

LED it shine

tuled

General Catalog

TLD24KG004_EN

TABLE OF CONTENTS

Led Lighting
Products

We Enlighten the World	4
Why Tuled ?	6
Sustainability Perspective	8
For a Greener Tomorrow	10
Redeem Series Overview	12
Redeem Series	14
Redeem Plus Series	50
Redeem Ultra Series	86

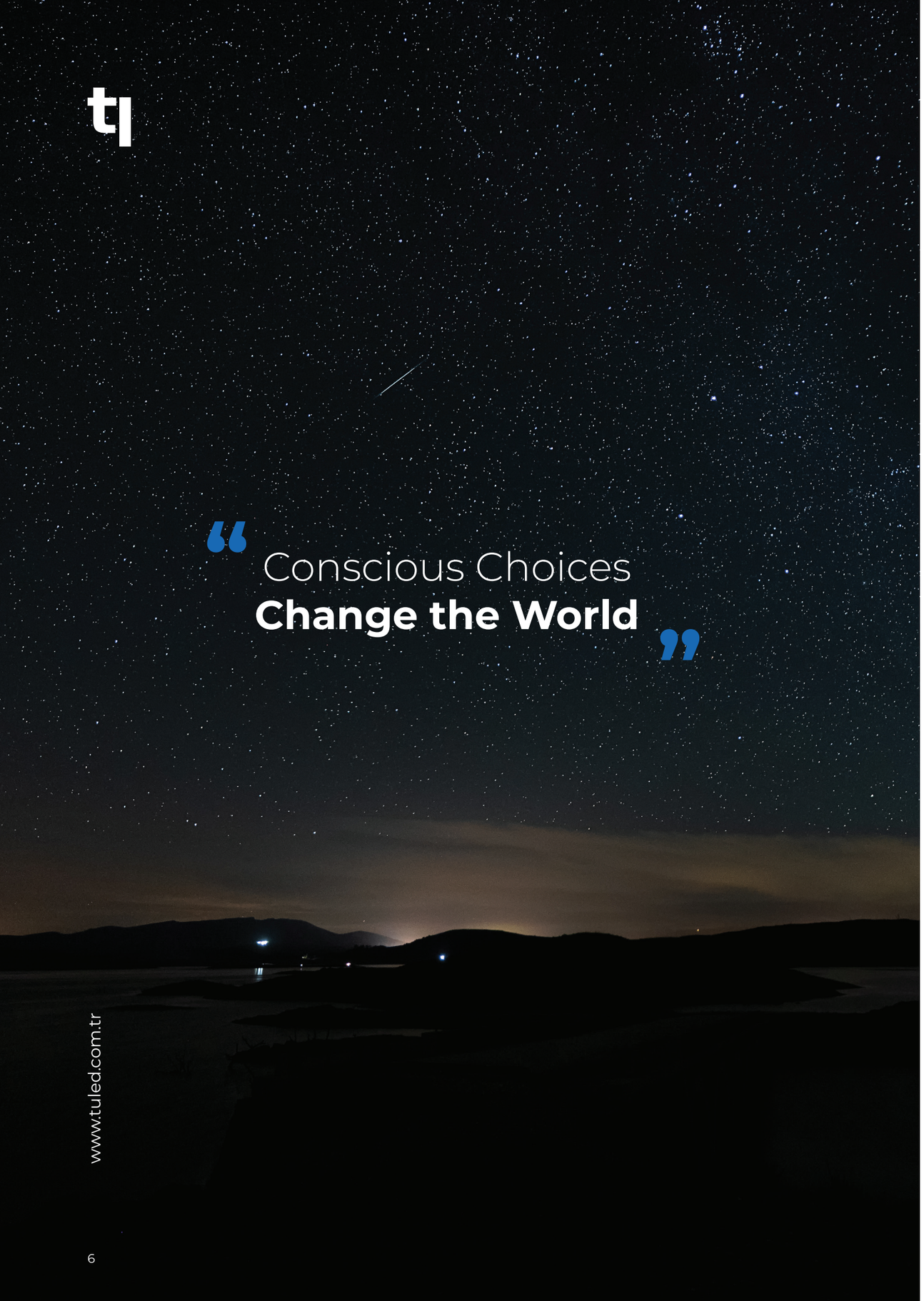
We Enlighten the World

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.



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.

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.

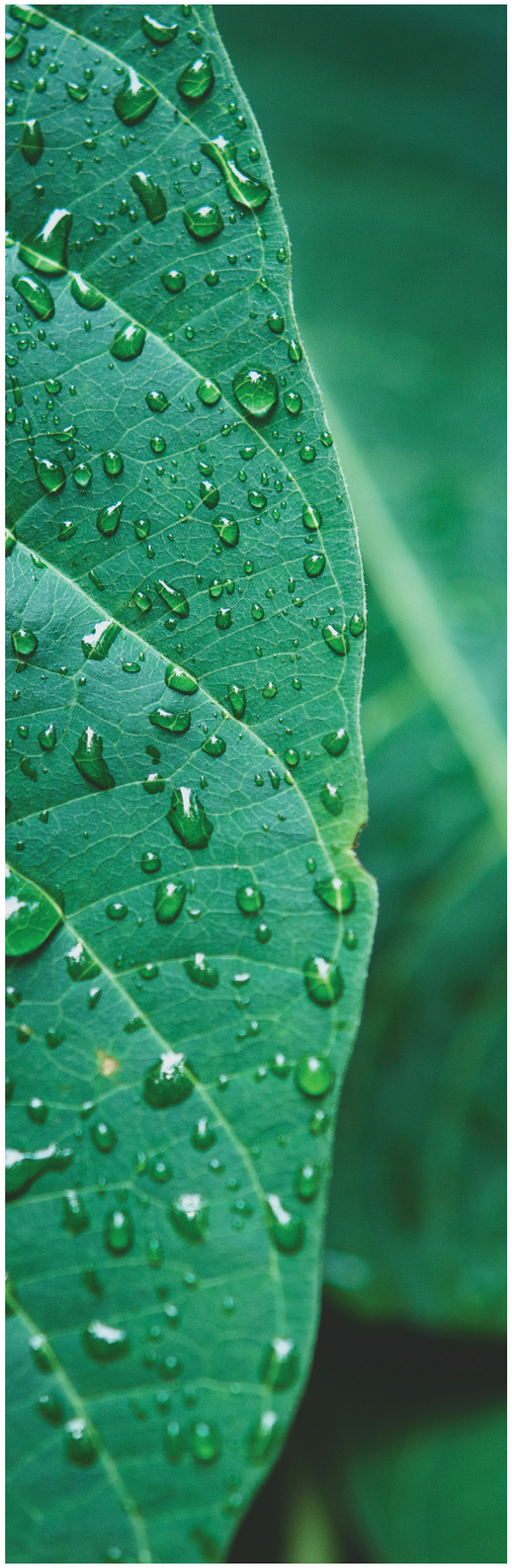
Old Regulation (EU 874/2012)		New Regulation (EU 2019/2015)	
Class	Lm/W	Class	Lm/W
A++	120	A	210
A+	65	B	185
A	50	C	160
B	15	D	135
C	12	E	110
D	9	F	85
E	0	G	0

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	Samsung	Samsung
Warranty	3 Years	3 Years	3 Years
Number of Var.	28 Types	28 Types	28 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	40,000+	60,000+	80,000+

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 people, 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.

Redeem Series

Feel the **Difference**

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



www.tuled.com.tr



Redeem

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.



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.

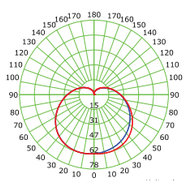
REDEEM

LED Bulb E27 **A60S 2700 K**

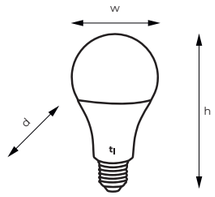
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60S272551NN

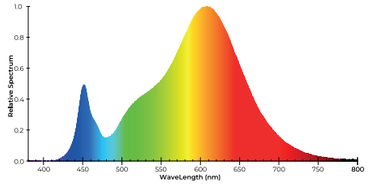




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	4.9 W
Efficiency Compared to Inc.	752 %
Efficiency Compared to CFL	70 %
Eff. Compared to Traditional LED	35 %

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

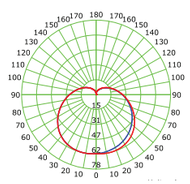
REDEEM

LED Bulb E27 **A60S 3000 K**

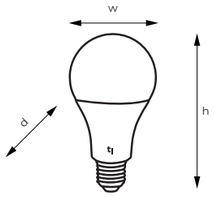
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60S302551NN

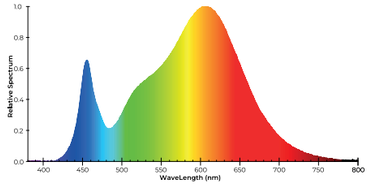




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	4.9 W
Efficiency Compared to Inc.	759 %
Efficiency Compared to CFL	72 %
Eff. Compared to Traditional LED	36 %

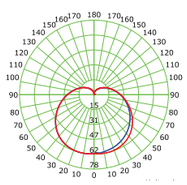
REDEEM

LED Bulb E27 **A60S 3500 K**

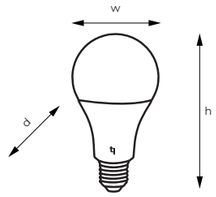
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve e a unique atmosphere in every space.

BLRDA60S352601NN

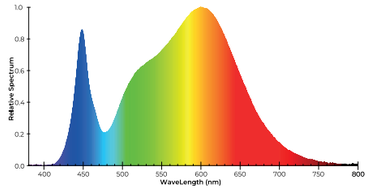




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	4.9 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.

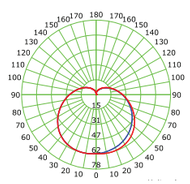
REDEEM

LED Bulb E27 **A60S 4000 K**

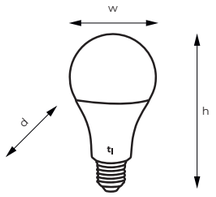
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BLRDA60S402601NN

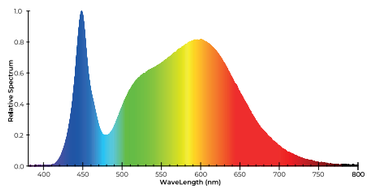




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	4.8 W
Efficiency Compared to Inc.	810 %
Efficiency Compared to CFL	82 %
Eff. Compared to Traditional LED	44 %

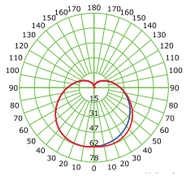
REDEEM

LED Bulb E27 **A60S 5000 K**

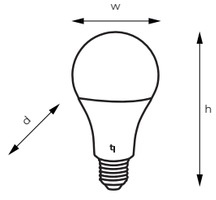
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60S502601NN

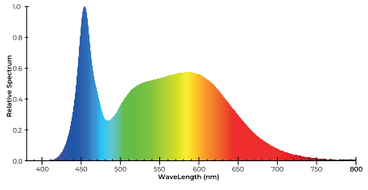




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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.

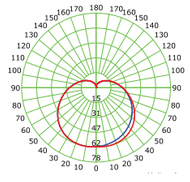
REDEEM

LED Bulb E27 **A60S 5700 K**

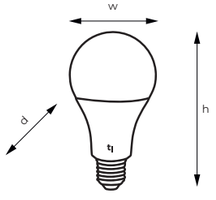
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60S572601NN

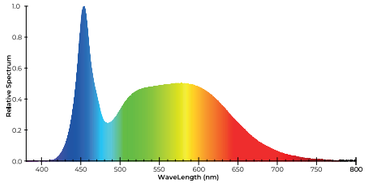




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

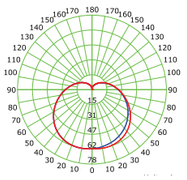
REDEEM

LED Bulb E27 **A60S 6500 K**

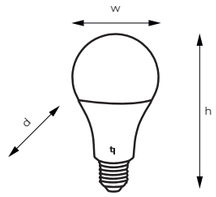
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60S652601NN

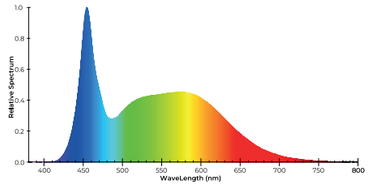




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	4.9 W
Efficiency Compared to Inc.	816 %
Efficiency Compared to CFL	83 %
Eff. Compared to Traditional LED	45 %

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

Trust in Every
Details



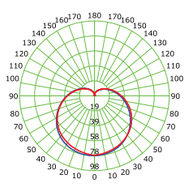
REDEEM

LED Bulb E27 **A60A 2700 K**

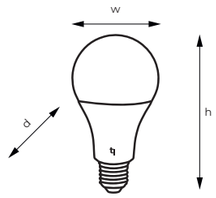
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A272701NN

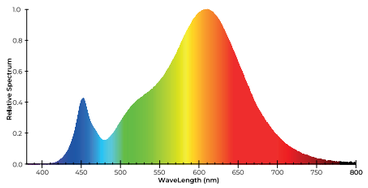




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

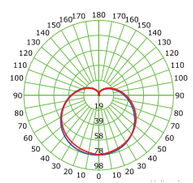
REDEEM

LED Bulb E27 **A60A 3000 K**

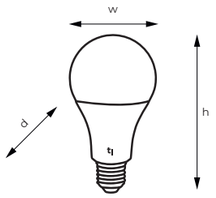
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A302701NN

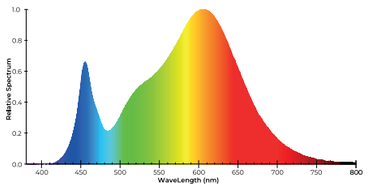




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

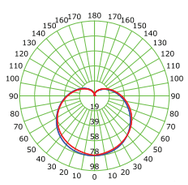
REDEEM

LED Bulb E27 **A60A 3500 K**

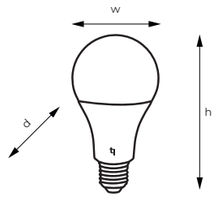
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A352801NN

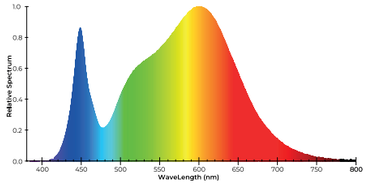




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

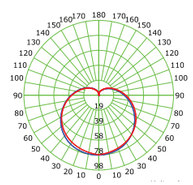
REDEEM

LED Bulb E27 **A60A 4000 K**

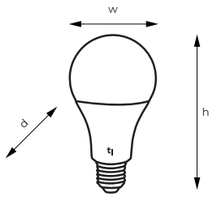
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A402801NN

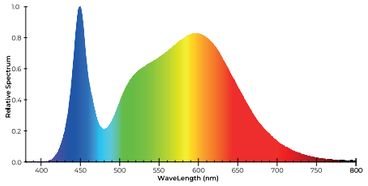




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A402801NN
GTIN (EAN13)	8684216000591
Description	Tuled Redeem E27 A60A 4000K
Description	BLRDA60A402801NN Tuled Redeem E27 A60A 6W 4000K Natural White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

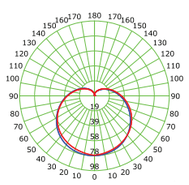
REDEEM

LED Bulb E27 **A60A 5000 K**

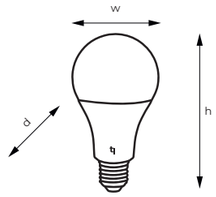
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A502801NN

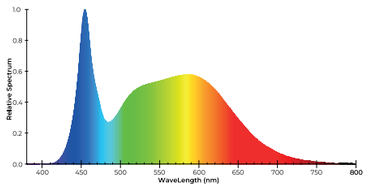




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

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

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

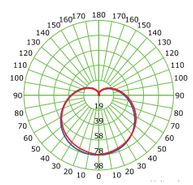
REDEEM

LED Bulb E27 **A60A 5700 K**

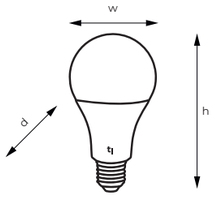
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A572801NN

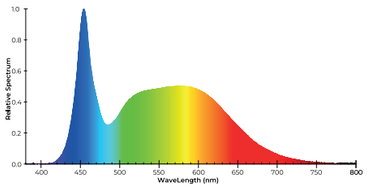




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A572801NN
GTIN (EAN13)	8684216000614
Description	Tuled Redeem E27 A60A 5700K
Description	BLRDA60A572801NN Tuled Redeem E27 A60A 6W 5700K Gloss White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

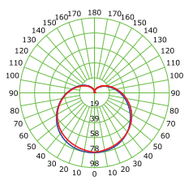
REDEEM

LED Bulb E27 **A60A 6500 K**

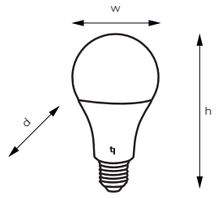
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA60A652801NN

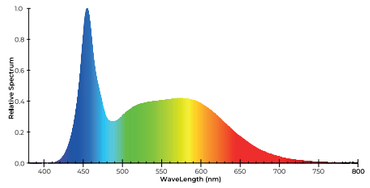




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA60A652801NN
GTIN (EAN13)	8684216000621
Description	Tuled Redeem E27 A60A 6500K
Description	BLRDA60A652801NN Tuled Redeem E27 A60A 6W 6500K Cool White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

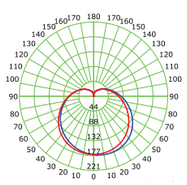
REDEEM

LED Bulb E27 **A70S 2700 K**

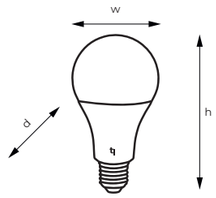
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S272102NN

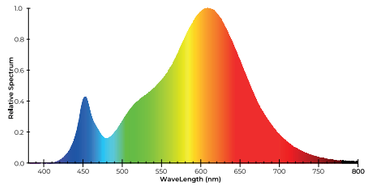




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

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

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	3.25 W
Beam Angle	160°
Luminous Flux	1028 lm
CRI	85 Ra
Lighting Efficiency	111 lm/W
Color Temperature	2700 K
Color Temperature Name	Warm White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°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	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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

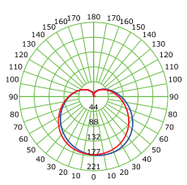
REDEEM

LED Bulb E27 **A70S 3000 K**

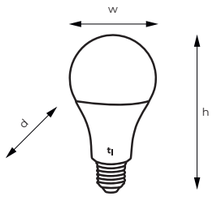
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S302102NN

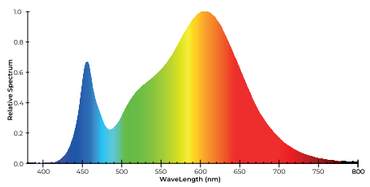




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

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

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	3.18 W
Beam Angle	160°
Luminous Flux	1016 lm
CRI	85 Ra
Lighting Efficiency	112 lm/W
Color Temperature	3000 K
Color Temperature Name	Mild White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

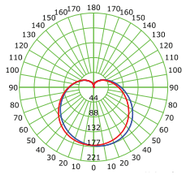
REDEEM

LED Bulb E27 **A70S 3500 K**

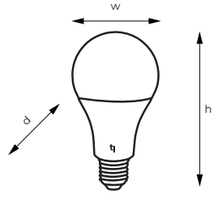
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S352112NN

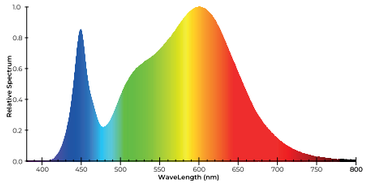




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

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

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	1119 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 - Polyamides
LED Chip Vendor	Samsung
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	40°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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.

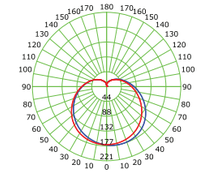
REDEEM

LED Bulb E27 **A70S 4000 K**

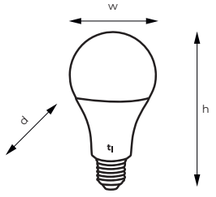
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S402112NN

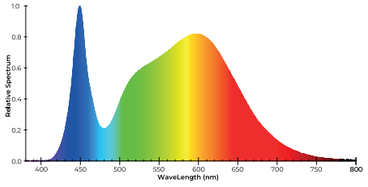




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

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

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	1094 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

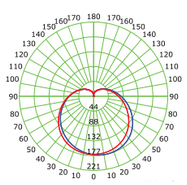
REDEEM

LED Bulb E27 **A70S 5000 K**

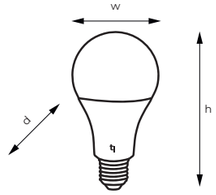
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S502112NN

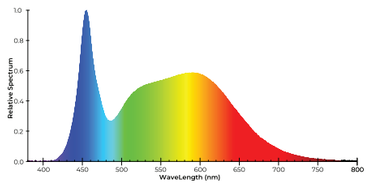




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

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

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	3.52 W
Beam Angle	160°
Luminous Flux	1093 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	9.2 W
Efficiency Compared to Inc.	810 %
Efficiency Compared to CFL	82 %
Eff. Compared to Traditional LED	44 %

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

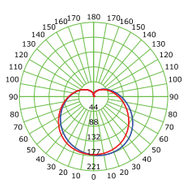
REDEEM

LED Bulb E27 **A70S 5700 K**

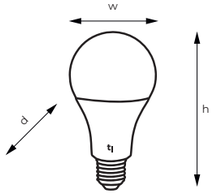
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S572112NN

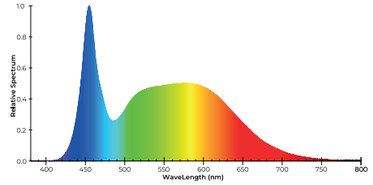




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

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

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	3.63 W
Beam Angle	160°
Luminous Flux	1118 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°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	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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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.	829 %
Efficiency Compared to CFL	86 %
Eff. Compared to Traditional LED	47 %

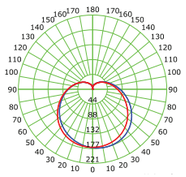
REDEEM

LED Bulb E27 **A70S 6500 K**

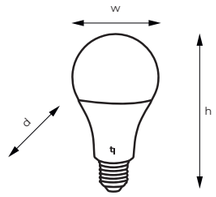
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA70S652112NN

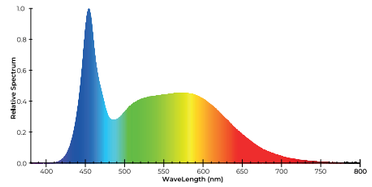




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem
Product Code	BLRDA70S652112NN
GTIN (EAN13)	8,68E+12
Description	8684216000690
Description	BLRDA70S652112NN Tuled Redeem E27 A70S 9.3W 6500K Cool White
Base	E27
Case	A70
Case Sub Type	S

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	1119 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	40°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	PA - Polyamides
LED Chip Vendor	Samsung
Diffuser Material	PC - Polycarbonates

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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.



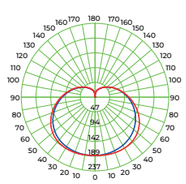
REDEEM

LED Bulb E27 **A80S 2700 K**

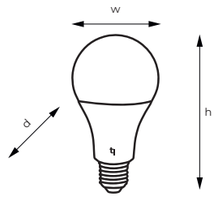
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S272132NN

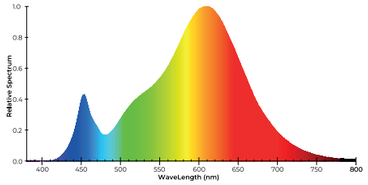




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	1309 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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.

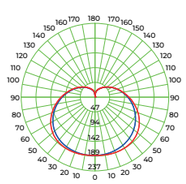
REDEEM

LED Bulb E27 **A80S 3000 K**

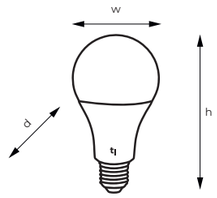
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S302132NN

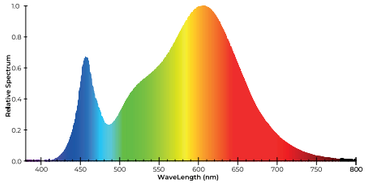




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	1305 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°C
Surface Temperature	65°C
Safe to Touch	No

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 On/Off
Warranty	36 Months

Functions

Dimmable	No

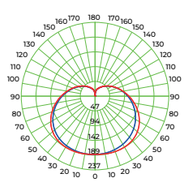
REDEEM

LED Bulb E27 **A80S 3500 K**

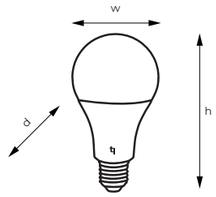
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S352142NN

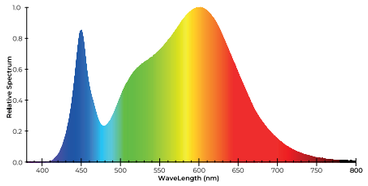




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	4.32 W
Beam Angle	190°
Luminous Flux	1405 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	3500 K
Color Temperature Name	Soft White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

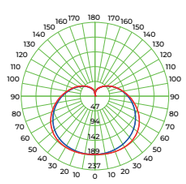
REDEEM

LED Bulb E27 **A80S 4000 K**

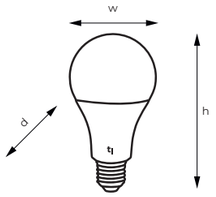
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S402142NN

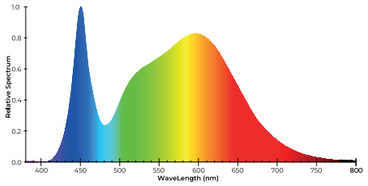




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	4.26 W
Beam Angle	190°
Luminous Flux	1341 lm
CRI	85 Ra
Lighting Efficiency	118 lm/W
Color Temperature	4000 K
Color Temperature Name	Natural White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

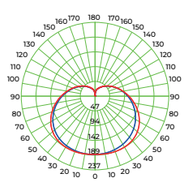
REDEEM

LED Bulb E27 **A80S 5000 K**

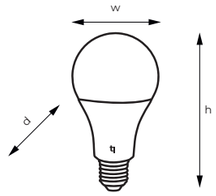
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S502142NN

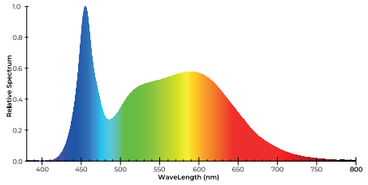




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	4.49 W
Beam Angle	190°
Luminous Flux	1389 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	5000 K
Color Temperature Name	Tuled White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

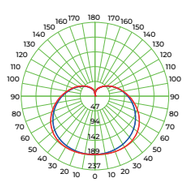
REDEEM

LED Bulb E27 **A80S 5700 K**

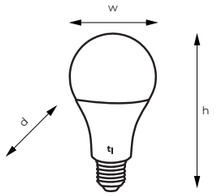
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S572142NN

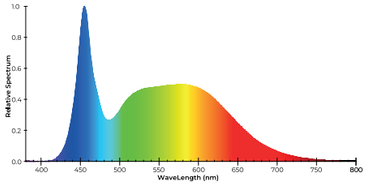




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	4.56 W
Beam Angle	190°
Luminous Flux	1393 lm
CRI	85 Ra
Lighting Efficiency	120 lm/W
Color Temperature	5700 K
Color Temperature Name	Gloss White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

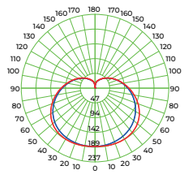
REDEEM

LED Bulb E27 **A80S 6500 K**

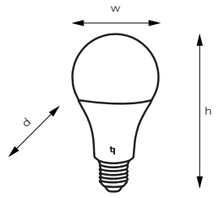
With an average efficiency of **120 lm/W**, we have combined energy saving and quality. We offered **seven (7) different color temperature options** to achieve a unique atmosphere in every space.

BLRDA80S652142NN

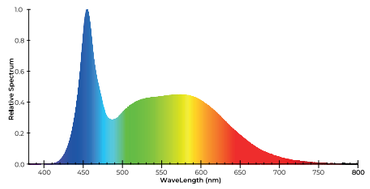




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

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

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	4.68 W
Beam Angle	190°
Luminous Flux	1418 lm
CRI	85 Ra
Lighting Efficiency	121 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

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

Lifetime

Operating Lifetime Expectancy	20,000 Hours
Life Expectancy	15 Years
Switching Count Expectancy	40,000 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	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 %

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

TULED

LED it shine

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

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.



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)
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.

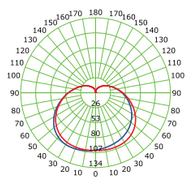
REDEEM PLUS

LED Bulb E27 **A60S 2700 K**

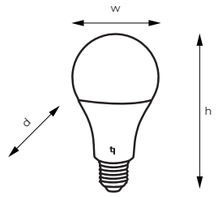
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S272601NN

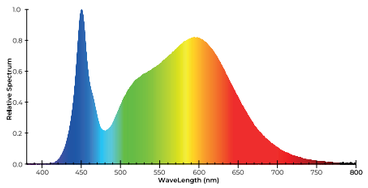




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S272601NN
GTIN (EAN13)	8684216000287
Description	Tuled Redeem Plus E27 A60S 2700K
Description	BLRPA60S272601NN Tuled Redeem Plus E27 A60S 4.6W 2700K Warm White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

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

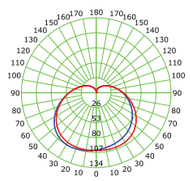
REDEEM PLUS

LED Bulb E27 **A60S 3000 K**

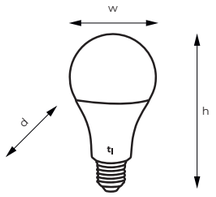
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S302701NN

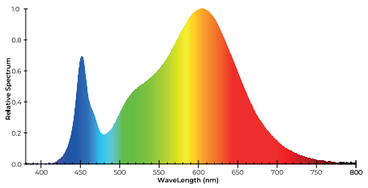




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S302701NN
GTIN (EAN13)	8684216000744
Description	Tuled Redeem Plus E27 A60S 3000K
Description	BLRPA60S302701NN Tuled Redeem Plus E27 A60S 4.7W 3000K Mild White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (pcs)

Light Characteristic

Declared Radiant Power	2.0 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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

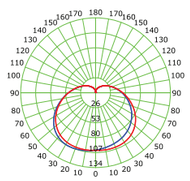
REDEEM PLUS

LED Bulb E27 **A60S 3500 K**

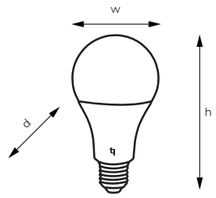
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S352701NN

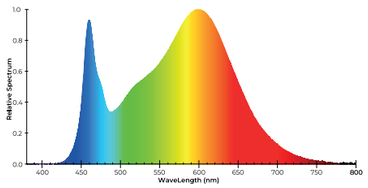




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S352701NN
GTIN (EAN13)	8684216000300
Description	Tuled Redeem Plus E27 A60S 3500K
Description	BLRPA60S352701NN Tuled Redeem Plus E27 A60S 4.6W 3500K Soft White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

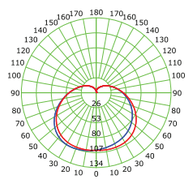
REDEEM PLUS

LED Bulb E27 **A60S 4000 K**

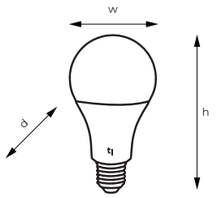
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S402701NN

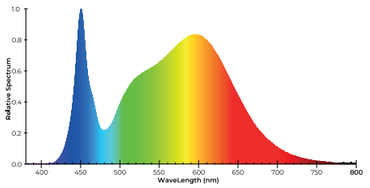




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S402701NN
GTIN (EAN13)	8684216000317
Description	Tuled Redeem Plus E27 A60S 4000K
Description	BLRPA60S402701NN Tuled Redeem Plus E27 A60S 4.7W 4000K Natural White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

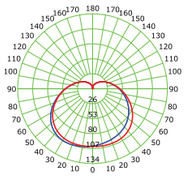
REDEEM PLUS

LED Bulb E27 **A60S 5000 K**

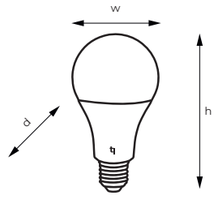
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S502701NN

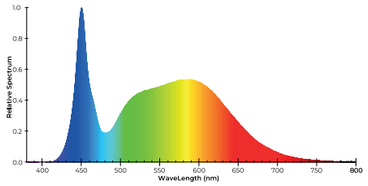




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S502701NN
GTIN (EAN13)	8684216000324
Description	Tuled Redeem Plus E27 A60S 5000K
Description	BLRPA60S502701NN Tuled Redeem Plus E27 A60S 4.7W 5000K Tuled White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

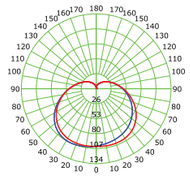
REDEEM PLUS

LED Bulb E27 **A60S 5700 K**

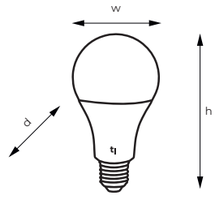
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S572701NN

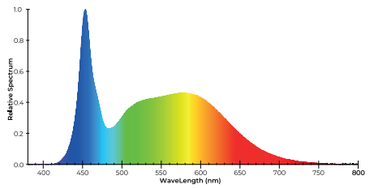




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S572701NN
GTIN (EAN13)	8684216000331
Description	Tuled Redeem Plus E27 A60S 5700K
Description	BLRPA60S572701NN Tuled Redeem Plus E27 A60S 4.6W 5700K Gloss White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

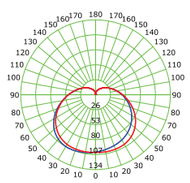
REDEEM PLUS

LED Bulb E27 **A60S 6500 K**

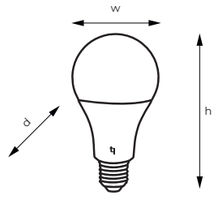
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60S652701NN

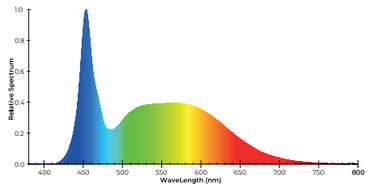




Light Projection Diagram



D: 60 mm H:110 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60S652701NN
GTIN (EAN13)	8684216000348
Description	Tuled Redeem Plus E27 A60S 6500K
Description	BLRPA60S652701NN Tuled Redeem Plus E27 A60S 4.7W 6500K Cool White
Base	E27
Case	A60
Case Sub Type	S

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	2400 (pcs)

Light Characteristic

Declared Radiant Power	2.23 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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

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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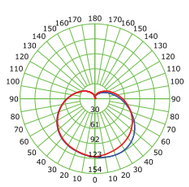
REDEEM PLUS

LED Bulb E27 **A60A 2700 K**

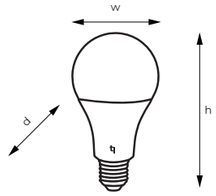
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A272801NN

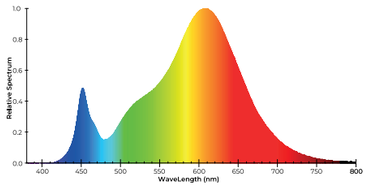




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A272801NN
GTIN (EAN13)	8684216000355
Description	Tuled Redeem Plus E27 A60A 2700K
Description	BLRPA60A272801NN Tuled Redeem Plus E27 A60A 5.7W 2700K Warm White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

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

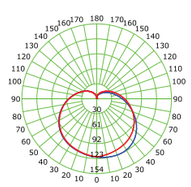
REDEEM PLUS

LED Bulb E27 **A60A 3000 K**

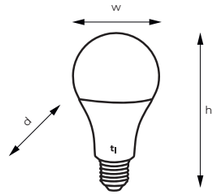
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A302901NN

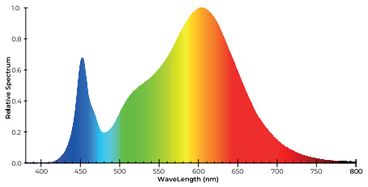




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A302901NN
GTIN (EAN13)	8684216000751
Description	Tuled Redeem Plus E27 A60A 3000K
Description	BLRPA60A302901NN Tuled Redeem Plus E27 A60A 5.9W 3000K Mild White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

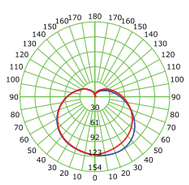
REDEEM PLUS

LED Bulb E27 **A60A 3500 K**

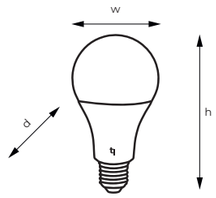
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A352901NN

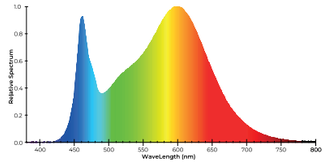




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A352901NN
GTIN (EAN13)	8684216000379
Description	Tuled Redeem Plus E27 A60A 3500K
Description	BLRPA60A352901NN Tuled Redeem Plus E27 A60A 5.8W 3500K Soft White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

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

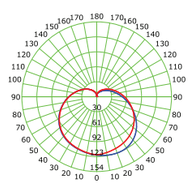
REDEEM PLUS

LED Bulb E27 **A60A 4000 K**

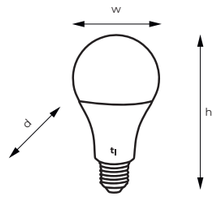
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A402901NN

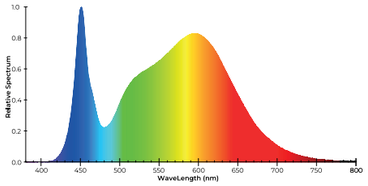




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A402901NN
GTIN (EAN13)	8684216000386
Description	Tuled Redeem Plus E27 A60A 4000K
Description	BLRPA60A402901NN Tuled Redeem Plus E27 A60A 5.7W 4000K Natural White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

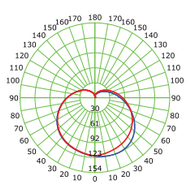
REDEEM PLUS

LED Bulb E27 **A60A 5000 K**

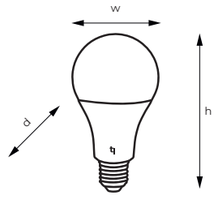
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A502901NN

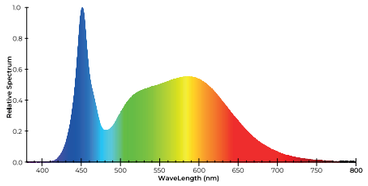




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A502901NN
GTIN (EAN13)	8684216000393
Description	Tuled Redeem Plus E27 A60A 5000K
Description	BLRPA60A502901NN Tuled Redeem Plus E27 A60A 5.8W 5000K Tuled White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

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

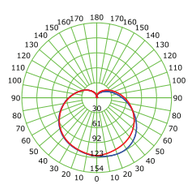
REDEEM PLUS

LED Bulb E27 **A60A 5700 K**

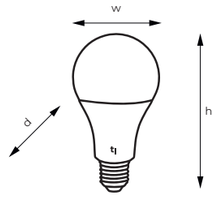
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A572901NN

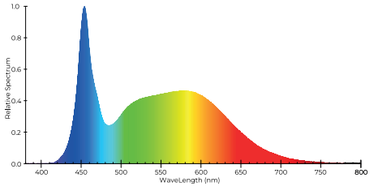




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A572901NN
GTIN (EAN13)	8684216000409
Description	Tuled Redeem Plus E27 A60A 5700K
Description	BLRPA60A572901NN Tuled Redeem Plus E27 A60A 5.8W 5700K Gloss White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

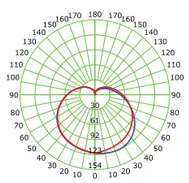
REDEEM PLUS

LED Bulb E27 **A60A 6500 K**

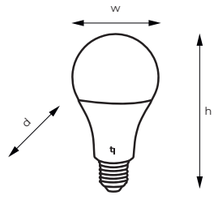
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA60A652901NN

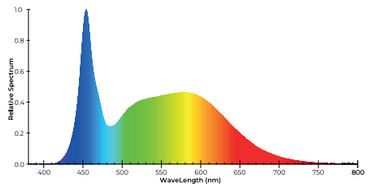




Light Projection Diagram



D: 60 mm H:118 mm W:60



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA60A652901NN
GTIN (EAN13)	8684216000416
Description	Tuled Redeem Plus E27 A60A 6500K
Description	BLRPA60A652901NN Tuled Redeem Plus E27 A60A 5.8W 6500K Cool White
Base	E27
Case	A60
Case Sub Type	A

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	2400 (pcs)

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

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %



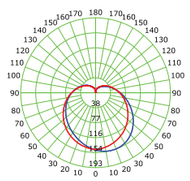
REDEEM PLUS

LED Bulb E27 **A70S 2700 K**

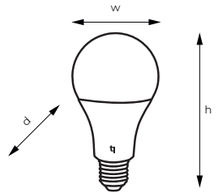
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S272122NN

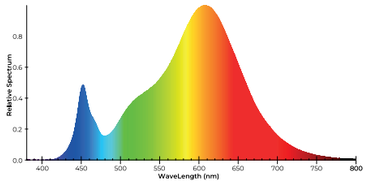




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S272122NN
GTIN (EAN13)	8684216000768
Description	Tuled Redeem Plus E27 A70S 2700K
Description	BLRPA70S272122NN Tuled Redeem Plus E27 A70S 8.8W 2700K Warm White
Base	E27
Case	A70
Case Sub Type	S

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	1183 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 - Polyamides
LED Chip Vendor	Samsung
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	40°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

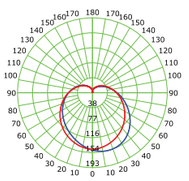
REDEEM PLUS

LED Bulb E27 **A70S 3000 K**

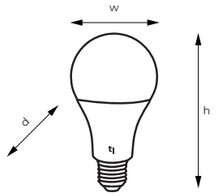
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S302132NN

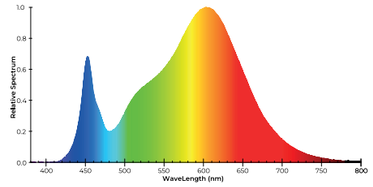




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S302132NN
GTIN (EAN13)	8684216000775
Description	Tuled Redeem Plus E27 A70S 3000K
Description	BLRPA70S302132NN Tuled Redeem Plus E27 A70S 8.9W 3000K Mild White
Base	E27
Case	A70
Case Sub Type	S

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	1258 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

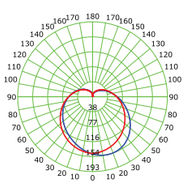
REDEEM PLUS

LED Bulb E27 **A70S 3500 K**

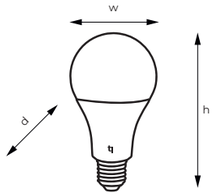
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S352132NN

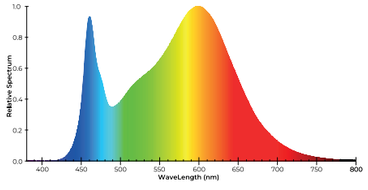




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S352132NN
GTIN (EAN13)	8684216000782
Description	Tuled Redeem Plus E27 A70S 3500K
Description	BLRPA70S352132NN Tuled Redeem Plus E27 A70S 8.9W 3500K Soft White
Base	E27
Case	A70
Case Sub Type	S

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	1262 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

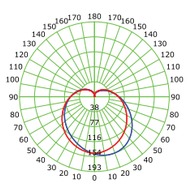
REDEEM PLUS

LED Bulb E27 **A70S 4000 K**

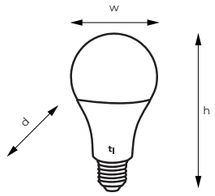
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S402132NN

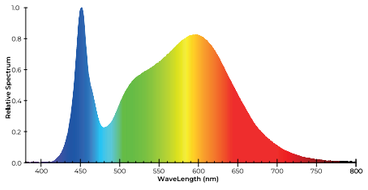




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S402132NN
GTIN (EAN13)	8684216000799
Description	Tuled Redeem Plus E27 A70S 4000K
Description	BLRPA70S402132NN Tuled Redeem Plus E27 A70S 8.9W 4000K Natural White
Base	E27
Case	A70
Case Sub Type	S

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	1296 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

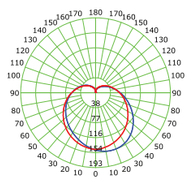
REDEEM PLUS

LED Bulb E27 **A70S 5000 K**

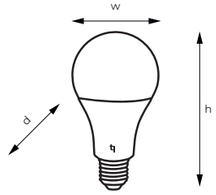
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S502132NN

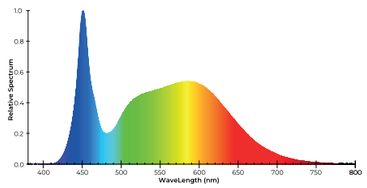




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S502132NN
GTIN (EAN13)	8684216000805
Description	Tuled Redeem Plus E27 A70S 5000K
Description	BLRPA70S502132NN Tuled Redeem Plus E27 A70S 9.1W 5000K Tuled White
Base	E27
Case	A70
Case Sub Type	S

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	1322 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

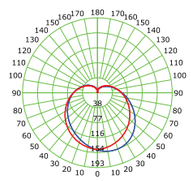
REDEEM PLUS

LED Bulb E27 **A70S 5700 K**

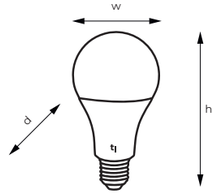
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S572132NN

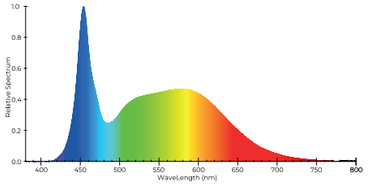




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S572132NN
GTIN (EAN13)	8684216000812
Description	Tuled Redeem Plus E27 A70S 5700K
Description	BLRPA70S572132NN Tuled Redeem Plus E27 A70S 8.9W 5700K Gloss White
Base	E27
Case	A70
Case Sub Type	S

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	1296 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

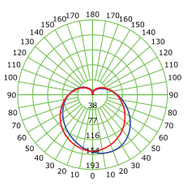
REDEEM PLUS

LED Bulb E27 **A70S 6500 K**

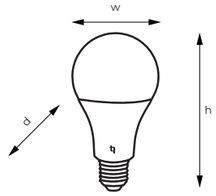
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA70S652132NN

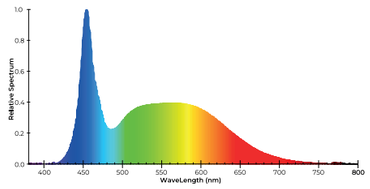




Light Projection Diagram



D: 70 mm H:134 mm W:70



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA70S652132NN
GTIN (EAN13)	8684216000829
Description	Tuled Redeem Plus E27 A70S 6500K
Description	BLRPA70S652132NN Tuled Redeem Plus E27 A70S 8.9W 6500K Cool White
Base	E27
Case	A70
Case Sub Type	S

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	4.23 W
Beam Angle	160°
Luminous Flux	1279 lm
CRI	85 Ra
Lighting Efficiency	144 lm/W
Color Temperature	6500 K
Color Temperature Name	Cool White

Thermal Character

Operating Temperature Min	-20°C
Operating Temperature Max	40°C
Surface Temperature	65°C
Safe to Touch	No

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

Production Composition

Driver Type	On Board IC
Body Material	PA - Polyamides
LED Chip Vendor	Samsung
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	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 %

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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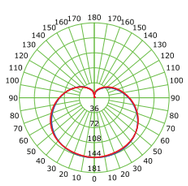
REDEEM PLUS

LED Bulb E27 **A80S 2700 K**

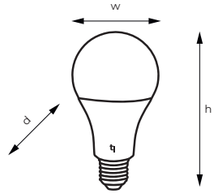
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S272152NN

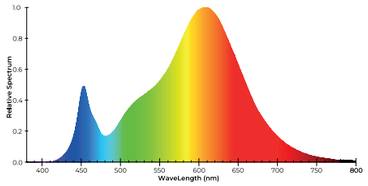




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S272152NN
GTIN (EAN13)	8684216000836
Description	Tuled Redeem Plus E27 A80S 2700K
Description	BLRPA80S272152NN Tuled Redeem Plus E27 A80S 11.1W 2700K Warm White
Base	E27
Case	A80
Case Sub Type	S

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	1479 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

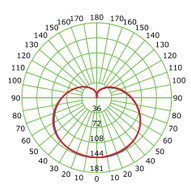
REDEEM PLUS

LED Bulb E27 **A80S 3000 K**

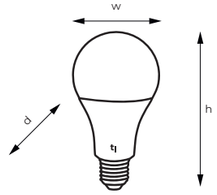
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S302162NN

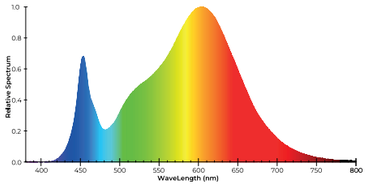




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S302162NN
GTIN (EAN13)	8684216000508
Description	Tuled Redeem Plus E27 A80S 3000K
Description	BLRPA80S302162NN Tuled Redeem Plus E27 A80S 11.1W 3000K Mild White
Base	E27
Case	A80
Case Sub Type	S

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	1553 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

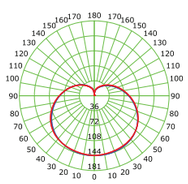
REDEEM PLUS

LED Bulb E27 **A80S 3500 K**

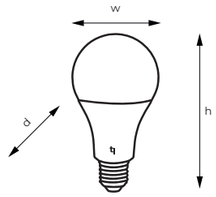
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S352162NN

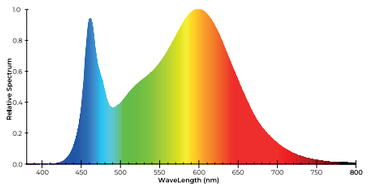




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S352162NN
GTIN (EAN13)	8684216000843
Description	Tuled Redeem Plus E27 A80S 3500K
Description	BLRPA80S352162NN Tuled Redeem Plus E27 A80S 11.1W 3500K Soft White
Base	E27
Case	A80
Case Sub Type	S

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	1566 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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.

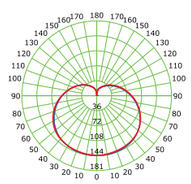
REDEEM PLUS

LED Bulb E27 **A80S 4000 K**

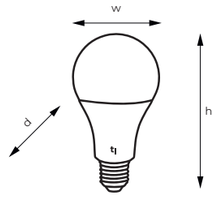
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S402162NN

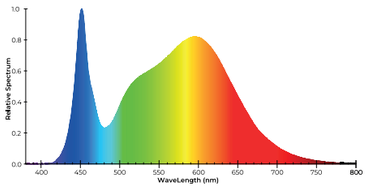




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S402162NN
GTIN (EAN13)	8684216000522
Description	Tuled Redeem Plus E27 A80S 4000K
Description	BLRPA80S402162NN Tuled Redeem Plus E27 A80S 11.1W 4000K Natural White
Base	E27
Case	A80
Case Sub Type	S

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	1607 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

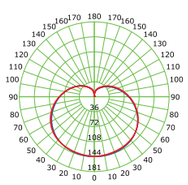
REDEEM PLUS

LED Bulb E27 **A80S 5000 K**

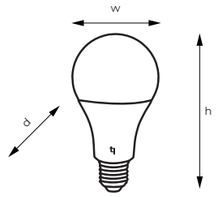
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S502162NN

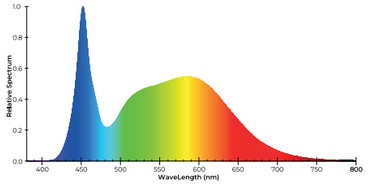




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S502162NN
GTIN (EAN13)	8684216000850
Description	Tuled Redeem Plus E27 A80S 5000K
Description	BLRPA80S502162NN Tuled Redeem Plus E27 A80S 11.3W 5000K Tuled White
Base	E27
Case	A80
Case Sub Type	S

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	1648 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 - Polyamides
LED Chip Vendor	Samsung
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	40°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.

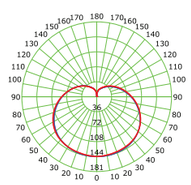
REDEEM PLUS

LED Bulb E27 **A80S 5700 K**

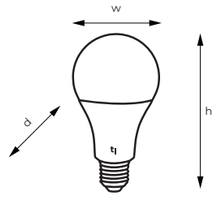
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S572162NN

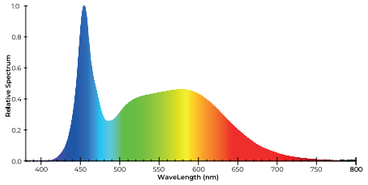




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S572162NN
GTIN (EAN13)	8684216000867
Description	Tuled Redeem Plus E27 A80S 5700K
Description	BLRPA80S572162NN Tuled Redeem Plus E27 A80S 11.3W 5700K Gloss White
Base	E27
Case	A80
Case Sub Type	S

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	1637 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	PA - Polyamides
LED Chip Vendor	Samsung
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	40°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

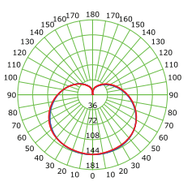
REDEEM PLUS

LED Bulb E27 **A80S 6500 K**

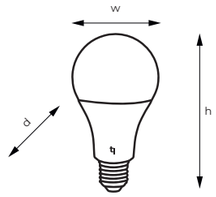
With **140 lm/W** efficiency value, we combined energy saving and quality. We offered **seven (7) different color temperature** options to achieve a unique atmosphere in every space.

BLRPA80S652162NN

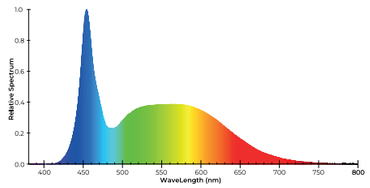




Light Projection Diagram



D: 80 mm H:148 mm W:80



Color Spectrum Distribution

General Info & ID

Product Type	LED Bulb
Series Name	Redeem Plus
Product Code	BLRPA80S652162NN
GTIN (EAN13)	8684216000874
Description	Tuled Redeem Plus E27 A80S 6500K
Description	BLRPA80S652162NN Tuled Redeem Plus E27 A80S 11.1W 6500K Cool White
Base	E27
Case	A80
Case Sub Type	S

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	1613 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	40°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	PA - Polyamides
LED Chip Vendor	Samsung
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	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.



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