



Pursuit of perfection environmental purity.



Aeon Lighting Technology Inc.

16F.-8, No.2, Jianba Rd., Zhonghe Dist.,
New Taipei City 235, Taiwan

TEL : +886-2-8226-1289

E-mail : info@aeonlighting.com



Two Million US Dollars Product Liability Insurance
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ver 01 (LAMP LUMINOUS FLUX) Apr.



Aeon Lighting Technology Inc.



High Power LED Lighting Solutions

www.aeonlighting.com

2014 ver 01 (LAMP LUMINOUS FLUX)





ALTLED® Dimmable products are designed for special lighting purpose, such as restaurant, bar showcase, and motel room. Contrasting to traditional lighting, ALTLED® Dimmable products offer various colors and angles to choose from. With ALT's special dimmer design, you will experience a better dimming effect. Normally, you can use ALTLED® Dimmable products as general lighting; in special occasions, you can use ALTLED® Dimmable products to create a different atmosphere. ALTLED® Dimmable products will become your own lighting designer and create extra value and lighting effect for your environment.

Three Advantages for Dimmable Products :

- Special dimmable design: with ALT exclusive dimmer, you can enjoy better dimming effects.
- Fully supporting: support all range of projectors and global light bulb dimmable design and compatible with your requirement.
- Compatible with your original lighting system: including one dimmer to one lamp and one dimmer to multiple lamps.

Orion series
AR111 Dimmable



(Compatible with all dimmers)
P. 62

Asteria series
MR11 Dimmable - 01



(Compatible with all dimmers)
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MR11 Dimmable - 02



(Compatible with all dimmers)
P. 63

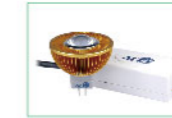
MR16 Dimmable



MR16 Dimmable Internal Transformer
(Compatible with all dimmers)
P. 64



(Compatible with all dimmers)
P. 64



MR16 Dimmable with ALT 8V Transformer
(Compatible with all dimmers)
P. 65



(ALT DIMMER ONLY)
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G19 Globe Dimmable



G19 Globe Dimmable Internal Transformer
(Compatible with all dimmers)
P. 67



(Compatible with all dimmers)
P. 67

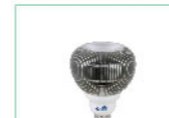


G19 Globe Dimmable with ALT 8V Transformer
(Compatible with all dimmers)
P. 68



(ALT DIMMER ONLY)
P. 69

BR30 Dimmable



(Compatible with all dimmers)
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BR40 Dimmable



(Compatible with all dimmers)
P. 71

PAR30 (IP68) Dimmable



(Compatible with all dimmers)
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PAR30 Dimmable



(Compatible with all dimmers)
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PAR38 (IP68) Dimmable



(Compatible with all dimmers)
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PAR38 Dimmable



(Compatible with all dimmers)
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Metis series
Spotlight Dimmable



(Compatible with all dimmers)
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Chandelier Light Dimmable



(Compatible with all dimmers)
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A19 Bulb Dimmable



A19 Bulb Dimmable internal Transformer
(Compatible with all dimmers)
P. 78

A19 Bulb Dimmable



(Compatible with all dimmers)
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A55 Bulb Dimmable

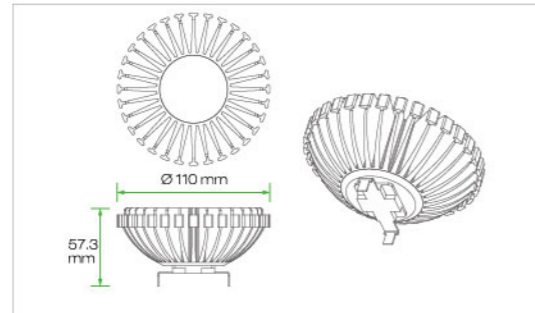


(Compatible with all dimmers)
P. 79



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



LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are Indicated in Max Values

Chipsets	CREE LEDs XT-E	CREE LEDs XP-G	CREE LEDs XP-E
Power Consumption	12 Watts	12 Watts	12 Watts
AR111 Beam Angle *50%	20° / 30° / 45° / 60°	24° / 30° / 50° / 60° / 90° / 135°	20° / 30° / 45° / 60° / 90° / 135°
True White	CRI 70	-	-
True White	CRI 80	950 lm	900 lm
Natural White	CRI 80	900 lm	700 lm
Warm White	CRI 80	780 lm	600 lm
Warm White CK: 2200K	CRI 80	700 lm	-

Chipsets	LIGHT BY LUXEON Rebel ES	LIGHT BY LUXEON Rebel
Power Consumption	12 Watts	12 Watts
AR111 Beam Angle *50%	24° / 30° / 50° / 60° / 90° / 135°	20° / 30° / 45° / 60° / 90° / 135°
True White	CRI 80	900 lm
Natural White	CRI 80	700 lm
Warm White	CRI 80	600 lm
Warm White	CRI 90	480 lm

Chipsets	EPISTAR
Power Consumption	12 Watts
AR111 Beam Angle *50%	45° / 60° / 90°
True White	CRI 98
Warm White	CRI 98



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.

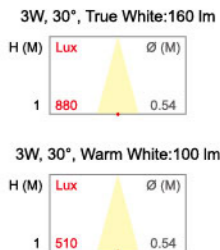
APPLICATIONS

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

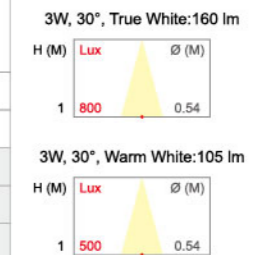
LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are Indicated in Max Values

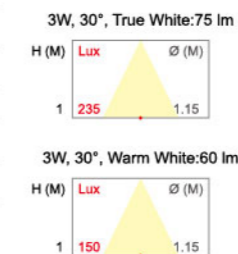
Chipsets	CREE LEDs XP-E	CREE LEDs XP-G	CREE LEDs XB-D	CREE LEDs XT-E
Power Consumption	3 Watts	3 Watts	3 Watts	3 Watts
Beam Angle *50%	20° 30° 45°	25° 38° 50°	38°	20° 30° 45°
True White	CRI 70	-	200 lm	220 lm
True White	CRI 80	160 lm	200 lm	-
Natural White	CRI 80	125 lm	160 lm	180 lm
Warm White	CRI 80	105 lm	140 lm	160 lm
Warm White CK: 2200K	CRI 80	-	-	140 lm



Chipsets	LIGHT BY LUXEON Rebel	LIGHT BY LUXEON Rebel ES
Power Consumption	3 Watts	3 Watts
Beam Angle *50%	20° 30° 45°	25° 38° 50°
True White	CRI 80	190 lm
Natural White	CRI 80	160 lm
Warm White	CRI 80	140 lm
Warm White	CRI 90	110 lm



Chipsets	EPISTAR
Power Consumption	3 Watts
Beam Angle *50%	30° 45°
True White	CRI 98
Warm White	CRI 98





Compatible with all dimmers
One Dimmer to Multiple Dimmable LEDs.



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

Base : B22D M01 Ø 50.5 mm (H) 62 mm M02 Ø 49.7 mm (H) 62 mm Weight : 48 g	Base : GU10 / GZ10 M01 Ø 50.5 (H) 56.9 mm M02 Ø 49.7 mm (H) 56.9 mm Weight : 40 g	Base : E26/24 (US) M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : E26/27 (EURO) M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : E11 M01 Ø 50.5 mm (H) 68.6 mm M02 Ø 49.7 mm (H) 68.6 mm Weight : 48 g
Base : E12 (US) M01 Ø 50.5 mm (H) 71 mm M02 Ø 49.7 mm (H) 71 mm Weight : 48 g	Base : E12 (EURO) M01 Ø 50.5 mm (H) 74 mm M02 Ø 49.7 mm (H) 74 mm Weight : 48 g	Base : E14 (US) M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	Base : E14 (EURO) M01 Ø 50.5 mm (H) 78 mm M02 Ø 49.7 mm (H) 78 mm Weight : 48 g	Base : E17 M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g
Base : BA15D 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.			



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

Base : B22D M01 Ø 50.5 mm (H) 62 mm M02 Ø 49.7 mm (H) 62 mm Weight : 48 g	Base : GU10 / GZ10 M01 Ø 50.5 (H) 56.9 mm M02 Ø 49.7 mm (H) 56.9 mm Weight : 40 g	Base : E26/24 (US) M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : E26/27 (EURO) M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : E11 M01 Ø 50.5 mm (H) 68.6 mm M02 Ø 49.7 mm (H) 68.6 mm Weight : 48 g
Base : E12 (US) M01 Ø 50.5 mm (H) 71 mm M02 Ø 49.7 mm (H) 71 mm Weight : 48 g	Base : E12 (EURO) M01 Ø 50.5 mm (H) 74 mm M02 Ø 49.7 mm (H) 74 mm Weight : 48 g	Base : E14 (US) M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	Base : E14 (EURO) M01 Ø 50.5 mm (H) 78 mm M02 Ø 49.7 mm (H) 78 mm Weight : 48 g	Base : E17 M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g
Base : BA15D 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.			

LAMP LUMINOUS FLUX

All Lamp 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



LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are indicated in max values

Chipsets	SEOUL		
Power Consumption	5 Watts		
Beam Angle	38°	60°	100°
True White	CRI 65	170 lm	
Warm White	CRI 80	125 lm	



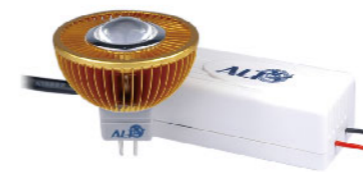
COLOR



Compatible with all dimmers
One Dimmer to Multiple Dimmable LEDs.



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)

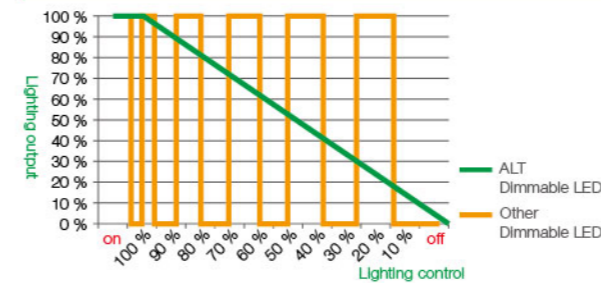


FEATURES

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	NO Flicker.	Frequent / Constant Flicker

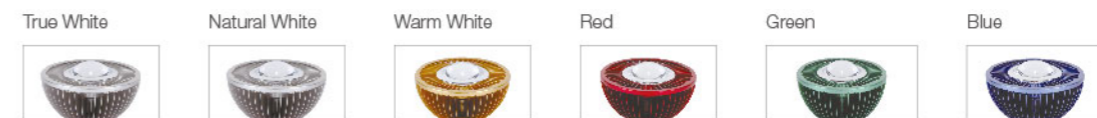
Smooth dimming function fades from 100% to 0% light output without flicker. High quality LED chips from the world's top 5 chip manufacturers guarantee optimal luminance efficacy.

SPECIFICATIONS

Base : GX5.3/GU5.3 M01 Ø 50.5 mm (H) 45.5 mm M02 Ø 49.7 mm (H) 45.5 mm Weight : 25 g	Base : B22D M01 Ø 50.5 mm (H) 62 mm M02 Ø 49.7 mm (H) 62 mm Weight : 48 g	Base : GU10 / GZ10 M01 Ø 50.5 (H) 56.9 mm M02 Ø 49.7 mm (H) 56.9 mm Weight : 40 g	Base : E26/24 (US) M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : E26/27 (EURO) M01 Ø 50.5 mm (H) 57.9 mm M02 Ø 49.7 mm (H) 57.9 mm Weight : 48 g	Base : E11 M01 Ø 50.5 mm (H) 68.6 mm M02 Ø 49.7 mm (H) 68.6 mm Weight : 48 g	Base : E12 (US) M01 Ø 50.5 mm (H) 71 mm M02 Ø 49.7 mm (H) 71 mm Weight : 48 g
Base : E12 (EURO) M01 Ø 50.5 mm (H) 74 mm M02 Ø 49.7 mm (H) 74 mm Weight : 48 g	Base : E14 (US) M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	Base : E14 (EURO) M01 Ø 50.5 mm (H) 78 mm M02 Ø 49.7 mm (H) 78 mm Weight : 48 g	Base : E17 M01 Ø 50.5 mm (H) 75 mm M02 Ø 49.7 mm (H) 75 mm Weight : 48 g	Base : E210 M01 Ø 50.5 mm (H) 60.8 mm M02 Ø 49.7 mm (H) 60.8 mm Weight : 38 g	Base : BA15S M01 Ø 50.5 mm (H) 73.6 mm M02 Ø 49.7 mm (H) 73.6 mm Weight : 48 g	Base : BA15D 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	Refer to page 17 to page 19 for details.
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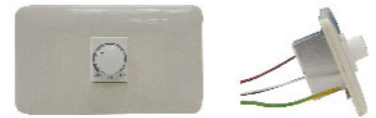
MR16 series



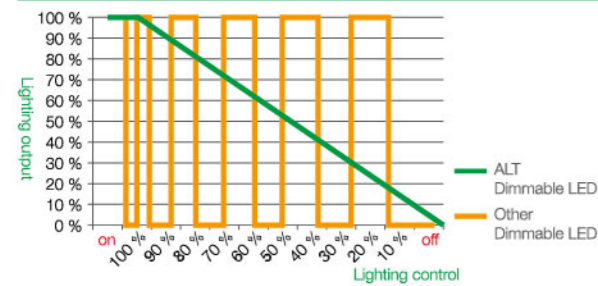
Working Voltage **100 - 240V AC**
Operating Temp **-20°C to +40°C**
Lifespan **30,000 hours**
Warranty **3 Years Limited**



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



COMPARISON WITH OTHER DIMMABLE LED PRODUCTS



	ALT	Others
Dimming function comparison	NO Flicker.	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.

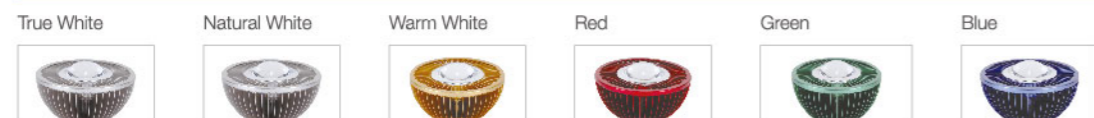
SPECIFICATIONS

<p>Base : GX5.3/GU5.3</p> <p>M01 Ø 50.5 mm (H) 45.5 mm</p> <p>M02 Ø 49.7 mm (H) 45.5 mm</p> <p>Weight : 25 g</p>	<p>Base : B22D</p> <p>M01 Ø 50.5 mm (H) 62 mm</p> <p>M02 Ø 49.7 mm (H) 62 mm</p> <p>Weight : 48 g</p>	<p>Base : GU10 / GZ10</p> <p>M01 Ø 50.5 mm (H) 56.9 mm</p> <p>M02 Ø 49.7 mm (H) 56.9 mm</p> <p>Weight : 40 g</p>	<p>Base : E26/24 (US)</p> <p>M01 Ø 50.5 mm (H) 57.9 mm</p> <p>M02 Ø 49.7 mm (H) 57.9 mm</p> <p>Weight : 48 g</p>	<p>Base : E26/27 (EURO)</p> <p>M01 Ø 50.5 mm (H) 57.9 mm</p> <p>M02 Ø 49.7 mm (H) 57.9 mm</p> <p>Weight : 48 g</p>	<p>Base : E11</p> <p>M01 Ø 50.5 mm (H) 68.6 mm</p> <p>M02 Ø 49.7 mm (H) 68.6 mm</p> <p>Weight : 48 g</p>	<p>Base : E12 (US)</p> <p>M01 Ø 50.5 mm (H) 71 mm</p> <p>M02 Ø 49.7 mm (H) 71 mm</p> <p>Weight : 48 g</p>
<p>Base : E12 (EURO)</p> <p>M01 Ø 50.5 mm (H) 74 mm</p> <p>M02 Ø 49.7 mm (H) 74 mm</p> <p>Weight : 48 g</p>	<p>Base : E14 (US)</p> <p>M01 Ø 50.5 mm (H) 75 mm</p> <p>M02 Ø 49.7 mm (H) 75 mm</p> <p>Weight : 48 g</p>	<p>Base : E14 (EURO)</p> <p>M01 Ø 50.5 mm (H) 78 mm</p> <p>M02 Ø 49.7 mm (H) 78 mm</p> <p>Weight : 48 g</p>	<p>Base : E17</p> <p>M01 Ø 50.5 mm (H) 75 mm</p> <p>M02 Ø 49.7 mm (H) 75 mm</p> <p>Weight : 48 g</p>	<p>Base : EZ10</p> <p>M01 Ø 50.5 mm (H) 60.8 mm</p> <p>M02 Ø 49.7 mm (H) 60.8 mm</p> <p>Weight : 38 g</p>	<p>Base : BA15S</p> <p>M01 Ø 50.5 mm (H) 73.6 mm</p> <p>M02 Ø 49.7 mm (H) 73.6 mm</p> <p>Weight : 48 g</p>	<p>Base : BA15D</p> <p>M01 Ø 50.5 mm (H) 73.6 mm</p> <p>M02 Ø 49.7 mm (H) 73.6 mm</p> <p>Weight : 48 g</p>

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



LAMP LUMINOUS FLUX

All Lamp 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.



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

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



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

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

LAMP LUMINOUS FLUX

All Lamp 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.

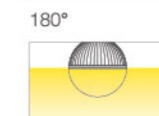
FEATURES

- 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



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**

LAMP LUMINOUS FLUX

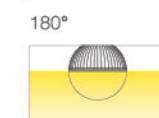
All Lamp Luminous Flux Data are indicated in max values

Chipsets	SEOUL	
Power Consumption	5 Watts	
True White	CRI 65	170 lm
Warm White	CRI 80	125 lm

COLOR



BEAM ANGLE





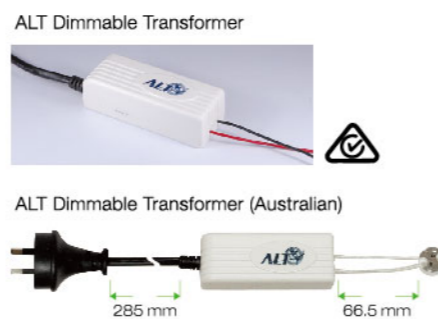
Compatible with all dimmers
One Dimmer to Multiple Dimmable LEDs.



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**

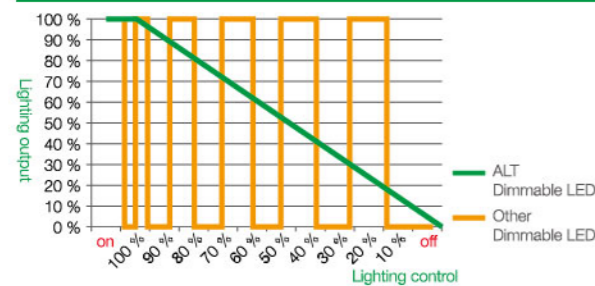


FEATURES

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



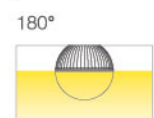
	ALT	Others
Dimming function comparison	NO Flicker.	Frequent / Constant Flicker

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.

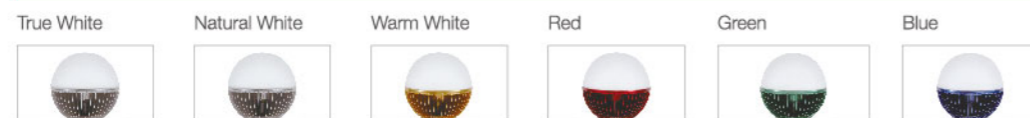
SPECIFICATIONS

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

BEAM ANGLE



COLOR



LAMP LUMINOUS FLUX

All Lamp 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

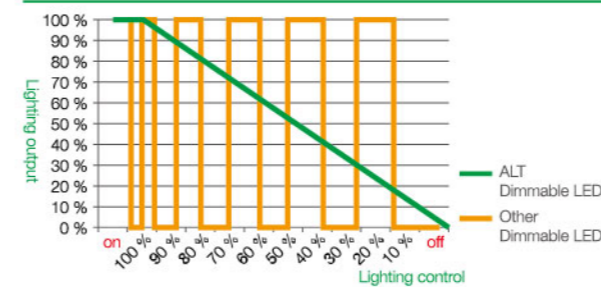


Working Voltage **100 - 240V AC**
Operating Temp **-20°C to +40°C**
Lifespan **30,000 hours**
Warranty **3 Years Limited**

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



COMPARISON WITH OTHER DIMMABLE LED PRODUCTS



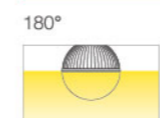
	ALT	Others
Dimming function comparison	NO Flicker.	Frequent / Constant Flicker

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.

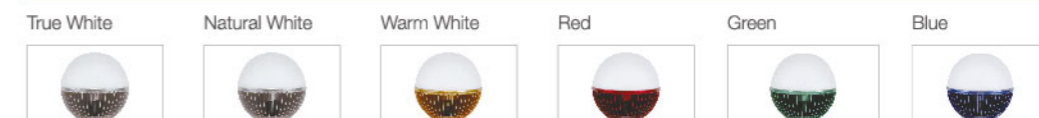
SPECIFICATIONS

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

BEAM ANGLE



COLOR



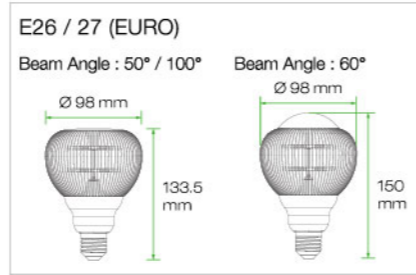
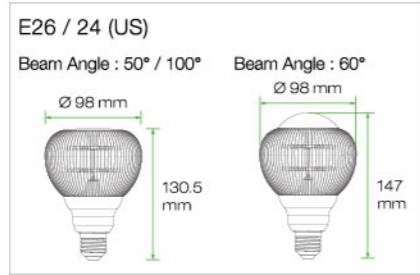
LAMP LUMINOUS FLUX

All Lamp 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 **40,000 hours**
Warranty **3 Year Limited**

LAMP LUMINOUS FLUX

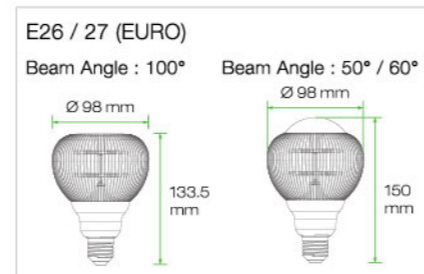
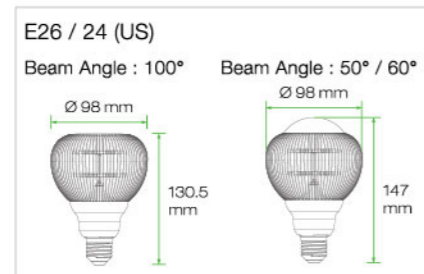
All Lamp Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XT-E	CREE LEDs XP-G	CREE LEDs XB-D	CREE LEDs XP-E
Power Consumption	15 Watts	15 Watts	15 Watts	15 Watts
Beam Angle *50%	60° 100°	60° 100°	60° 100°	60° 100°
True White	CRI 70: 1250 lm CRI 80: -	- 1150 lm	1150 lm -	- 950 lm
Natural White	CRI 80: 1050 lm	950 lm	950 lm	800 lm
Warm White	CRI 80: 900 lm	825 lm	825 lm	700 lm
Warm White CK: 2200K	CRI 80: 800 lm	-	-	-

Chipsets	LIGHT BY LUXEON Rebel
Power Consumption	15 Watts
Beam Angle *50%	60° 100°
True White	CRI 80: 950 lm
Natural White	CRI 80: 800 lm
Warm White	CRI 80: 700 lm CRI 90: 560 lm

Chipsets	EPISTAR
Power Consumption	15 Watts
Beam Angle *50%	60° 100°
True White	CRI 98: 620 lm
Warm White	CRI 98: 470 lm

BR30



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

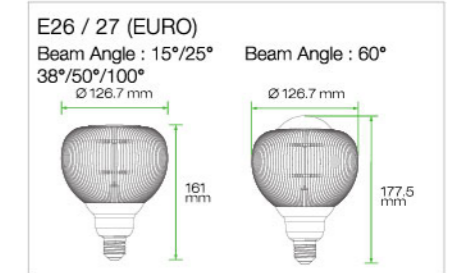
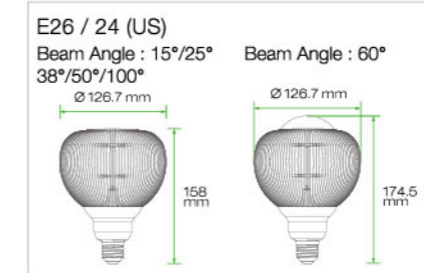
LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are indicated in max values

Chipsets	EPISTAR
Power Consumption	10 Watts
Beam Angle *50%	50° 60° 100°
True White	CRI 70: 320 lm
Natural White	CRI 70: 290 lm
Warm White	CRI 70: 220 lm



BR40



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

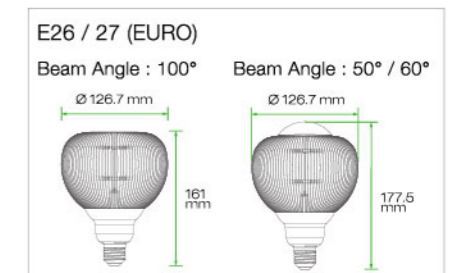
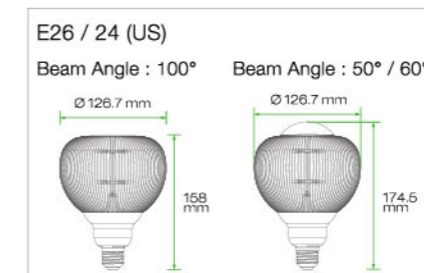
LAMP LUMINOUS FLUX

All Lamp 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 *50%	60° 100°	60° 100°	60° 100°
True White	CRI 70: 1550 lm CRI 80: -	2750 lm -	- 1450 lm
Natural White	CRI 80: 1300 lm	2480 lm	1200 lm
Warm White	CRI 80: 1125 lm CRI 90: -	1880 lm -	1050 lm 840 lm
Warm White CK: 2200K	CRI 80: 1000 lm	1700 lm	-

Chipsets	CREE LEDs XM-L	BRIDGELUX
Power Consumption	30 Watts	30 Watts
Beam Angle *50%	60° 100°	50° 60° 100°
True White	CRI 65: 2750 lm	2100 lm
Natural White	CRI 75: 2480 lm CRI 80: -	- 2000 lm
Warm White	CRI 80: 1880 lm CRI 82: -	- 1370 lm

BR40



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

LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are indicated in max values

Chipsets	EPISTAR
Power Consumption	20 Watts
Beam Angle *50%	50° 60° 100°
True White	CRI 70: 445 lm
Natural White	CRI 70: 400 lm
Warm White	CRI 70: 310 lm



Compatible with all dimmers
One Dimmer to Multiple Dimmable LEDs.

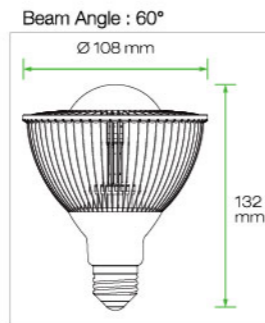


PAR30 (IP68) - P03

IP68 CE FC RoHS LVD Testing REACH Laser Testing

E26 / 24 (US)

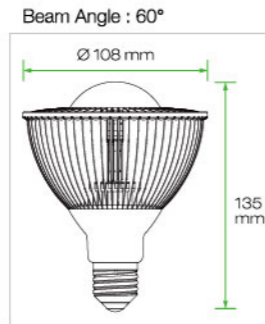
Beam Angle : 15°/20°/25°/30°
38°/40°/45°/50°/100°



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 : 15°/20°/25°/30°
38°/40°/45°/50°/100°



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 RoHS LVD Testing REACH Laser Testing

E26 / 24 (US)

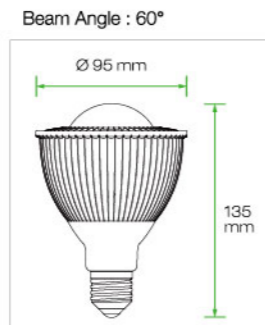
Beam Angle : 15°/20°/25°/30°
38°/40°/45°/50°/100°



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 : 15°/20°/25°/30°
38°/40°/45°/50°/100°



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.

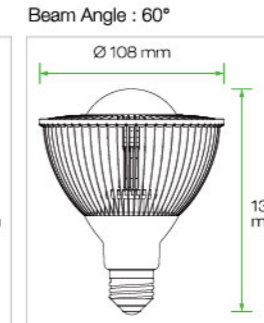


PAR30 - P01

CE FC RoHS LVD Testing REACH Laser Testing

E26 / 24 (US)

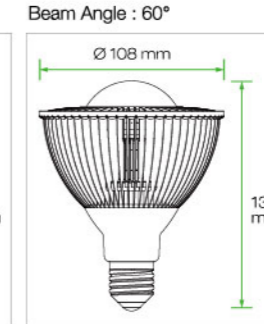
Beam Angle : 15°/20°/25°/40°/100°



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 : 15°/20°/25°/40°/100°



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 / 24 (US)



Beam Angle :
20°/50°/100°



Beam Angle : 60°



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 :
20°/50°/100°



Beam Angle : 60°



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**

LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XT-E		
Power Consumption	30 Watts		
Beam Angle *50%	60°	100°	
True White	CRI 70	2550 lm	
Natural White	CRI 80	2250 lm	
Warm White	CRI 80	1680 lm	
Warm White CK: 2200K	CRI 80	1450 lm	

Chipsets	CREE LEDs XM-L			
Power Consumption	30 Watts			
Beam Angle *50%	20°	38°	60°	100°
True White	CRI 65	2550 lm		
Natural White	CRI 75	2250 lm		
Warm White	CRI 80	1680 lm		

Chipsets	BRIDGELUX		
Power Consumption	30 Watts		
Beam Angle *50%	50°	100°	
True White	CRI 65	1950 lm	
Natural White	CRI 80	1800 lm	
Warm White	CRI 82	1250 lm	



E26 / 24 (US)



Beam Angle :
50°/100°



Beam Angle : 60°



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 :
50°/100°



Beam Angle : 60°



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**

LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs XT-E		
Power Consumption	30 Watts		
Beam Angle *50%	60°	100°	
True White	CRI 70	2750 lm	
Natural White	CRI 80	2480 lm	
Warm White	CRI 80	1880 lm	
Warm White CK: 2200K	CRI 80	1700 lm	

Chipsets	CREE LEDs XM-L			
Power Consumption	30 Watts			
Beam Angle *50%	60°	100°		
True White	CRI 65	2750 lm		
Natural White	CRI 75	2480 lm		
Warm White	CRI 80	1880 lm		

Chipsets	BRIDGELUX		
Power Consumption	30 Watts		
Beam Angle *50%	50°	60°	100°
True White	CRI 65	2100 lm	
Natural White	CRI 80	2000 lm	
Warm White	CRI 82	1370 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

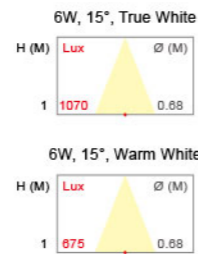
Base : E11		Base : E12 (US)		Base : E12 (EURO)		Base : E14 (US)		Base : E14 (EURO)	
Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black	Type:Silver	Type:Black
Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm	Ø50 mm	Ø49.6 mm
77 mm	71 mm	79 mm	79 mm	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	78.65 mm	73.65 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

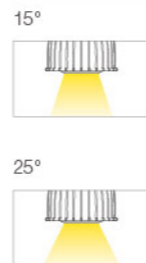
LAMP LUMINOUS FLUX

All Lamp 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%	25°	15°
True White	CRI 80: 380 lm	CRI 80: 320 lm
Natural White	CRI 80: 360 lm	CRI 80: 280 lm
Warm White	CRI 80: 260 lm	CRI 80: 220 lm
	CRI 90: 220 lm	-
Red	-	120 lm
Green	-	280 lm
Blue	-	60 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

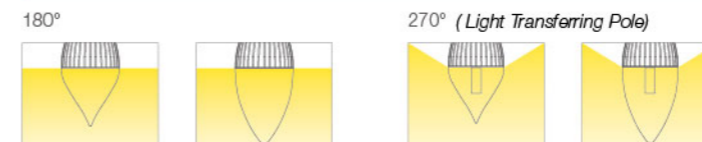
Base : E12 (US)		Base : E12 (EURO)		Base : E14 (US)		Base : E14 (EURO)		Base : E17	
Ø 37.5x104 mm	Ø 37.5x115.5 mm	Ø 37.5x107 mm	Ø 37.5x118.5 mm	Ø 37.5x108.3 mm	Ø 37.5x119.8 mm	Ø 37.5x113.6 mm	Ø 37.5x125.1 mm	Ø 37.5x106.5 mm	Ø 37.5x118 mm
90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g	90 g

LAMP LUMINOUS FLUX

All Lamp 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	-	-	-	220 lm	True White	CRI 70: 240 lm	
	CRI 80	220 lm	170 lm	220 lm	180 lm	Natural White	CRI 80: 210 lm	
Natural White	CRI 80	190 lm	160 lm	190 lm	160 lm	190 lm	Warm White	CRI 80: 185 lm
	CRI 90	120 lm	-	-	-	-	Warm White CK: 2200K	CRI 80: 160 lm
Red	-	65 lm	-	65 lm	-			
Green	-	155 lm	-	145 lm	-			
Blue	-	50 lm	-	45 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**

Specifications

Base : B22D	Base : E26 / 24 (US)	Base : E26 / 27 (EURO)	Base : E11	Base : E12 (US)
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 : E12 (EURO)	Base : E14 (US)	Base : E14 (EURO)	Base : E17	
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	

LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are Indicated in Max Values

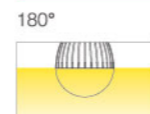
Power Consumption	7 Watts
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Refer to page 40 to page 41 for details.

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



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**

SPECIFICATIONS

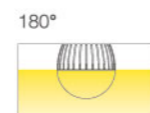
Base : B22D	Base : E26 / 24 (US)	Base : E26 / 27 (EURO)	Base : E11	Base : E12 (US)
Ø 49.8x104 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g	Ø 49.8x108 mm Weight : 90 g	Ø 49.8x99 mm Weight : 90 g	Ø 49.8x105 mm Weight : 90 g
Base : E12 (EURO)	Base : E14 (US)	Base : E14 (EURO)	Base : E17	
Ø 49.8x105 mm Weight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

LAMP LUMINOUS FLUX

All Lamp 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



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**

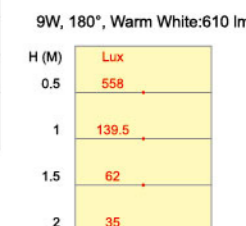
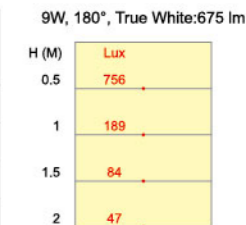
SPECIFICATIONS

Base : B22D	Base : E17	Base : E26 / 24 (US)	Base : E26 / 27 (EURO)
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

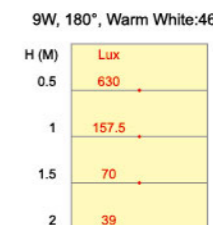
LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are Indicated in Max Values

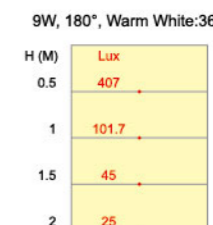
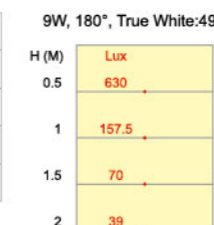
Chipsets	CREE LEDs XP-E HEW	CREE LEDs XP-G	CREE LEDs MT-G	CREE LEDs XM-L	CREE LEDs XB-D	CREE LEDs XT-E
Power Consumption	9 Watts	9 Watts	9 Watts	9 Watts	9 Watts	9 Watts
Light Distribution	180° / 360° (Omnidirectional)				180°	180°
True White	CRI 70	-	-	-	630 lm	675 lm
	CRI 75	-	-	650 lm	500 lm	-
	CRI 80	585 lm	630 lm	-	-	-
Natural White CRI 80	520 lm	540 lm	610 lm	420 lm	540 lm	630 lm
Warm White CRI 80	450 lm	485 lm	590 lm	390 lm	485 lm	610 lm
Warm White CK: 2200K CRI 80	-	-	-	-	-	520 lm



Chipsets	LUXEON Rebel ES	LUXEON Rebel
Power Consumption	9 Watts	9 Watts
Light Distribution	180° / 360° (Omnidirectional)	
True White CRI 80	630 lm	495 lm
Natural White CRI 80	585 lm	430 lm
Warm White CRI 80	465 lm	360 lm
	380 lm	290 lm



Chipsets	EPISTAR
Power Consumption	9 Watts
Light Distribution	180° / 360° (Omnidirectional)
True White CRI 70	490 lm
Warm White CRI 80	360 lm



Light Distribution

