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Aeon Lighting Technology Inc.

ALILED®

GOOD DESIGN  
AWARD 2012



reddot design award  
winner 2011



# High Power LED Lighting Solutions

[www.aeonlighting.com](http://www.aeonlighting.com)

2014 ver 01 (CHIPSET LUMINOUS FLUX)



Aeon Lighting Technology Inc.

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ISO 9001

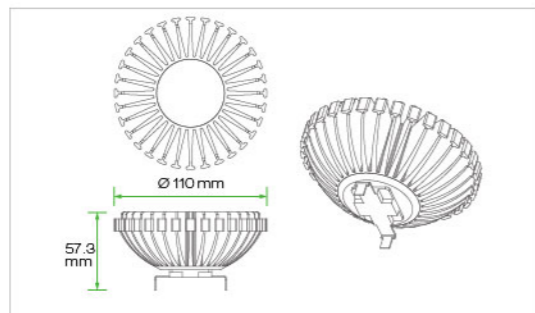
Two Million US Dollars Product Liability Insurance  
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ver 01 (CHIPSET LUMINOUS FLUX) Mar.





Compatible with all dimmers  
One Dimmer to Multiple Dimmable LEDs.

AR111



Base **GX53**  
Working Voltage **110V AC**  
**220V AC**  
Weight **8.82 oz. (250g)**  
Operating Temp **-20°C to +40°C**  
Lifespan **50,000 hours**  
Warranty **3 Years Limited**  
ALT Dimmable Transformer



CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Chipsets	<b>CREE</b> LEDs XT-E	<b>CREE</b> LEDs XP-G	<b>CREE</b> LEDs XP-E
Power Consumption	12 Watts	12 Watts	12 Watts
AR111 Beam Angle *10%	20° / 30° / 45° / 60°	24° / 30° / 50° / 60° / 90° / 135°	20° / 30° / 45° / 60° / 90° / 135°
True White CRI 70	1250 lm	-	-
True White CRI 80	-	1150 lm	980 lm
Natural White CRI 80	1100 lm	970 lm	850 lm
Warm White CRI 80	970 lm	850 lm	750 lm
Warm White CK: 2200K CRI 80	850 lm	-	-

Chipsets	LIGHT BY <b>LUXEON</b> Rebel ES	LIGHT BY <b>LUXEON</b> Rebel
Power Consumption	12 Watts	12 Watts
AR111 Beam Angle *10%	24° / 30° / 50° / 60° / 90° / 135°	20° / 30° / 45° / 60° / 90° / 135°
True White CRI 80	1150 lm	980 lm
Natural White CRI 80	970 lm	850 lm
Warm White CRI 80	850 lm	750 lm
Warm White CRI 90	680 lm	600 lm

Chipsets	<b>EPISTAR</b>
Power Consumption	12 Watts
AR111 Beam Angle *10%	45° / 60° / 90°
True White CRI 98	700 lm
Warm White CRI 98	550 lm



Compatible with all dimmers  
One Dimmer to Multiple Dimmable LEDs.

MR11



MR11-01



MR11-02



Base **GU4**  
Working Voltage **110V AC**  
**220V AC**  
Weight **1.1 oz. (30g)**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**  
ALT Dimmable Transformer



FEATURES

ALT's Asteria MR11 series guarantees outstanding efficiency and quality of high power products. All these make our MR11 products ideal for general business and decorative lighting purposes. Asteria MR11 only consumes 3W but produces 200 lm light output, and the weight is only 30g. Due to small size and weight, this product can fit in all kinds of interior design and indoor decoration.

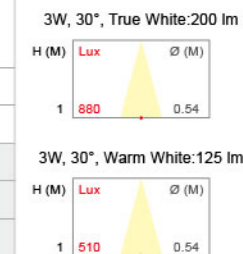
APPLICATIONS

- Shop Lighting
- Commercial Lighting
- Illumination Lighting
- Hotel Lighting
- Boutique Lighting

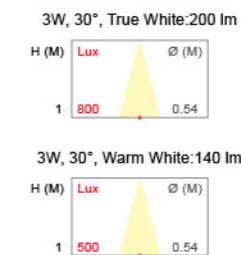
CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

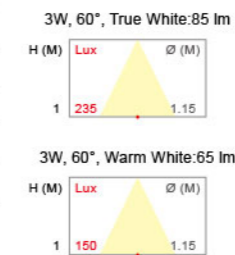
Chipsets	<b>CREE</b> LEDs XP-E	<b>CREE</b> LEDs XP-G	<b>CREE</b> LEDs XB-D	<b>CREE</b> LEDs XT-E
Power Consumption	3 Watts	3 Watts	3 Watts	3 Watts
Beam Angle *10%	30° 45° 72°	45° 60° 80°	72°	38° 45° 80°
True White CRI 70	-	-	240 lm	270 lm
True White CRI 80	200 lm	240 lm	-	-
Natural White CRI 80	160 lm	190 lm	190 lm	220 lm
Warm White CRI 80	125 lm	170 lm	170 lm	200 lm
Warm White CK: 2200K CRI 80	-	-	-	170 lm



Chipsets	LIGHT BY <b>LUXEON</b> Rebel	LIGHT BY <b>LUXEON</b> Rebel ES
Power Consumption	3 Watts	3 Watts
Beam Angle *10%	30° 45° 72°	45° 60° 80°
True White CRI 80	200 lm	240 lm
Natural White CRI 80	160 lm	190 lm
Warm White CRI 80	140 lm	170 lm
Warm White CRI 90	110 lm	140 lm



Chipsets	<b>EPISTAR</b>
Power Consumption	3 Watts
Beam Angle *10%	60° 80°
True White CRI 98	85 lm
Warm White CRI 98	65 lm





**MR16 Dimmable - Internal Transformer**



Working Voltage **110V AC**  
**220V AC**

Operating Temp **-20°C to +40°C**

Lifespan **30,000 hours**

Warranty **3 Years Limited**

**SPECIFICATIONS**

<b>Base : B22D</b>	<b>Base : GU10 / GZ10</b>	<b>Base : E26/24 (US)</b>	<b>Base : E26/27 (EURO)</b>	<b>Base : E11</b>
M01 Ø 50.5 mm (H) 62 mm Weight : 48 g	M02 Ø 49.7 mm (H) 62 mm Weight : 40 g	M01 Ø 50.5 mm (H) 56.9 mm Weight : 48 g	M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	M01 Ø 50.5 mm (H) 68.6 mm Weight : 48 g
<b>Base : E12 (US)</b>	<b>Base : E12 (EURO)</b>	<b>Base : E14 (US)</b>	<b>Base : E14 (EURO)</b>	<b>Base : E17</b>
M01 Ø 50.5 mm (H) 71 mm Weight : 48 g	M02 Ø 49.7 mm (H) 71 mm Weight : 48 g	M01 Ø 50.5 mm (H) 75 mm Weight : 48 g	M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	M01 Ø 50.5 mm (H) 75 mm Weight : 48 g
<b>Base : BA15D</b>	<p>NOTES</p> <p>*M01: The format of M01 is the most effective design of thermal conductivity within the MR16 series.</p> <p>*M02: In compliance with ANSI standard, can be installed in any MR16 fixtures.</p>			
M01 Ø 50.5 mm (H) 73.6 mm Weight : 48 g	M02 Ø 49.7 mm (H) 73.6 mm Weight : 48 g			



**MR16**



Working Voltage **100V AC , 110V AC , 120V AC , 220V AC , 230V AC , 240V AC**

Operating Temp **-20°C to +40°C**

Lifespan **20,000 hours**

Warranty **1 Year Limited**

**SPECIFICATIONS**

<b>Base : B22D</b>	<b>Base : GU10 / GZ10</b>	<b>Base : E26/24 (US)</b>	<b>Base : E26/27 (EURO)</b>	<b>Base : E11</b>
M01 Ø 50.5 mm (H) 62 mm Weight : 48 g	M02 Ø 49.7 mm (H) 62 mm Weight : 40 g	M01 Ø 50.5 mm (H) 56.9 mm Weight : 48 g	M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	M01 Ø 50.5 mm (H) 68.6 mm Weight : 48 g
<b>Base : E12 (US)</b>	<b>Base : E12 (EURO)</b>	<b>Base : E14 (US)</b>	<b>Base : E14 (EURO)</b>	<b>Base : E17</b>
M01 Ø 50.5 mm (H) 71 mm Weight : 48 g	M02 Ø 49.7 mm (H) 71 mm Weight : 48 g	M01 Ø 50.5 mm (H) 75 mm Weight : 48 g	M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	M01 Ø 50.5 mm (H) 75 mm Weight : 48 g
<b>Base : BA15D</b>	<p>NOTES</p> <p>*M01: The format of M01 is the most effective design of thermal conductivity within the MR16 series.</p> <p>*M02: In compliance with ANSI standard, can be installed in any MR16 fixtures.</p>			
M01 Ø 50.5 mm (H) 73.6 mm Weight : 48 g	M02 Ø 49.7 mm (H) 73.6 mm Weight : 48 g			

**CHIPSET LUMINOUS FLUX**

All Chipset Luminous Flux Data are indicated in max values

Power Consumption	7 Watts
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Refer to page 17 to page 19 for details.

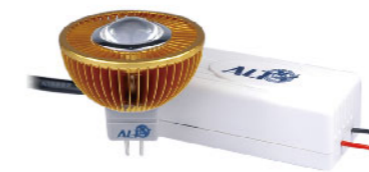
**FEATURES**

- Smooth dimming function fades from 100% to 0% light output without flicker.
- Elegant, rich and long-lasting lighting output ideal for interior design.
- High density aluminum increase heat dissipation.
- Up to 90% energy saving compared to standard halogen lamp.

**COLOR**



**MR16 Dimmable with ALT 8V Transformer**



Working Voltage **110V AC**  
**220V AC**

Operating Temp **-20°C to +40°C**

Lifespan **30,000 hours**

Warranty **3 Years Limited**

**ALT Dimmable Transformer**



**ALT Dimmable Transformer (Australian)**

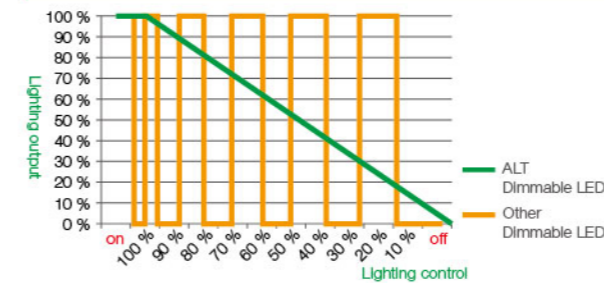


**FEATURES**

ALT's new Dimmable Series comes with a patented 8V transformer that delivers a wide, uniform dimming range free of flicker, best-in-class dimming performance, and high efficiency

- All while maintaining the original lifespan of the LED chip.
- Single dimmer for multiple MR16 LEDs.
- Easy to install : Direct replacement of the existing 8V transformer.

**COMPARISON WITH OTHER DIMMABLE LED PRODUCTS**



	ALT	Others
Dimming function comparison	<b>NO Flicker.</b>	Frequent / Constant Flicker

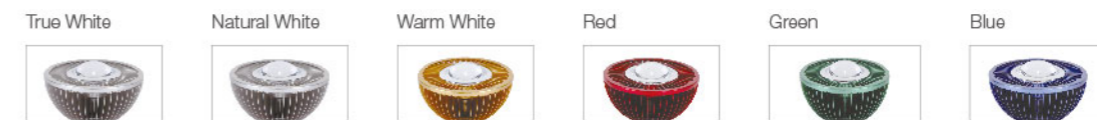
Smooth dimming function fades from 100% to 0% light output without flicker. High quality LED chips from the world's top 5 chip manufacturers guarantee optimal luminance efficacy.

**SPECIFICATIONS**

<b>Base : GX5.3/GU5.3</b>	<b>Base : B22D</b>	<b>Base : GU10 / GZ10</b>	<b>Base : E26/24 (US)</b>	<b>Base : E26/27 (EURO)</b>	<b>Base : E11</b>	<b>Base : E12 (US)</b>
M01 Ø 50.5 mm (H) 45.5 mm Weight : 25 g	M02 Ø 49.7 mm (H) 45.5 mm Weight : 48 g	M01 Ø 50.5 mm (H) 62 mm Weight : 40 g	M02 Ø 49.7 mm (H) 62 mm Weight : 48 g	M01 Ø 50.5 mm (H) 56.9 mm Weight : 48 g	M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	M01 Ø 50.5 mm (H) 71 mm Weight : 48 g
<b>Base : E12 (EURO)</b>	<b>Base : E14 (US)</b>	<b>Base : E14 (EURO)</b>	<b>Base : E17</b>	<b>Base : E210</b>	<b>Base : BA15S</b>	<b>Base : BA15D</b>
M01 Ø 50.5 mm (H) 74 mm Weight : 48 g	M02 Ø 49.7 mm (H) 74 mm Weight : 48 g	M01 Ø 50.5 mm (H) 75 mm Weight : 48 g	M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	M01 Ø 50.5 mm (H) 80.8 mm Weight : 38 g	M02 Ø 49.7 mm (H) 80.8 mm Weight : 48 g	M01 Ø 50.5 mm (H) 73.6 mm Weight : 48 g

NOTES  
\*M01: The format of M01 is the most effective design of thermal conductivity within the MR16 series. \*M02: In compliance with ANSI standard, can be installed in any MR16 fixtures.

**COLOR**



**CHIPSET LUMINOUS FLUX**

All Chipset Luminous Flux Data are indicated in max values

Power Consumption	7 Watts	Refer to page 17 to page 19 for details.
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**ALT DIMMER ONLY**  
One Dimmer to One Dimmable LED

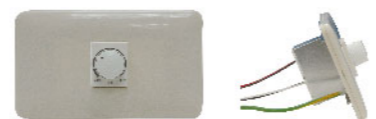
MR16 series



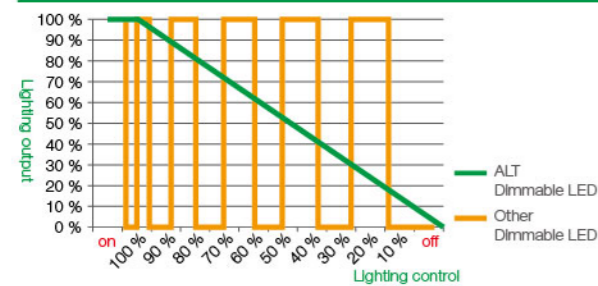
Working Voltage **100 - 240V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**



ALT Dimmer **120(L)x70(W)x50(H)**  
**6.7 oz. ( 190 g )**



COMPARISON WITH OTHER DIMMABLE LED PRODUCTS



	ALT	Others
Dimming function comparison	<b>NO Flicker.</b>	Frequent / Constant Flicker

Smooth dimming function fades from 100% to 0% light output without flicker. High quality LED chips from the world's top 5 chip manufacturers guarantee optimal luminance efficacy.

SPECIFICATIONS

Base : <b>GX5.3/GU5.3</b> M01 Ø 50.5 mm (H) 45.5 mm M02 Ø 49.7 mm (H) 45.5 mm Weight : 25 g	Base : <b>B22D</b> M01 Ø 50.5 mm (H) 62 mm M02 Ø 49.7 mm (H) 62 mm Weight : 48 g	Base : <b>GU10 / GZ10</b> M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 40 g	Base : <b>E26/24 (US)</b> M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : <b>E26/27 (EURO)</b> M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : <b>E11</b> M01 Ø 50.5 mm (H) 88.6 mm M02 Ø 49.7 mm (H) 68.6 mm Weight : 48 g	Base : <b>E12 (US)</b> M01 Ø 50.5 mm (H) 71 mm M02 Ø 49.7 mm (H) 71 mm Weight : 48 g
Base : <b>E12 (EURO)</b> M01 Ø 50.5 mm (H) 74 mm M02 Ø 49.7 mm (H) 74 mm Weight : 48 g	Base : <b>E14 (US)</b> M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	Base : <b>E14 (EURO)</b> M01 Ø 50.5 mm (H) 78 mm M02 Ø 49.7 mm (H) 78 mm Weight : 48 g	Base : <b>E17</b> M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	Base : <b>E210</b> M01 Ø 50.5 mm (H) 60.8 mm M02 Ø 49.7 mm (H) 60.8 mm Weight : 38 g	Base : <b>BA15S</b> M01 Ø 50.5 mm (H) 73.6 mm M02 Ø 49.7 mm (H) 73.6 mm Weight : 48 g	Base : <b>BA15D</b> M01 Ø 50.5 mm (H) 73.6 mm M02 Ø 49.7 mm (H) 73.6 mm Weight : 48 g

NOTES

\*M01: The format of M01 is the most effective design of thermal conductivity within the MR16 series. \*M02: In compliance with ANSI standard, can be installed in any MR16 fixtures.

COLOR



CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Power Consumption	7 Watts
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Refer to page 17 to page 19 for details.



**Compatible with all dimmers**  
One Dimmer to Multiple Dimmable LEDs.



G19 Globe Dimmable  
- Internal Transformer



Working Voltage **110V AC 220V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**

SPECIFICATIONS

Base : <b>B22D</b> M01 Ø 50.5 x 87 mm Weight : 48 g	Base : <b>GU10 / GZ10</b> M01 Ø 50.5 x 81.9 mm Weight : 40 g	Base : <b>E26/24 (US)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E26/27 (EURO)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E11</b> M01 Ø 50.5 x 93.6 mm Weight : 48 g
Base : <b>E12 (US)</b> M01 Ø 50.5 x 96 mm Weight : 48 g	Base : <b>E12 (EURO)</b> M01 Ø 50.5 x 99 mm Weight : 48 g	Base : <b>E14 (US)</b> M01 Ø 50.5 x 100 mm Weight : 48 g	Base : <b>E14 (EURO)</b> M01 Ø 50.5 x 103 mm Weight : 48 g	Base : <b>E17</b> M01 Ø 50.5 x 100 mm Weight : 48 g
Base : <b>BA15D</b> M01 Ø 50.5 x 73.6 mm Weight : 48 g				



G19 Globe

Working Voltage **100V AC , 110V AC , 120V AC , 220V AC , 230V AC , 240V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **20,000 hours**  
Warranty **1 Year Limited**

SPECIFICATIONS

Base : <b>B22D</b> M01 Ø 50.5 x 87 mm Weight : 48 g	Base : <b>GU10 / GZ10</b> M01 Ø 50.5 x 81.9 mm Weight : 40 g	Base : <b>E26/24 (US)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E26/27 (EURO)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E11</b> M01 Ø 50.5 x 93.6 mm Weight : 48 g
Base : <b>E12 (US)</b> M01 Ø 50.5 x 96 mm Weight : 48 g	Base : <b>E12 (EURO)</b> M01 Ø 50.5 x 99 mm Weight : 48 g	Base : <b>E14 (US)</b> M01 Ø 50.5 x 100 mm Weight : 48 g	Base : <b>E14 (EURO)</b> M01 Ø 50.5 x 103 mm Weight : 48 g	Base : <b>E17</b> M01 Ø 50.5 x 100 mm Weight : 48 g
Base : <b>BA15D</b> M01 Ø 50.5 x 73.6 mm Weight : 48 g				

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Power Consumption	7 Watts
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Refer to page 22 to page 23 for details.

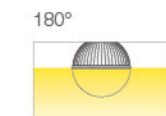
FEATURES

- Smooth dimming function fades from 100% to 0% light output without flicker.
- Elegant, rich and long-lasting lighting output ideal for Interior design.
- High density aluminum increase heat dissipation.
- Up to 90% energy saving compared to standard halogen lamp.

COLOR



BEAM ANGLE



CHIPSET LUMINOUS FLUX

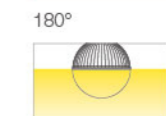
All Chipset Luminous Flux Data are indicated in max values

Chipsets	SEOUL
Power Consumption	5 Watts
True White	CRI 65 220 lm
Warm White	CRI 80 160 lm

COLOR



BEAM ANGLE





**Compatible with all dimmers**  
One Dimmer to Multiple Dimmable LEDs.



**G19 Globe Dimmable with ALT 8V Transformer**



Working Voltage **110V AC**  
**220V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**

ALT Dimmable Transformer



ALT Dimmable Transformer (Australian)

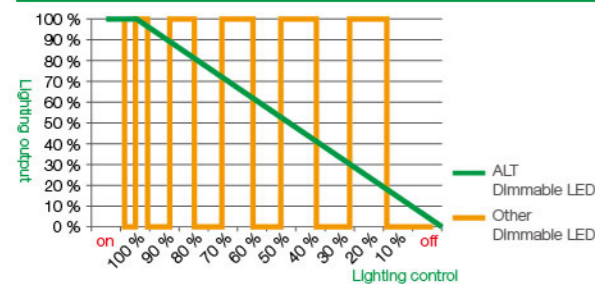


**FEATURES**

ALT's new Dimmable Series comes with a patented 8V transformer that delivers a wide, uniform dimming range free of flicker, best-in-class dimming performance, and high efficiency

- All while maintaining the original lifespan of the LED chip.
- Single dimmer for multiple G19 LEDs.
- Easy to install : Direct replacement of the existing 8V transformer.

**COMPARISON WITH OTHER DIMMABLE LED PRODUCTS**



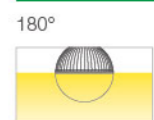
Dimming function comparison	ALT	Others
	<b>NO Flicker.</b>	Frequent / Constant Flicker

Smooth dimming function fades from 100% to 0% light output without flicker. High quality LED chips from the world's top 5 chip manufacturers guarantee optimal luminance efficacy.

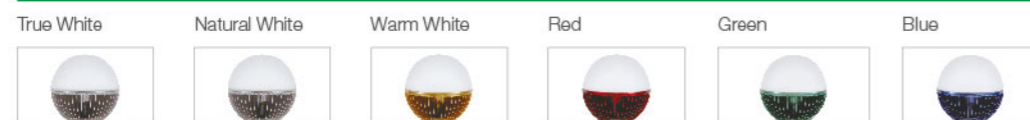
**SPECIFICATIONS**

Base : <b>GX5.3/GU5.3</b> M01 Ø 50.5 x 70.5 mm Weight : 25 g	Base : <b>B22D</b> M01 Ø 50.5 x 87 mm Weight : 48 g	Base : <b>GU10 / GZ10</b> M01 Ø 50.5 x 81.9 mm Weight : 48 g	Base : <b>E26/24 (US)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E26/27 (EURO)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E11</b> M01 Ø 50.5 x 93.6 mm Weight : 48 g	Base : <b>E12 (US)</b> M01 Ø 50.5 x 96 mm Weight : 48 g
Base : <b>E12 (EURO)</b> M01 Ø 50.5 x 99 mm Weight : 48 g	Base : <b>E14 (US)</b> M01 Ø 50.5 x 100 mm Weight : 48 g	Base : <b>E14 (EURO)</b> M01 Ø 50.5 x 103 mm Weight : 48 g	Base : <b>E17</b> M01 Ø 50.5 x 100 mm Weight : 48 g	Base : <b>EZ10</b> M01 Ø 50.5 x 100 mm Weight : 38 g	Base : <b>BA15S</b> M01 Ø 50.5 x 73.6 mm Weight : 48 g	Base : <b>BA15D</b> M01 Ø 50.5 x 73.6 mm Weight : 48 g

**BEAM ANGLE**



**COLOR**



**CHIPSET LUMINOUS FLUX**

All Chipset Luminous Flux Data are indicated in max values

Power Consumption **7 Watts** Refer to page 22 to page 23 for details.



**ALT Dimmer ONLY**  
One Dimmer to One DC Dimmable LED



**G19 Globe**

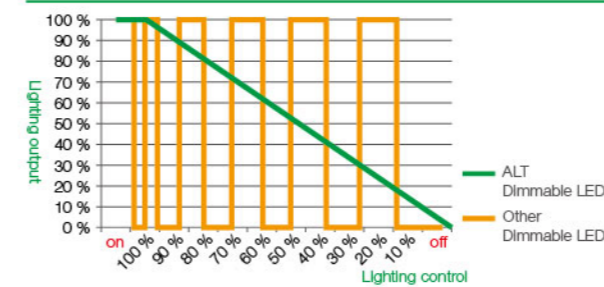


Working Voltage **100 - 240V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**

ALT Dimmer **120(L)x70(W)x50(H)**  
**6.7 oz. ( 190 g )**



**COMPARISON WITH OTHER DIMMABLE LED PRODUCTS**



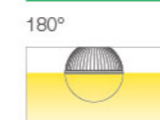
Dimming function comparison	ALT	Others
	<b>NO Flicker.</b>	Frequent / Constant Flicker

Smooth dimming function fades from 100% to 0% light output without flicker. High quality LED chips from the world's top 5 chip manufacturers guarantee optimal luminance efficacy.

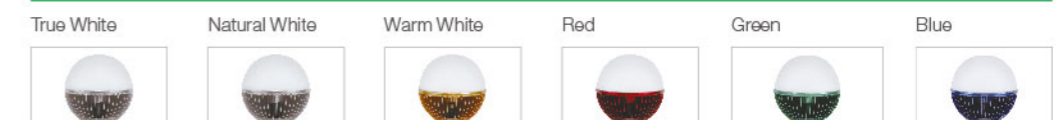
**SPECIFICATIONS**

Base : <b>GX5.3/GU5.3</b> M01 Ø 50.5 x 70.5 mm Weight : 25 g	Base : <b>B22D</b> M01 Ø 50.5 x 87 mm Weight : 48 g	Base : <b>GU10 / GZ10</b> M01 Ø 50.5 x 81.9 mm Weight : 40 g	Base : <b>E26/24 (US)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E26/27 (EURO)</b> M01 Ø 50.5 x 82.9 mm Weight : 48 g	Base : <b>E11</b> M01 Ø 50.5 x 93.6 mm Weight : 48 g	Base : <b>E12 (US)</b> M01 Ø 50.5 x 96 mm Weight : 48 g
Base : <b>E12 (EURO)</b> M01 Ø 50.5 x 99 mm Weight : 48 g	Base : <b>E14 (US)</b> M01 Ø 50.5 x 100 mm Weight : 48 g	Base : <b>E14 (EURO)</b> M01 Ø 50.5 x 103 mm Weight : 48 g	Base : <b>E17</b> M01 Ø 50.5 x 100 mm Weight : 48 g	Base : <b>EZ10</b> M01 Ø 50.5 x 100 mm Weight : 38 g	Base : <b>BA15S</b> M01 Ø 50.5 x 73.6 mm Weight : 48 g	Base : <b>BA15D</b> M01 Ø 50.5 x 73.6 mm Weight : 48 g

**BEAM ANGLE**



**COLOR**



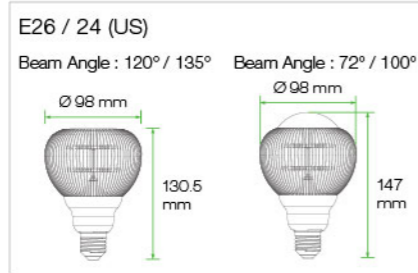
**CHIPSET LUMINOUS FLUX**

All Chipset Luminous Flux Data are indicated in max values

Power Consumption **7 Watts** Refer to page 22 to page 23 for details.



**BR30**



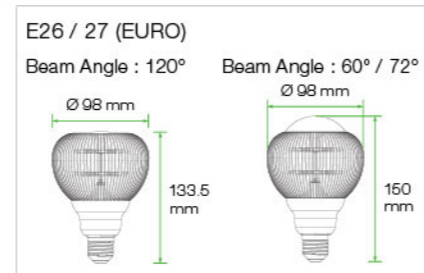
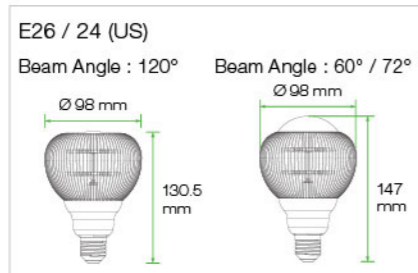
Working Voltage **110V AC, 220V AC**  
Weight **9.2 oz. ( 260 g )**  
Operating Temp **-20°C to +40°C**  
Lifespan **20,000 hours**  
Warranty **3 Year Limited**

**CHIPSET LUMINOUS FLUX**    All Chipset Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XP-G	CREE LEDs XP-E	LIGHT BY LUXEON Rebel
Power Consumption	15 Watts		15 Watts
Beam Angle	*10%    72°    120°		72°    120°
True White	CRI 80    1800 lm	1000 lm	1000 lm
Natural White	CRI 80    1475 lm	1000 lm	1000 lm
Warm White	CRI 80    1300 lm	750 lm	750 lm

Chipsets	EPISTAR
Power Consumption	15 Watts
Beam Angle	*10%    100°    135°
True White	CRI 98    680 lm
Warm White	CRI 98    520 lm

**BR30**



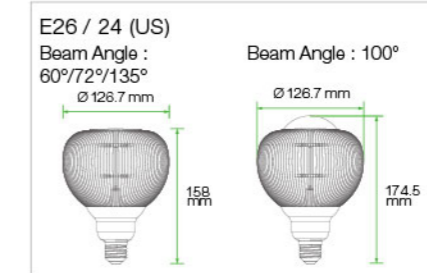
Working Voltage **110V AC, 220V AC**  
Weight **9.2 oz. ( 260 g )**  
Operating Temp **-20°C to +40°C**  
Lifespan **20,000 hours**  
Warranty **1 Year Limited**

**CHIPSET LUMINOUS FLUX**    All Chipset Luminous Flux Data are indicated in max values

Chipsets	EPISTAR
Power Consumption	10 Watts
Beam Angle	*10%    60°    72°    120°
True White	CRI 70    400 lm
Natural White	CRI 70    400 lm
Warm White	CRI 70    300 lm



**BR40**



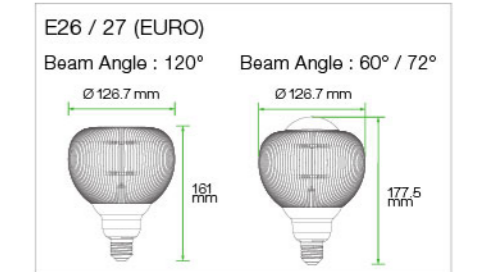
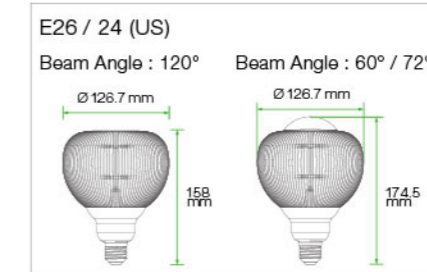
Working Voltage **110V AC, 220V AC**  
Weight **15.2 oz. ( 430 g )**  
Operating Temp **-20°C to +40°C**  
Lifespan **20,000 hours**  
Warranty **3 Year Limited**

**CHIPSET LUMINOUS FLUX**    All Chipset Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XT-E	CREE LEDs XP-G	LIGHT BY LUXEON Rebel ES
Power Consumption	20 Watts	30 Watts	20 Watts
Beam Angle	*10%    100°    135°	100°    135°	100°    135°
True White	CRI 70    2000 lm	3050 lm	-
	CRI 80    -	-	1850 lm
Natural White	CRI 80    1650 lm	2650 lm	1550 lm
Warm White	CRI 80    1450 lm	2180 lm	1350 lm
	CRI 90    -	-	1090 lm
Warm White CK: 2200K	CRI 80    1250 lm	1950 lm	-

Chipsets	CREE LEDs XM-L	BRIDGELUX
Power Consumption	30 Watts	30 Watts
Beam Angle	*10%    100°    135°	60°    72°    100°
True White	CRI 65    3050 lm	2350 lm
	CRI 75    2650 lm	-
Natural White	CRI 80    -	2140 lm
Warm White	CRI 80    2180 lm	-
	CRI 82    -	1520 lm

**BR40**



Working Voltage **110V AC, 220V AC**  
Weight **15.2 oz. ( 430 g )**  
Operating Temp **-20°C to +40°C**  
Lifespan **20,000 hours**  
Warranty **1 Year Limited**

**CHIPSET LUMINOUS FLUX**    All Chipset Luminous Flux Data are indicated in max values

Chipsets	EPISTAR
Power Consumption	20 Watts
Beam Angle	*10%    60°    72°    120°
True White	CRI 70    800 lm
Natural White	CRI 70    800 lm
Warm White	CRI 70    600 lm



Compatible with all dimmers  
One Dimmer to Multiple Dimmable LEDs.

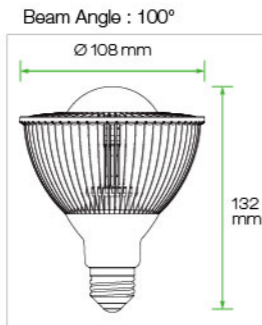


PAR30 (IP68) - P03

IP68 CE FC REACH LVD Testing Compliant RoHS Compliant Laser Testing Compliant

**E26 / 24 (US)**

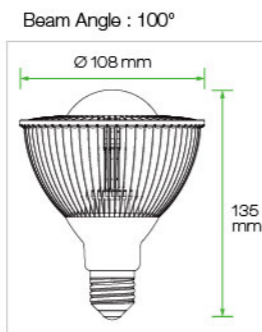
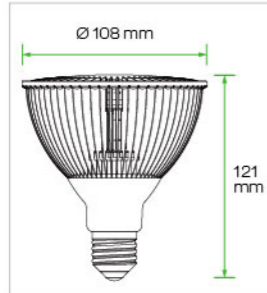
Beam Angle : 30°/38°/45°/50°  
60°/72°/80°/90°/135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited

**E26 / 27 (EURO)**

Beam Angle : 30°/38°/45°/50°  
60°/72°/80°/90°/135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited

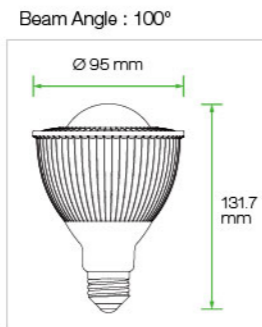


PAR30 (IP68) - P04

IP68 CE FC REACH LVD Testing Compliant RoHS Compliant Laser Testing Compliant

**E26 / 24 (US)**

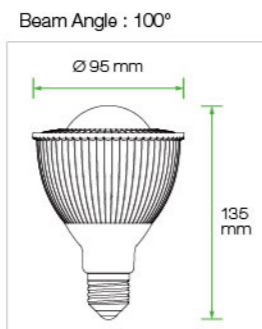
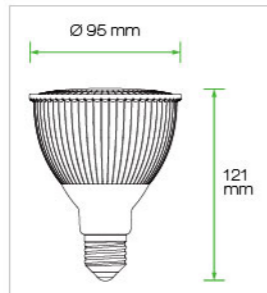
Beam Angle : 30°/38°/45°/50°  
60°/72°/80°/90°/135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited

**E26 / 27 (EURO)**

Beam Angle : 30°/38°/45°/50°  
60°/72°/80°/90°/135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited



Compatible with all dimmers  
One Dimmer to Multiple Dimmable LEDs.

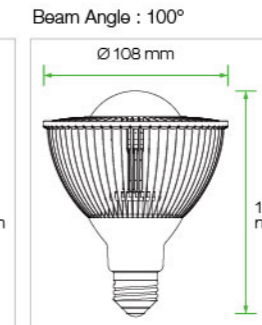


PAR30 - P01

CE FC REACH LVD Testing Compliant RoHS Compliant Laser Testing Compliant

**E26 / 24 (US)**

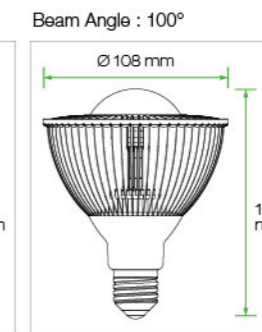
Beam Angle : 25°/ 38°/ 60°/ 90°/ 135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited

**E26 / 27 (EURO)**

Beam Angle : 25°/ 38°/ 60°/ 90°/ 135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited

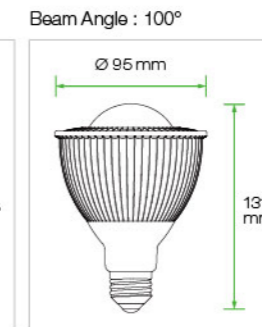
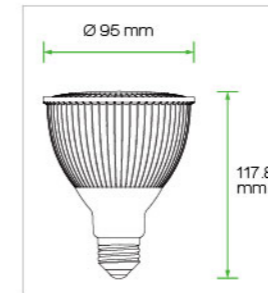


PAR30 - P02

CE FC REACH LVD Testing Compliant RoHS Compliant Laser Testing Compliant

**E26 / 24 (US)**

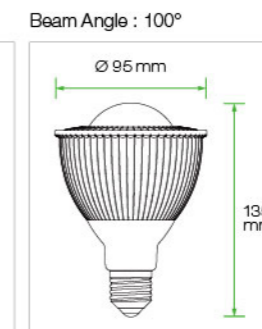
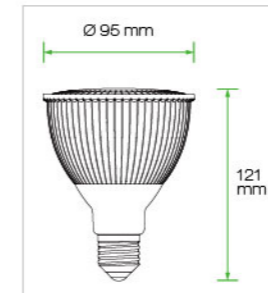
Beam Angle : 25°/ 38°/ 60°/ 90°/ 135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited

**E26 / 27 (EURO)**

Beam Angle : 25°/ 38°/ 60°/ 90°/ 135°



Working Voltage 110V AC  
220V AC  
Weight 14 oz. ( 400 g )  
Operating Temp -65°C to +40°C  
Lifespan 50,000 hours  
Warranty 3 Years Limited





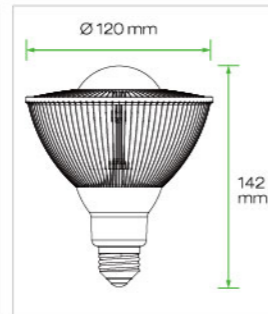
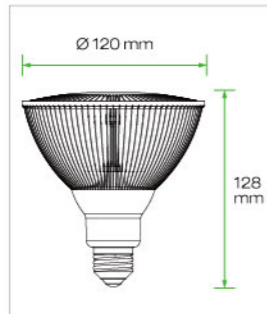
PAR38 (IP68) - P21



**E26 / 24 (US)**

Beam Angle :  
38°/72°/80°/120°/135°

Beam Angle : 100°



Working Voltage **110V AC**  
**220V AC**  
Weight **17.6 oz. ( 500 g )**  
Operating Temp **-65°C to +40°C**  
Lifespan **50,000 hours**  
Warranty **3 Years Limited**

**E26 / 27 (EURO)**

Beam Angle :  
38°/72°/80°/120°/135°

Beam Angle : 100°



Working Voltage **110V AC**  
**220V AC**  
Weight **17.6 oz. ( 500 g )**  
Operating Temp **-65°C to +40°C**  
Lifespan **50,000 hours**  
Warranty **3 Years Limited**

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XT-E	
Power Consumption	30 Watts	
Beam Angle <sup>+10%</sup>	100°	135°
True White CRI 70	3050 lm	
Natural White CRI 80	2650 lm	
Warm White CRI 80	2180 lm	
Warm White CK: 2200K CRI 80	1950 lm	

Chipsets	CREE LEDs XM-L			
Power Consumption	30 Watts			
Beam Angle <sup>+10%</sup>	38°	80°	100°	135°
True White CRI 65	3050 lm			
Natural White CRI 75	2650 lm			
Warm White CRI 80	2180 lm			

Chipsets	BRIDGELUX	
Power Consumption	30 Watts	
Beam Angle <sup>+10%</sup>	72°	120°
True White CRI 65	2350 lm	
Natural White CRI 80	2140 lm	
Warm White CRI 82	1520 lm	



PAR38 - P20



**E26 / 24 (US)**

Beam Angle :  
60°/72°/120°/135°

Beam Angle : 100°



Working Voltage **110V AC**  
**220V AC**  
Weight **17.6 oz. ( 500 g )**  
Operating Temp **-65°C to +40°C**  
Lifespan **50,000 hours**  
Warranty **3 Years Limited**

**E26 / 27 (EURO)**

Beam Angle :  
60°/72°/120°/135°

Beam Angle : 100°



Working Voltage **110V AC**  
**220V AC**  
Weight **17.6 oz. ( 500 g )**  
Operating Temp **-65°C to +40°C**  
Lifespan **50,000 hours**  
Warranty **3 Years Limited**

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XT-E	
Power Consumption	30 Watts	
Beam Angle <sup>+10%</sup>	100°	135°
True White CRI 70	3050 lm	
Natural White CRI 80	2650 lm	
Warm White CRI 80	2180 lm	
Warm White CK: 2200K CRI 80	1950 lm	

Chipsets	CREE LEDs XM-L			
Power Consumption	30 Watts			
Beam Angle <sup>+10%</sup>	100°	135°		
True White CRI 65	3050 lm			
Natural White CRI 75	2650 lm			
Warm White CRI 80	2180 lm			

Chipsets	BRIDGELUX	
Power Consumption	30 Watts	
Beam Angle <sup>+10%</sup>	60°	100°
True White CRI 65	2350 lm	
Natural White CRI 80	2140 lm	
Warm White CRI 82	1520 lm	





Compatible with all dimmers  
One Dimmer to Multiple Dimmable LEDs.

Spotlight



Working Voltage 100 - 130V AC  
220 - 240V AC  
Operating Temp -20°C to +40°C  
Lifespan 20,000 hours  
Warranty 1 Year Limited



Features

High quality LED chips from the world's top 5 chip manufacturers guarantee optimal luminance efficacy.  
Proprietary power design assures stability and endurance.

Specifications

Base : E11		Base : E12 (US)		Base : E12 (EURO)		Base : E14 (US)		Base : E14 (EURO)	
Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black
Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm
77 mm	71 mm	79 mm	79 mm	82 mm	82 mm	77 mm	77 mm	86.5 mm	86.5 mm
Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g

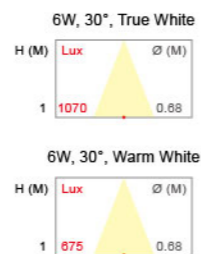
  

Base : E17		Base : E26/24 (US)		Base : E26/27 (EURO)		Base : BD22		Base : GU10 / GZ10	
Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black
Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm
79 mm	79 mm	78.66 mm	73.66 mm	81.65 mm	76.65 mm	78 mm	73 mm	78 mm	74 mm
Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g	Weight : 72 g

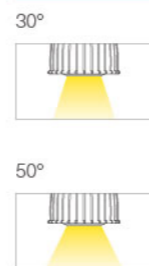
CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Chipsets	LIGHT BY LUXEON Rebel ES	LIGHT BY LUXEON Rebel
Power Consumption	6 Watts	6 Watts
Beam Angle	50°	30°
True White	CRI 80 510 lm	CRI 80 450 lm
Natural White	CRI 80 480 lm	CRI 80 420 lm
Warm White	CRI 80 345 lm	CRI 90 300 lm
Red	-	190 lm
Green	-	450 lm
Blue	-	145 lm



BEAM ANGLE



Compatible with all dimmers  
One Dimmer to Multiple Dimmable LEDs.



Chandelier Light



Working Voltage 110 - 130V AC  
220 - 240V AC  
Operating Temp -20°C to +40°C  
Lifespan 20,000 hours  
Warranty 3 Years Limited

Specifications

Base : B22D		Base : E26 / 24 (US)		Base : E26 / 27 (EURO)		Base : E11	
Ø 37.5x95 mm	Ø 37.5x106.5 mm	Ø 37.5x98.6 mm	Ø 37.5x110.1 mm	Ø 37.5x101.6 mm	Ø 37.5x113.1 mm	Ø 37.5x101.8 mm	Ø 37.5x113.3 mm
90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g

Base : E12 (US)		Base : E12 (EURO)		Base : E14 (US)		Base : E14 (EURO)		Base : E17	
Ø 37.5x104 mm	Ø 37.5x115.5 mm	Ø 37.5x107 mm	Ø 37.5x118.5 mm	Ø 37.5x108.3 mm	Ø 37.5x119.8 mm	Ø 37.5x113.6 mm	Ø 37.5x125.1 mm	Ø 37.5x106.5 mm	Ø 37.5x118 mm
90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

Chipsets	LIGHT BY LUXEON Rebel ES	LIGHT BY LUXEON Rebel	CREE LEDs XP-G	CREE LEDs XP-E	CREE LEDs XB-D	Chipsets	CREE LEDs XT-E	
Power Consumption	4 Watts			4 Watts		Power Consumption	4 Watts	
Beam Angle	180° / 270°			180° / 270°		Beam Angle	180° / 270°	
True White	CRI 70	-	-	-	320 lm	True White	CRI 70 340 lm	
	CRI 80	320 lm	220 lm	320 lm	220 lm	Natural White	CRI 80 300 lm	
Natural White	CRI 80	280 lm	220 lm	280 lm	200 lm	280 lm	Warm White	CRI 80 240 lm
	CRI 90	170 lm	-	-	-	-	Warm White CK: 2200K	CRI 80 220 lm
Red	-	110 lm	-	110 lm	-			
Green	-	220 lm	-	200 lm	-			
Blue	-	70 lm	-	65 lm	-			

BEAM ANGLE





**Compatible with all dimmers**  
One Dimmer to Multiple Dimmable LEDs.



**A19 Bulb Dimmable Internal Transformer**

Working Voltage **110V AC**  
**220V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**



**CHIPSET LUMINOUS FLUX**  
All Chipset Luminous Flux Data are indicated in max values

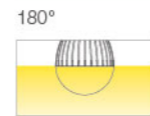
Power Consumption	7 Watts
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Refer to page 40 to page 41 for details.

**FEATURES**

- Smooth dimming function fades from 100% to 0% light output without flicker.
- Elegant, rich and long-lasting lighting output ideal for interior design.
- High density aluminum increase heat dissipation.
- Up to 90% energy saving compared to standard halogen lamp.

**BEAM ANGLE**



**SPECIFICATIONS**

Base : <b>B22D</b>	Base : <b>E26 / 24 (US)</b>	Base : <b>E26 / 27 (EURO)</b>	Base : <b>E11</b>	Base : <b>E12 (US)</b>
Ø 49.8x104 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x108 mm Weight : 90 g	Ø 49.8x99 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g
Base : <b>E12 (EURO)</b>	Base : <b>E14 (US)</b>	Base : <b>E14 (EURO)</b>	Base : <b>E17</b>	
Ø 49.8x105 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	



**A19 Bulb**

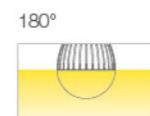
Working Voltage **100V AC , 110V AC , 120V AC , 220V AC , 230V AC , 240V AC**  
Operating Temp **-20°C to +40°C**  
Lifespan **20,000 hours**  
Warranty **1 Year Limited**



**CHIPSET LUMINOUS FLUX**  
All Chipset Luminous Flux Data are indicated in max values

Chipsets	SEOUL
Power Consumption	5 Watts
True White	CRI 65 220 lm
Warm White	CRI 80 160 lm

**BEAM ANGLE**



**SPECIFICATIONS**

Base : <b>B22D</b>	Base : <b>E26 / 24 (US)</b>	Base : <b>E26 / 27 (EURO)</b>	Base : <b>E11</b>	Base : <b>E12 (US)</b>
Ø 49.8x104 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x108 mm Weight : 90 g	Ø 49.8x99 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g
Base : <b>E12 (EURO)</b>	Base : <b>E14 (US)</b>	Base : <b>E14 (EURO)</b>	Base : <b>E17</b>	
Ø 49.8x105 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	



**Compatible with all dimmers**  
One Dimmer to Multiple Dimmable LEDs.



**A55 Bulb Dimmable**

Working Voltage **110V AC**  
**220V AC**  
Operating Temp **-65°C to +40°C**  
Lifespan **40,000 hours**  
Warranty **3 Year Limited**



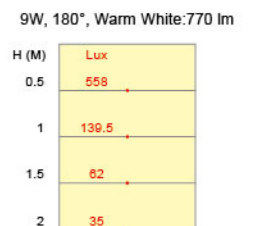
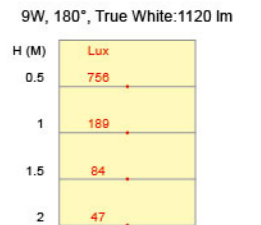
**SPECIFICATIONS**

Base : <b>B22D</b>	Base : <b>E17</b>	Base : <b>E26 / 24 (US)</b>	Base : <b>E26 / 27 (EURO)</b>
Ø 55x107.9 mm Weight : 90 g	Ø 55x11.1 mm Weight : 90 g	Ø 55x104.7 mm Weight : 90 g	Ø 55x106.7 mm Weight : 90 g

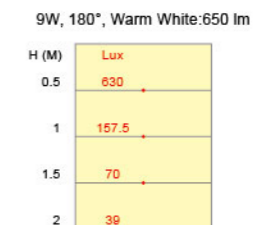
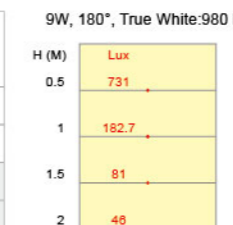
**CHIPSET LUMINOUS FLUX**

All Chipset Luminous Flux Data are indicated in max values

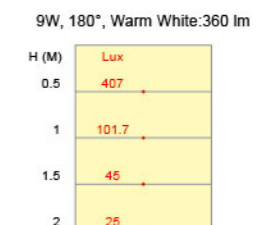
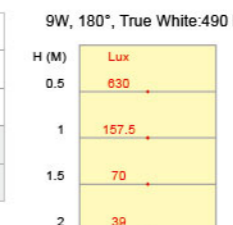
Chipsets	<b>CREE</b> LEDs XP-E HEW	<b>CREE</b> LEDs XP-G	<b>CREE</b> LEDs MT-G	<b>CREE</b> LEDs XM-L	<b>CREE</b> LEDs XB-D	<b>CREE</b> LEDs XT-E
Power Consumption	9 Watts	9 Watts	9 Watts	9 Watts	9 Watts	9 Watts
Light Distribution	180° / 360° (Omnidirection)				180°	180°
True White	CRI 70	-	-	-	1000 lm	1120 lm
	CRI 75	-	-	1080 lm	800 lm	-
	CRI 80	880 lm	1000 lm	-	-	-
Natural White	CRI 80	780 lm	820 lm	870 lm	700 lm	850 lm
Warm White	CRI 80	630 lm	650 lm	720 lm	580 lm	650 lm
Warm White CK: 2200K	CRI 80	-	-	-	-	680 lm



Chipsets	<b>LUXEON</b> Rebel ES	<b>LUXEON</b> Rebel
Power Consumption	9 Watts	9 Watts
Light Distribution	180° / 360° (Omnidirection)	
True White	CRI 80 980 lm	780 lm
Natural White	CRI 80 820 lm	720 lm
Warm White	CRI 80 650 lm	550 lm
	CRI 90 520 lm	420 lm



Chipsets	<b>EPISTAR</b>
Power Consumption	9 Watts
Light Distribution	180° / 360° (Omnidirection)
True White	CRI 70 780 lm
Warm White	CRI 80 550 lm



**Light Distribution**

