LED it shine

tuled

Genel Catalog

TLD26KG004_EN

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Led Lighting
Products

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www.tuled.com.tr

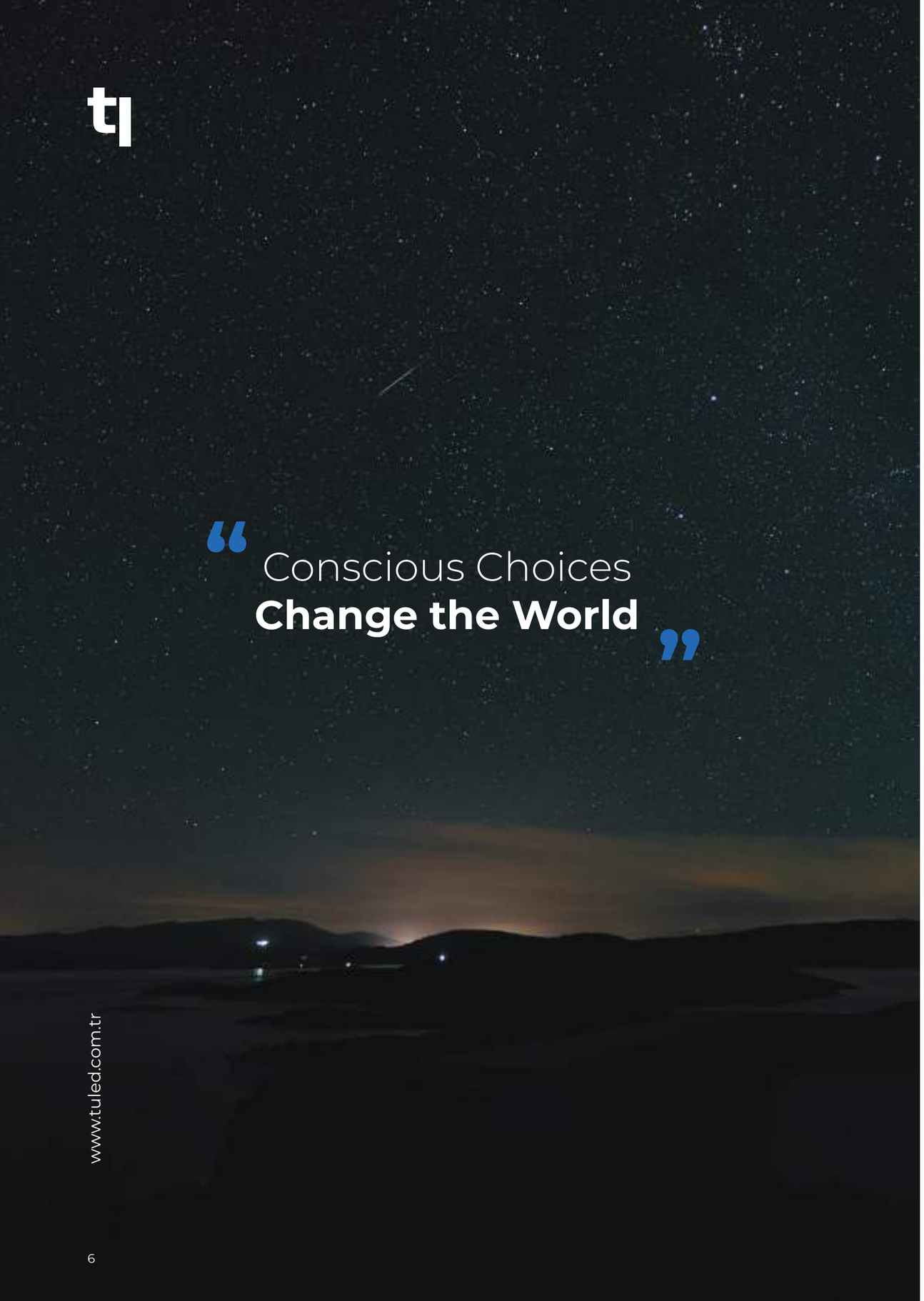
We Enlighten the World

TULED is a leading organization in consumer electronics, especially in the lighting sector. It is producing solutions for the needs of its consumers in an ecologically balanced and budget-efficient way, withstanding international standards.

TULED aims to support the spread of honest trade based on scientific studies worldwide. The company also aims to offer the highest benefit in unit cost to lighting sector consumers by realizing effective and efficient manufacturing on the triangle of human - nature - budget.

We aim to provide our customers with high-quality LED lighting with a balanced price and performance while ensuring a sustainable and eco-friendly approach that reduces natural resource consumption and carbon emissions. Our honest trade practices prioritize environmental elements. Our core mission is to meet customers' expectations by producing efficient, long lasting class A, B, and C (EU2019/2015) LED lighting for consumer products. This commitment to excellence is central to our mission.

Our objective is to achieve excellence in the lighting sector by offering high-quality products that exhibit efficiency, durability, and innovative features. Our ambition is to be among the leading companies in the global market, particularly in areas such as decorative designs. We are committed to continuous improvement and innovation in all aspects of our business to achieve this goal. We strive to provide our customers with the highest level of satisfaction by offering products that meet and exceed their expectations.



“Conscious Choices
Change the World”

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High Standard
Quality Manufacturing

High Efficiency

We produce high-efficiency and long-lasting products by better managing heat, increasing the LED resource advantages offered to consumers.

International Standard

As an alternative to the standard products that dominate the market in the international arena, we manufacture LED bulbs with the international standards required by consumers.

Economic Value Added

With the high-quality products we produce, we positively contribute to the current national account balance of the markets in which we operate.

Environmental Approach

We contribute to the ecological balance by reducing natural resource consumption and carbon emissions with highly efficient and long-lasting products.

We base all our production processes on respect for the human-nature-budget triangle. Based on this philosophy, we always prioritize the highest benefit at unit cost in all our manufacturing and sales processes. Our products consume much less energy and can serve much more extended periods than their competitors with similar light output power.

“**Qualified Product**
Value Added Production”

Innovation in Sustainable Lighting

TULED is more than just a brand that offers lighting products. It provides a unique and sustainable lighting experience combining quality, sustainability, and innovation. Every TULED product is made with carefully selected ingredients and produced using innovative technology. By choosing TULED, you contribute to the ecological balance and make long-term savings with energy-efficient products that can serve for years.

TULED provides long-lasting and high-quality lighting solutions tailored to meet each product's unique requirements. We prioritize working with our customers to ensure a great product, honesty, innovation, and professionalism. Our qualified and value-added lighting products make TULED the preferred choice for those who value conscious decisions in the industry.

Sustainable Solutions Enlightening the Future

We reduce **natural resource consumption and carbon emissions with more efficient**, longer-lasting products.

Beyond meeting lighting needs, **TULED** acts with a mission to protect the future of our planet. As a requirement of this mission, energy saving and reducing carbon footprint are essential in all our processes. We know that the consumption of natural resources and carbon emissions are too valuable to be expressed only in numbers. For this reason, we prioritize ecological balance when designing and producing our products.

Old Regulation (EU 874/2012)		New Regulation (EU 2019/2015)	
Class	Lm/W	Class	Lm/W
A++	120	A	210
A+	65	B	185
A	50	C	160
B	15	D	135
C	12	E	110
D	9	F	85
E	0	G	0

Consumer Preference Nature Friendly

Thanks to our highly efficient and long-lasting LED lighting products, we provide consumers with a longer lifespan and reduced energy consumption. Our lighting solutions minimize the usage of natural resources and lower energy costs significantly. We aim to produce each product to reduce natural resource consumption and carbon emissions, thus offering our consumers a conscious choice.

For a greener tomorrow

We do not only strive for our products to reach the end user. At the same time, we protect the ecological balance in all our production stages. In this way, with budget-friendly and quality products that respect nature, we can provide not only the lighting of today but also the lighting of the future.

M.Sc. Emin Arif BİRCAN
Chairman of the Board of Directors

Embracing with TULED lighting not only illuminates our world but also empowers us to live a life that honors and respects nature's wisdom and beauty.

Sustainable parts of our
unique lighting vision

Every product we form with the perfect combination of efficiency, technology, and aesthetics is a part of our lighting vision. Take your lighting experience to the next level with well-engineered products that will transform your living spaces with aesthetics and functionality.

Redeem Series Overview

	Redeem	Redeem Plus	Redeem Ultra
Average Eff.	120 Lm/W	140 Lm/W	160 Lm/W
Performance			
Price	₺ ₺ ₺ ₺ ₺	₺ ₺ ₺ ₺ ₺	₺ ₺ ₺ ₺ ₺
Sight Comfort	Yes	Yes	Yes
LED Chip	Samsung / Cree	Samsung / Cree	Samsung / Cree
Warranty	3 Years	3 Years	3 Years
Number of Var.	77 Types	77 Types	77 Types
Lifespan	20,000+h ~ 15 Years	20,000+h ~ 15 Years	20,000+h ~ 15 Years
CE Certificate	Yes	Yes	Yes
Color Temp.	7 Options	7 Options	7 Options
Efficiency Class	E	D	C
On/Off Life	60.000+	100.000+	120.000+

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

TULED's goal is to promote the distribution of scientifically based fair trade worldwide and maximize cost benefits through effective and efficient manufacturing that prioritizes human, nature, and budget. TULED offers custom manufacturing capabilities to meet the unique needs of each project, ensuring not only durability and quality but also honest trade, innovation, and professionalism. As a leading brand in the lighting industry, TULED provides qualified and value-added products for conscious consumers.

Product
Family

Series Overview

Common Features	A60S	A60A	A70S	A80S	C37S		C37S	C37A	C37A	C10W	C12W	C18W
Number of Colors	7 Options	7 Options	7 Options	7 Options	7 Options		7 Options	7 Options	7 Options	7 Options	7 Options	7 Options
Base Type	E27	E27	E27	E27	E27		E14	E27	E14	2-Pole 2-Pin Spring Terminal	2-Pole 2-Pin Spring Terminal	2-Pole 2-Pin Spring Terminal
Sight Comfort	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years		3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
Driver Type	On Board IC	On Board IC	On Board IC	On Board IC	On Board IC		On Board IC	On Board IC	On Board IC	On Board IC	On Board IC	On Board IC
CE Certificate	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Evet	Yes	Yes	Yes
CRI	CRI+85	CRI+85	CRI+85	CRI+85	CRI+85		CRI+85	CRI+85	CRI+85	CRI+85	CRI+85	CRI+85
Mains Voltage	110-240 VAC	110-240 VAC	110-240 VAC	110-240 VAC	110-240 VAC		110-240 VAC	110-240 VAC	110-240 VAC	110-240 VAC	110-240 VAC	110-240 VAC
Dimensions (mm)	60x60x110	60x60x118	70x70x134	80x80x148	37x37x100		37x37x100	37x37x124	37x37x124	100.50x100.50x27.50	118.50x118.50x27.50	180x180x27.50

	Redeem Series																																
Luminous Flux (Lümen)	600	700	800	800	900	1000	1100	1300	1400	1400	1600	1700	500	600	700		500	600	700	500	600	700	500	600	700	600	700	800	800	900	1000	1600	1800	1900
Lighting Efficiency (Lm/W)	120	140	160	120	140	160	120	140	160	120	140	160	120	140	160		120	140	160	120	140	160	120	140	160	120	140	160	120	140	160	120	140	160
Efficiency Class (A>G EU 2019)	E	D	C	E	D	C	E	D	C	E	D	C	E	D	C		E	D	C	E	D	C	E	D	C	E	D	C	E	D	C	E	D	C
Life Expectancy (~Years)	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years		~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years	~ 15 Years
Switching Count Expectancy (Cycle)	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+		60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+	60.000+	100.000+	120.000+
Beam Angle (Degres)	170	170	170	170	170	170	160	160	160	190	190	190	185	185	185		185	185	185	205	205	205	205	205	205	94	94	94	96	95	95	98	98	98
	Redeem Series	Redeem Plus Series	Redeem Ultra Series																														

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

Redeem Series

Feel the **Difference**

We just changed the efficiency expectancy of the customers with the brand new Redeem series.

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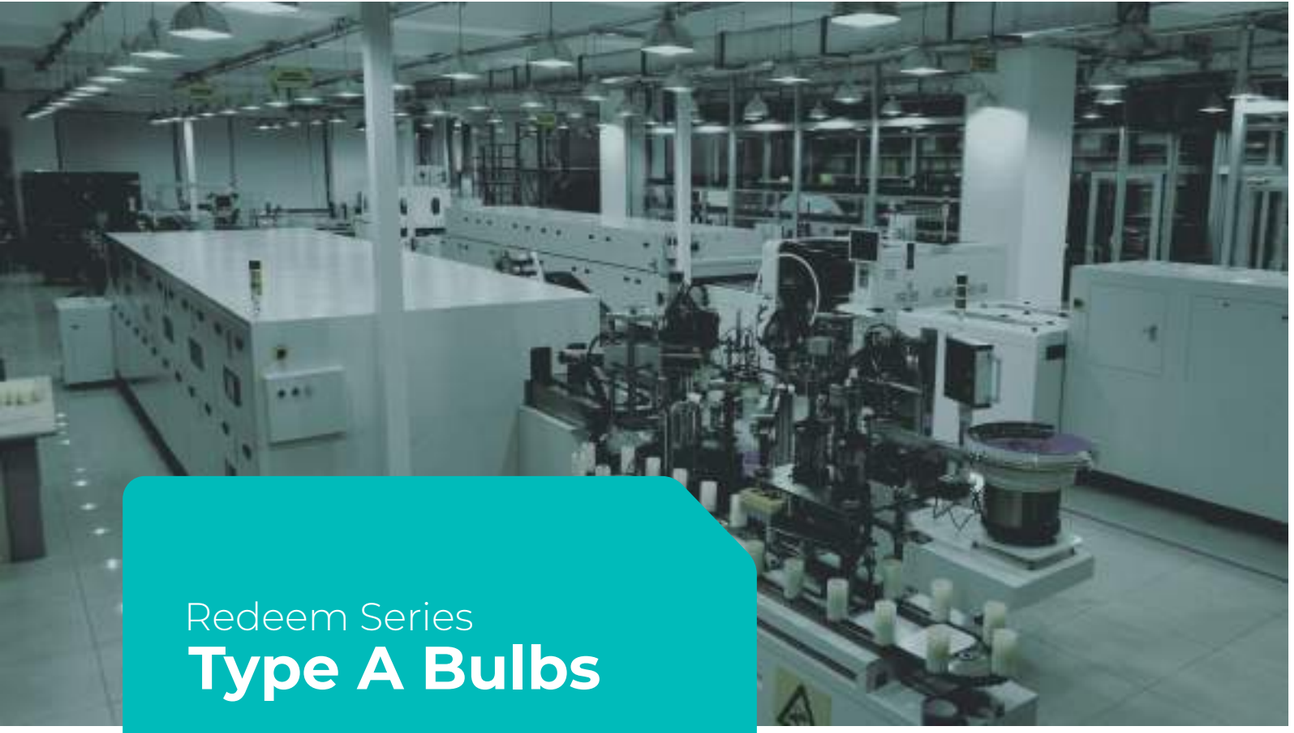


Redeem Series

Type A Bulbs

Witness the unique combination of innovation and efficiency with Redeem. With its impressive efficiency of **120 lm/W**, the Redeem Series is ideal for everyday use. It offers the optimum solution balancing energy savings, quality, and budget. Capture the ambiance you desire in any environment with our Redeem Series products' **seven different color temperature options**, where we redefine the lighting standards. Personalize your lighting experience to make a difference in your life.

High standard
Quality manufacturing

With an average efficiency of **120 lm/W,** we have combined energy saving and quality. We offered **seven (7) different color temperature options** to build a unique atmosphere in every space.

CRI Ra+85 | 110-240 VAC | 40-60 Hz | 20,000h+ 15+ Years | -20°C +50°C | 3 Years Warranty | On/Off 60,000+

CE | RoHS | EAC

Product Code	GTIN EAN-13	Base	Case	Case Sub Type	Equivalent INC (W)	Equivalent CFL (W)	Equivalent LED (W)	Tuled Power (W)	Luminous Flux (lm)	Lighting Efficiency (lm/W)	Beam Angle (Degrees)	Color Temp. (K)	Color Temp. Name	Yearly Consumption (kWh/1000h)	Width (mm)	Diameter (mm)	Height (mm)	Weight (g/unit)	Carton (unit)	Euro Pallet (Carton)
BLRDA60S272551NN	8684216000560	E27	A60	S	40	8	7	4.9	543	111	170	2700	Warm White	4.9	60	60	110	28	100	24
BLRDA60S302551NN	8684216000577	E27	A60	S	40	8	7	4.9	546	112	170	3000	Mild White	4.9	60	60	110	28	100	24
BLRDA60S352601NN	8684216000027	E27	A60	S	45	9	8	4.9	587	120	170	3500	Soft White	4.9	60	60	110	28	100	24
BLRDA60S402601NN	8684216000034	E27	A60	S	45	9	8	4.8	570	118	170	4000	Natural White	4.8	60	60	110	28	100	24
BLRDA60S502601NN	8684216000041	E27	A60	S	45	9	8	4.9	596	122	170	5000	Tuled White	4.9	60	60	110	28	100	24
BLRDA60S572601NN	8684216000058	E27	A60	S	45	9	8	4.8	596	123	170	5700	Gloss White	4.8	60	60	110	28	100	24
BLRDA60S652601NN	8684216000065	E27	A60	S	45	9	8	4.9	585	119	170	6500	Cool White	4.9	60	60	110	28	100	24
BLRDA60A272701NN	8684216000072	E27	A60	A	55	11	9	6.1	687	113	170	2700	Warm White	6.1	60	60	118	29	100	24
BLRDA60A302701NN	8684216000089	E27	A60	A	55	11	9	6.1	691	114	170	3000	Mild White	6.1	60	60	118	29	100	24
BLRDA60A352801NN	8684216000584	E27	A60	A	55	11	10	6.1	740	122	170	3500	Soft White	6.1	60	60	118	29	100	24
BLRDA60A402801NN	8684216000591	E27	A60	A	55	11	10	6.0	728	121	170	4000	Natural White	6.0	60	60	118	29	100	24
BLRDA60A502801NN	8684216000607	E27	A60	A	55	11	10	6.1	747	123	170	5000	Tuled White	6.1	60	60	118	29	100	24
BLRDA60A572801NN	8684216000614	E27	A60	A	60	12	10	6.0	750	124	170	5700	Gloss White	6.0	60	60	118	29	100	24
BLRDA60A652801NN	8684216000621	E27	A60	A	55	11	10	6.0	730	121	170	6500	Cool White	6.0	60	60	118	29	100	24
BLRDA70S272102NN	8684216000638	E27	A70	S	80	16	13	9.3	1,028	111	160	2700	Warm White	9.3	70	70	134	38	80	12
BLRDA70S302102NN	8684216000645	E27	A70	S	80	16	13	9.1	1,016	112	160	3000	Mild White	9.1	70	70	134	38	80	12
BLRDA70S352112NN	8684216000652	E27	A70	S	85	17	14	9.4	1,119	119	160	3500	Soft White	9.4	70	70	134	38	80	12
BLRDA70S402112NN	8684216000669	E27	A70	S	85	17	14	9.2	1,094	119	160	4000	Natural White	9.2	70	70	134	38	80	12
BLRDA70S502112NN	8684216000676	E27	A70	S	85	17	14	9.2	1,093	118	160	5000	Tuled White	9.2	70	70	134	38	80	12
BLRDA70S572112NN	8684216000683	E27	A70	S	85	17	14	9.3	1,118	121	160	5700	Gloss White	9.3	70	70	134	38	80	12
BLRDA70S652112NN	8684216000690	E27	A70	S	85	17	14	9.3	1,119	120	160	6500	Cool White	9.3	70	70	134	38	80	12
BLRDA80S272132NN	8684216000218	E27	A80	S	100	20	17	11,8	1.309	111	190	2700	Warm White	11.8	80	80	148	48	50	18
BLRDA80S302132NN	8684216000225	E27	A80	S	100	20	17	11,8	1.305	111	190	3000	Mild White	11.8	80	80	148	48	50	18
BLRDA80S352142NN	8684216000706	E27	A80	S	110	22	18	11,7	1.405	120	190	3500	Soft White	11.7	80	80	148	48	50	18
BLRDA80S402142NN	8684216000249	E27	A80	S	105	21	17	11,4	1.341	118	190	4000	Natural White	11.4	80	80	148	48	50	18
BLRDA80S502142NN	8684216000713	E27	A80	S	105	21	18	11,5	1.389	121	190	5000	Tuled White	11.5	80	80	148	48	50	18
BLRDA80S572142NN	8684216000720	E27	A80	S	105	21	18	11,6	1.393	120	190	5700	Gloss White	11.6	80	80	148	48	50	18
BLRDA80S652142NN	8684216000737	E27	A80	S	110	22	18	11,7	1.418	121	190	6500	Cool White	11. 7	80	80	148	48	50	18

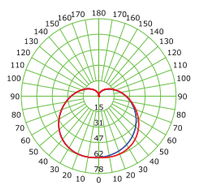
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

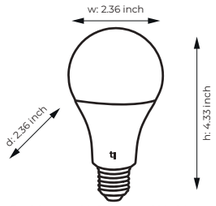
LED Bulb E27 A60S 2700 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

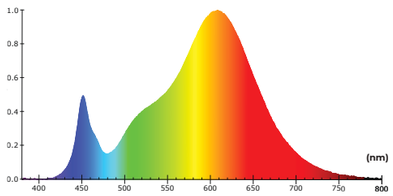
BLRDA60S272551NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S272551NN
GTIN (EAN13)	8684216000560
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 2700K
Description	Tuled Redeem LED Bulb E27 A60S 4.9W 543lm 2700K Warm White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.9 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.71 W
Beam Angle	170°
Luminous Flux	543 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.9 W
Efficiency Compared to Inc.	752 %
Efficiency Compared to CFL	70 %
Eff. Compared to Traditional LED	35 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

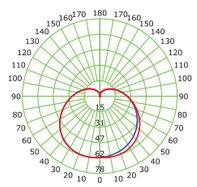
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

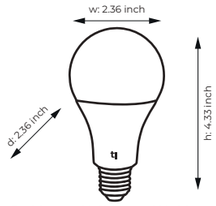
LED Bulb E27 A60S 3000 K

With an average efficiency of **112 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

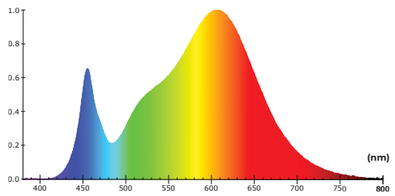
BLRDA60S302551NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S302551NN
GTIN (EAN13)	8684216000577
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 3000K
Description	Tuled Redeem LED Bulb E27 A60S 4.9W 546lm 3000K Mild White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.9 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.71 W
Beam Angle	170°
Luminous Flux	546 lm
CRI	85 Ra
Lighting Efficiency	112 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.9 W
Efficiency Compared to Inc.	759 %
Efficiency Compared to CFL	72 %
Eff. Compared to Traditional LED	36 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

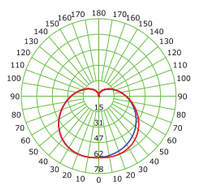
Functions	
Dimmable	No

REDEEM

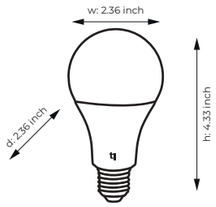
LED Bulb E27 A60S 3500 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

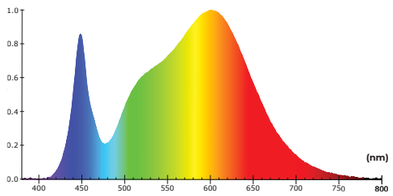
BLRDA60S352601NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S352601NN
GTIN (EAN13)	8684216000027
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 3500K
Description	Tuled Redeem LED Bulb E27 A60S 4.9W 587lm 3500K Soft White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.9 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.79 W
Beam Angle	170°
Luminous Flux	587 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.9 W
Efficiency Compared to Inc.	822 %
Efficiency Compared to CFL	84 %
Eff. Compared to Traditional LED	46 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

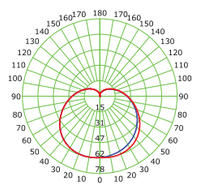
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

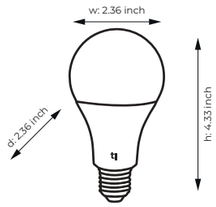
LED Bulb E27 A60S 4000 K

With an average efficiency of **118 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

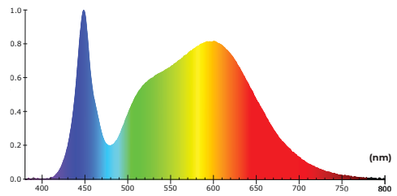
BLRDA60S402601NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S402601NN
GTIN (EAN13)	8684216000034
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 4000K
Description	Tuled Redeem LED Bulb E27 A60S 4.8W 570lm 4000K Natural White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.8 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.79 W
Beam Angle	170°
Luminous Flux	570 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.8 W
Efficiency Compared to Inc.	810 %
Efficiency Compared to CFL	82 %
Eff. Compared to Traditional LED	44 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

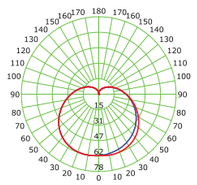
Functions	
Dimmable	No

REDEEM

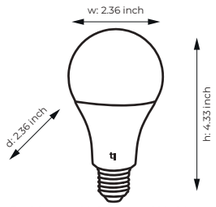
LED Bulb E27 A60S 5000 K

With an average efficiency of **122 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

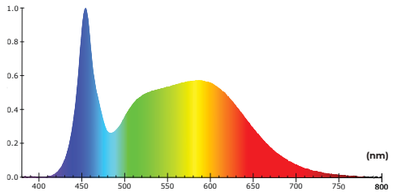
BLRDA60S502601NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S502601NN
GTIN (EAN13)	8684216000041
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 5000K
Description	Tuled Redeem LED Bulb E27 A60S 4.9W 596lm 5000K Tuled White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.9 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.89 W
Beam Angle	170°
Luminous Flux	596 lm
CRI	85 Ra
Lighting Efficiency	122 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.9 W
Efficiency Compared to Inc.	837 %
Efficiency Compared to CFL	87 %
Eff. Compared to Traditional LED	49 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

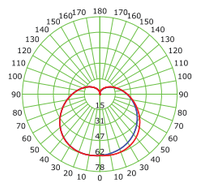
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

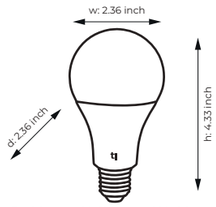
LED Bulb E27 A60S 5700 K

With an average efficiency of **123 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

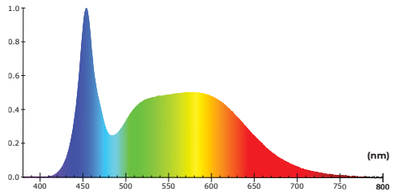
BLRDA60S572601NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S572601NN
GTIN (EAN13)	8684216000058
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 5700K
Description	Tuled Redeem LED Bulb E27 A60S 4.8W 596lm 5700K Gloss White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.8 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.92 W
Beam Angle	170°
Luminous Flux	596 lm
CRI	85 Ra
Lighting Efficiency	123 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.8 W
Efficiency Compared to Inc.	846 %
Efficiency Compared to CFL	89 %
Eff. Compared to Traditional LED	50 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

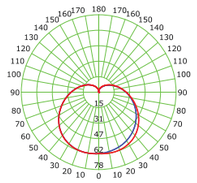
Functions	
Dimmable	No

REDEEM

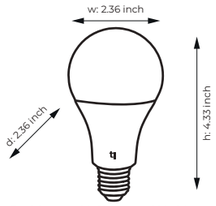
LED Bulb E27 A60S 6500 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

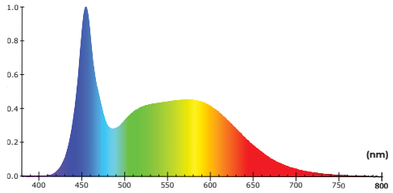
BLRDA60S652601NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60S652601NN
GTIN (EAN13)	8684216000065
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A60S 6500K
Description	Tuled Redeem LED Bulb E27 A60S 4.9W 585lm 6500K Cool White

Physical Properties

Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.9 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	1.90 W
Beam Angle	170°
Luminous Flux	585 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.9 W
Efficiency Compared to Inc.	816 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

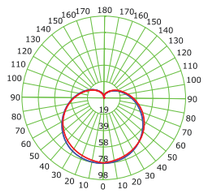
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

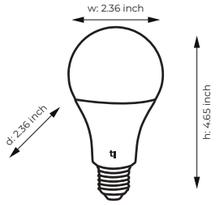
LED Bulb E27 A60A 2700 K

With an average efficiency of **113 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

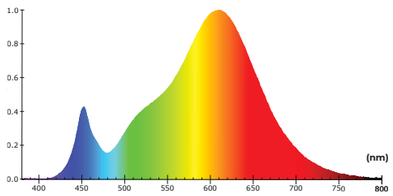
BLRDA60A272701NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A272701NN
GTIN (EAN13)	8684216000072
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 2700K
Description	Tuled Redeem LED Bulb E27 A60A 6.1W 687lm 2700K Warm White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.1 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.17 W
Beam Angle	170°
Luminous Flux	687 lm
CRI	85 Ra
Lighting Efficiency	113 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	9 W
Tuled	6.1 W
Efficiency Compared to Inc.	768 %
Efficiency Compared to CFL	74 %
Eff. Compared to Traditional LED	38 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

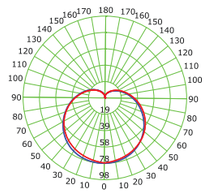
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

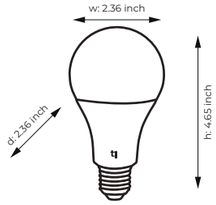
LED Bulb E27 A60A 3000 K

With an average efficiency of **114 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

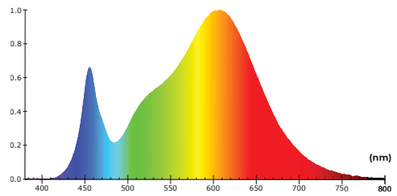
BLRDA60A302701NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A302701NN
GTIN (EAN13)	8684216000089
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 3000K
Description	Tuled Redeem LED Bulb E27 A60A 6.1W 691lm 3000K Mild White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.1 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.16 W
Beam Angle	170°
Luminous Flux	691 lm
CRI	85 Ra
Lighting Efficiency	114 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	9 W
Tuled	6.1 W
Efficiency Compared to Inc.	775 %
Efficiency Compared to CFL	75 %
Eff. Compared to Traditional LED	39 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

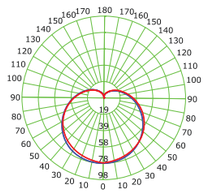
Functions	
Dimmable	No

REDEEM

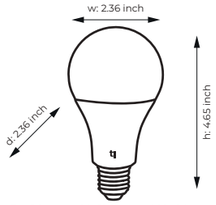
LED Bulb E27 A60A 3500 K

With an average efficiency of **122 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

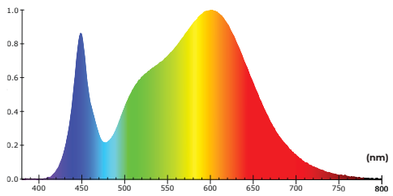
BLRDA60A352801NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A352801NN
GTIN (EAN13)	8684216000584
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 3500K
Description	Tuled Redeem LED Bulb E27 A60A 6.1W 740lm 3500K Soft White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.1 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.26 W
Beam Angle	170°
Luminous Flux	740 lm
CRI	85 Ra
Lighting Efficiency	122 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	10 W
Tuled	6.1 W
Efficiency Compared to Inc.	837 %
Efficiency Compared to CFL	87 %
Eff. Compared to Traditional LED	49 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

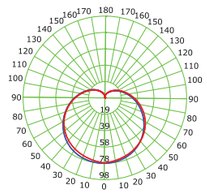
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

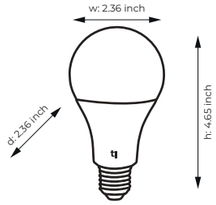
LED Bulb E27 A60A 4000 K

With an average efficiency of **121 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

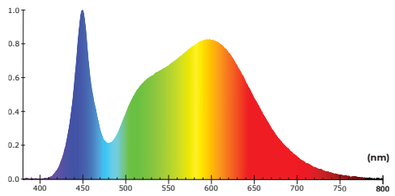
BLRDA60A402801NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A402801NN
GTIN (EAN13)	8684216000591
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 4000K
Description	Tuled Redeem LED Bulb E27 A60A 6.0W 728lm 4000K Natural White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.0 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.29 W
Beam Angle	170°
Luminous Flux	728 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	10 W
Tuled	6.0 W
Efficiency Compared to Inc.	831 %
Efficiency Compared to CFL	86 %
Eff. Compared to Traditional LED	48 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

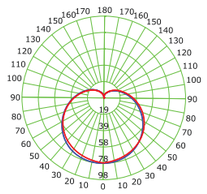
Functions	
Dimmable	No

REDEEM

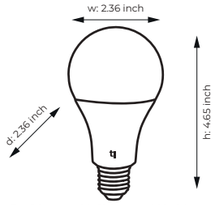
LED Bulb E27 A60A 5000 K

With an average efficiency of **123 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

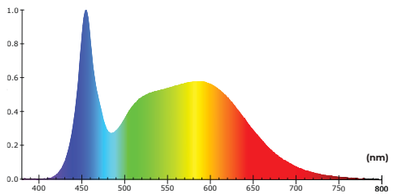
BLRDA60A502801NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A502801NN
GTIN (EAN13)	8684216000607
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 5000K
Description	Tuled Redeem LED Bulb E27 A60A 6.1W 747lm 5000K Tuled White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.1 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.38 W
Beam Angle	170°
Luminous Flux	747 lm
CRI	85 Ra
Lighting Efficiency	123 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	10 W
Tuled	6.1 W
Efficiency Compared to Inc.	848 %
Efficiency Compared to CFL	90 %
Eff. Compared to Traditional LED	50 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

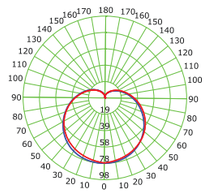
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

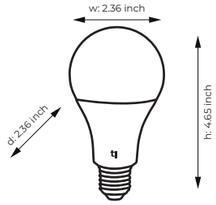
LED Bulb E27 A60A 5700 K

With an average efficiency of **124 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

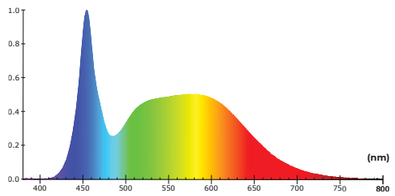
BLRDA60A572801NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A572801NN
GTIN (EAN13)	8684216000614
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 5700K
Description	Tuled Redeem LED Bulb E27 A60A 6.0W 750lm 5700K Gloss White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.0 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.42 W
Beam Angle	170°
Luminous Flux	750 lm
CRI	85 Ra
Lighting Efficiency	124 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	6.0 W
Efficiency Compared to Inc.	856 %
Efficiency Compared to CFL	91 %
Eff. Compared to Traditional LED	52 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

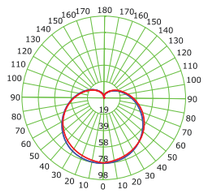
Functions	
Dimmable	No

REDEEM

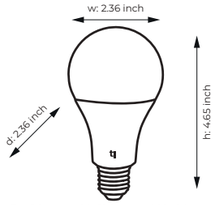
LED Bulb E27 A60A 6500 K

With an average efficiency of **121 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

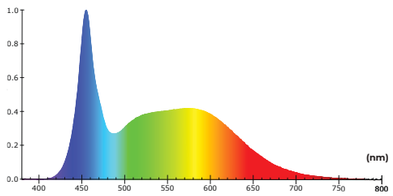
BLRDA60A652801NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A652801NN
GTIN (EAN13)	8684216000621
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem LED Bulb E27 A60A 6500K
Description	Tuled Redeem LED Bulb E27 A60A 6.0W 730lm 6500K Cool White

Physical Properties

Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.0 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.39 W
Beam Angle	170°
Luminous Flux	730 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	10 W
Tuled	6.0 W
Efficiency Compared to Inc.	833 %
Efficiency Compared to CFL	87 %
Eff. Compared to Traditional LED	48 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

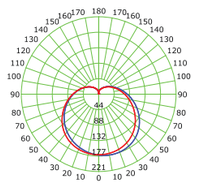
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

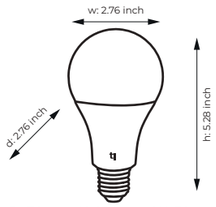
LED Bulb E27 A70S 2700 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

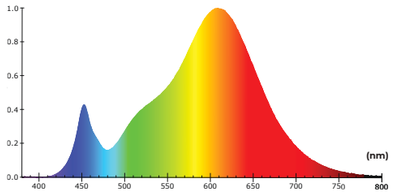
BLRDA70S272102NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S272102NN
GTIN (EAN13)	8684216000638
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 2700K
Description	Tuled Redeem LED Bulb E27 A70S 9.3W 1028lm 2700K Warm White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.3 kWh/1000hours
AC Current	84 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.25 W
Beam Angle	160°
Luminous Flux	1,028 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	80 W
Equivalent CFL	16 W
Equivalent LED Bulb	13 W
Tuled	9.3 W
Efficiency Compared to Inc.	751 %
Efficiency Compared to CFL	70 %
Eff. Compared to Traditional LED	35 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

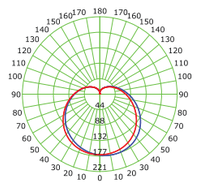
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

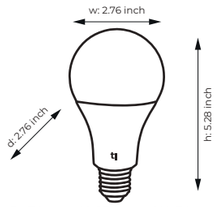
LED Bulb E27 A70S 3000 K

With an average efficiency of **112 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

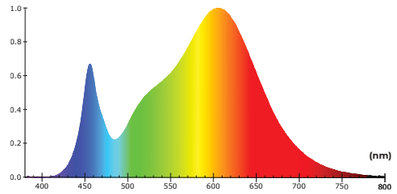
BLRDA70S302102NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S302102NN
GTIN (EAN13)	8684216000645
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 3000K
Description	Tuled Redeem LED Bulb E27 A70S 9.1W 1016lm 3000K Mild White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.1 kWh/1000hours
AC Current	83 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.18 W
Beam Angle	160°
Luminous Flux	1,016 lm
CRI	85 Ra
Lighting Efficiency	112 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	80 W
Equivalent CFL	16 W
Equivalent LED Bulb	13 W
Tuled	9.1 W
Efficiency Compared to Inc.	758 %
Efficiency Compared to CFL	72 %
Eff. Compared to Traditional LED	36 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

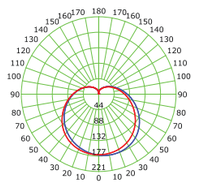
Functions	
Dimmable	No

REDEEM

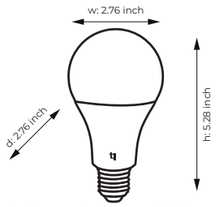
LED Bulb E27 A70S 3500 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

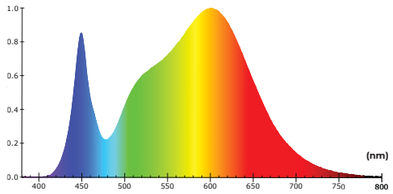
BLRDA70S352112NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S352112NN
GTIN (EAN13)	8684216000652
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 3500K
Description	Tuled Redeem LED Bulb E27 A70S 9.4W 1119lm 3500K Soft White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.4 kWh/1000hours
AC Current	85 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.42 W
Beam Angle	160°
Luminous Flux	1,119 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	85 W
Equivalent CFL	17 W
Equivalent LED Bulb	14 W
Tuled	9.4 W
Efficiency Compared to Inc.	819 %
Efficiency Compared to CFL	84 %
Eff. Compared to Traditional LED	46 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

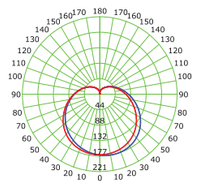
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

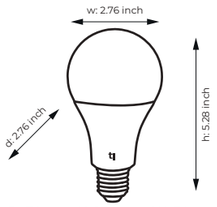
LED Bulb E27 A70S 4000 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

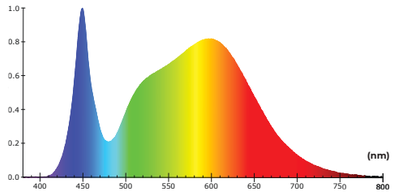
BLRDA70S402112NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S402112NN
GTIN (EAN13)	8684216000669
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 4000K
Description	Tuled Redeem LED Bulb E27 A70S 9.2W 1094lm 4000K Natural White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.2 kWh/1000hours
AC Current	83 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.45 W
Beam Angle	160°
Luminous Flux	1,094 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	85 W
Equivalent CFL	17 W
Equivalent LED Bulb	14 W
Tuled	9.2 W
Efficiency Compared to Inc.	814 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

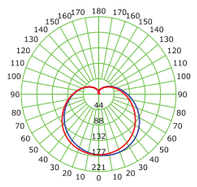
Functions	
Dimmable	No

REDEEM

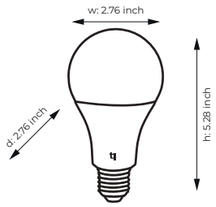
LED Bulb E27 A70S 5000 K

With an average efficiency of **118 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

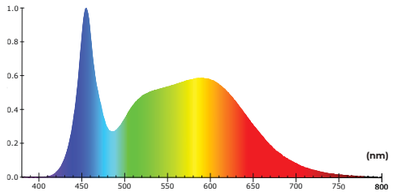
BLRDA70S502112NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S502112NN
GTIN (EAN13)	8684216000676
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 5000K
Description	Tuled Redeem LED Bulb E27 A70S 9.2W 1093lm 5000K Tuled White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.2 kWh/1000hours
AC Current	84 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.52 W
Beam Angle	160°
Luminous Flux	1,093 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	85 W
Equivalent CFL	17 W
Equivalent LED Bulb	14 W
Tuled	9.2 W
Efficiency Compared to Inc.	810 %
Efficiency Compared to CFL	82 %
Eff. Compared to Traditional LED	44 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

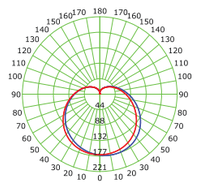
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

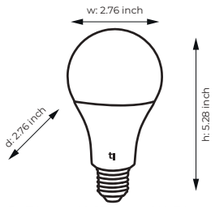
LED Bulb E27 A70S 5700 K

With an average efficiency of **121 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

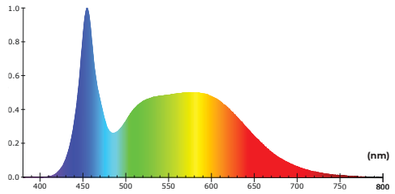
BLRDA70S572112NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S572112NN
GTIN (EAN13)	8684216000683
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 5700K
Description	Tuled Redeem LED Bulb E27 A70S 9.3W 1118lm 5700K Gloss White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.3 kWh/1000hours
AC Current	84 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.63 W
Beam Angle	160°
Luminous Flux	1,118 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	85 W
Equivalent CFL	17 W
Equivalent LED Bulb	14 W
Tuled	9.3 W
Efficiency Compared to Inc.	829 %
Efficiency Compared to CFL	86 %
Eff. Compared to Traditional LED	47 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

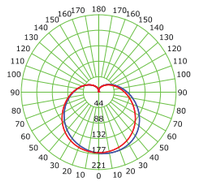
Functions	
Dimmable	No

REDEEM

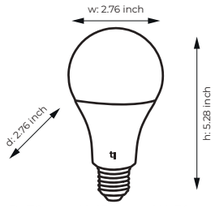
LED Bulb E27 A70S 6500 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

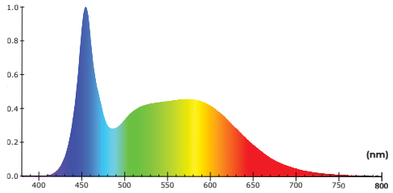
BLRDA70S652112NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S652112NN
GTIN (EAN13)	8684216000690
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A70S 6500K
Description	Tuled Redeem LED Bulb E27 A70S 9.3W 1119lm 6500K Cool White

Physical Properties

Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Light Characteristic

Declared Radiant Power	3.67 W
Beam Angle	160°
Luminous Flux	1,119 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	9.3 kWh/1000hours
AC Current	85 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	85 W
Equivalent CFL	17 W
Equivalent LED Bulb	14 W
Tuled	9.3 W
Efficiency Compared to Inc.	822 %
Efficiency Compared to CFL	84 %
Eff. Compared to Traditional LED	46 %

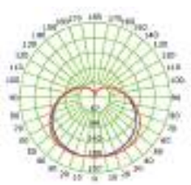
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

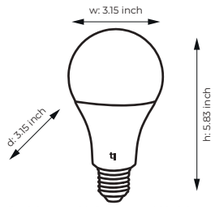
LED Bulb E27 A80S 2700 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

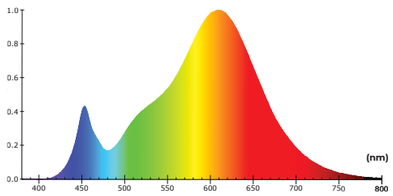
BLRDA80S272132NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S272132NN
GTIN (EAN13)	8684216000218
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 2700K
Description	Tuled Redeem LED Bulb E27 A80S 11.8W 1309lm 2700K Warm White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.8 kWh/1000hours
AC Current	99 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.17 W
Beam Angle	190°
Luminous Flux	1,309 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	100 W
Equivalent CFL	20 W
Equivalent LED Bulb	17 W
Tuled	11.8 W
Efficiency Compared to Inc.	751 %
Efficiency Compared to CFL	70 %
Eff. Compared to Traditional LED	35 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

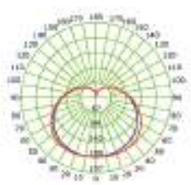
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

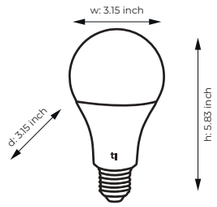
LED Bulb E27 A80S 3000 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

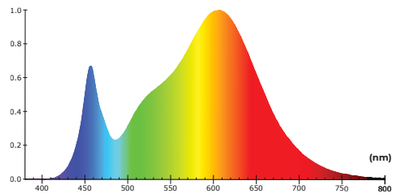
BLRDA80S302132NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S302132NN
GTIN (EAN13)	8684216000225
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 3000K
Description	Tuled Redeem LED Bulb E27 A80S 11.8W 1305lm 3000K Mild White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.8 kWh/1000hours
AC Current	98 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.11 W
Beam Angle	190°
Luminous Flux	1,305 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	100 W
Equivalent CFL	20 W
Equivalent LED Bulb	17 W
Tuled	11.8 W
Efficiency Compared to Inc.	754 %
Efficiency Compared to CFL	71 %
Eff. Compared to Traditional LED	35 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

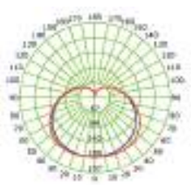
Functions	
Dimmable	No

REDEEM

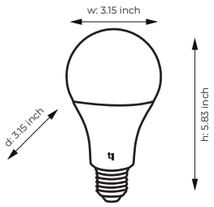
LED Bulb E27 A80S 3500 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

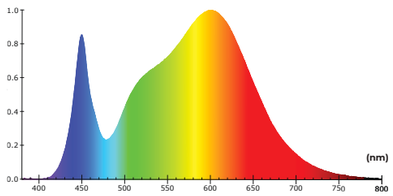
BLRDA80S352142NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S352142NN
GTIN (EAN13)	8684216000706
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 3500K
Description	Tuled Redeem LED Bulb E27 A80S 11.7W 1405lm 3500K Soft White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.7 kWh/1000hours
AC Current	98 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.32 W
Beam Angle	190°
Luminous Flux	1,405 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	110 W
Equivalent CFL	22 W
Equivalent LED Bulb	18 W
Tuled	11.7 W
Efficiency Compared to Inc.	825 %
Efficiency Compared to CFL	85 %
Eff. Compared to Traditional LED	47 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

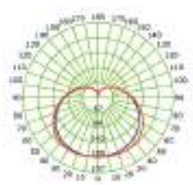
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

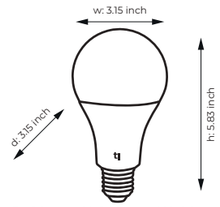
LED Bulb E27 A80S 4000 K

With an average efficiency of **118 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

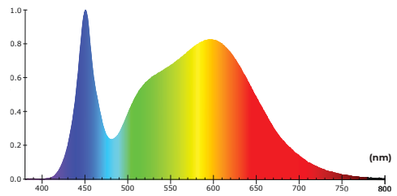
BLRDA80S402142NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S402142NN
GTIN (EAN13)	8684216000249
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 4000K
Description	Tuled Redeem LED Bulb E27 A80S 11.4W 1341lm 4000K Natural White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.4 kWh/1000hours
AC Current	95 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.26 W
Beam Angle	190°
Luminous Flux	1,341 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	105 W
Equivalent CFL	21 W
Equivalent LED Bulb	17 W
Tuled	11.4 W
Efficiency Compared to Inc.	807 %
Efficiency Compared to CFL	81 %
Eff. Compared to Traditional LED	44 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

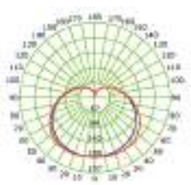
Functions	
Dimmable	No

REDEEM

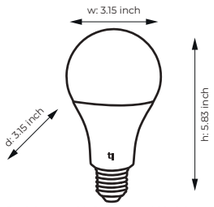
LED Bulb E27 A80S 5000 K

With an average efficiency of **121 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

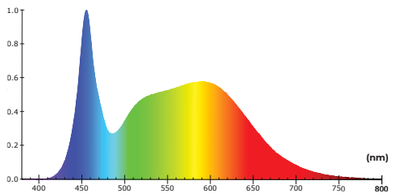
BLRDA80S502142NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S502142NN
GTIN (EAN13)	8684216000713
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 5000K
Description	Tuled Redeem LED Bulb E27 A80S 11.5W 1389lm 5000K Tuled White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.5 kWh/1000hours
AC Current	96 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.49 W
Beam Angle	190°
Luminous Flux	1,389 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	105 W
Equivalent CFL	21 W
Equivalent LED Bulb	18 W
Tuled	11.5 W
Efficiency Compared to Inc.	830 %
Efficiency Compared to CFL	86 %
Eff. Compared to Traditional LED	47 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

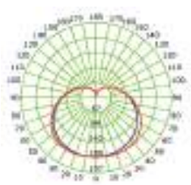
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

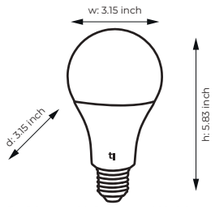
LED Bulb E27 A80S 5700 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

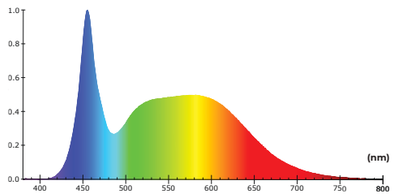
BLRDA80S572142NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S572142NN
GTIN (EAN13)	8684216000720
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 5700K
Description	Tuled Redeem LED Bulb E27 A80S 11.6W 1393lm 5700K Gloss White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.6 kWh/1000hours
AC Current	97 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.56 W
Beam Angle	190°
Luminous Flux	1,393 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	105 W
Equivalent CFL	21 W
Equivalent LED Bulb	18 W
Tuled	11.6 W
Efficiency Compared to Inc.	824 %
Efficiency Compared to CFL	85 %
Eff. Compared to Traditional LED	46 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

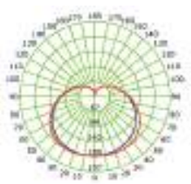
Functions	
Dimmable	No

REDEEM

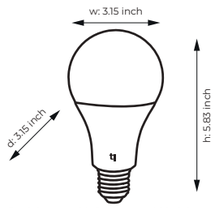
LED Bulb E27 A80S 6500 K

With an average efficiency of **121 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

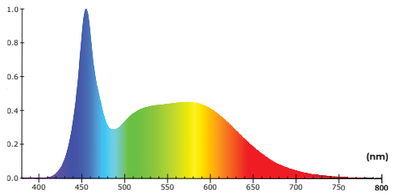
BLRDA80S652142NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID	
Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA80S652142NN
GTIN (EAN13)	8684216000737
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem LED Bulb E27 A80S 6500K
Description	Tuled Redeem LED Bulb E27 A80S 11.7W 1418lm 6500K Cool White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.7 kWh/1000hours
AC Current	98 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.68 W
Beam Angle	190°
Luminous Flux	1,418 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

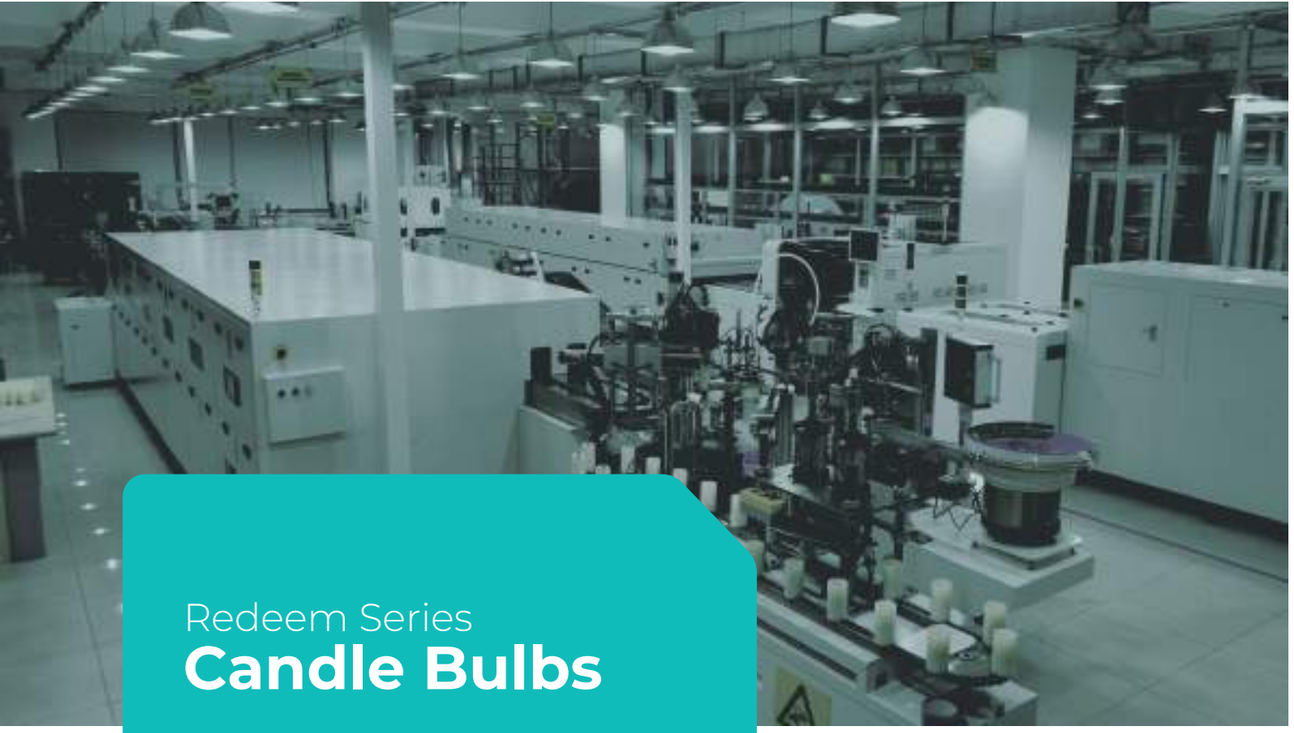
Equivalent	
Equivalent Incandescent Typical	110 W
Equivalent CFL	22 W
Equivalent LED Bulb	18 W
Tuled	11.7 W
Efficiency Compared to Inc.	829 %
Efficiency Compared to CFL	86 %
Eff. Compared to Traditional LED	47 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.



Redeem Series

Candle Bulbs

Witness the unique combination of innovation and efficiency with Redeem. With its impressive efficiency of **120 lm/W**, the Redeem Series is ideal for everyday use. It offers the optimum solution balancing energy savings, quality, and budget. Capture the ambiance you desire in any environment with our Redeem Series products' **seven different color temperature options**, where we redefine the lighting standards. Personalize your lighting experience to make a difference in your life.

High standard
Quality manufacturing

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to build a unique atmosphere in every space.

CRI Ra+85 | 110-240 VAC | 40-60 Hz | 20,000h+ 15+ Years | -20°C +50°C | 3 Years Warranty | On/Off 60,000+

CE | RoHS | EAC

Product Code	GTIN EAN-13	Base	Case	Case Sub Type	Equivalent INC (W)	Equivalent CFL (W)	Equivalent LED (W)	Tuled Power (W)	Luminous Flux (lm)	Lighting Efficiency (lm/W)	Beam Angle (Degrees)	Color Temp. (K)	Color Temp. Name	Yearly Consumption (kWh/1000h)	Width (mm)	Diameter (mm)	Height (mm)	Weight (g/unit)	Carton (unit)	Euro Pallet (Carton)
BLRDC37S272501NN	8684216001338	E27	C37	S	35	7	6	4.4	470	108	185	2700	Warm White	4.4	37.00	37,00	100,00	18.03	100	60
BLRDC37S302501NN	8684216001345	E27	C37	S	40	8	7	4.5	497	111	185	3000	Mild White	4.5	37.00	37,00	100,00	18.03	100	60
BLRDC37S352501NN	8684216001352	E27	C37	S	40	8	7	4.5	524	115	185	3500	Soft White	4,5	37.00	37,00	100,00	18.03	100	60
BLRDC37S402501NN	8684216001369	E27	C37	S	40	8	7	4.4	527	119	185	4000	Natural White	4.4	37.00	37,00	100,00	18.03	100	60
BLRDC37S502501NN	8684216001376	E27	C37	S	40	8	7	4.5	528	117	185	5000	Tuled White	4.5	37.00	37,00	100,00	18.03	100	60
BLRDC37S572501NN	8684216001383	E27	C37	S	40	8	7	4.4	525	118	185	5700	Gloss White	4.4	37.00	37,00	100,00	18.03	100	60
BLRDC37S652501NN	8684216001390	E27	C37	S	40	8	7	4.4	510	115	185	6500	Cool White	4.4	37.00	37,00	100,00	18.03	100	60
BLRDC37A272501NN	8684216001406	E27	C37	A	35	7	6	4.3	456	105	205	2700	Warm White	4.3	37.00	37.00	124.00	19.12	100	48
BLRDC37A302501NN	8684216001413	E27	C37	A	40	8	7	4.5	494	111	205	3000	Mild White	4.5	37.00	37.00	124.00	19.12	100	48
BLRDC37A352501NN	8684216001420	E27	C37	A	40	8	7	4.4	507	114	205	3500	Soft White	4.4	37.00	37.00	124.00	19.12	100	48
BLRDC37A402501NN	8684216001437	E27	C37	A	40	8	7	4.5	525	117	205	4000	Natural White	4.5	37,00	37.00	124.00	19.12	100	48
BLRDC37A502501NN	8684216001444	E27	C37	A	40	8	7	4.5	528	116	205	5000	Tuled White	4.5	37.00	37.00	124.00	19.12	100	48
BLRDC37A572501NN	8684216001451	E27	C37	A	40	8	7	4.4	518	117	205	5700	Gloss White	4.4	37.00	37.00	124.00	19.12	100	48
BLRDC37A652501NN	8684216001468	E27	C37	A	40	8	7	4.4	505	114	205	6500	Cool White	4.4	37.00	37.00	124.00	19.12	100	48
BLRDC37S272501MN	8684216001611	E14	C37	S	35	7	6	4.4	470	108	185	2700	Warm White	4.4	37.00	37.00	100.00	15.78	100	60
BLRDC37S302501MN	8684216001628	E14	C37	S	40	8	7	4.5	497	111	185	3000	Mild White	4.5	37.00	37.00	100.00	15.78	100	60
BLRDC37S352501MN	8684216001635	E14	C37	S	40	8	7	4.5	524	115	185	3500	Soft White	4.5	37.00	37.00	100.00	15.78	100	60
BLRDC37S402501MN	8684216001642	E14	C37	S	40	8	7	4.4	527	119	185	4000	Natural White	4.4	37.00	37.00	100.00	15.78	100	60
BLRDC37S502501MN	8684216001659	E14	C37	S	40	8	7	4.5	528	117	185	5000	Tuled White	4.5	37.00	37.00	100.00	15.78	100	60
BLRDC37S572501MN	8684216001666	E14	C37	S	40	8	7	4.4	525	118	185	5700	Gloss White	4.4	37.00	37.00	100.00	15.78	100	60
BLRDC37S652501MN	8684216001673	E14	C37	S	40	8	7	4.4	510	115	185	6500	Cool White	4.4	37.00	37.00	100.00	15.78	100	60
BLRDC37A272501MN	8684216001680	E14	C37	A	35	7	6	4.3	456	105	205	2700	Warm White	4.3	37.00	37.00	124.00	17.07	100	48
BLRDC37A302501MN	8684216001697	E14	C37	A	40	8	7	4.5	494	111	205	3000	Mild White	4.5	37.00	37.00	124.00	17.07	100	48
BLRDC37A352501MN	8684216001703	E14	C37	A	40	8	7	4.4	507	114	205	3500	Soft White	4.4	37.00	37.00	124.00	17.07	100	48
BLRDC37A402501MN	8684216001710	E14	C37	A	40	8	7	4.5	525	117	205	4000	Natural White	4.5	37.00	37.00	124.00	17.07	100	48
BLRDC37A502501MN	8684216001727	E14	C37	A	40	8	7	4.5	528	116	205	5000	Tuled White	4.5	37.00	37.00	124.00	17.07	100	48
BLRDC37A572501MN	8684216001734	E14	C37	A	40	8	7	4.4	518	117	205	5700	Gloss White	4.4	37.00	37.00	124.00	17.07	100	48
BLRDC37A652501MN	8684216001741	E14	C37	A	40	8	7	4.4	505	114	205	6500	Cool White	4.4	37.00	37.00	124.00	17.07	100	48

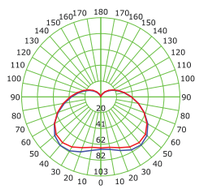
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

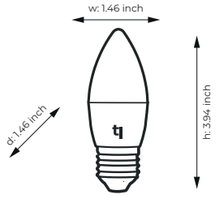
Candle Bulb E27 C37S 2700 K

With an average efficiency of **108 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

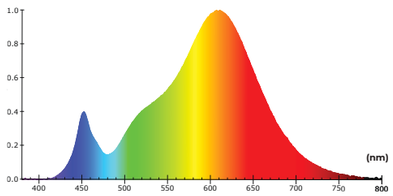
BLRDC37S272501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S272501NN
GTIN (EAN13)	8684216001338
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 2700K
Description	Tuled Redeem Candle Bulb E27 C37S 4.4W 470lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.48 W
Beam Angle	185°
Luminous Flux	470 lm
CRI	85 Ra
Lighting Efficiency	108 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	35 W
Equivalent CFL	7 W
Equivalent LED Bulb	6 W
Tuled	4.4 W
Efficiency Compared to Inc.	727 %
Efficiency Compared to CFL	65 %
Eff. Compared to Traditional LED	31 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

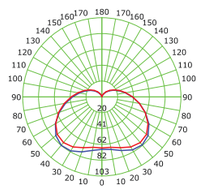
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

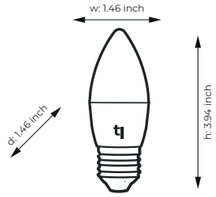
Candle Bulb E27 C37S 3000 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

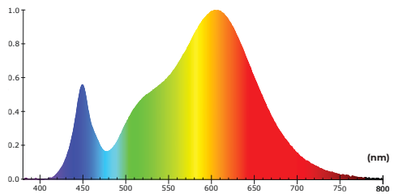
BLRDC37S302501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S302501NN
GTIN (EAN13)	8684216001345
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 3000K
Description	Tuled Redeem Candle Bulb E27 C37S 4.5W 497lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.53 W
Beam Angle	185°
Luminous Flux	497 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	756 %
Efficiency Compared to CFL	71 %
Eff. Compared to Traditional LED	36 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

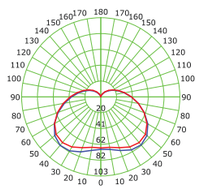
Functions	
Dimmable	No

REDEEM

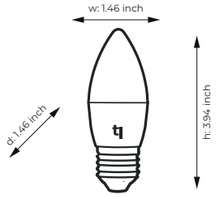
Candle Bulb E27 C37S 3500 K

With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

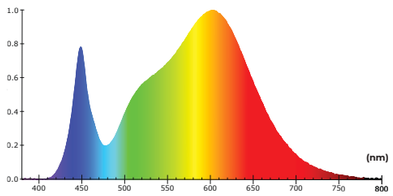
BLRDC37S352501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S352501NN
GTIN (EAN13)	8684216001352
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 3500K
Description	Tuled Redeem Candle Bulb E27 C37S 4.5W 524lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.61 W
Beam Angle	185°
Luminous Flux	524 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	786 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	41 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

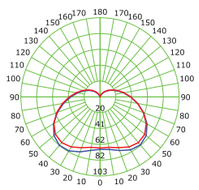
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

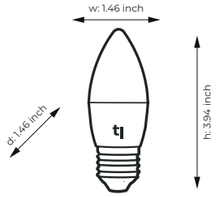
Candle Bulb E27 C37S 4000 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

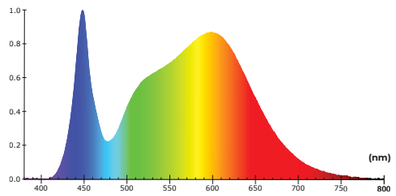
BLRDC37S402501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S402501NN
GTIN (EAN13)	8684216001369
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 4000K
Description	Tuled Redeem Candle Bulb E27 C37S 4.4W 527lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.64 W
Beam Angle	185°
Luminous Flux	527 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	813 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

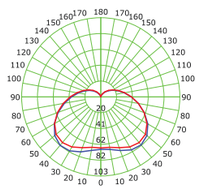
Functions	
Dimmable	No

REDEEM

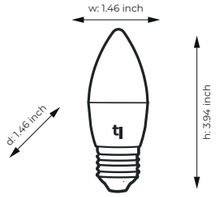
Candle Bulb E27 C37S 5000 K

With an average efficiency of **117 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

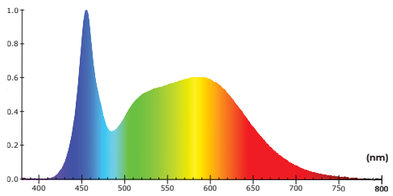
BLRDC37S502501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S502501NN
GTIN (EAN13)	8684216001376
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 5000K
Description	Tuled Redeem Candle Bulb E27 C37S 4.5W 528lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.67 W
Beam Angle	185°
Luminous Flux	528 lm
CRI	85 Ra
Lighting Efficiency	117 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	802 %
Efficiency Compared to CFL	80 %
Eff. Compared to Traditional LED	43 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

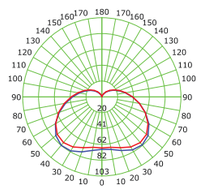
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

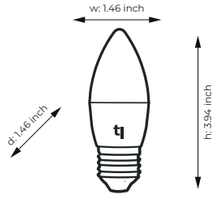
Candle Bulb E27 C37S 5700 K

With an average efficiency of **118 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

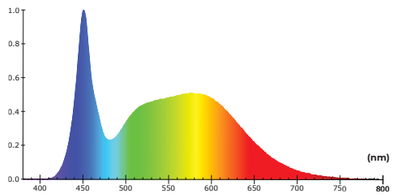
BLRDC37S572501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S572501NN
GTIN (EAN13)	8684216001383
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 5700K
Description	Tuled Redeem Candle Bulb E27 C37S 4.4W 525lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.68 W
Beam Angle	185°
Luminous Flux	525 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	807 %
Efficiency Compared to CFL	81 %
Eff. Compared to Traditional LED	44 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

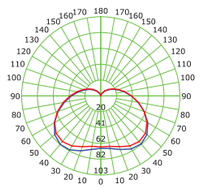
Functions	
Dimmable	No

REDEEM

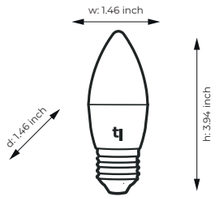
Candle Bulb E27 C37S 6500 K

With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

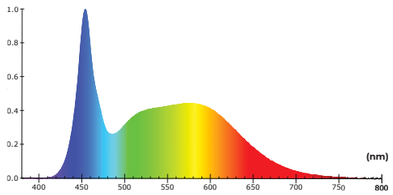
BLRDC37S652501NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID	
Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S652501NN
GTIN (EAN13)	8684216001390
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37S 6500K
Description	Tuled Redeem Candle Bulb E27 C37S 4.4W 510lm 6500K Cool White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Light Characteristic	
Declared Radiant Power	1.68 W
Beam Angle	185°
Luminous Flux	510 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	783 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	40 %

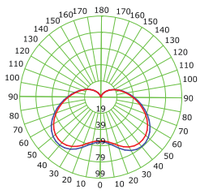
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

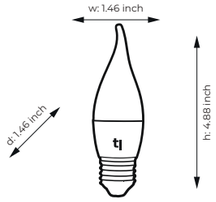
Candle Bulb E27 C37A 2700 K

With an average efficiency of **105 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

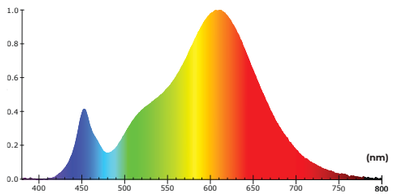
BLRDC37A272501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A272501NN
GTIN (EAN13)	8684216001406
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 2700K
Description	Tuled Redeem Candle Bulb E27 C37A 4.3W 456lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.43 W
Beam Angle	205°
Luminous Flux	456 lm
CRI	85 Ra
Lighting Efficiency	105 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	35 W
Equivalent CFL	7 W
Equivalent LED Bulb	6 W
Tuled	4.3 W
Efficiency Compared to Inc.	710 %
Efficiency Compared to CFL	62 %
Eff. Compared to Traditional LED	28 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

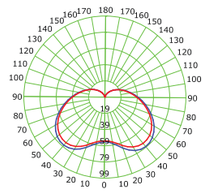
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

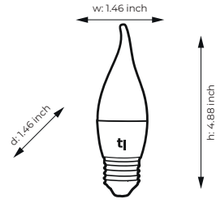
Candle Bulb E27 C37A 3000 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

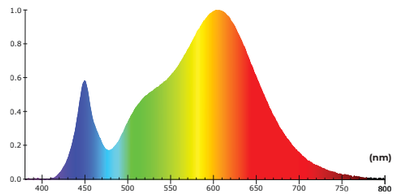
BLRDC37A302501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A302501NN
GTIN (EAN13)	8684216001413
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 3000K
Description	Tuled Redeem Candle Bulb E27 C37A 4.5W 494lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.52 W
Beam Angle	205°
Luminous Flux	494 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	751 %
Efficiency Compared to CFL	70 %
Eff. Compared to Traditional LED	35 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

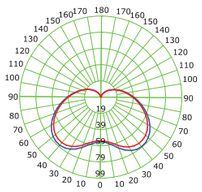
Functions	
Dimmable	No

REDEEM

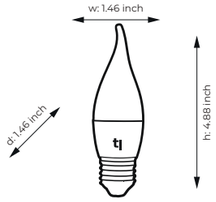
Candle Bulb E27 C37A 3500 K

With an average efficiency of **114 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

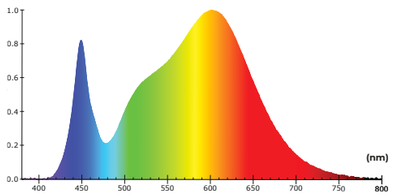
BLRDC37A352501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A352501NN
GTIN (EAN13)	8684216001420
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 3500K
Description	Tuled Redeem Candle Bulb E27 C37A 4.4W 507lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.56 W
Beam Angle	205°
Luminous Flux	507 lm
CRI	85 Ra
Lighting Efficiency	114 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	780 %
Efficiency Compared to CFL	76 %
Eff. Compared to Traditional LED	40 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

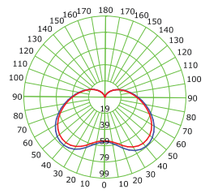
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

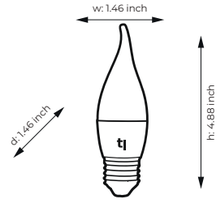
Candle Bulb E27 C37A 4000 K

With an average efficiency of **117 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

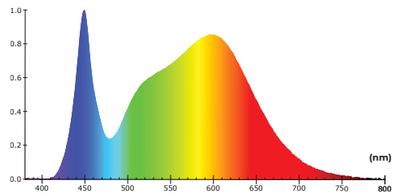
BLRDC37A402501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A402501NN
GTIN (EAN13)	8684216001437
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 4000K
Description	Tuled Redeem Candle Bulb E27 C37A 4.5W 525lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.64 W
Beam Angle	205°
Luminous Flux	525 lm
CRI	85 Ra
Lighting Efficiency	117 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	799 %
Efficiency Compared to CFL	80 %
Eff. Compared to Traditional LED	43 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

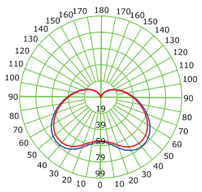
Functions	
Dimmable	No

REDEEM

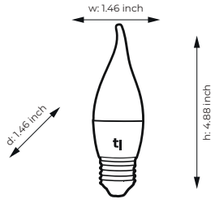
Candle Bulb E27 C37A 5000 K

With an average efficiency of **116 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

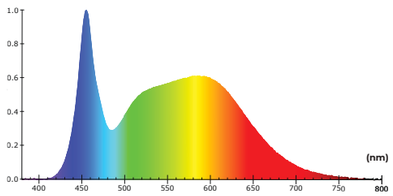
BLRDC37A502501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A502501NN
GTIN (EAN13)	8684216001444
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 5000K
Description	Tuled Redeem Candle Bulb E27 C37A 4.5W 528lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.68 W
Beam Angle	205°
Luminous Flux	528 lm
CRI	85 Ra
Lighting Efficiency	116 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	793 %
Efficiency Compared to CFL	79 %
Eff. Compared to Traditional LED	42 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

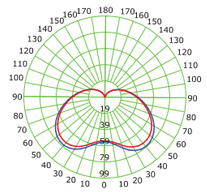
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

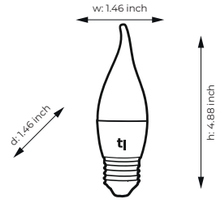
Candle Bulb E27 C37A 5700 K

With an average efficiency of **117 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

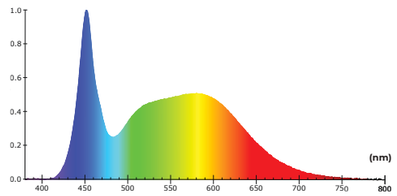
BLRDC37A572501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A572501NN
GTIN (EAN13)	8684216001451
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 5700K
Description	Tuled Redeem Candle Bulb E27 C37A 4.4W 518lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.67 W
Beam Angle	205°
Luminous Flux	518 lm
CRI	85 Ra
Lighting Efficiency	117 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	803 %
Efficiency Compared to CFL	81 %
Eff. Compared to Traditional LED	43 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

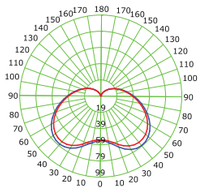
Functions	
Dimmable	No

REDEEM

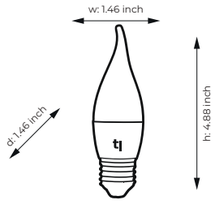
Candle Bulb E27 C37A 6500 K

With an average efficiency of **114 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

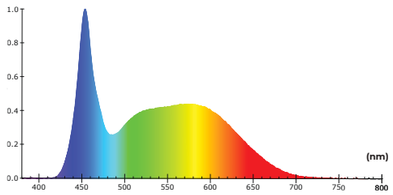
BLRDC37A652501NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A652501NN
GTIN (EAN13)	8684216001468
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Candle Bulb E27 C37A 6500K
Description	Tuled Redeem Candle Bulb E27 C37A 4.4W 505lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Light Characteristic

Declared Radiant Power	1.67 W
Beam Angle	205°
Luminous Flux	505 lm
CRI	85 Ra
Lighting Efficiency	114 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	774 %
Efficiency Compared to CFL	75 %
Eff. Compared to Traditional LED	39 %

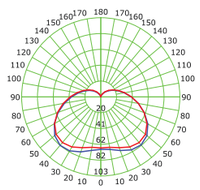
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

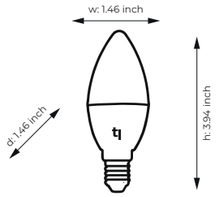
Candle Bulb E14 C37S 2700 K

With an average efficiency of **108 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

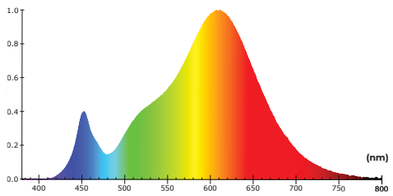
BLRDC37S272501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S272501MN
GTIN (EAN13)	8684216001611
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 2700K
Description	Tuled Redeem Candle Bulb E14 C37S 4.4W 470lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.48 W
Beam Angle	185°
Luminous Flux	470 lm
CRI	85 Ra
Lighting Efficiency	108 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	35 W
Equivalent CFL	7 W
Equivalent LED Bulb	6 W
Tuled	4.4 W
Efficiency Compared to Inc.	727 %
Efficiency Compared to CFL	65 %
Eff. Compared to Traditional LED	31 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

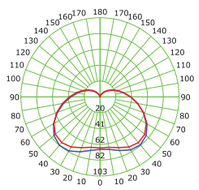
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

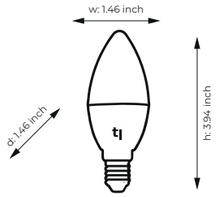
Candle Bulb E14 C37S 3000 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

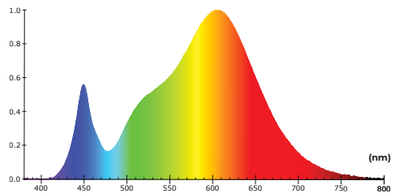
BLRDC37S302501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S302501MN
GTIN (EAN13)	8684216001628
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 3000K
Description	Tuled Redeem Candle Bulb E14 C37S 4.5W 497lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.53 W
Beam Angle	185°
Luminous Flux	497 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	756 %
Efficiency Compared to CFL	71 %
Eff. Compared to Traditional LED	36 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

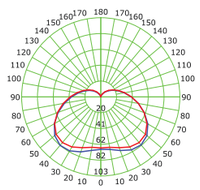
Functions	
Dimmable	No

REDEEM

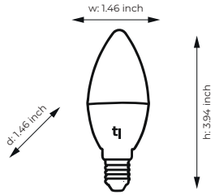
Candle Bulb E14 C37S 3500 K

With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

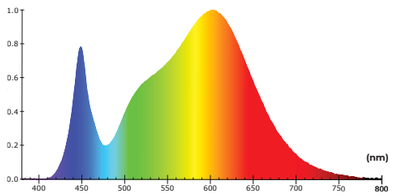
BLRDC37S352501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S352501MN
GTIN (EAN13)	8684216001635
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 3500K
Description	Tuled Redeem Candle Bulb E14 C37S 4.5W 524lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.61 W
Beam Angle	185°
Luminous Flux	524 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	786 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	41 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

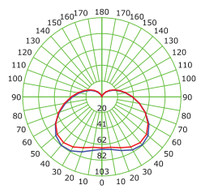
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

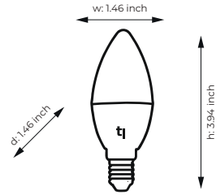
Candle Bulb E14 C37S 4000 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

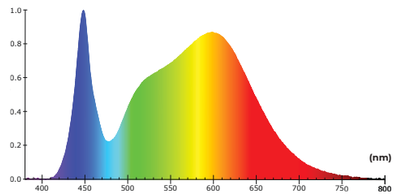
BLRDC37S402501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S402501MN
GTIN (EAN13)	8684216001642
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 4000K
Description	Tuled Redeem Candle Bulb E14 C37S 4.4W 527lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.64 W
Beam Angle	185°
Luminous Flux	527 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	813 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

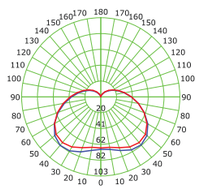
Functions	
Dimmable	No

REDEEM

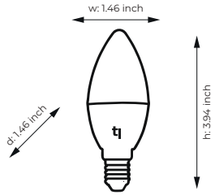
Candle Bulb E14 C37S 5000 K

With an average efficiency of **117 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

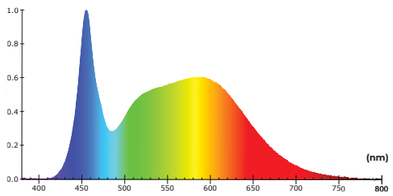
BLRDC37S502501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S502501MN
GTIN (EAN13)	8684216001659
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 5000K
Description	Tuled Redeem Candle Bulb E14 C37S 4.5W 528lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.67 W
Beam Angle	185°
Luminous Flux	528 lm
CRI	85 Ra
Lighting Efficiency	117 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	802 %
Efficiency Compared to CFL	80 %
Eff. Compared to Traditional LED	43 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

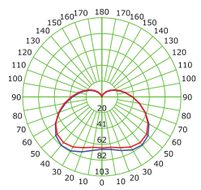
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

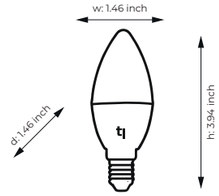
Candle Bulb E14 C37S 5700 K

With an average efficiency of **118 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

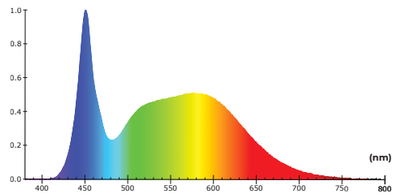
BLRDC37S572501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S572501MN
GTIN (EAN13)	8684216001666
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 5700K
Description	Tuled Redeem Candle Bulb E14 C37S 4.4W 525lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.68 W
Beam Angle	185°
Luminous Flux	525 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	807 %
Efficiency Compared to CFL	81 %
Eff. Compared to Traditional LED	44 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

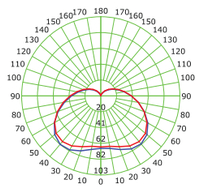
Functions	
Dimmable	No

REDEEM

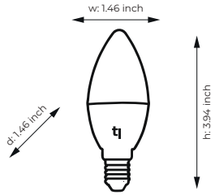
Candle Bulb E14 C37S 6500 K

With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

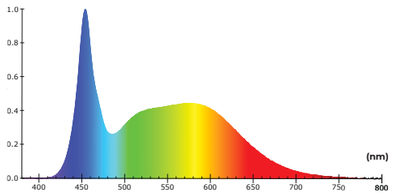
BLRDC37S652501MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37S652501MN
GTIN (EAN13)	8684216001673
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37S 6500K
Description	Tuled Redeem Candle Bulb E14 C37S 4.4W 510lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Light Characteristic

Declared Radiant Power	1.68 W
Beam Angle	185°
Luminous Flux	510 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	783 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	40 %

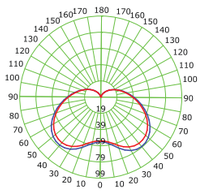
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

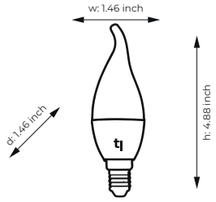
Candle Bulb E14 C37A 2700 K

With an average efficiency of **105 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

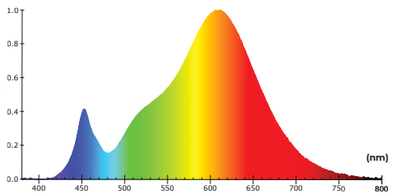
BLRDC37A272501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A272501MN
GTIN (EAN13)	8684216001680
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 2700K
Description	Tuled Redeem Candle Bulb E14 C37A 4.3W 456lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.43 W
Beam Angle	205°
Luminous Flux	456 lm
CRI	85 Ra
Lighting Efficiency	105 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	35 W
Equivalent CFL	7 W
Equivalent LED Bulb	6 W
Tuled	4.3 W
Efficiency Compared to Inc.	710 %
Efficiency Compared to CFL	62 %
Eff. Compared to Traditional LED	28 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

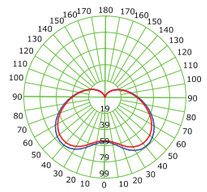
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

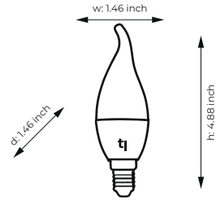
Candle Bulb E14 C37A 3000 K

With an average efficiency of **111 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

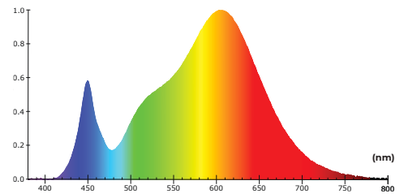
BLRDC37A302501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A302501MN
GTIN (EAN13)	8684216001697
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 3000K
Description	Tuled Redeem Candle Bulb E14 C37A 4.5W 494lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.52 W
Beam Angle	205°
Luminous Flux	494 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	751 %
Efficiency Compared to CFL	70 %
Eff. Compared to Traditional LED	35 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

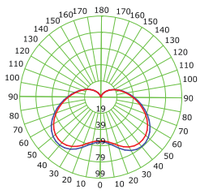
Functions	
Dimmable	No

REDEEM

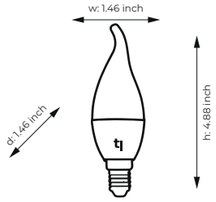
Candle Bulb E14 C37A 3500 K

With an average efficiency of **114 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

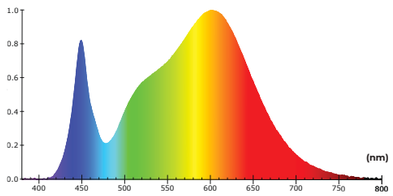
BLRDC37A352501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A352501MN
GTIN (EAN13)	8684216001703
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 3500K
Description	Tuled Redeem Candle Bulb E14 C37A 4.4W 507lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.56 W
Beam Angle	205°
Luminous Flux	507 lm
CRI	85 Ra
Lighting Efficiency	114 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	780 %
Efficiency Compared to CFL	76 %
Eff. Compared to Traditional LED	40 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

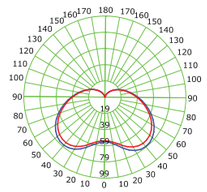
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

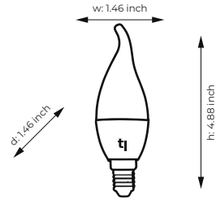
Candle Bulb E14 C37A 4000 K

With an average efficiency of **117 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

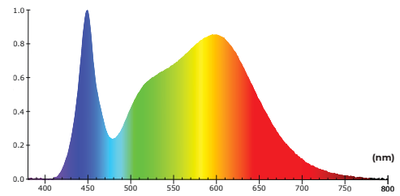
BLRDC37A402501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A402501MN
GTIN (EAN13)	8684216001710
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 4000K
Description	Tuled Redeem Candle Bulb E14 C37A 4.5W 525lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.64 W
Beam Angle	205°
Luminous Flux	525 lm
CRI	85 Ra
Lighting Efficiency	117 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	799 %
Efficiency Compared to CFL	80 %
Eff. Compared to Traditional LED	43 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

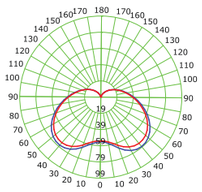
Functions	
Dimmable	No

REDEEM

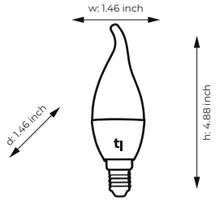
Candle Bulb E14 C37A 5000 K

With an average efficiency of **116 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

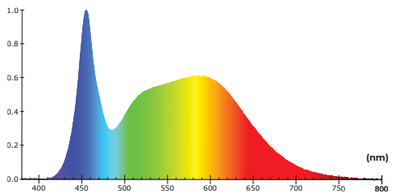
BLRDC37A502501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A502501MN
GTIN (EAN13)	8684216001727
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 5000K
Description	Tuled Redeem Candle Bulb E14 C37A 4.5W 528lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.5 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.68 W
Beam Angle	205°
Luminous Flux	528 lm
CRI	85 Ra
Lighting Efficiency	116 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.5 W
Efficiency Compared to Inc.	793 %
Efficiency Compared to CFL	79 %
Eff. Compared to Traditional LED	42 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

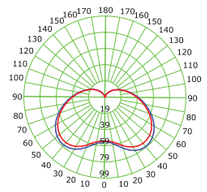
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

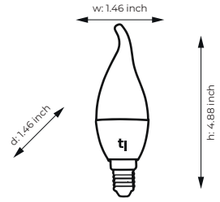
Candle Bulb E14 C37A 5700 K

With an average efficiency of **117 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

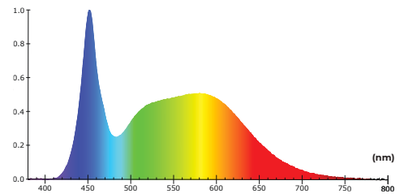
BLRDC37A572501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A572501MN
GTIN (EAN13)	8684216001734
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 5700K
Description	Tuled Redeem Candle Bulb E14 C37A 4.4W 518lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.67 W
Beam Angle	205°
Luminous Flux	518 lm
CRI	85 Ra
Lighting Efficiency	117 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	803 %
Efficiency Compared to CFL	81 %
Eff. Compared to Traditional LED	43 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

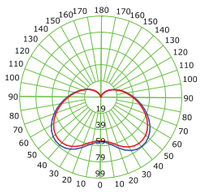
Functions	
Dimmable	No

REDEEM

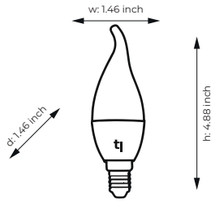
Candle Bulb E14 C37A 6500 K

With an average efficiency of **114 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

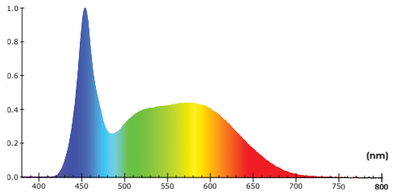
BLRDC37A652501MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem
Product Code	BLRDC37A652501MN
GTIN (EAN13)	8684216001741
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Candle Bulb E14 C37A 6500K
Description	Tuled Redeem Candle Bulb E14 C37A 4.4W 505lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Light Characteristic

Declared Radiant Power	1.67 W
Beam Angle	205°
Luminous Flux	505 lm
CRI	85 Ra
Lighting Efficiency	114 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.4 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	4.4 W
Efficiency Compared to Inc.	774 %
Efficiency Compared to CFL	75 %
Eff. Compared to Traditional LED	39 %

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

Redeem Series
Downlight

Witness the unique combination of innovation and efficiency with Redeem. With its impressive efficiency of **120 lm/W**, the Redeem Series is ideal for everyday use. It offers the optimum solution balancing energy savings, quality, and budget. Capture the ambiance you desire in any environment with our Redeem Series products' **seven different color temperature options**, where we redefine the lighting standards. Personalize your lighting experience to make a difference in your life.

High standard
Quality manufacturing

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to build a unique atmosphere in every space.

CRI Ra+85 | 110-240 VAC | 40-60 Hz | 20,000h+ 15+ Years | -20°C +50°C | 3 Years Warranty | On/Off 60,000+

CE | RoHS | EAC

Product Code	GTIN EAN-13	Base	Case	Case Sub Type	Equivalent INC (W)	Equivalent CFL (W)	Equivalent LED (W)	Tuled Power (W)	Luminous Flux (lm)	Lighting Efficiency (lm/W)	Beam Angle (Degrees)	Color Temp. (K)	Color Temp. Name	Yearly Consumption (kWh/1000h)	Width (mm)	Diameter (mm)	Height (mm)	Weight (g/unit)	Carton (unit)	Euro Pallet (Carton)
DLRDC10W272551NN	8684216000881	N/A	C10	W	40	8	7	5.2	542	104	94	2700	Warm White	5.2	100.50	100.50	27.50	79.70	64	48
DLRDC10W302601NN	8684216000898	N/A	C10	W	45	9	8	5.3	575	109	94	3000	Mild White	5.3	100.50	100.50	27.50	79.70	64	48
DLRDC10W352601NN	8684216000904	N/A	C10	W	45	9	8	5.3	597	113	94	3500	Soft White	5.3	100.50	100.50	27.50	79.70	64	48
DLRDC10W402601NN	8684216000911	N/A	C10	W	45	9	8	5.3	609	115	94	4000	Natural White	5.3	100.50	100.50	27.50	79.70	64	48
DLRDC10W502601NN	8684216000928	N/A	C10	W	45	9	8	5.2	591	114	94	5000	Tuled White	5.2	100.50	100.50	27.50	79.70	64	48
DLRDC10W572601NN	8684216000935	N/A	C10	W	45	9	8	5.2	603	115	94	5700	Gloss White	5.2	100.50	100.50	27.50	79.70	64	48
DLRDC10W652601NN	8684216000942	N/A	C10	W	45	9	8	5.2	588	113	94	6500	Cool White	5.2	100.50	100.50	27.50	79.70	64	48
DLRDC12W272701NN	8684216000959	N/A	C12	W	55	11	9	6.5	706	109	96	2700	Warm White	6.5	118.50	118.50	27.50	104.70	60	27
DLRDC12W302751NN	8684216000966	N/A	C12	W	55	11	10	6.5	747	115	96	3000	Mild White	6.5	118.50	118.50	27.50	104.70	60	27
DLRDC12W352801NN	8684216000973	N/A	C12	W	60	12	10	6.5	774	119	96	3500	Soft White	6.5	118.50	118.50	27.50	104.70	60	27
DLRDC12W402801NN	8684216000980	N/A	C12	W	60	12	10	6.6	792	120	96	4000	Natural White	6.6	118.50	118.50	27.50	104.70	60	27
DLRDC12W502801NN	8684216000997	N/A	C12	W	60	12	10	6.6	782	119	96	5000	Tuled White	6.6	118.50	118.50	27.50	104.70	60	27
DLRDC12W572801NN	8684216001000	N/A	C12	W	60	12	10	6.6	790	120	96	5700	Gloss White	6.6	118.50	118.50	27.50	104.70	60	27
DLRDC12W652801NN	8684216001017	N/A	C12	W	60	12	10	6.5	763	118	96	6500	Cool White	6.5	118.50	118.50	27.50	104.70	60	27
DLRDC18W272152NN	8684216001024	N/A	C18	W	110	22	13	12.7	1.458	115	98	2700	Warm White	12.7	180.00	180.00	27.50	209.60	20	36
DLRDC18W302162NN	8684216001031	N/A	C18	W	120	24	13	12.9	1.556	120	98	3000	Mild White	12.9	180.00	180.00	27.50	209.60	20	36
DLRDC18W352162NN	8684216001048	N/A	C18	W	125	25	14	12.9	1.607	125	98	3500	Soft White	12.9	180.00	180.00	27.50	209.60	20	36
DLRDC18W402162NN	8684216001055	N/A	C18	W	125	25	14	12.8	1.628	127	98	4000	Natural White	12.8	180.00	180.00	27.50	209.60	20	36
DLRDC18W502162NN	8684216001062	N/A	C18	W	120	24	14	12.5	1.590	127	98	5000	Tuled White	12.5	180.00	180.00	27.50	209.60	20	36
DLRDC18W572162NN	8684216001079	N/A	C18	W	125	25	14	12.8	1.645	128	98	5700	Gloss White	12.8	180.00	180.00	27.50	209.60	20	36
DLRDC18W652162NN	8684216001086	N/A	C18	W	125	25	14	12.8	1.608	125	98	6500	Cool White	12.8	180.00	180.00	27.50	209.60	20	36

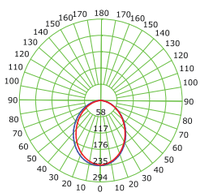
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

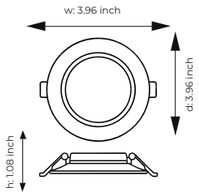
Downlight C10W 2700 K

With an average efficiency of **104 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

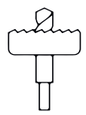
DLRDC10W272551NN



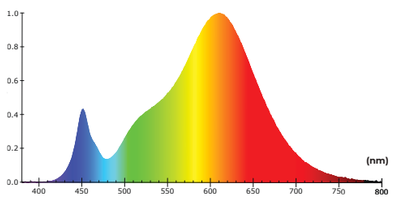
Light Projection Diagram



D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W272551NN
GTIN (EAN13)	8684216000881
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 2700K
Description	Tuled Redeem Downlight C10W 5.2W 542lm 2700K Warm White

Physical Properties

Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	5.2 kWh/1000hours
AC Current	52 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	1.69 W
Beam Angle	94°
Luminous Flux	542 lm
CRI	85 Ra
Lighting Efficiency	104 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	40 W
Equivalent CFL	8 W
Equivalent LED Bulb	7 W
Tuled	5.2 W
Efficiency Compared to Inc.	701 %
Efficiency Compared to CFL	60 %
Eff. Compared to Traditional LED	27 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

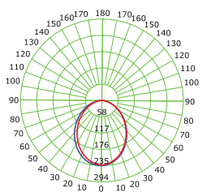
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

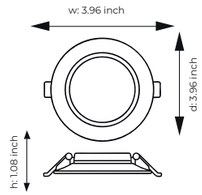
Downlight C10W 3000 K

With an average efficiency of **109 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

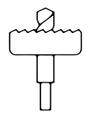
DLRDC10W302601NN



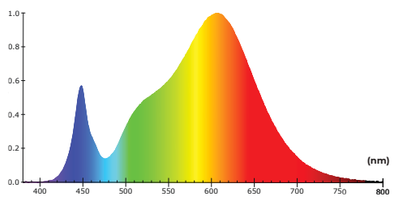
Light Projection Diagram



D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W302601NN
GTIN (EAN13)	8684216000898
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 3000K
Description	Tuled Redeem Downlight C10W 5.3W 575lm 3000K Mild White

Physical Properties

Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	5.3 kWh/1000hours
AC Current	53 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	1.75 W
Beam Angle	94°
Luminous Flux	575 lm
CRI	85 Ra
Lighting Efficiency	109 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	5.3 W
Efficiency Compared to Inc.	738 %
Efficiency Compared to CFL	68 %
Eff. Compared to Traditional LED	33 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

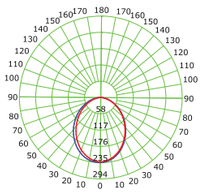
Dimmable	No

REDEEM

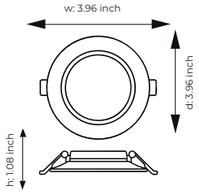
Downlight C10W 3500 K

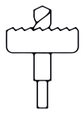
With an average efficiency of **113 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRDC10W352601NN



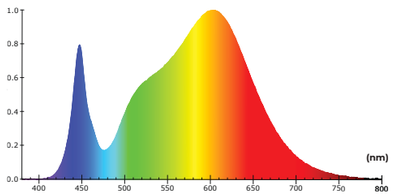
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W352601NN
GTIN (EAN13)	8684216000904
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 3500K
Description	Tuled Redeem Downlight C10W 5.3W 597lm 3500K Soft White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.3 kWh/1000hours
AC Current	53 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.81 W
Beam Angle	94°
Luminous Flux	597 lm
CRI	85 Ra
Lighting Efficiency	113 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	5.3 W
Efficiency Compared to Inc.	772 %
Efficiency Compared to CFL	74 %
Eff. Compared to Traditional LED	38 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

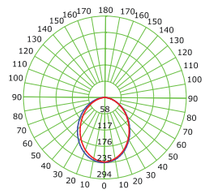
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

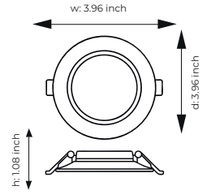
Downlight C10W 4000 K

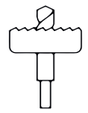
With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRDC10W402601NN



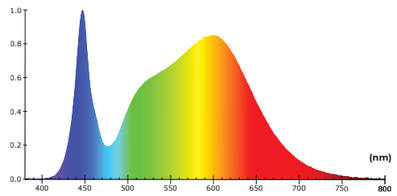
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W402601NN
GTIN (EAN13)	8684216000911
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 4000K
Description	Tuled Redeem Downlight C10W 5.3W 609lm 4000K Natural White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.3 kWh/1000hours
AC Current	53 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.87 W
Beam Angle	94°
Luminous Flux	609 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	5.3 W
Efficiency Compared to Inc.	784 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	40 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

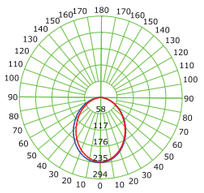
Functions	
Dimmable	No

REDEEM

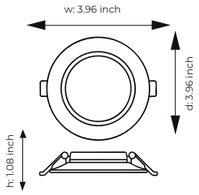
Downlight C10W 5000 K

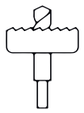
With an average efficiency of **114 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRDC10W502601NN



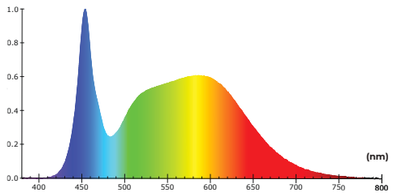
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W502601NN
GTIN (EAN13)	8684216000928
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 5000K
Description	Tuled Redeem Downlight C10W 5.2W 591lm 5000K Tuled White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.2 kWh/1000hours
AC Current	52 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.84 W
Beam Angle	94°
Luminous Flux	591 lm
CRI	85 Ra
Lighting Efficiency	114 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	5.2 W
Efficiency Compared to Inc.	776 %
Efficiency Compared to CFL	75 %
Eff. Compared to Traditional LED	39 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

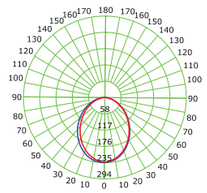
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

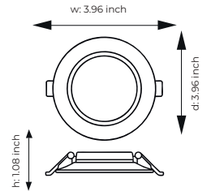
Downlight C10W 5700 K

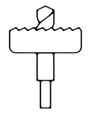
With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRDC10W572601NN



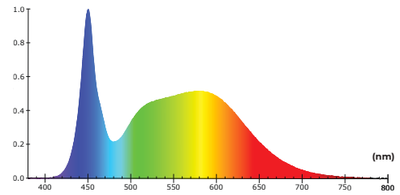
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W572601NN
GTIN (EAN13)	8684216000935
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 5700K
Description	Tuled Redeem Downlight C10W 5.2W 603lm 5700K Gloss White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.2 kWh/1000hours
AC Current	52 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.89 W
Beam Angle	94°
Luminous Flux	603 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	5.2 W
Efficiency Compared to Inc.	787 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	41 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

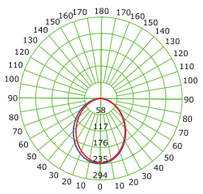
Functions	
Dimmable	No

REDEEM

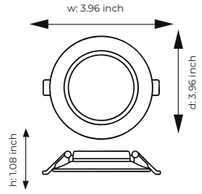
Downlight C10W 6500 K

With an average efficiency of **113 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

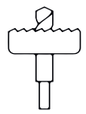
DLRDC10W652601NN



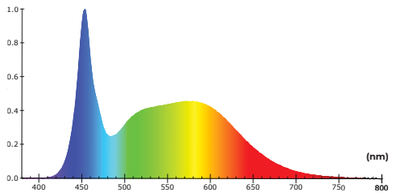
Light Projection Diagram



D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC10W652601NN
GTIN (EAN13)	8684216000942
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C10W 6500K
Description	Tuled Redeem Downlight C10W 5.2W 588lm 6500K Cool White

Physical Properties

Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.2 kWh/1000hours
AC Current	52 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	1.90 W
Beam Angle	94°
Luminous Flux	588 lm
CRI	85 Ra
Lighting Efficiency	113 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	5.2 W
Efficiency Compared to Inc.	766 %
Efficiency Compared to CFL	73 %
Eff. Compared to Traditional LED	37 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

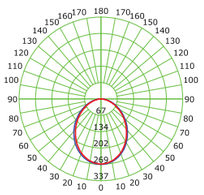
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

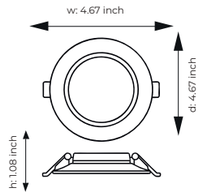
Downlight C12W 2700 K

With an average efficiency of **109 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

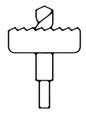
DLRDC12W272701NN



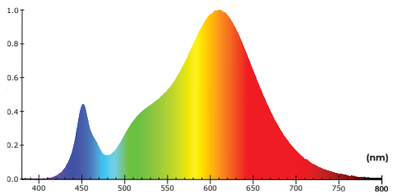
Light Projection Diagram



D: 118.5 mm H: 27.5 mm W: 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W272701NN
GTIN (EAN13)	8684216000959
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 2700K
Description	Tuled Redeem Downlight C12W 6.5W 706lm 2700K Warm White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	F (A-G)
Yearly Consumption	6.5 kWh/1000hours
AC Current	63 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.21 W
Beam Angle	96°
Luminous Flux	706 lm
CRI	85 Ra
Lighting Efficiency	109 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	9 W
Tuled	6.5 W
Efficiency Compared to Inc.	741 %
Efficiency Compared to CFL	68 %
Eff. Compared to Traditional LED	33 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

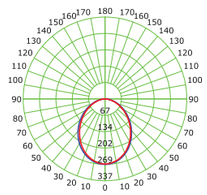
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

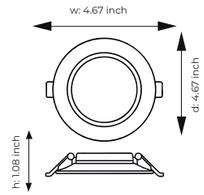
Downlight C12W 3000 K

With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

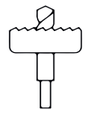
DLRDC12W302751NN



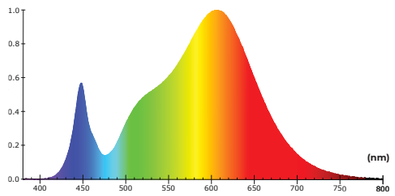
Light Projection Diagram



D: 118.5 mm H: 27.5 mm W: 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W302751NN
GTIN (EAN13)	8684216000966
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 3000K
Description	Tuled Redeem Downlight C12W 6.5W 747lm 3000K Mild White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.5 kWh/1000hours
AC Current	63 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.28 W
Beam Angle	96°
Luminous Flux	747 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	10 W
Tuled	6.5 W
Efficiency Compared to Inc.	781 %
Efficiency Compared to CFL	76 %
Eff. Compared to Traditional LED	40 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

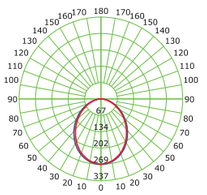
Functions	
Dimmable	No

REDEEM

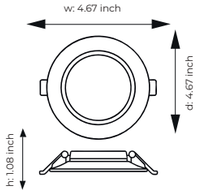
Downlight C12W 3500 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

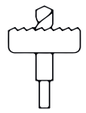
DLRDC12W352801NN



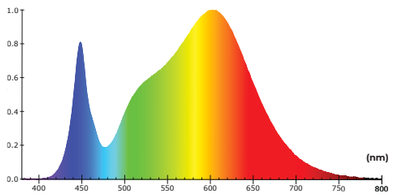
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W352801NN
GTIN (EAN13)	8684216000973
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 3500K
Description	Tuled Redeem Downlight C12W 6.5W 774lm 3500K Soft White

Physical Properties

Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.5 kWh/1000hours
AC Current	63 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.35 W
Beam Angle	96°
Luminous Flux	774 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	6.5 W
Efficiency Compared to Inc.	813 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

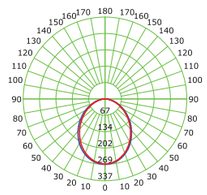
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

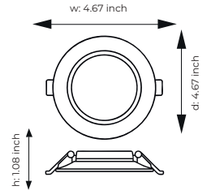
Downlight C12W 4000 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

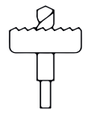
DLRDC12W402801NN



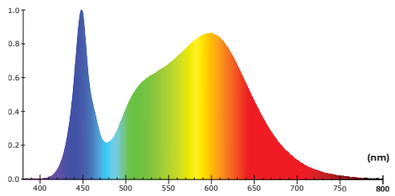
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W402801NN
GTIN (EAN13)	8684216000980
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 4000K
Description	Tuled Redeem Downlight C12W 6.6W 792lm 4000K Natural White

Physical Properties

Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.6 kWh/1000hours
AC Current	63 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.44 W
Beam Angle	96°
Luminous Flux	792 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	6.6 W
Efficiency Compared to Inc.	823 %
Efficiency Compared to CFL	85 %
Eff. Compared to Traditional LED	46 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

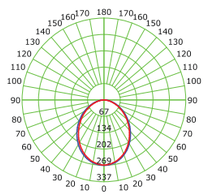
Dimmable	No

REDEEM

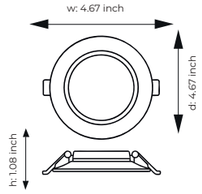
Downlight C12W 5000 K

With an average efficiency of **119 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

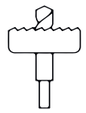
DLRDC12W502801NN



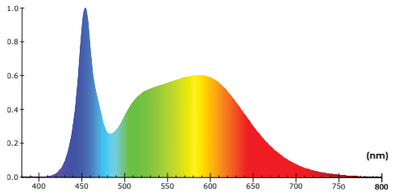
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W502801NN
GTIN (EAN13)	8684216000997
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 5000K
Description	Tuled Redeem Downlight C12W 6.6W 782lm 5000K Tuled White

Physical Properties

Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.6 kWh/1000hours
AC Current	63 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.44 W
Beam Angle	96°
Luminous Flux	782 lm
CRI	85 Ra
Lighting Efficiency	119 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	6.6 W
Efficiency Compared to Inc.	817 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

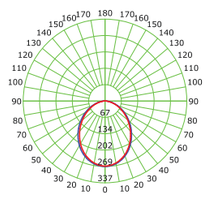
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

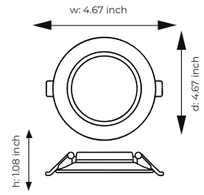
Downlight C12W 5700 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

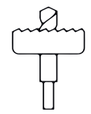
DLRDC12W572801NN



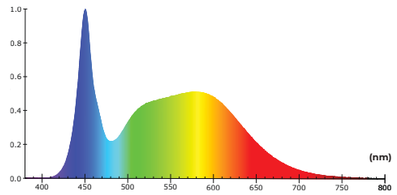
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W572801NN
GTIN (EAN13)	8684216001000
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 5700K
Description	Tuled Redeem Downlight C12W 6.6W 790lm 5700K Gloss White

Physical Properties

Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.6 kWh/1000hours
AC Current	64 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.49 W
Beam Angle	96°
Luminous Flux	790 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	6.6 W
Efficiency Compared to Inc.	826 %
Efficiency Compared to CFL	85 %
Eff. Compared to Traditional LED	47 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

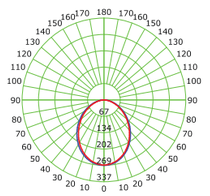
Dimmable	No

REDEEM

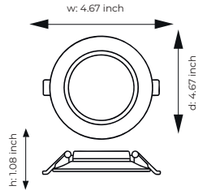
Downlight C12W 6500 K

With an average efficiency of **118 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

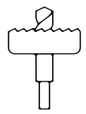
DLRDC12W652801NN



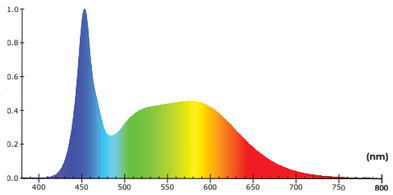
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC12W652801NN
GTIN (EAN13)	8684216001017
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C12W 6500K
Description	Tuled Redeem Downlight C12W 6.5W 763lm 6500K Cool White

Physical Properties

Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.5 kWh/1000hours
AC Current	63 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.46 W
Beam Angle	96°
Luminous Flux	763 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	6.5 W
Efficiency Compared to Inc.	806 %
Efficiency Compared to CFL	81 %
Eff. Compared to Traditional LED	44 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

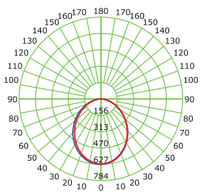
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

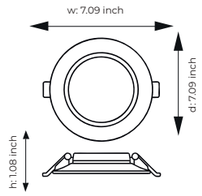
Downlight C18W 2700 K

With an average efficiency of **115 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

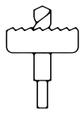
DLRDC18W272152NN



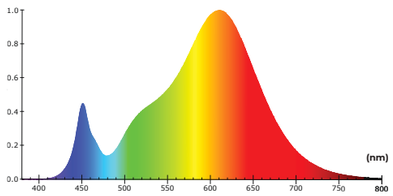
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W272152NN
GTIN (EAN13)	8684216001024
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 2700K
Description	Tuled Redeem Downlight C18W 12.7W 1458lm 2700K Warm White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.7 kWh/1000hours
AC Current	103 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.59 W
Beam Angle	98°
Luminous Flux	1,458 lm
CRI	85 Ra
Lighting Efficiency	115 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	110 W
Equivalent CFL	22 W
Equivalent LED Bulb	19 W
Tuled	12.7 W
Efficiency Compared to Inc.	783 %
Efficiency Compared to CFL	77 %
Eff. Compared to Traditional LED	40 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

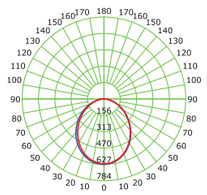
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

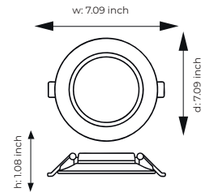
Downlight C18W 3000 K

With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

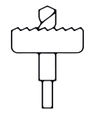
DLRDC18W302162NN



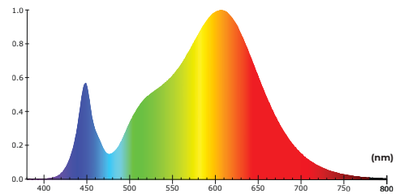
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W302162NN
GTIN (EAN13)	8684216001031
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 3000K
Description	Tuled Redeem Downlight C18W 12.9W 1556lm 3000K Mild White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.9 kWh/1000hours
AC Current	105 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.76 W
Beam Angle	98°
Luminous Flux	1,556 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	120 W
Equivalent CFL	24 W
Equivalent LED Bulb	20 W
Tuled	12.9 W
Efficiency Compared to Inc.	827 %
Efficiency Compared to CFL	85 %
Eff. Compared to Traditional LED	47 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

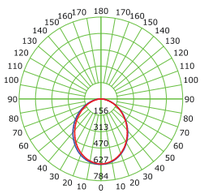
Functions	
Dimmable	No

REDEEM

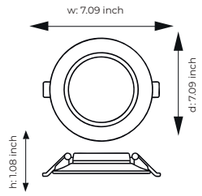
Downlight C18W 3500 K

With an average efficiency of **125 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

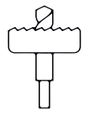
DLRDC18W352162NN



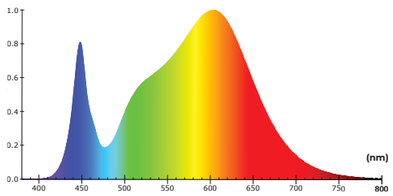
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W352162NN
GTIN (EAN13)	8684216001048
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 3500K
Description	Tuled Redeem Downlight C18W 12.9W 1607lm 3500K Soft White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.9 kWh/1000hours
AC Current	105 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.90 W
Beam Angle	98°
Luminous Flux	1,607 lm
CRI	85 Ra
Lighting Efficiency	125 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	12.9 W
Efficiency Compared to Inc.	858 %
Efficiency Compared to CFL	92 %
Eff. Compared to Traditional LED	52 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

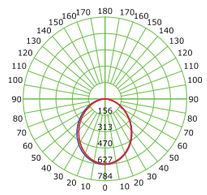
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

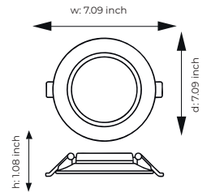
Downlight C18W 4000 K

With an average efficiency of **127 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

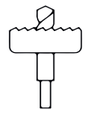
DLRDC18W402162NN



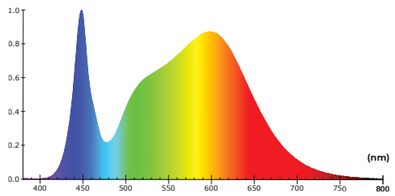
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W402162NN
GTIN (EAN13)	8684216001055
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 4000K
Description	Tuled Redeem Downlight C18W 12.8W 1628lm 4000K Natural White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.8 kWh/1000hours
AC Current	104 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.53

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.02 W
Beam Angle	98°
Luminous Flux	1,628 lm
CRI	85 Ra
Lighting Efficiency	127 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	12.8 W
Efficiency Compared to Inc.	878 %
Efficiency Compared to CFL	96 %
Eff. Compared to Traditional LED	55 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

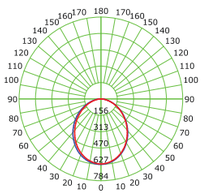
Functions	
Dimmable	No

REDEEM

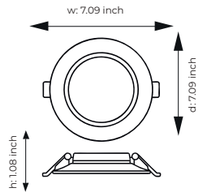
Downlight C18W 5000 K

With an average efficiency of **127 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

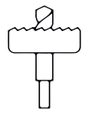
DLRDC18W502162NN



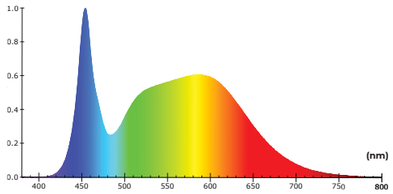
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W502162NN
GTIN (EAN13)	8684216001062
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 5000K
Description	Tuled Redeem Downlight C18W 12.5W 1590lm 5000K Tuled White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.5 kWh/1000hours
AC Current	102 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.53

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.97 W
Beam Angle	98°
Luminous Flux	1,590 lm
CRI	85 Ra
Lighting Efficiency	127 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	120 W
Equivalent CFL	24 W
Equivalent LED Bulb	20 W
Tuled	12.5 W
Efficiency Compared to Inc.	876 %
Efficiency Compared to CFL	95 %
Eff. Compared to Traditional LED	55 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

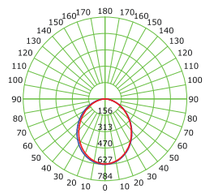
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM

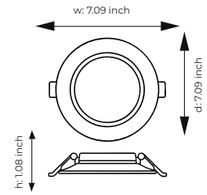
Downlight C18W 5700 K

With an average efficiency of **128 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

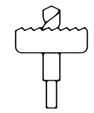
DLRDC18W572162NN



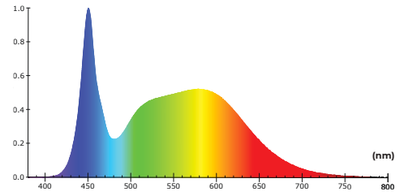
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W572162NN
GTIN (EAN13)	8684216001079
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 5700K
Description	Tuled Redeem Downlight C18W 12.8W 1645lm 5700K Gloss White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.8 kWh/1000hours
AC Current	104 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.53

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.19 W
Beam Angle	98°
Luminous Flux	1,645 lm
CRI	85 Ra
Lighting Efficiency	128 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	12.8 W
Efficiency Compared to Inc.	887 %
Efficiency Compared to CFL	97 %
Eff. Compared to Traditional LED	56 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

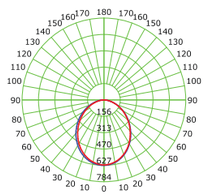
Functions	
Dimmable	No

REDEEM

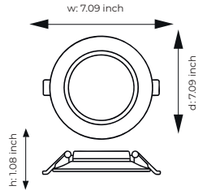
Downlight C18W 6500 K

With an average efficiency of **125 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

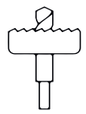
DLRDC18W652162NN



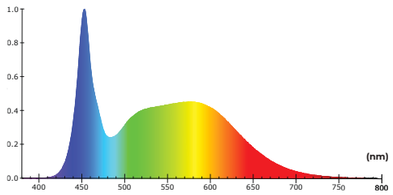
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem
Product Code	DLRDC18W652162NN
GTIN (EAN13)	8684216001086
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Downlight C18W 6500K
Description	Tuled Redeem Downlight C18W 12.8W 1608lm 6500K Cool White

Physical Properties

Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	36 (carton)
Euro Pallet	720 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	12.8 kWh/1000hours
AC Current	104 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	5.18 W
Beam Angle	98°
Luminous Flux	1,608 lm
CRI	85 Ra
Lighting Efficiency	125 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	12.8 W
Efficiency Compared to Inc.	864 %
Efficiency Compared to CFL	93 %
Eff. Compared to Traditional LED	53 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	55°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	60,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

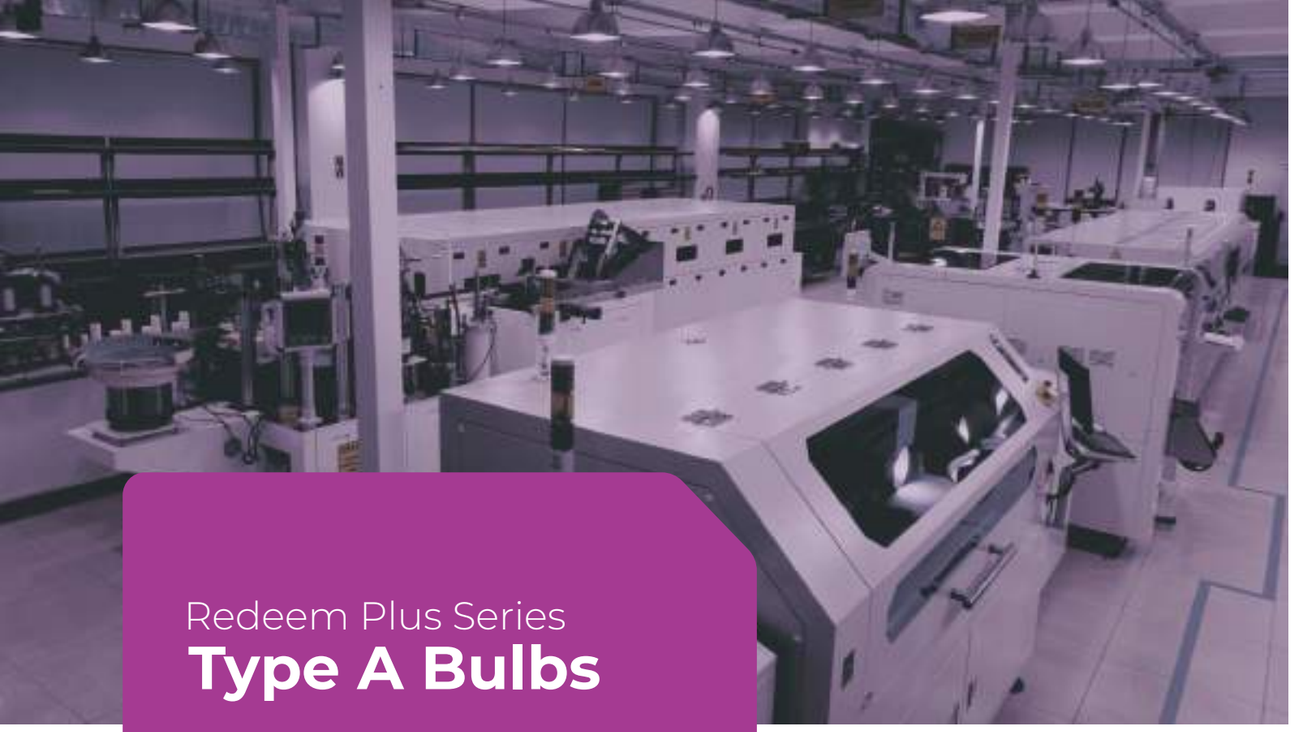
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

Redeem
Plus Series

Go Beyond
the Border

We have taken your lighting experience to the next level without compromising quality.

www.tuled.com.tr



Redeem Plus Series

Type A Bulbs

Take your lighting experience one step further and go beyond the ordinary with **Redeem Plus**. Experience the difference in energy efficiency and lighting quality with its innovative design and superior efficiency of **140 lm/W**. **With seven (7) different color options**, Redeem Plus offers lighting, comfort, and a new lifestyle.

High standard
Quality manufacturing

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to build a unique atmosphere in every space.

CRI Ra+85 | 110-240 VAC | 40-60 Hz | 20,000h+ 15+ Years | -20°C +50°C | 3 Years Warranty | On/Off 100,000+

CE | RoHS | EAC

Product Code	GTIN EAN-13	Base	Case	Case Sub Type	Equivalent INC (W)	Equivalent CFL (W)	Equivalent LED (W)	Tuled Power (W)	Luminous Flux (lm)	Lighting Efficiency (lm/W)	Beam Angle (Degrees)	Color Temp. (K)	Color Temp. Name	Yearly Consumption (kWh/1000h)	Width (mm)	Diameter (mm)	Height (mm)	Weight (g/unit)	Weight (g/unit)	Euro Pallet (Carton)
BLRPA60S272601NN	8684216000287	E27	A60	S	45	9	8	4.6	617	135	170	2700	Warm White	4,6	60	60	110	28	100	2.400
BLRPA60S302701NN	8684216000744	E27	A60	S	50	10	9	4.7	655	141	170	3000	Mild White	4,7	60	60	110	28	100	2.400
BLRPA60S352701NN	8684216000300	E27	A60	S	50	10	9	4.6	655	141	170	3500	Soft White	4,6	60	60	110	28	100	2.400
BLRPA60S402701NN	8684216000317	E27	A60	S	55	11	9	4.7	695	147	170	4000	Natural White	4,7	60	60	110	28	100	2.400
BLRPA60S502701NN	8684216000324	E27	A60	S	55	11	9	4.7	690	147	170	5000	Tuled White	4,7	60	60	110	28	100	2.400
BLRPA60S572701NN	8684216000331	E27	A60	S	50	10	9	4.6	673	145	170	5700	Gloss White	4,6	60	60	110	28	100	2.400
BLRPA60S652701NN	8684216000348	E27	A60	S	50	10	9	4.7	679	143	170	6500	Cool White	4,7	60	60	110	28	100	2.400
BLRPA60A272801NN	8684216000355	E27	A60	A	60	12	10	5.7	781	137	170	2700	Warm White	5.7	60	60	118	29	100	2.400
BLRPA60A302901NN	8684216000751	E27	A60	A	65	13	11	5.9	841	143	170	3000	Mild White	5.9	60	60	118	29	100	2.400
BLRPA60A352901NN	8684216000379	E27	A60	A	65	13	11	5.8	828	143	170	3500	Soft White	5.8	60	60	118	29	100	2.400
BLRPA60A402901NN	8684216000386	E27	A60	A	65	13	11	5.7	864	151	170	4000	Natural White	5.7	60	60	118	29	100	2.400
BLRPA60A502901NN	8684216000393	E27	A60	A	65	13	11	5.8	863	149	170	5000	Tuled White	5.8	60	60	118	29	100	2.400
BLRPA60A572901NN	8684216000409	E27	A60	A	65	13	11	5.8	858	149	170	5700	Gloss White	5.8	60	60	118	29	100	2.400
BLRPA60A652901NN	8684216000416	E27	A60	A	65	13	11	5.8	845	145	170	6500	Cool White	5.8	60	60	118	29	100	2.400
BLRPA70S272122NN	8684216000768	E27	A70	S	90	18	15	8,8	1.183	135	160	2700	Warm White	8.8	70	70	134	38	80	960
BLRPA70S302132NN	8684216000775	E27	A70	S	95	19	16	8,9	1.258	141	160	3000	Mild White	8.9	70	70	134	38	80	960
BLRPA70S352132NN	8684216000782	E27	A70	S	95	19	16	8,9	1.262	141	160	3500	Soft White	8.9	70	70	134	38	80	960
BLRPA70S402132NN	8684216000799	E27	A70	S	100	20	17	8,9	1.296	146	160	4000	Natural White	8.9	70	70	134	38	80	960
BLRPA70S502132NN	8684216000805	E27	A70	S	100	20	17	9,1	1.322	146	160	5000	Tuled White	9.1	70	70	134	38	80	960
BLRPA70S572132NN	8684216000812	E27	A70	S	100	20	17	8,9	1.296	145	160	5700	Gloss White	8.9	70	70	134	38	80	960
BLRPA70S652132NN	8684216000829	E27	A70	S	100	20	16	8,9	1.279	144	160	6500	Cool White	8.9	70	70	134	38	80	960
BLRPA80S272152NN	8684216000836	E27	A80	S	115	23	19	11,1	1.479	133	190	2700	Warm White	11.1	80	80	148	48	50	900
BLRPA80S302162NN	8684216000508	E27	A80	S	120	24	20	11,1	1.553	140	190	3000	Mild White	11.1	80	80	148	48	50	900
BLRPA80S352162NN	8684216000843	E27	A80	S	120	24	20	11,1	1.566	141	190	3500	Soft White	11.1	80	80	148	48	50	900
BLRPA80S402162NN	8684216000522	E27	A80	S	125	25	21	11,1	1.607	145	190	4000	Natural White	11.1	80	80	148	48	50	900
BLRPA80S502162NN	8684216000850	E27	A80	S	125	25	21	11,3	1.648	145	190	5000	Tuled White	11.3	80	80	148	48	50	900
BLRPA80S572162NN	8684216000867	E27	A80	S	125	25	21	11,3	1.637	145	190	5700	Gloss White	11.3	80	80	148	48	50	900
BLRPA80S652162NN	8684216000874	E27	A80	S	125	25	21	11,1	1.613	145	190	6500	Cool White	11.1	80	80	148	48	50	900

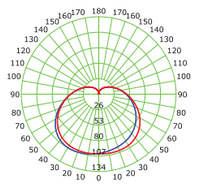
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

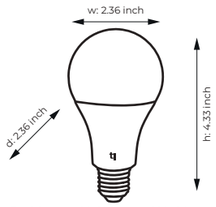
LED Bulb E27 A60S 2700 K

With an average efficiency of **135 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

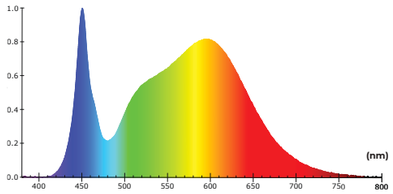
BLRPA60S272601NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S272601NN
GTIN (EAN13)	8684216000287
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 2700K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.6W 617lm 2700K Warm White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.6 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.40

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.92 W
Beam Angle	170°
Luminous Flux	617 lm
CRI	85 Ra
Lighting Efficiency	135 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.6 W
Efficiency Compared to Inc.	936 %
Efficiency Compared to CFL	107 %
Eff. Compared to Traditional LED	64 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

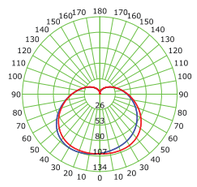
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

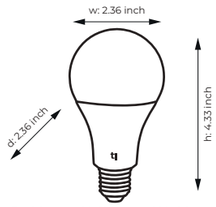
LED Bulb E27 A60S 3000 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

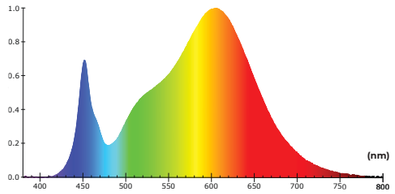
BLRPA60S302701NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S302701NN
GTIN (EAN13)	8684216000744
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 3000K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.7W 655lm 3000K Mild White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.7 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.41

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.00 W
Beam Angle	170°
Luminous Flux	655 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	4.7 W
Efficiency Compared to Inc.	982 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

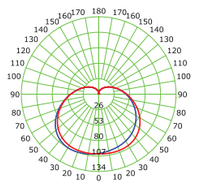
Functions	
Dimmable	No

REDEEM PLUS

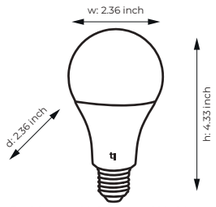
LED Bulb E27 A60S 3500 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

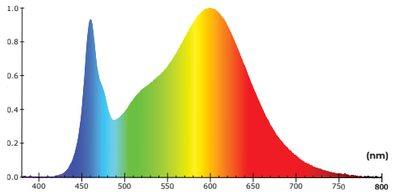
BLRPA60S352701NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S352701NN
GTIN (EAN13)	8684216000300
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 3500K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.6W 655lm 3500K Soft White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.6 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.41

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.99 W
Beam Angle	170°
Luminous Flux	655 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	4.6 W
Efficiency Compared to Inc.	988 %
Efficiency Compared to CFL	118 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

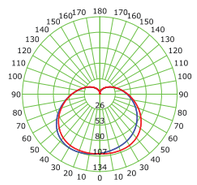
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

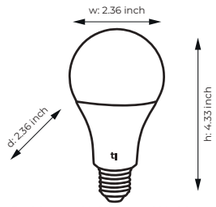
LED Bulb E27 A60S 4000 K

With an average efficiency of **147 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

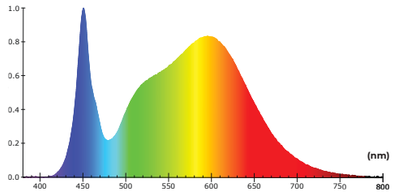
BLRPA60S402701NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S402701NN
GTIN (EAN13)	8684216000317
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 4000K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.7W 695lm 4000K Natural White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.7 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.15 W
Beam Angle	170°
Luminous Flux	695 lm
CRI	85 Ra
Lighting Efficiency	147 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	9 W
Tuled	4.7 W
Efficiency Compared to Inc.	1,028 %
Efficiency Compared to CFL	126 %
Eff. Compared to Traditional LED	79 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

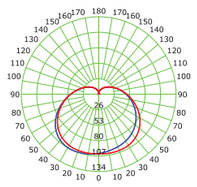
Functions	
Dimmable	No

REDEEM PLUS

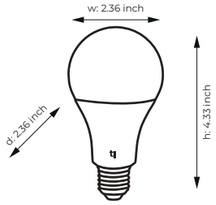
LED Bulb E27 A60S 5000 K

With an average efficiency of **147 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

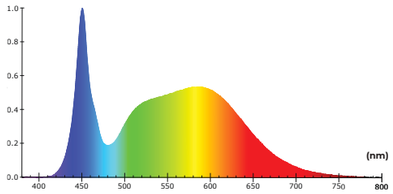
BLRPA60S502701NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S502701NN
GTIN (EAN13)	8684216000324
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 5000K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.7W 690lm 5000K Tuled White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.7 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.16 W
Beam Angle	170°
Luminous Flux	690 lm
CRI	85 Ra
Lighting Efficiency	147 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	9 W
Tuled	4.7 W
Efficiency Compared to Inc.	1,031 %
Efficiency Compared to CFL	126 %
Eff. Compared to Traditional LED	79 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

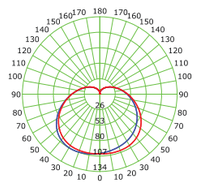
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

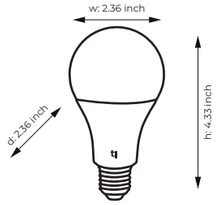
LED Bulb E27 A60S 5700 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

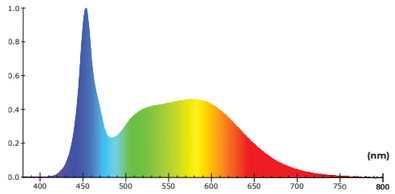
BLRPA60S572701NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S572701NN
GTIN (EAN13)	8684216000331
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 5700K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.6W 673lm 5700K Gloss White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.6 kWh/1000hours
AC Current	49 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.41

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.15 W
Beam Angle	170°
Luminous Flux	673 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	4.6 W
Efficiency Compared to Inc.	1,015 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

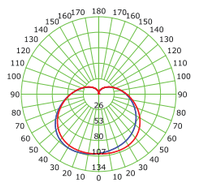
Functions	
Dimmable	No

REDEEM PLUS

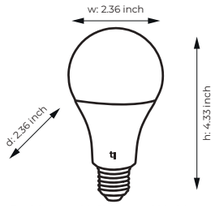
LED Bulb E27 A60S 6500 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

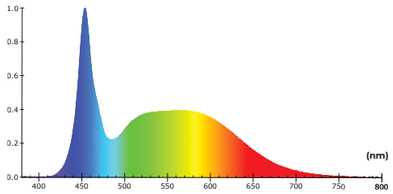
BLRPA60S652701NN



Light Projection Diagram



D: 60 mm **H:** 110 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID	
Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S652701NN
GTIN (EAN13)	8684216000348
Case	A60
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60S 6500K
Description	Tuled Redeem Plus LED Bulb E27 A60S 4.7W 679lm 6500K Cool White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	110 mm
Weight	28 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.7 kWh/1000hours
AC Current	50 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.41

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.24 W
Beam Angle	170°
Luminous Flux	679 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	4.7 W
Efficiency Compared to Inc.	1,002 %
Efficiency Compared to CFL	120 %
Eff. Compared to Traditional LED	75 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

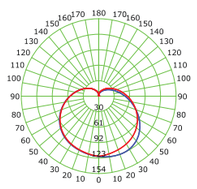
Make Your Work Shine with
Tuled Quality

REDEEM PLUS

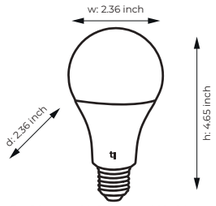
LED Bulb E27 A60A 2700 K

With an average efficiency of **137 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

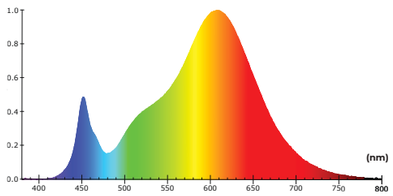
BLRPA60A272801NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A272801NN
GTIN (EAN13)	8684216000355
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 2700K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.7W 781lm 2700K Warm White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.7 kWh/1000hours
AC Current	56 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.44 W
Beam Angle	170°
Luminous Flux	781 lm
CRI	85 Ra
Lighting Efficiency	137 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	60 W
Equivalent CFL	12 W
Equivalent LED Bulb	10 W
Tuled	5.7 W
Efficiency Compared to Inc.	953 %
Efficiency Compared to CFL	111 %
Eff. Compared to Traditional LED	67 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

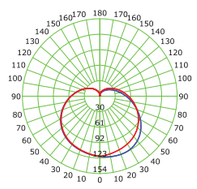
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

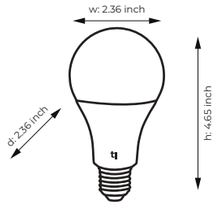
LED Bulb E27 A60A 3000 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

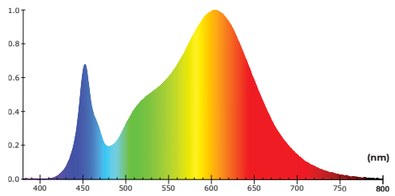
BLRPA60A302901NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A302901NN
GTIN (EAN13)	8684216000751
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 3000K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.9W 841lm 3000K Mild White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.9 kWh/1000hours
AC Current	58 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.58 W
Beam Angle	170°
Luminous Flux	841 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	5.9 W
Efficiency Compared to Inc.	1,002 %
Efficiency Compared to CFL	120 %
Eff. Compared to Traditional LED	75 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

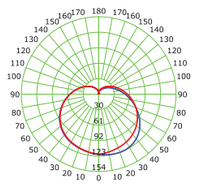
Functions	
Dimmable	No

REDEEM PLUS

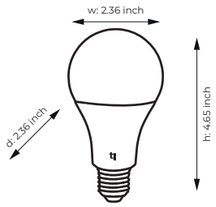
LED Bulb E27 A60A 3500 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

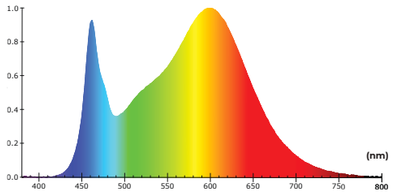
BLRPA60A352901NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A352901NN
GTIN (EAN13)	8684216000379
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 3500K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.8W 828lm 3500K Soft White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.8 kWh/1000hours
AC Current	57 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.53 W
Beam Angle	170°
Luminous Flux	828 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	5.8 W
Efficiency Compared to Inc.	1,000 %
Efficiency Compared to CFL	120 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

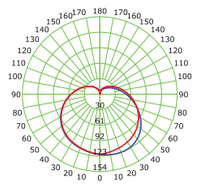
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

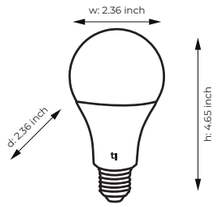
LED Bulb E27 A60A 4000 K

With an average efficiency of **151 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

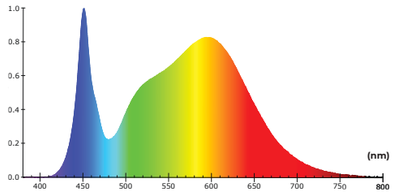
BLRPA60A402901NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A402901NN
GTIN (EAN13)	8684216000386
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 4000K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.7W 864lm 4000K Natural White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.7 kWh/1000hours
AC Current	57 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.64 W
Beam Angle	170°
Luminous Flux	864 lm
CRI	85 Ra
Lighting Efficiency	151 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	5.7 W
Efficiency Compared to Inc.	1,058 %
Efficiency Compared to CFL	132 %
Eff. Compared to Traditional LED	84 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

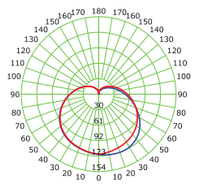
Functions	
Dimmable	No

REDEEM PLUS

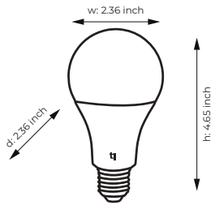
LED Bulb E27 A60A 5000 K

With an average efficiency of **149 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

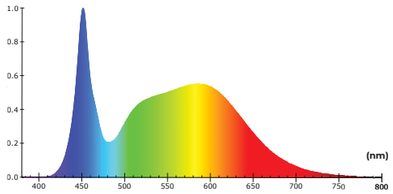
BLRPA60A502901NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A502901NN
GTIN (EAN13)	8684216000393
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 5000K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.8W 863lm 5000K Tuled White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.8 kWh/1000hours
AC Current	57 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.72 W
Beam Angle	170°
Luminous Flux	863 lm
CRI	85 Ra
Lighting Efficiency	149 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	5.8 W
Efficiency Compared to Inc.	1,046 %
Efficiency Compared to CFL	129 %
Eff. Compared to Traditional LED	82 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

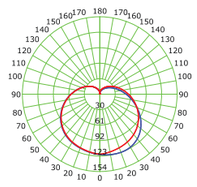
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

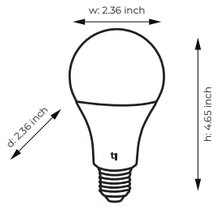
LED Bulb E27 A60A 5700 K

With an average efficiency of **149 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

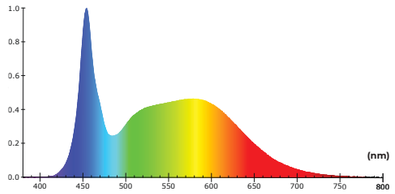
BLRPA60A572901NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A572901NN
GTIN (EAN13)	8684216000409
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 5700K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.8W 858lm 5700K Gloss White

Physical Properties	
Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.8 kWh/1000hours
AC Current	57 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.76 W
Beam Angle	170°
Luminous Flux	858 lm
CRI	85 Ra
Lighting Efficiency	149 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	5.8 W
Efficiency Compared to Inc.	1,043 %
Efficiency Compared to CFL	129 %
Eff. Compared to Traditional LED	81 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

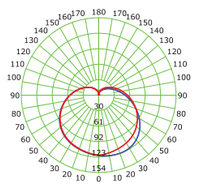
Functions	
Dimmable	No

REDEEM PLUS

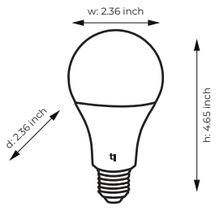
LED Bulb E27 A60A 6500 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

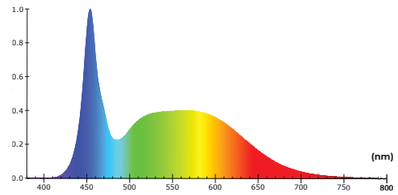
BLRPA60A652901NN



Light Projection Diagram



D: 60 mm **H:** 118 mm **W:** 60 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A652901NN
GTIN (EAN13)	8684216000416
Case	A60
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A60A 6500K
Description	Tuled Redeem Plus LED Bulb E27 A60A 5.8W 845lm 6500K Cool White

Physical Properties

Width (W)	60 mm
Diameter (D)	60 mm
Height (H)	118 mm
Weight	29 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	24 (carton)
Euro Pallet	2,400 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.8 kWh/1000hours
AC Current	58 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.44

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.79 W
Beam Angle	170°
Luminous Flux	845 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	5.8 W
Efficiency Compared to Inc.	1,017 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

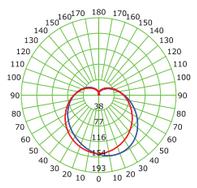
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

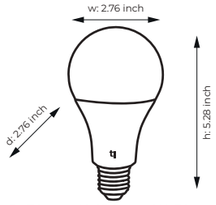
LED Bulb E27 A70S 2700 K

With an average efficiency of **135 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

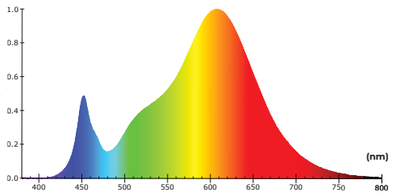
BLRPA70S272122NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S272122NN
GTIN (EAN13)	8684216000768
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 2700K
Description	Tuled Redeem Plus LED Bulb E27 A70S 8.8W 1183lm 2700K Warm White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	8.8 kWh/1000hours
AC Current	80 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.70 W
Beam Angle	160°
Luminous Flux	1,183 lm
CRI	85 Ra
Lighting Efficiency	135 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	90 W
Equivalent CFL	18 W
Equivalent LED Bulb	15 W
Tuled	8.8 W
Efficiency Compared to Inc.	936 %
Efficiency Compared to CFL	107 %
Eff. Compared to Traditional LED	64 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

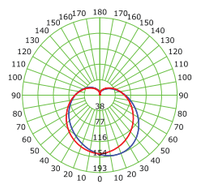
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

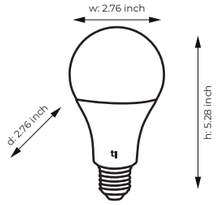
LED Bulb E27 A70S 3000 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

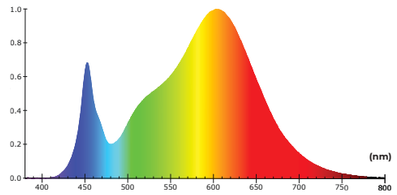
BLRPA70S302132NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S302132NN
GTIN (EAN13)	8684216000775
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 3000K
Description	Tuled Redeem Plus LED Bulb E27 A70S 8.9W 1258lm 3000K Mild White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	8.9 kWh/1000hours
AC Current	81 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.87 W
Beam Angle	160°
Luminous Flux	1,258 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	95 W
Equivalent CFL	19 W
Equivalent LED Bulb	16 W
Tuled	8.9 W
Efficiency Compared to Inc.	982 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

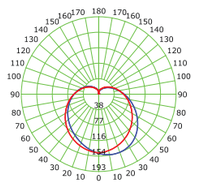
Functions	
Dimmable	No

REDEEM PLUS

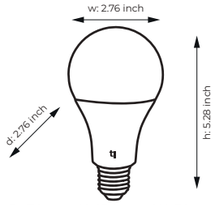
LED Bulb E27 A70S 3500 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

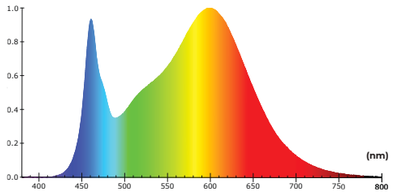
BLRPA70S352132NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S352132NN
GTIN (EAN13)	8684216000782
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 3500K
Description	Tuled Redeem Plus LED Bulb E27 A70S 8.9W 1262lm 3500K Soft White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	8.9 kWh/1000hours
AC Current	81 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.86 W
Beam Angle	160°
Luminous Flux	1,262 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	95 W
Equivalent CFL	19 W
Equivalent LED Bulb	16 W
Tuled	8.9 W
Efficiency Compared to Inc.	986 %
Efficiency Compared to CFL	117 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

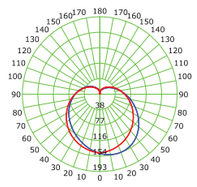
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

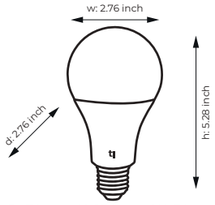
LED Bulb E27 A70S 4000 K

With an average efficiency of **146 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

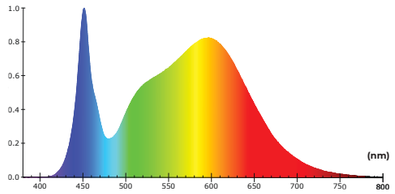
BLRPA70S402132NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S402132NN
GTIN (EAN13)	8684216000799
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 4000K
Description	Tuled Redeem Plus LED Bulb E27 A70S 8.9W 1296lm 4000K Natural White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	8.9 kWh/1000hours
AC Current	80 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	3.97 W
Beam Angle	160°
Luminous Flux	1,296 lm
CRI	85 Ra
Lighting Efficiency	146 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	100 W
Equivalent CFL	20 W
Equivalent LED Bulb	17 W
Tuled	8.9 W
Efficiency Compared to Inc.	1,026 %
Efficiency Compared to CFL	125 %
Eff. Compared to Traditional LED	79 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

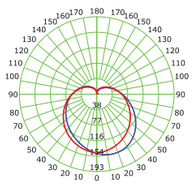
Functions	
Dimmable	No

REDEEM PLUS

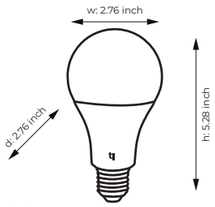
LED Bulb E27 A70S 5000 K

With an average efficiency of **146 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

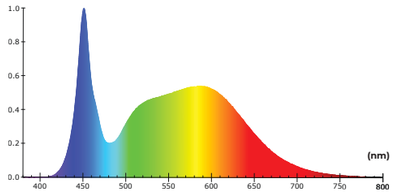
BLRPA70S502132NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S502132NN
GTIN (EAN13)	8684216000805
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 5000K
Description	Tuled Redeem Plus LED Bulb E27 A70S 9.1W 1322lm 5000K Tuled White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	9.1 kWh/1000hours
AC Current	82 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.17 W
Beam Angle	160°
Luminous Flux	1,322 lm
CRI	85 Ra
Lighting Efficiency	146 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	100 W
Equivalent CFL	20 W
Equivalent LED Bulb	17 W
Tuled	9.1 W
Efficiency Compared to Inc.	1,023 %
Efficiency Compared to CFL	125 %
Eff. Compared to Traditional LED	78 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

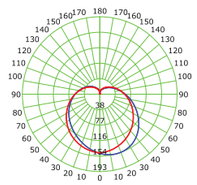
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

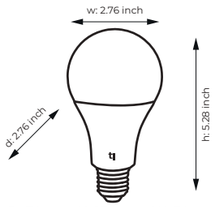
LED Bulb E27 A70S 5700 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

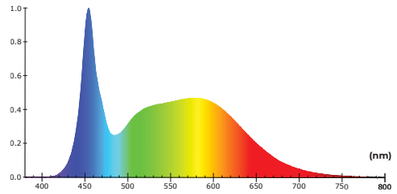
BLRPA70S572132NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S572132NN
GTIN (EAN13)	8684216000812
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 5700K
Description	Tuled Redeem Plus LED Bulb E27 A70S 8.9W 1296lm 5700K Gloss White

Physical Properties	
Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	8.9 kWh/1000hours
AC Current	79 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.49

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.18 W
Beam Angle	160°
Luminous Flux	1,296 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	100 W
Equivalent CFL	20 W
Equivalent LED Bulb	17 W
Tuled	8.9 W
Efficiency Compared to Inc.	1,018 %
Efficiency Compared to CFL	124 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

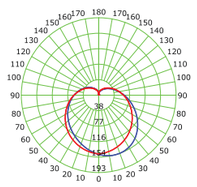
Functions	
Dimmable	No

REDEEM PLUS

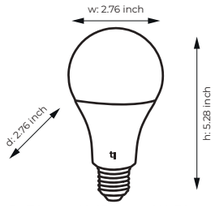
LED Bulb E27 A70S 6500 K

With an average efficiency of **144 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

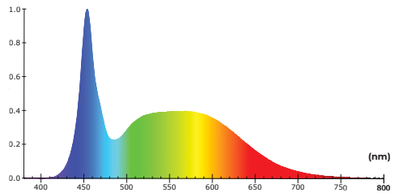
BLRPA70S652132NN



Light Projection Diagram



D: 70 mm **H:** 134 mm **W:** 70 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S652132NN
GTIN (EAN13)	8684216000829
Case	A70
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A70S 6500K
Description	Tuled Redeem Plus LED Bulb E27 A70S 8.9W 1279lm 6500K Cool White

Physical Properties

Width (W)	70 mm
Diameter (D)	70 mm
Height (H)	134 mm
Weight	38 g/unit
IP Class	IP50
Carton	80 (pcs)
Euro Pallet	12 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	8.9 kWh/1000hours
AC Current	80 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.48

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	4.23 W
Beam Angle	160°
Luminous Flux	1,279 lm
CRI	85 Ra
Lighting Efficiency	144 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	100 W
Equivalent CFL	20 W
Equivalent LED Bulb	16 W
Tuled	8.9 W
Efficiency Compared to Inc.	1,009 %
Efficiency Compared to CFL	122 %
Eff. Compared to Traditional LED	76 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

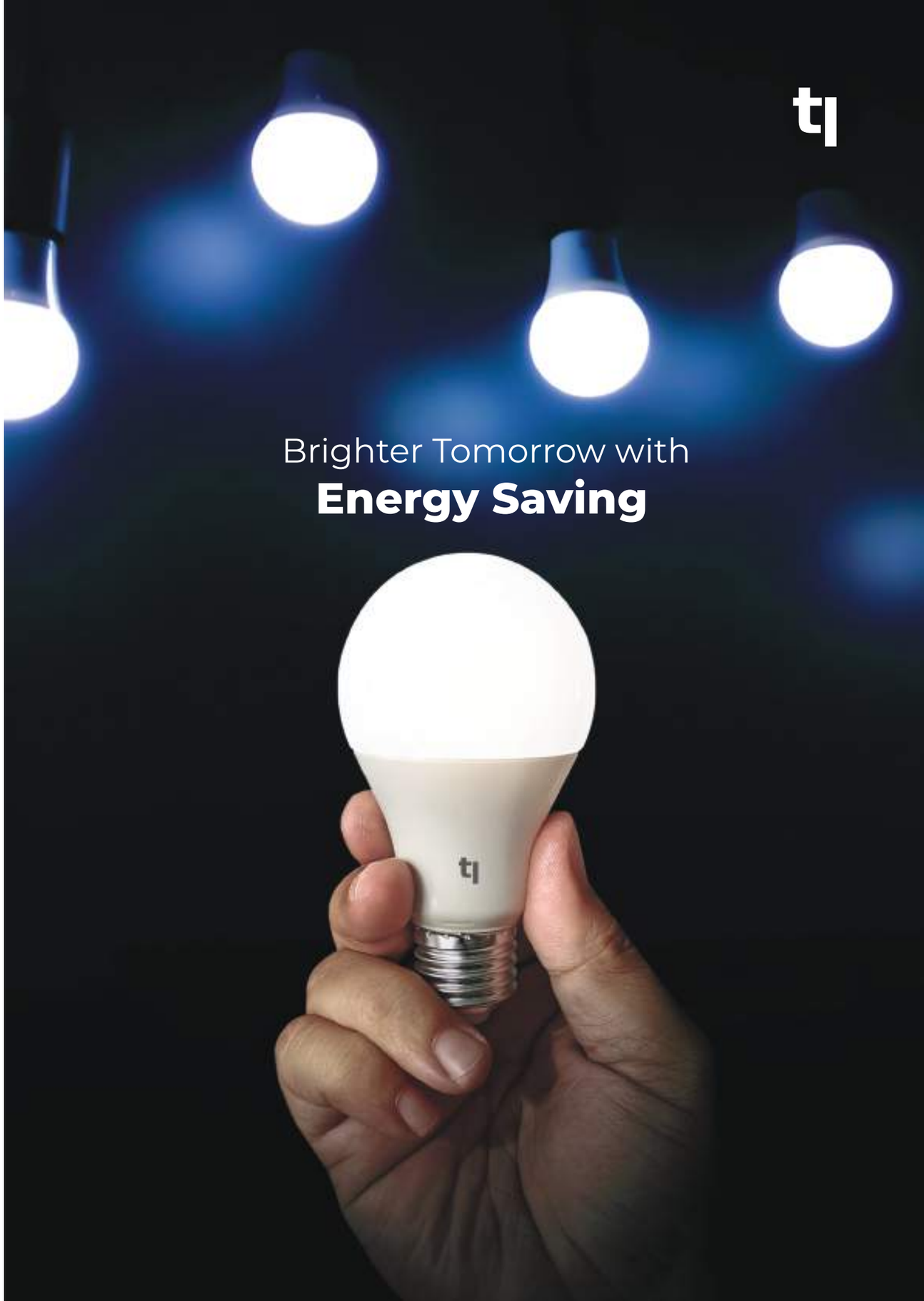
Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

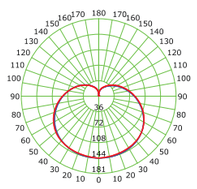


REDEEM PLUS

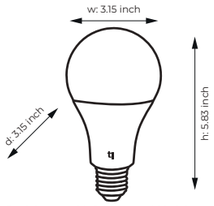
LED Bulb E27 A80S 2700 K

With an average efficiency of **133 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

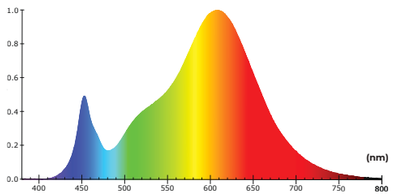
BLRPA80S272152NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S272152NN
GTIN (EAN13)	8684216000836
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 2700K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.1W 1479lm 2700K Warm White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	11.1 kWh/1000hours
AC Current	95 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.51

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.66 W
Beam Angle	190°
Luminous Flux	1,479 lm
CRI	85 Ra
Lighting Efficiency	133 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	115 W
Equivalent CFL	23 W
Equivalent LED Bulb	19 W
Tuled	11.1 W
Efficiency Compared to Inc.	926 %
Efficiency Compared to CFL	105 %
Eff. Compared to Traditional LED	63 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

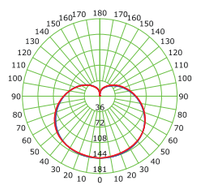
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

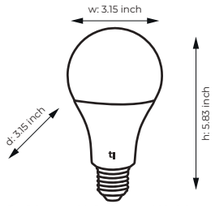
LED Bulb E27 A80S 3000 K

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

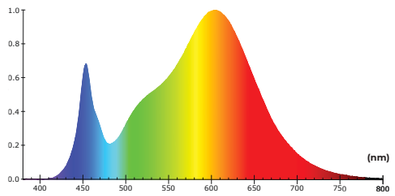
BLRPA80S302162NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S302162NN
GTIN (EAN13)	8684216000508
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 3000K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.1W 1553lm 3000K Mild White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	11.1 kWh/1000hours
AC Current	94 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.51

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.80 W
Beam Angle	190°
Luminous Flux	1,553 lm
CRI	85 Ra
Lighting Efficiency	140 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	120 W
Equivalent CFL	24 W
Equivalent LED Bulb	20 W
Tuled	11.1 W
Efficiency Compared to Inc.	978 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	71 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

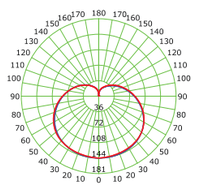
Functions	
Dimmable	No

REDEEM PLUS

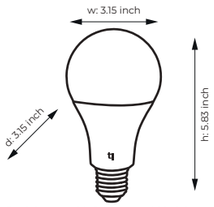
LED Bulb E27 A80S 3500 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

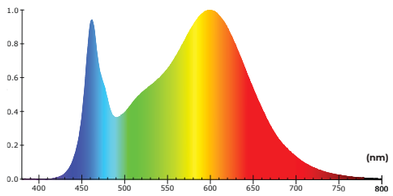
BLRPA80S352162NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S352162NN
GTIN (EAN13)	8684216000843
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 3500K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.1W 1566lm 3500K Soft White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	11.1 kWh/1000hours
AC Current	95 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.51

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.83 W
Beam Angle	190°
Luminous Flux	1,566 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	120 W
Equivalent CFL	24 W
Equivalent LED Bulb	20 W
Tuled	11.1 W
Efficiency Compared to Inc.	986 %
Efficiency Compared to CFL	117 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

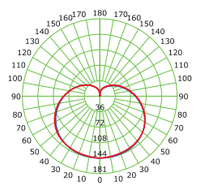
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

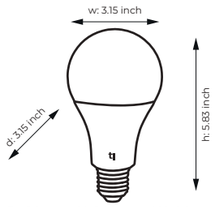
LED Bulb E27 A80S 4000 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

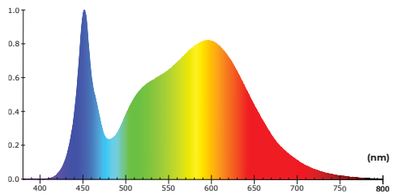
BLRPA80S402162NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S402162NN
GTIN (EAN13)	8684216000522
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 4000K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.1W 1607lm 4000K Natural White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	11.1 kWh/1000hours
AC Current	95 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.51

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	4.97 W
Beam Angle	190°
Luminous Flux	1,607 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	11.1 W
Efficiency Compared to Inc.	1,013 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

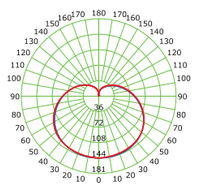
Functions	
Dimmable	No

REDEEM PLUS

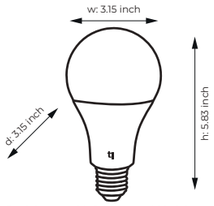
LED Bulb E27 A80S 5000 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

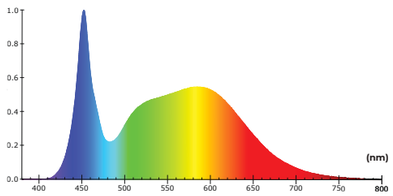
BLRPA80S502162NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S502162NN
GTIN (EAN13)	8684216000850
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 5000K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.3W 1648lm 5000K Tuled White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	11.3 kWh/1000hours
AC Current	97 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.51

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.26 W
Beam Angle	190°
Luminous Flux	1,648 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	11.3 W
Efficiency Compared to Inc.	1,017 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

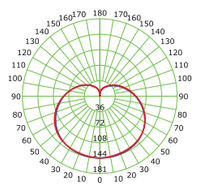
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

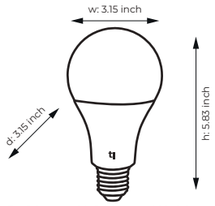
LED Bulb E27 A80S 5700 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

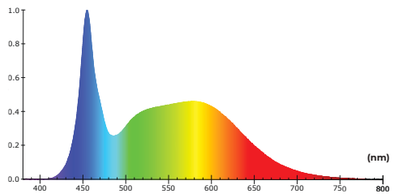
BLRPA80S572162NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S572162NN
GTIN (EAN13)	8684216000867
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 5700K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.3W 1637lm 5700K Gloss White

Physical Properties	
Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	11.3 kWh/1000hours
AC Current	94 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.32 W
Beam Angle	190°
Luminous Flux	1,637 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	11.3 W
Efficiency Compared to Inc.	1,016 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

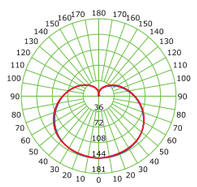
Functions	
Dimmable	No

REDEEM PLUS

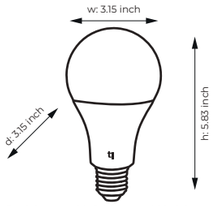
LED Bulb E27 A80S 6500 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

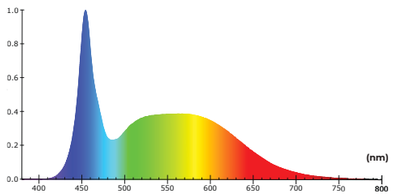
BLRPA80S652162NN



Light Projection Diagram



D: 80 mm **H:** 148 mm **W:** 80 mm



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S652162NN
GTIN (EAN13)	8684216000874
Case	A80
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus LED Bulb E27 A80S 6500K
Description	Tuled Redeem Plus LED Bulb E27 A80S 11.1W 1613lm 6500K Cool White

Physical Properties

Width (W)	80 mm
Diameter (D)	80 mm
Height (H)	148 mm
Weight	48 g/unit
IP Class	IP50
Carton	50 (pcs)
Euro Pallet	18 (carton)
Euro Pallet	900 (pcs)

Light Characteristic

Declared Radiant Power	5.39 W
Beam Angle	190°
Luminous Flux	1,613 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	65°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	11.1 kWh/1000hours
AC Current	93 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.52

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

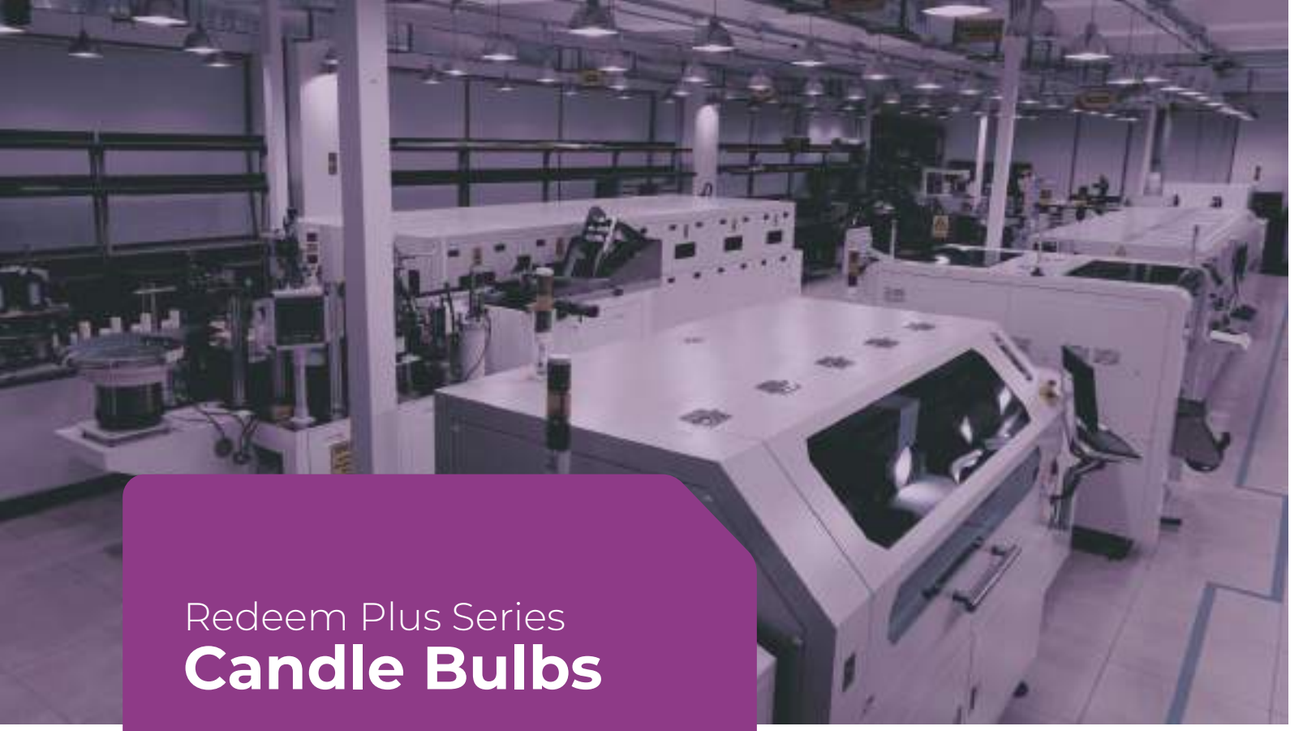
Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	125 W
Equivalent CFL	25 W
Equivalent LED Bulb	21 W
Tuled	11.1 W
Efficiency Compared to Inc.	1,017 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.



Redeem Plus Series

Candle Bulbs

Take your lighting experience one step further and go beyond the ordinary with **Redeem Plus**. Experience the difference in energy efficiency and lighting quality with its innovative design and superior efficiency of **140 lm/W**. **With seven (7) different color options**, Redeem Plus offers lighting, comfort, and a new lifestyle.

High standard
Quality manufacturing

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to build a unique atmosphere in every space.

CRI Ra+85 | 110-240 VAC | 40-60 Hz | 20,000h+ 15+ Years | -20°C +50°C | 3 Years Warranty | On/Off 100,000+

CE | RoHS | EAC

Product Code	GTIN EAN-13	Base	Case	Case Sub Type	Equivalent INC (W)	Equivalent CFL (W)	Equivalent LED (W)	Tuled Power (W)	Luminous Flux (lm)	Lighting Efficiency (lm/W)	Beam Angle (Degrees)	Color Temp. (K)	Color Temp. Name	Yearly Consumption (kWh/1000h)	Width (mm)	Diameter (mm)	Height (mm)	Weight (g/unit)	Carton (unit)	Euro Pallet (Carton)
BLRPC37S272601NN	8684216001475	E27	C37	S	45	9	8	4.3	571	134	185	2700	Warm White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37S302601NN	8684216001482	E27	C37	S	45	9	8	4.3	590	136	185	3000	Mild White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37S352601NN	8684216001499	E27	C37	S	45	9	8	4.3	606	141	185	3500	Soft White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37S402601NN	8684216001505	E27	C37	S	45	9	8	4.3	609	142	185	4000	Natural White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37S502601NN	8684216001512	E27	C37	S	50	10	8	4.3	621	145	185	5000	Tuled White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37S572601NN	8684216001529	E27	C37	S	45	9	8	4.3	609	141	185	5700	Gloss White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37S652601NN	8684216001536	E27	C37	S	45	9	8	4.3	594	138	185	6500	Cool White	4.3	37.00	37.00	100.00	18.03	100	60
BLRPC37A272601NN	8684216001543	E27	C37	A	45	9	8	4.3	570	132	205	2700	Warm White	4.3	37.00	37.00	124.00	19.12	100	48
BLRPC37A302601NN	8684216001550	E27	C37	A	45	9	8	4.3	581	135	205	3000	Mild White	4.3	37.00	37.00	124.00	19.12	100	48
BLRPC37A352601NN	8684216001567	E27	C37	A	45	9	8	4.2	590	140	205	3500	Soft White	4.2	37.00	37.00	124.00	19.12	100	48
BLRPC37A402601NN	8684216001574	E27	C37	A	45	9	8	4.3	604	141	205	4000	Natural White	4.3	37.00	37.00	124.00	19.12	100	48
BLRPC37A502601NN	8684216001581	E27	C37	A	45	9	8	4.3	610	143	205	5000	Tuled White	4.3	37.00	37.00	124.00	19.12	100	48
BLRPC37A572601NN	8684216001598	E27	C37	A	45	9	8	4.3	603	140	205	5700	Gloss White	4.3	37.00	37.00	124.00	19.12	100	48
BLRPC37A652601NN	8684216001604	E27	C37	A	45	9	8	4.2	579	137	205	6500	Cool White	4.2	37.00	37.00	124.00	19.12	100	48
BLRPC37S272601MN	8684216001604	E14	C37	S	45	9	8	4.3	571	134	185	2700	Warm White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37S302601MN	8684216001765	E14	C37	S	45	9	8	4.3	590	136	185	3000	Mild White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37S352601MN	8684216001772	E14	C37	S	45	9	8	4.3	606	141	185	3500	Soft White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37S402601MN	8684216001789	E14	C37	S	45	9	8	4.3	609	142	185	4000	Natural White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37S502601MN	8684216001796	E14	C37	S	50	10	8	4.3	621	145	185	5000	Tuled White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37S572601MN	8684216001802	E14	C37	S	45	9	8	4.3	609	141	185	5700	Gloss White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37S652601MN	8684216001819	E14	C37	S	45	9	8	4.3	594	138	185	6500	Cool White	4.3	37.00	37.00	100.00	15.78	100	60
BLRPC37A272601MN	8684216001826	E14	C37	A	45	9	8	4.3	570	132	205	2700	Warm White	4.3	37.00	37.00	124.00	17.07	100	48
BLRPC37A302601MN	8684216001833	E14	C37	A	45	9	8	4.3	581	135	205	3000	Mild White	4.3	37.00	37.00	124.00	17.07	100	48
BLRDC37A352501MN	8684216001840	E14	C37	A	45	9	8	4.2	590	140	205	3500	Soft White	4.2	37.00	37.00	124.00	17.07	100	48
BLRPC37A402601MN	8684216001857	E14	C37	A	45	9	8	4.3	604	141	205	4000	Natural White	4.3	37.00	37.00	124.00	17.07	100	48
BLRPC37A502601MN	8684216001864	E14	C37	A	45	9	8	4.3	610	143	205	5000	Tuled White	4.3	37.00	37.00	124.00	17.07	100	48
BLRPC37A572601MN	8684216001871	E14	C37	A	45	9	8	4.3	603	140	205	5700	Gloss White	4.3	37.00	37.00	124.00	17.07	100	48
BLRPC37A652601MN	8684216001888	E14	C37	A	45	9	8	4.2	579	137	205	6500	Cool White	4.2	37.00	37.00	124.00	17.07	100	48

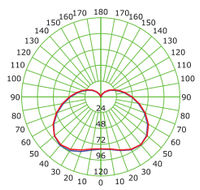
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

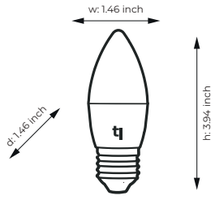
Candle Bulb E27 C37S 2700 K

With an average efficiency of **134 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

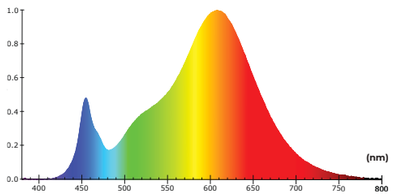
BLRPC37S272601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S272601NN
GTIN (EAN13)	8684216001475
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 2700K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 571lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.78 W
Beam Angle	185°
Luminous Flux	571 lm
CRI	85 Ra
Lighting Efficiency	134 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	927 %
Efficiency Compared to CFL	105 %
Eff. Compared to Traditional LED	63 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

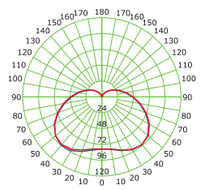
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

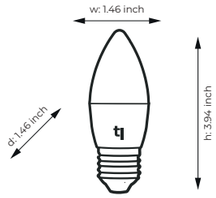
Candle Bulb E27 C37S 3000 K

With an average efficiency of **136 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

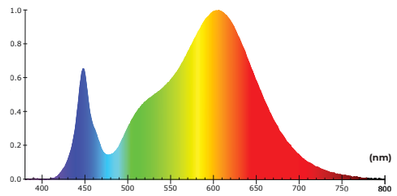
BLRPC37S302601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S302601NN
GTIN (EAN13)	8684216001482
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 3000K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 590lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.82 W
Beam Angle	185°
Luminous Flux	590 lm
CRI	85 Ra
Lighting Efficiency	136 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	947 %
Efficiency Compared to CFL	109 %
Eff. Compared to Traditional LED	66 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

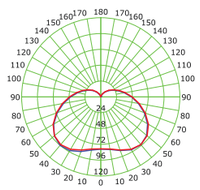
Functions	
Dimmable	No

REDEEM PLUS

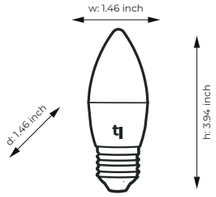
Candle Bulb E27 C37S 3500 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

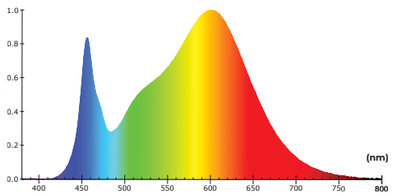
BLRPC37S352601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S352601NN
GTIN (EAN13)	8684216001499
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 3500K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 606lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.84 W
Beam Angle	185°
Luminous Flux	606 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	988 %
Efficiency Compared to CFL	118 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

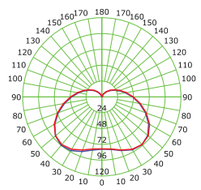
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

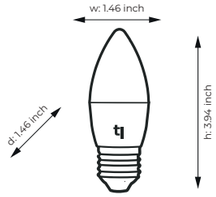
Candle Bulb E27 C37S 4000 K

With an average efficiency of **142 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

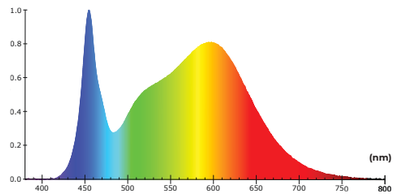
BLRPC37S402601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S402601NN
GTIN (EAN13)	8684216001505
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4000K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 609lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	47 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.87 W
Beam Angle	185°
Luminous Flux	609 lm
CRI	85 Ra
Lighting Efficiency	142 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

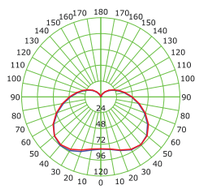
Functions	
Dimmable	No

REDEEM PLUS

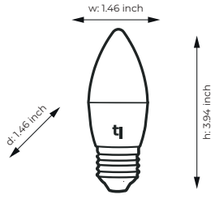
Candle Bulb E27 C37S 5000 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

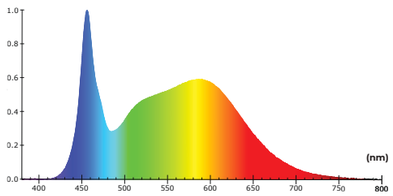
BLRPC37S502601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S502601NN
GTIN (EAN13)	8684216001512
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 5000K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 621lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.93 W
Beam Angle	185°
Luminous Flux	621 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	1,014 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

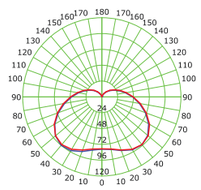
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

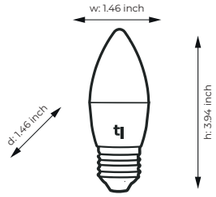
Candle Bulb E27 C37S 5700 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

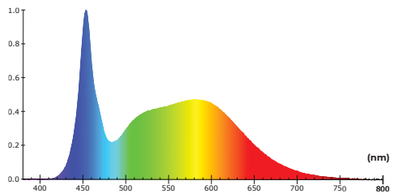
BLRPC37S572601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S572601NN
GTIN (EAN13)	8684216001529
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 5700K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 609lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.95 W
Beam Angle	185°
Luminous Flux	609 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	982 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

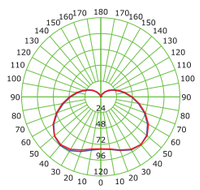
Functions	
Dimmable	No

REDEEM PLUS

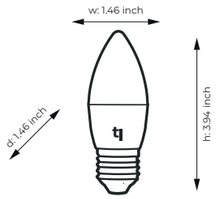
Candle Bulb E27 C37S 6500 K

With an average efficiency of **138 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

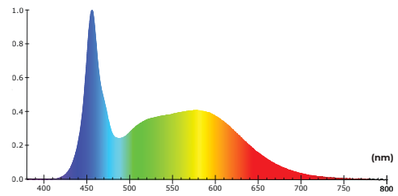
BLRPC37S652601NN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S652601NN
GTIN (EAN13)	8684216001536
Case	C37
Case Sub Type	S
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37S 6500K
Description	Tuled Redeem Plus Candle Bulb E27 C37S 4.3W 594lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	18 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Light Characteristic

Declared Radiant Power	1.94 W
Beam Angle	185°
Luminous Flux	594 lm
CRI	85 Ra
Lighting Efficiency	138 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	963 %
Efficiency Compared to CFL	113 %
Eff. Compared to Traditional LED	68 %

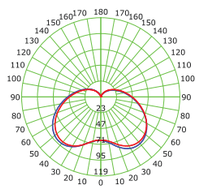
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

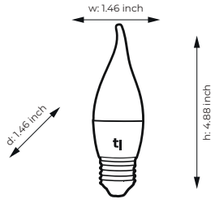
Candle Bulb E27 C37A 2700 K

With an average efficiency of **132 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

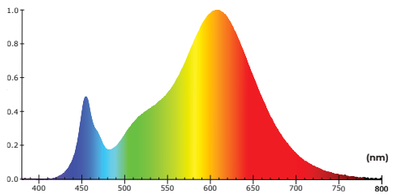
BLRPC37A272601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A272601NN
GTIN (EAN13)	8684216001543
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 2700K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.3W 570lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.78 W
Beam Angle	205°
Luminous Flux	570 lm
CRI	85 Ra
Lighting Efficiency	132 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	917 %
Efficiency Compared to CFL	103 %
Eff. Compared to Traditional LED	61 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

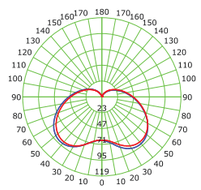
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

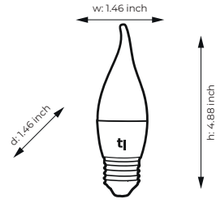
Candle Bulb E27 C37A 3000 K

With an average efficiency of **135 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

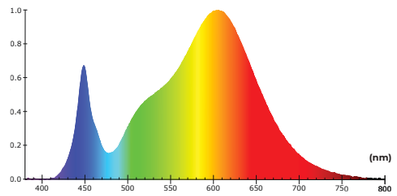
BLRPC37A302601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A302601NN
GTIN (EAN13)	8684216001550
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 3000K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.3W 581lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.79 W
Beam Angle	205°
Luminous Flux	581 lm
CRI	85 Ra
Lighting Efficiency	135 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	940 %
Efficiency Compared to CFL	108 %
Eff. Compared to Traditional LED	65 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

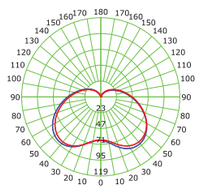
Functions	
Dimmable	No

REDEEM PLUS

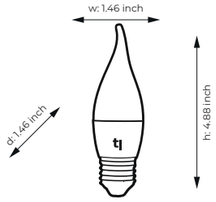
Candle Bulb E27 C37A 3500 K

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

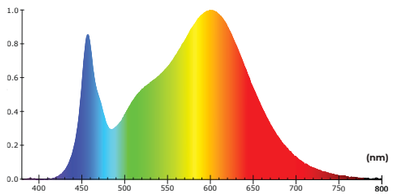
BLRPC37A352601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A352601NN
GTIN (EAN13)	8684216001567
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 3500K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.2W 590lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.2 kWh/1000hours
AC Current	47 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.80 W
Beam Angle	205°
Luminous Flux	590 lm
CRI	85 Ra
Lighting Efficiency	140 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.2 W
Efficiency Compared to Inc.	979 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	71 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

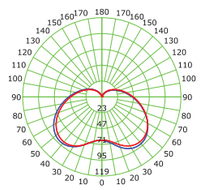
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

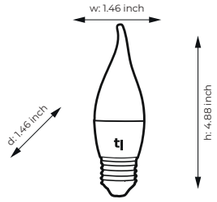
Candle Bulb E27 C37A 4000 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

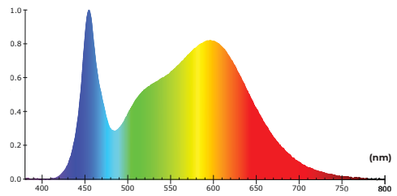
BLRPC37A402601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A402601NN
GTIN (EAN13)	8684216001574
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4000K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.3W 604lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.87 W
Beam Angle	205°
Luminous Flux	604 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	984 %
Efficiency Compared to CFL	117 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

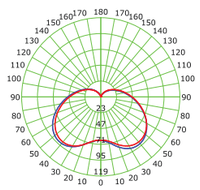
Functions	
Dimmable	No

REDEEM PLUS

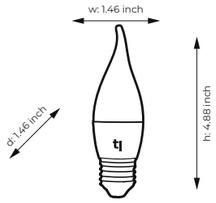
Candle Bulb E27 C37A 5000 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

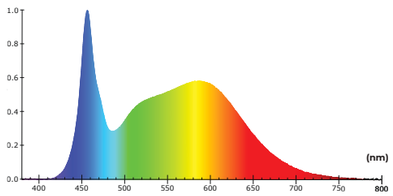
BLRPC37A502601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A502601NN
GTIN (EAN13)	8684216001581
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 5000K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.3W 610lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.91 W
Beam Angle	205°
Luminous Flux	610 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

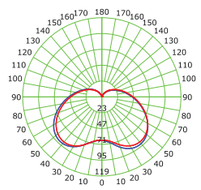
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

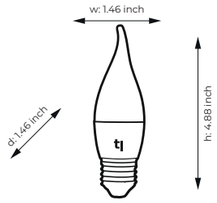
Candle Bulb E27 C37A 5700 K

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

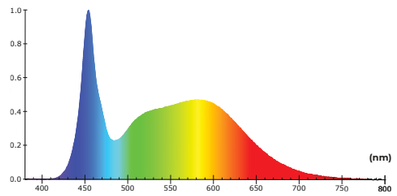
BLRPC37A572601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A572601NN
GTIN (EAN13)	8684216001598
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 5700K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.3W 603lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.94 W
Beam Angle	205°
Luminous Flux	603 lm
CRI	85 Ra
Lighting Efficiency	140 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	979 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	71 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

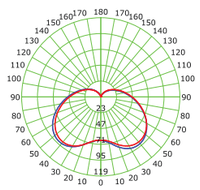
Functions	
Dimmable	No

REDEEM PLUS

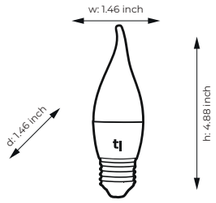
Candle Bulb E27 C37A 6500 K

With an average efficiency of **137 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

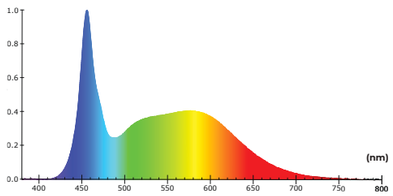
BLRPC37A652601NN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A652601NN
GTIN (EAN13)	8684216001604
Case	C37
Case Sub Type	A
Base	E27
Description	Tuled Redeem Plus Candle Bulb E27 C37A 6500K
Description	Tuled Redeem Plus Candle Bulb E27 C37A 4.2W 579lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	19 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Light Characteristic

Declared Radiant Power	1.90 W
Beam Angle	205°
Luminous Flux	579 lm
CRI	85 Ra
Lighting Efficiency	137 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.2 kWh/1000hours
AC Current	47 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.2 W
Efficiency Compared to Inc.	957 %
Efficiency Compared to CFL	111 %
Eff. Compared to Traditional LED	68 %

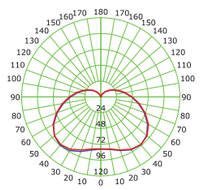
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

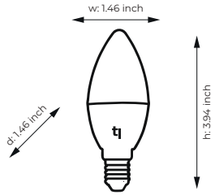
Candle Bulb E14 C37S 2700 K

With an average efficiency of **134 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

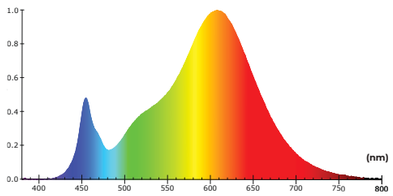
BLRPC37S272601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S272601MN
GTIN (EAN13)	8684216001758
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 2700K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 571lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.78 W
Beam Angle	185°
Luminous Flux	571 lm
CRI	85 Ra
Lighting Efficiency	134 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	927 %
Efficiency Compared to CFL	105 %
Eff. Compared to Traditional LED	63 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

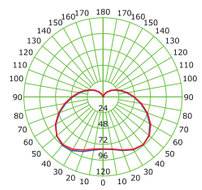
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

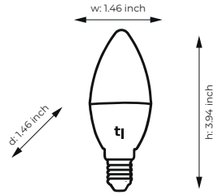
Candle Bulb E14 C37S 3000 K

With an average efficiency of **136 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

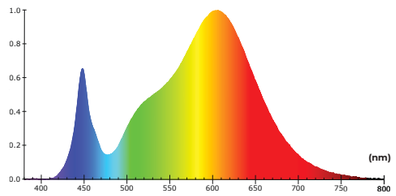
BLRPC37S302601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S302601MN
GTIN (EAN13)	8684216001765
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 3000K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 590lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.82 W
Beam Angle	185°
Luminous Flux	590 lm
CRI	85 Ra
Lighting Efficiency	136 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	947 %
Efficiency Compared to CFL	109 %
Eff. Compared to Traditional LED	66 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

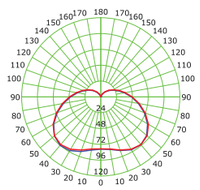
Functions	
Dimmable	No

REDEEM PLUS

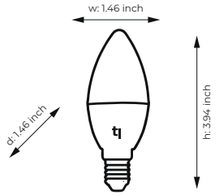
Candle Bulb E14 C37S 3500 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

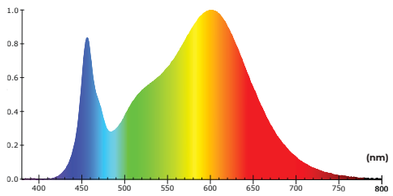
BLRPC37S352601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S352601MN
GTIN (EAN13)	8684216001772
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 3500K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 606lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.84 W
Beam Angle	185°
Luminous Flux	606 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	988 %
Efficiency Compared to CFL	118 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

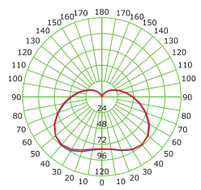
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

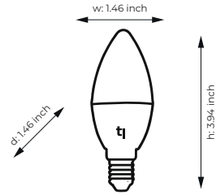
Candle Bulb E14 C37S 4000 K

With an average efficiency of **142 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

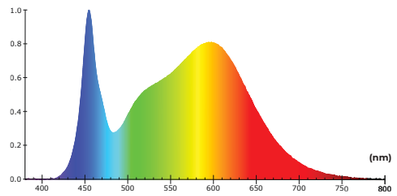
BLRPC37S402601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S402601MN
GTIN (EAN13)	8684216001789
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4000K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 609lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	47 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.87 W
Beam Angle	185°
Luminous Flux	609 lm
CRI	85 Ra
Lighting Efficiency	142 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

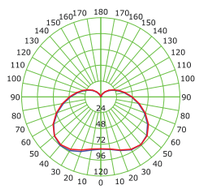
Functions	
Dimmable	No

REDEEM PLUS

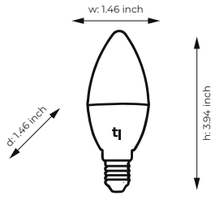
Candle Bulb E14 C37S 5000 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

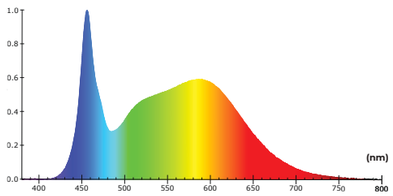
BLRPC37S502601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S502601MN
GTIN (EAN13)	8684216001796
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 5000K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 621lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.93 W
Beam Angle	185°
Luminous Flux	621 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	1,014 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

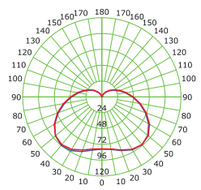
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

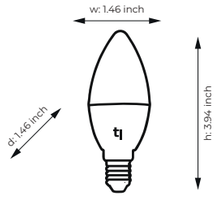
Candle Bulb E14 C37S 5700 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

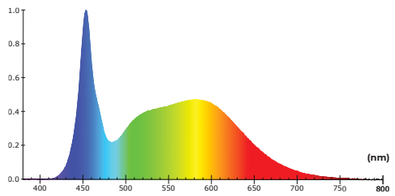
BLRPC37S572601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S572601MN
GTIN (EAN13)	8684216001802
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 5700K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 609lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.95 W
Beam Angle	185°
Luminous Flux	609 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	982 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

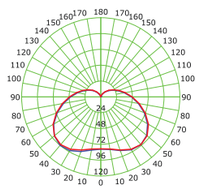
Functions	
Dimmable	No

REDEEM PLUS

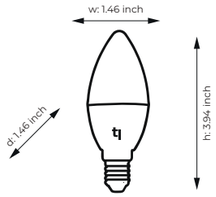
Candle Bulb E14 C37S 6500 K

With an average efficiency of **138 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

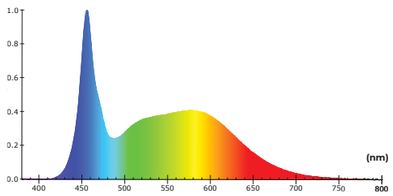
BLRPC37S652601MN



Light Projection Diagram



D: 37 mm **H:** 100 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37S652601MN
GTIN (EAN13)	8684216001819
Case	C37
Case Sub Type	S
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37S 6500K
Description	Tuled Redeem Plus Candle Bulb E14 C37S 4.3W 594lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	100 mm
Weight	16 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	60 (carton)
Euro Pallet	6,000 (pcs)

Light Characteristic

Declared Radiant Power	1.94 W
Beam Angle	185°
Luminous Flux	594 lm
CRI	85 Ra
Lighting Efficiency	138 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	963 %
Efficiency Compared to CFL	113 %
Eff. Compared to Traditional LED	68 %

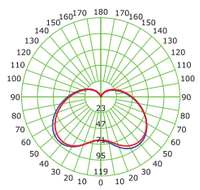
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

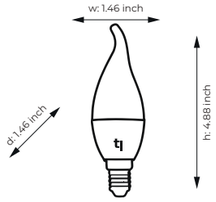
Candle Bulb E14 C37A 2700 K

With an average efficiency of **132 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

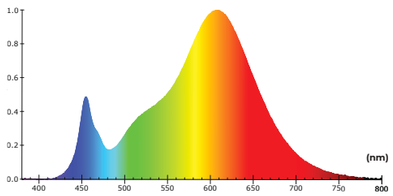
BLRPC37A272601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A272601MN
GTIN (EAN13)	8684216001826
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 2700K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.3W 570lm 2700K Warm White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.78 W
Beam Angle	205°
Luminous Flux	570 lm
CRI	85 Ra
Lighting Efficiency	132 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	917 %
Efficiency Compared to CFL	103 %
Eff. Compared to Traditional LED	61 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

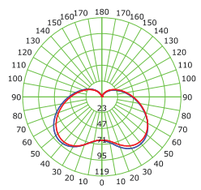
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

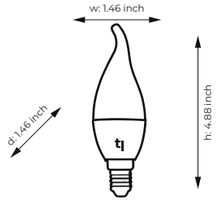
Candle Bulb E14 C37A 3000 K

With an average efficiency of **135 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

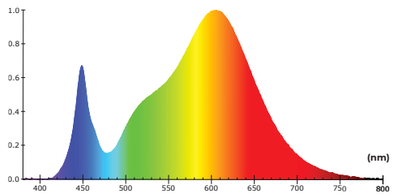
BLRPC37A302601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A302601MN
GTIN (EAN13)	8684216001833
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 3000K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.3W 581lm 3000K Mild White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.79 W
Beam Angle	205°
Luminous Flux	581 lm
CRI	85 Ra
Lighting Efficiency	135 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	940 %
Efficiency Compared to CFL	108 %
Eff. Compared to Traditional LED	65 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

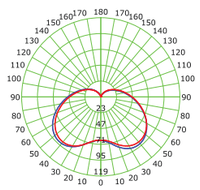
Functions	
Dimmable	No

REDEEM PLUS

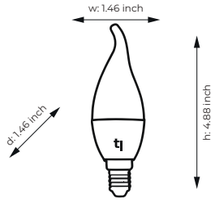
Candle Bulb E14 C37A 3500 K

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

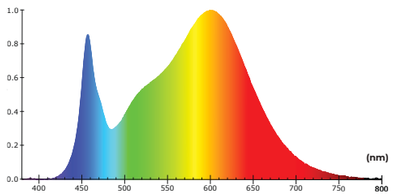
BLRPC37A352601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A352601MN
GTIN (EAN13)	8684216001840
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 3500K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.2W 590lm 3500K Soft White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.2 kWh/1000hours
AC Current	47 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.80 W
Beam Angle	205°
Luminous Flux	590 lm
CRI	85 Ra
Lighting Efficiency	140 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.2 W
Efficiency Compared to Inc.	979 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	71 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

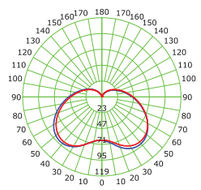
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

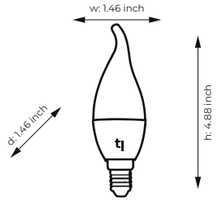
Candle Bulb E14 C37A 4000 K

With an average efficiency of **141 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

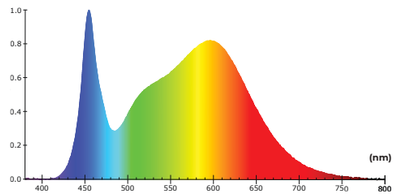
BLRPC37A402601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A402601MN
GTIN (EAN13)	8684216001857
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4000K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.3W 604lm 4000K Natural White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.87 W
Beam Angle	205°
Luminous Flux	604 lm
CRI	85 Ra
Lighting Efficiency	141 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	984 %
Efficiency Compared to CFL	117 %
Eff. Compared to Traditional LED	72 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

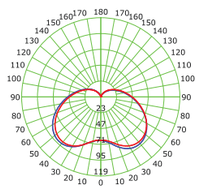
Functions	
Dimmable	No

REDEEM PLUS

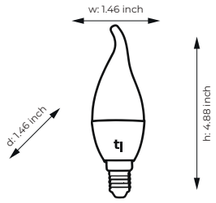
Candle Bulb E14 C37A 5000 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

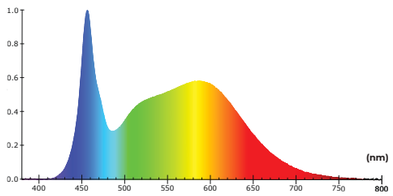
BLRPC37A502601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A502601MN
GTIN (EAN13)	8684216001864
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 5000K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.3W 610lm 5000K Tuled White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.91 W
Beam Angle	205°
Luminous Flux	610 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

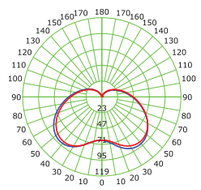
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

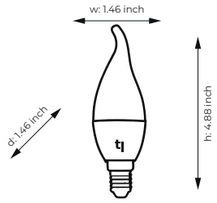
Candle Bulb E14 C37A 5700 K

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

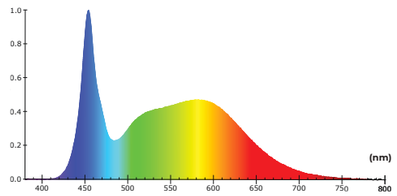
BLRPC37A572601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A572601MN
GTIN (EAN13)	8684216001871
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 5700K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.3W 603lm 5700K Gloss White

Physical Properties	
Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.3 kWh/1000hours
AC Current	48 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	1.94 W
Beam Angle	205°
Luminous Flux	603 lm
CRI	85 Ra
Lighting Efficiency	140 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.3 W
Efficiency Compared to Inc.	979 %
Efficiency Compared to CFL	116 %
Eff. Compared to Traditional LED	71 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

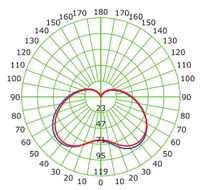
Functions	
Dimmable	No

REDEEM PLUS

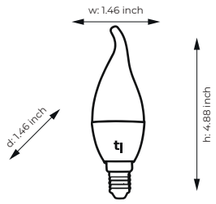
Candle Bulb E14 C37A 6500 K

With an average efficiency of **137 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

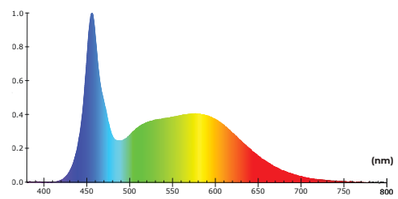
BLRPC37A652601MN



Light Projection Diagram



D: 37 mm **H:** 124 mm **W:** 37 mm



Color Spectrum Distribution

General Info & ID

Product Type	Candle Bulb
Series Name	Redeem Plus
Product Code	BLRPC37A652601MN
GTIN (EAN13)	8684216001888
Case	C37
Case Sub Type	A
Base	E14
Description	Tuled Redeem Plus Candle Bulb E14 C37A 6500K
Description	Tuled Redeem Plus Candle Bulb E14 C37A 4.2W 579lm 6500K Cool White

Physical Properties

Width (W)	37 mm
Diameter (D)	37 mm
Height (H)	124 mm
Weight	17 g/unit
IP Class	IP50
Carton	100 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	4,800 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	4.2 kWh/1000hours
AC Current	47 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.39

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	1.90 W
Beam Angle	205°
Luminous Flux	579 lm
CRI	85 Ra
Lighting Efficiency	137 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PBT
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	45 W
Equivalent CFL	9 W
Equivalent LED Bulb	8 W
Tuled	4.2 W
Efficiency Compared to Inc.	957 %
Efficiency Compared to CFL	111 %
Eff. Compared to Traditional LED	68 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

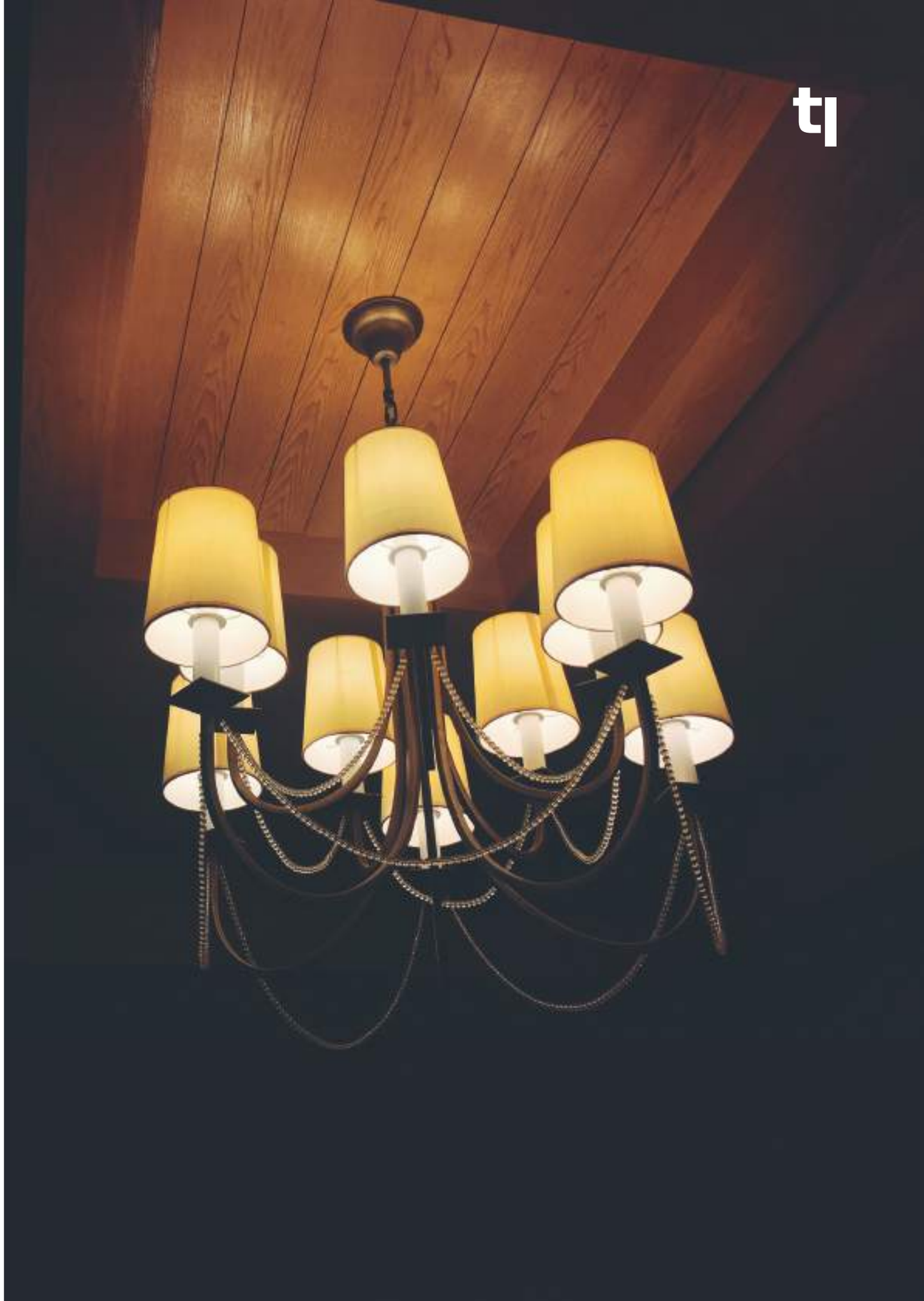
Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.



Redeem Plus Series

Downlight

Take your lighting experience one step further and go beyond the ordinary with **Redeem Plus**. Experience the difference in energy efficiency and lighting quality with its innovative design and superior efficiency of **140 lm/W**. **With seven (7) different color options**, Redeem Plus offers lighting, comfort, and a new lifestyle.

High standard
Quality manufacturing

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to build a unique atmosphere in every space.

CRI Ra+85 | 110-240 VAC | 40-60 Hz | 20,000h+ 15+Yıl | -20°C +50°C | 3 Years Warranty | On/Off 100,000+

CE | RoHS | EAC

Product Code	GTIN EAN-13	Base	Case	Case Sub Type	Equivalent INC (W)	Equivalent CFL (W)	Equivalent LED (W)	Tuled Power (W)	Luminous Flux (lm)	Lighting Efficiency (lm/W)	Beam Angle (Degrees)	Color Temp. (K)	Color Temp. Name	Yearly Consumption (kWh/1000h)	Width (mm)	Diameter (mm)	Height (mm)	Weight (g/unit)	Carton (unit)	Euro Pallet (Carton)
DLRPC10W272651NN	8684216001093	N/A	C10	W	50	10	9	5.0	650	130	94	2700	Warm White	5.0	100.50	100.50	27.50	79,70	64	48
DLRPC10W302651NN	8684216001109	N/A	C10	W	50	10	9	5.0	657	131	94	3000	Mild White	5.0	100.50	100.50	27.50	79,70	64	48
DLRPC10W352701NN	8684216001116	N/A	C10	W	50	10	9	5.0	678	136	94	3500	Soft White	5.0	100.50	100.50	27.50	79,70	64	48
DLRPC10W402701NN	8684216001123	N/A	C10	W	50	10	9	5.0	681	137	94	4000	Natural White	5.0	100.50	100.50	27.50	79,70	64	48
DLRPC10W502701NN	8684216001130	N/A	C10	W	55	11	9	5.0	693	139	94	5000	Tuled White	5.0	100.50	100.50	27.50	79.70	64	48
DLRPC10W572701NN	8684216001147	N/A	C10	W	50	10	9	5.0	675	136	94	5700	Gloss White	5.0	100.50	100.50	27.50	79.70	64	48
DLRPC10W652701NN	8684216001154	N/A	C10	W	50	10	9	5.0	672	135	94	6500	Cool White	5.0	100.50	100.50	27.50	79.70	64	48
DLRPC12W272851NN	8684216001161	N/A	C12	W	65	13	11	6.2	835	135	95	2700	Warm White	6.2	118.50	118.50	27.50	104.70	60	27
DLRPC12W302901NN	8684216001178	N/A	C12	W	65	13	11	6.3	864	137	95	3000	Mild White	6.3	118.50	118.50	27.50	104.70	60	27
DLRPC12W352901NN	8684216001185	N/A	C12	W	70	14	12	6.2	888	143	95	3500	Soft White	6.2	118.50	118.50	27.50	104.70	60	27
DLRPC12W402901NN	8684216001192	N/A	C12	W	70	14	12	6.2	889	143	95	4000	Natural White	6.2	118.50	118.50	27.50	10.70	60	27
DLRPC12W502901NN	8684216001208	N/A	C12	W	70	14	12	6.2	902	145	95	5000	Cool White	6.2	118.50	118.50	27.50	104.70	60	27
DLRPC12W572901NN	8684216001215	N/A	C12	W	70	14	12	6.2	885	142	95	5700	Gloss White	6.2	118.50	118.50	27.50	104.70	60	27
DLRPC12W652901NN	8684216001222	N/A	C12	W	65	13	11	6.2	872	140	95	6500	Cool White	6.2	118.50	118.50	27.50	104.70	60	27
DLRPC18W272172NN	8684216001239	N/A	C18	W	130	26	22	12.1	1.720	143	98	2700	Warm White	12.1	180.00	180.00	27.50	209.60	20	36
DLRPC18W302182NN	8684216001246	N/A	C18	W	135	27	23	12.2	1.767	145	98	3000	Mild White	12.2	180.00	180.00	27.50	209.60	20	36
DLRPC18W352182NN	8684216001253	N/A	C18	W	140	28	23	12.1	1.811	149	98	3500	Soft White	12.1	180.00	180.00	27.50	209.60	20	36
DLRPC18W402182NN	8684216001260	N/A	C18	W	140	28	23	12.2	1.831	151	98	4000	Natural White	12.2	180.00	180.00	27.50	209.60	20	36
DLRPC18W502182NN	8684216001277	N/A	C18	W	145	29	24	12.2	1.858	153	98	5000	Tuled White	12.2	180.00	180.00	27.50	209.60	20	36
DLRPC18W572182NN	8684216001284	N/A	C18	W	140	28	23	12.2	1.819	149	98	5700	Gloss White	12.2	180.00	180.00	27.50	209.60	20	36
DLRPC18W652182NN	8684216001291	N/A	C18	W	140	28	23	12.2	1.799	148	98	6500	Cool White	12.2	180.00	180.00	27.50	209.60	20	36

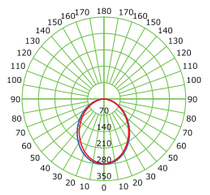
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

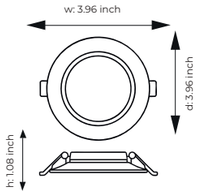
Downlight C10W 2700 K

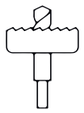
With an average efficiency of **130 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRPC10W272651NN



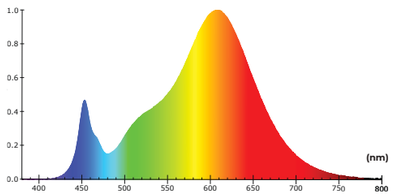
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W272651NN
GTIN (EAN13)	8684216001093
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 2700K
Description	Tuled Redeem Plus Downlight C10W 5.0W 650lm 2700K Warm White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.00 W
Beam Angle	94°
Luminous Flux	650 lm
CRI	85 Ra
Lighting Efficiency	130 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	900 %
Efficiency Compared to CFL	100 %
Eff. Compared to Traditional LED	59 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

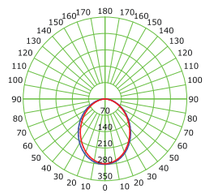
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

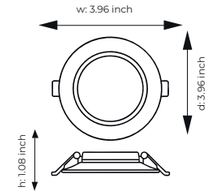
Downlight C10W 3000 K

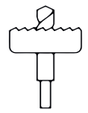
With an average efficiency of **131 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRPC10W302651NN



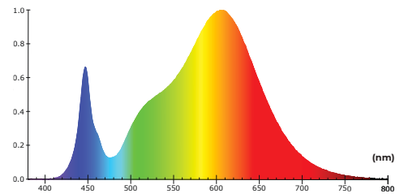
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W302651NN
GTIN (EAN13)	8684216001109
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 3000K
Description	Tuled Redeem Plus Downlight C10W 5.0W 657lm 3000K Mild White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.00 W
Beam Angle	94°
Luminous Flux	657 lm
CRI	85 Ra
Lighting Efficiency	131 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	907 %
Efficiency Compared to CFL	101 %
Eff. Compared to Traditional LED	60 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

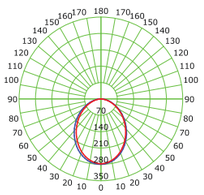
Functions	
Dimmable	No

REDEEM PLUS

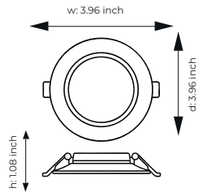
Downlight C10W 3500 K

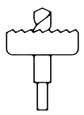
With an average efficiency of **136 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRPC10W352701NN



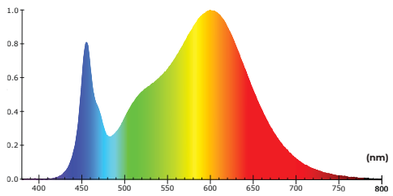
Light Projection Diagram





	Min.	Maks.
	75 mm	95 mm
	2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W352701NN
GTIN (EAN13)	8684216001116
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 3500K
Description	Tuled Redeem Plus Downlight C10W 5.0W 678lm 3500K Soft White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.02 W
Beam Angle	94°
Luminous Flux	678 lm
CRI	85 Ra
Lighting Efficiency	136 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	946 %
Efficiency Compared to CFL	109 %
Eff. Compared to Traditional LED	66 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

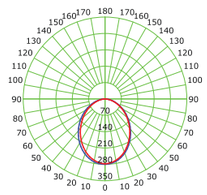
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

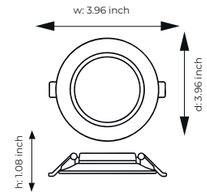
Downlight C10W 4000 K

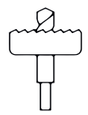
With an average efficiency of **137 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRPC10W402701NN



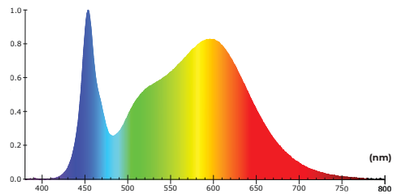
Light Projection Diagram





	Min.	Maks.
	75 mm	95 mm
	2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W402701NN
GTIN (EAN13)	8684216001123
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 4000K
Description	Tuled Redeem Plus Downlight C10W 5.0W 681lm 4000K Natural White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.07 W
Beam Angle	94°
Luminous Flux	681 lm
CRI	85 Ra
Lighting Efficiency	137 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	956 %
Efficiency Compared to CFL	111 %
Eff. Compared to Traditional LED	67 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

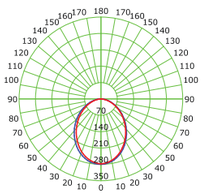
Functions	
Dimmable	No

REDEEM PLUS

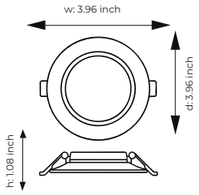
Downlight C10W 5000 K

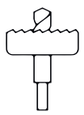
With an average efficiency of **139 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRPC10W502701NN



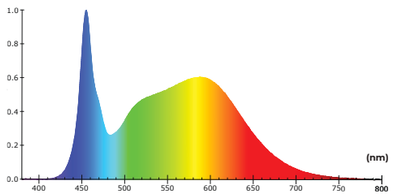
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W502701NN
GTIN (EAN13)	8684216001130
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 5000K
Description	Tuled Redeem Plus Downlight C10W 5.0W 693lm 5000K Tuled White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.12 W
Beam Angle	94°
Luminous Flux	693 lm
CRI	85 Ra
Lighting Efficiency	139 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	55 W
Equivalent CFL	11 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	971 %
Efficiency Compared to CFL	114 %
Eff. Compared to Traditional LED	70 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

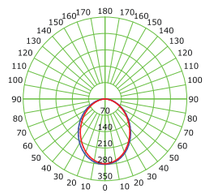
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

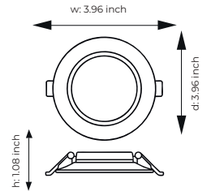
Downlight C10W 5700 K

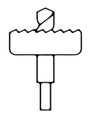
With an average efficiency of **136 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

DLRPC10W572701NN



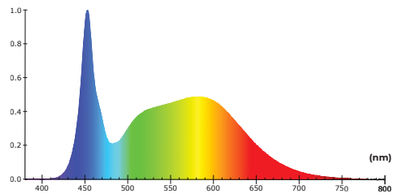
Light Projection Diagram





Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch

D: 100.5 mm **H:** 27.5 mm **W:** 100.5 mm



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W572701NN
GTIN (EAN13)	8684216001147
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 5700K
Description	Tuled Redeem Plus Downlight C10W 5.0W 675lm 5700K Gloss White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.42

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.12 W
Beam Angle	94°
Luminous Flux	675 lm
CRI	85 Ra
Lighting Efficiency	136 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	947 %
Efficiency Compared to CFL	109 %
Eff. Compared to Traditional LED	66 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

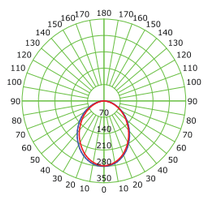
Functions	
Dimmable	No

REDEEM PLUS

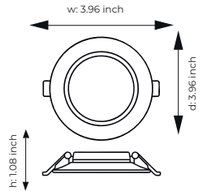
Downlight C10W 6500 K

With an average efficiency of **135 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

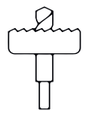
DLRPC10W652701NN



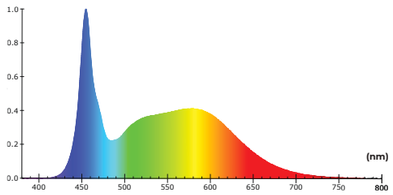
Light Projection Diagram



D: 100.5 mm H: 27.5 mm W: 100.5 mm



Min.	Maks.
75 mm	95 mm
2.95 inch	3.74 inch



Color Spectrum Distribution

General Info & ID	
Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC10W652701NN
GTIN (EAN13)	8684216001154
Case	C10
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C10W 6500K
Description	Tuled Redeem Plus Downlight C10W 5.0W 672lm 6500K Cool White

Physical Properties	
Width (W)	100.5 mm
Diameter (D)	100.5 mm
Height (H)	27.5 mm
Weight	80 g/unit
IP Class	IP50
Carton	64 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	3,072 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	5.0 kWh/1000hours
AC Current	51 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.43

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.15 W
Beam Angle	94°
Luminous Flux	672 lm
CRI	85 Ra
Lighting Efficiency	135 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	50 W
Equivalent CFL	10 W
Equivalent LED Bulb	9 W
Tuled	5.0 W
Efficiency Compared to Inc.	939 %
Efficiency Compared to CFL	108 %
Eff. Compared to Traditional LED	65 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

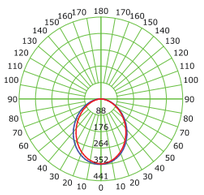
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

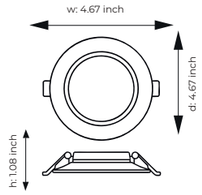
Downlight C12W 2700 K

With an average efficiency of **135 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

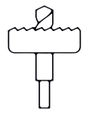
DLRPC12W272851NN



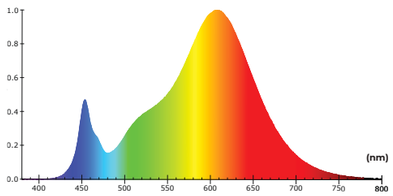
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W272851NN
GTIN (EAN13)	8684216001161
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 2700K
Description	Tuled Redeem Plus Downlight C12W 6.2W 835lm 2700K Warm White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	E (A-G)
Yearly Consumption	6.2 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.57 W
Beam Angle	95°
Luminous Flux	835 lm
CRI	85 Ra
Lighting Efficiency	135 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	6.2 W
Efficiency Compared to Inc.	937 %
Efficiency Compared to CFL	107 %
Eff. Compared to Traditional LED	64 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

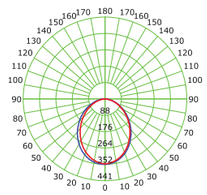
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

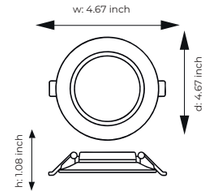
Downlight C12W 3000 K

With an average efficiency of **137 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

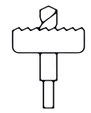
DLRPC12W302901NN



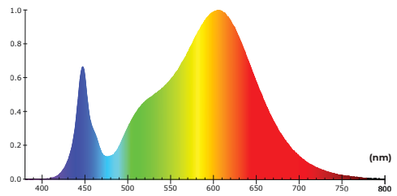
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W302901NN
GTIN (EAN13)	8684216001178
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 3000K
Description	Tuled Redeem Plus Downlight C12W 6.3W 864lm 3000K Mild White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	6.3 kWh/1000hours
AC Current	61 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.64 W
Beam Angle	95°
Luminous Flux	864 lm
CRI	85 Ra
Lighting Efficiency	137 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	6.3 W
Efficiency Compared to Inc.	956 %
Efficiency Compared to CFL	111 %
Eff. Compared to Traditional LED	67 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

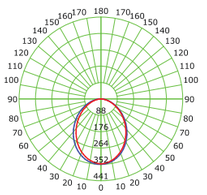
Functions	
Dimmable	No

REDEEM PLUS

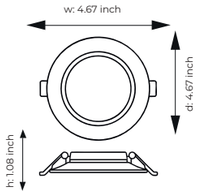
Downlight C12W 3500 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

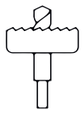
DLRPC12W352901NN



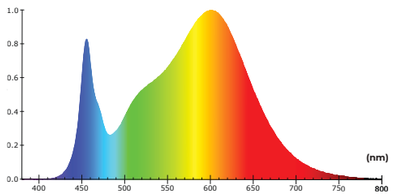
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W352901NN
GTIN (EAN13)	8684216001185
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 3500K
Description	Tuled Redeem Plus Downlight C12W 6.2W 888lm 3500K Soft White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	6.2 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.66 W
Beam Angle	95°
Luminous Flux	888 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	70 W
Equivalent CFL	14 W
Equivalent LED Bulb	12 W
Tuled	6.2 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

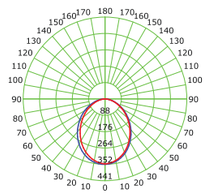
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

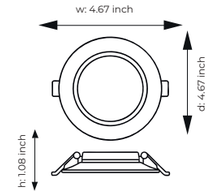
Downlight C12W 4000 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

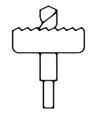
DLRPC12W402901NN



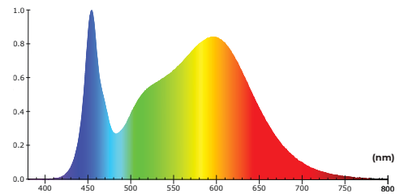
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W402901NN
GTIN (EAN13)	8684216001192
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 4000K
Description	Tuled Redeem Plus Downlight C12W 6.2W 889lm 4000K Natural White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	6.2 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.70 W
Beam Angle	95°
Luminous Flux	889 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	70 W
Equivalent CFL	14 W
Equivalent LED Bulb	12 W
Tuled	6.2 W
Efficiency Compared to Inc.	1,004 %
Efficiency Compared to CFL	121 %
Eff. Compared to Traditional LED	75 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

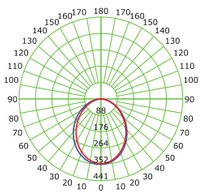
Functions	
Dimmable	No

REDEEM PLUS

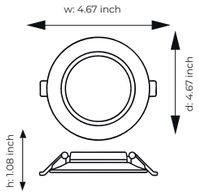
Downlight C12W 5000 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

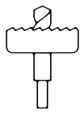
DLRPC12W502901NN



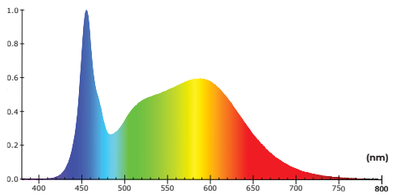
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W502901NN
GTIN (EAN13)	8684216001208
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 5000K
Description	Tuled Redeem Plus Downlight C12W 6.2W 902lm 5000K Tuled White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	6.2 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.76 W
Beam Angle	95°
Luminous Flux	902 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	70 W
Equivalent CFL	14 W
Equivalent LED Bulb	12 W
Tuled	6.2 W
Efficiency Compared to Inc.	1,016 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

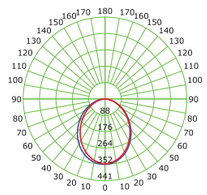
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

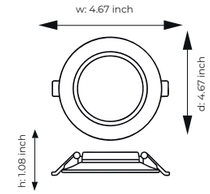
Downlight C12W 5700 K

With an average efficiency of **142 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

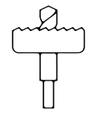
DLRPC12W572901NN



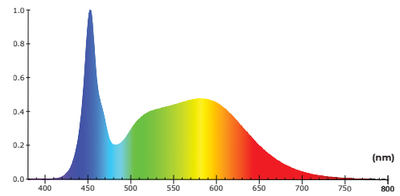
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W572901NN
GTIN (EAN13)	8684216001215
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 5700K
Description	Tuled Redeem Plus Downlight C12W 6.2W 885lm 5700K Gloss White

Physical Properties	
Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	6.2 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	2.78 W
Beam Angle	95°
Luminous Flux	885 lm
CRI	85 Ra
Lighting Efficiency	142 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	70 W
Equivalent CFL	14 W
Equivalent LED Bulb	12 W
Tuled	6.2 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

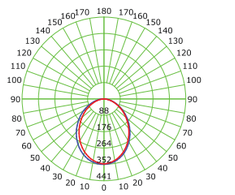
Functions	
Dimmable	No

REDEEM PLUS

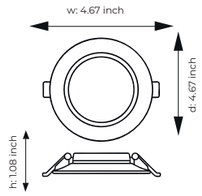
Downlight C12W 6500 K

With an average efficiency of **140 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

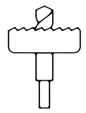
DLRPC12W652901NN



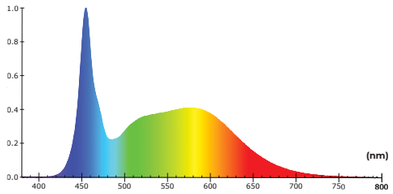
Light Projection Diagram



D: 118.5 mm **H:** 27.5 mm **W:** 118.5 mm



Min.	Maks.
95 mm	115 mm
3.74 inch	4.53 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC12W652901NN
GTIN (EAN13)	8684216001222
Case	C12
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C12W 6500K
Description	Tuled Redeem Plus Downlight C12W 6.2W 872lm 6500K Cool White

Physical Properties

Width (W)	118.5 mm
Diameter (D)	118.5 mm
Height (H)	27.5 mm
Weight	105 g/unit
IP Class	IP50
Carton	60 (pcs)
Euro Pallet	27 (carton)
Euro Pallet	1,620 (pcs)

Electrical Characteristic

Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	6.2 kWh/1000hours
AC Current	60 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.45

Environmental Features

RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic

Declared Radiant Power	2.80 W
Beam Angle	95°
Luminous Flux	872 lm
CRI	85 Ra
Lighting Efficiency	140 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition

Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent

Equivalent Incandescent Typical	65 W
Equivalent CFL	13 W
Equivalent LED Bulb	11 W
Tuled	6.2 W
Efficiency Compared to Inc.	977 %
Efficiency Compared to CFL	115 %
Eff. Compared to Traditional LED	71 %

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	60°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

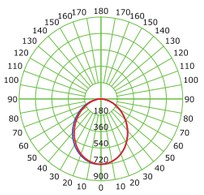
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

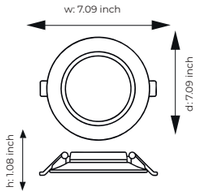
Downlight C18W 2700 K

With an average efficiency of **143 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

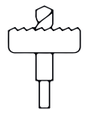
DLRPC18W272172NN



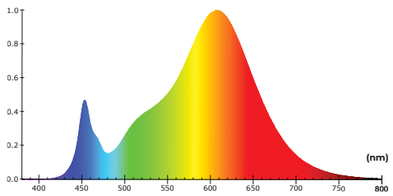
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W272172NN
GTIN (EAN13)	8684216001239
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 2700K
Description	Tuled Redeem Plus Downlight C18W 12.1W 1720lm 2700K Warm White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.1 kWh/1000hours
AC Current	98 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.31 W
Beam Angle	98°
Luminous Flux	1,720 lm
CRI	85 Ra
Lighting Efficiency	143 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	130 W
Equivalent CFL	26 W
Equivalent LED Bulb	22 W
Tuled	12.1 W
Efficiency Compared to Inc.	996 %
Efficiency Compared to CFL	119 %
Eff. Compared to Traditional LED	74 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

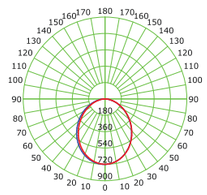
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

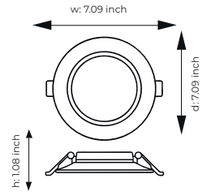
Downlight C18W 3000 K

With an average efficiency of **145 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

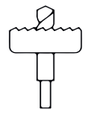
DLRPC18W302182NN



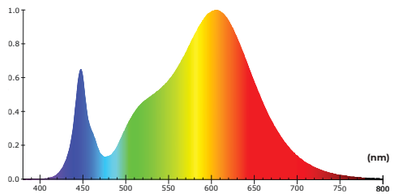
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W302182NN
GTIN (EAN13)	8684216001246
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 3000K
Description	Tuled Redeem Plus Downlight C18W 12.2W 1767lm 3000K Mild White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.2 kWh/1000hours
AC Current	99 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.38 W
Beam Angle	98°
Luminous Flux	1,767 lm
CRI	85 Ra
Lighting Efficiency	145 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	135 W
Equivalent CFL	27 W
Equivalent LED Bulb	23 W
Tuled	12.2 W
Efficiency Compared to Inc.	1,014 %
Efficiency Compared to CFL	123 %
Eff. Compared to Traditional LED	77 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

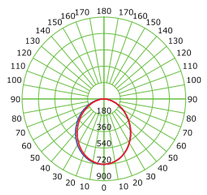
Functions	
Dimmable	No

REDEEM PLUS

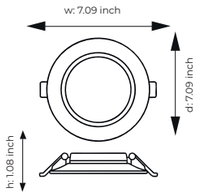
Downlight C18W 3500 K

With an average efficiency of **149 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

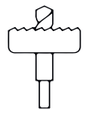
DLRPC18W352182NN



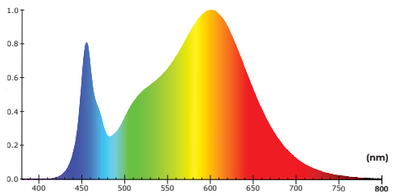
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W352182NN
GTIN (EAN13)	8684216001253
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 3500K
Description	Tuled Redeem Plus Downlight C18W 12.1W 1811lm 3500K Soft White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.1 kWh/1000hours
AC Current	98 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.43 W
Beam Angle	98°
Luminous Flux	1,811 lm
CRI	85 Ra
Lighting Efficiency	149 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	140 W
Equivalent CFL	28 W
Equivalent LED Bulb	23 W
Tuled	12.1 W
Efficiency Compared to Inc.	1,049 %
Efficiency Compared to CFL	130 %
Eff. Compared to Traditional LED	82 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

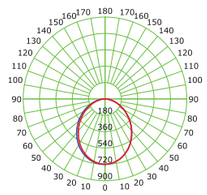
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

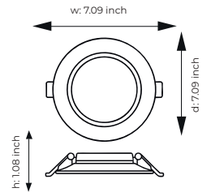
Downlight C18W 4000 K

With an average efficiency of **151 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

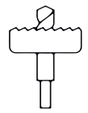
DLRPC18W402182NN



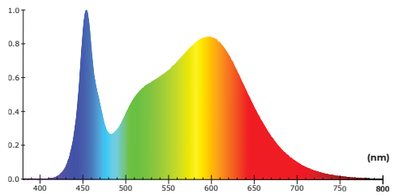
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W402182NN
GTIN (EAN13)	8684216001260
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 4000K
Description	Tuled Redeem Plus Downlight C18W 12.2W 1831lm 4000K Natural White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.2 kWh/1000hours
AC Current	99 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.58 W
Beam Angle	98°
Luminous Flux	1,831 lm
CRI	85 Ra
Lighting Efficiency	151 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	140 W
Equivalent CFL	28 W
Equivalent LED Bulb	23 W
Tuled	12.2 W
Efficiency Compared to Inc.	1,058 %
Efficiency Compared to CFL	132 %
Eff. Compared to Traditional LED	84 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

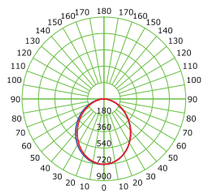
Functions	
Dimmable	No

REDEEM PLUS

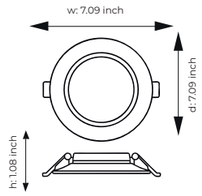
Downlight C18W 5000 K

With an average efficiency of **153 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

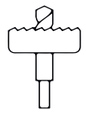
DLRPC18W502182NN



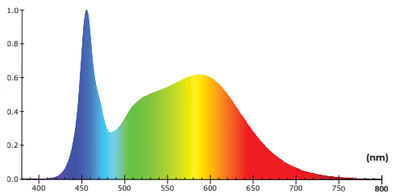
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W502182NN
GTIN (EAN13)	8684216001277
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 5000K
Description	Tuled Redeem Plus Downlight C18W 12.2W 1858lm 5000K Tuled White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.2 kWh/1000hours
AC Current	99 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.70 W
Beam Angle	98°
Luminous Flux	1,858 lm
CRI	85 Ra
Lighting Efficiency	153 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	145 W
Equivalent CFL	29 W
Equivalent LED Bulb	24 W
Tuled	12.2 W
Efficiency Compared to Inc.	1,075 %
Efficiency Compared to CFL	135 %
Eff. Compared to Traditional LED	86 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

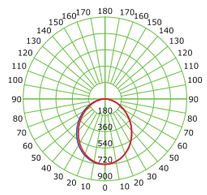
The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

REDEEM PLUS

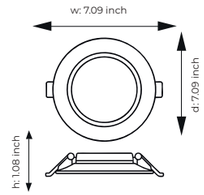
Downlight C18W 5700 K

With an average efficiency of **149 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

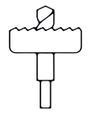
DLRPC18W572182NN



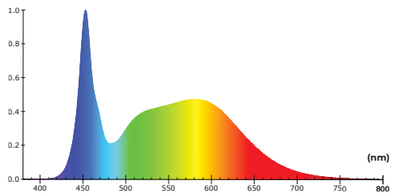
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID

Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W572182NN
GTIN (EAN13)	8684216001284
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 5700K
Description	Tuled Redeem Plus Downlight C18W 12.2W 1819lm 5700K Gloss White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.2 kWh/1000hours
AC Current	99 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.74 W
Beam Angle	98°
Luminous Flux	1,819 lm
CRI	85 Ra
Lighting Efficiency	149 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	140 W
Equivalent CFL	28 W
Equivalent LED Bulb	23 W
Tuled	12.2 W
Efficiency Compared to Inc.	1,048 %
Efficiency Compared to CFL	130 %
Eff. Compared to Traditional LED	82 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

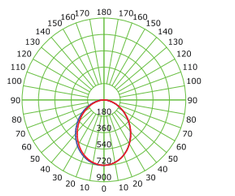
Functions	
Dimmable	No

REDEEM PLUS

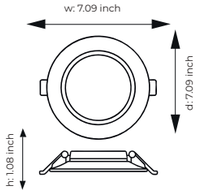
Downlight C18W 6500 K

With an average efficiency of **148 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

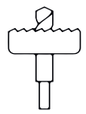
DLRPC18W652182NN



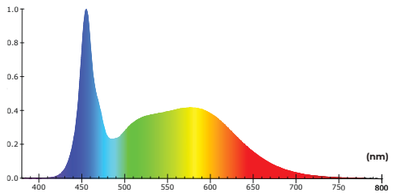
Light Projection Diagram



D: 180 mm **H:** 27.5 mm **W:** 180 mm



Min.	Maks.
148 mm	176 mm
5.83 inch	6.93 inch



Color Spectrum Distribution

General Info & ID	
Product Type	Downlight
Series Name	Redeem Plus
Product Code	DLRPC18W652182NN
GTIN (EAN13)	8684216001291
Case	C18
Case Sub Type	W
Base	2-Pole 2-Pin Spring Terminal
Description	Tuled Redeem Plus Downlight C18W 6500K
Description	Tuled Redeem Plus Downlight C18W 12.2W 1799lm 6500K Cool White

Physical Properties	
Width (W)	180 mm
Diameter (D)	180 mm
Height (H)	27.5 mm
Weight	210 g/unit
IP Class	IP50
Carton	20 (pcs)
Euro Pallet	48 (carton)
Euro Pallet	960 (pcs)

Electrical Characteristic	
Efficiency Class (EU 2019/2015)	D (A-G)
Yearly Consumption	12.2 kWh/1000hours
AC Current	99 mA
Mains Voltage Rate Minimum	110 VAC
Mains Voltage Rate Maximum	240 VAC
Mains Frequency Minimum	40 Hz
Mains Frequency Maximum	60 Hz
Power Factor	0.54

Environmental Features	
RoHs 2011/65/EU Compliant	Yes
Hg Free Compliant	Yes
EAC	Yes
CE	Yes
Recyclable	No
Fragile	Yes
Protected Against Water	No
Safe to Trash	No

Light Characteristic	
Declared Radiant Power	5.78 W
Beam Angle	98°
Luminous Flux	1,799 lm
CRI	85 Ra
Lighting Efficiency	148 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Production Composition	
Driver Type	On Board IC
Body Material	PA - V0
LED Chip Vendor	Samsung / Cree
Diffuser Material	PC - Polycarbonates

Equivalent	
Equivalent Incandescent Typical	140 W
Equivalent CFL	28 W
Equivalent LED Bulb	23 W
Tuled	12.2 W
Efficiency Compared to Inc.	1,038 %
Efficiency Compared to CFL	128 %
Eff. Compared to Traditional LED	80 %

Thermal Character	
Operating Temperature Min	-20°C
Operating Temperature Max	50°C
Surface Temperature	50°C
Safe to Touch	No

Lifetime	
Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	100,000 On/Off
Warranty	36 Months

Functions	
Dimmable	No

The technical data was obtained under 25°C, 230V, and 50Hz test conditions.
Technical data may vary depending on the conditions.

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