

A55 Bulb



ALTLED® **Metis** Series

Specification Sheet

Product Introduction

Succeed from ALT original design concept , Metis A55 series has the biggest heat-dissipation area among other similar products with pure aluminum heat fins. High efficient thermal conduct and heat dissipation will definitely increase product life span. Sketching from traditional A55 light bulb, Metis A55 series is able to replace original 60~80W incandescent lamp directly without alternation of original light fixture. It would save lots cost for users, and use for indoor lighting widely.

Certificates



Features

- ✓ 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.

Application

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



Specifications

Item	Specification	Details
Output	Light Distribution	180° - Frosted Lens 360° - Clear Lens
	Colour Range	TW / NW / WW
	Lumen Maintenance	40,000+ hours
Electrical	Input Voltage	100 ~ 240V AC
	Power Factor	0.85 ~ 0.9
	Power Consumption	9 Watts
Physical	Bases	<ul style="list-style-type: none"> · E26 / 24 (US) · E26 / 27 (EURO) · E17 · B22D
	Weight	90 ~ 100 g
	Lens	PC
	Operating Temperature	-4° F to 104° F (-20°C to 40°C)
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certification	CE, FCC, RoHS, Laser testing, REACH
	Environment	Not for use in totally enclosed fixtures Suitable for damp location
	Warranty	3 years
Two Million Worldwide Product Liability Insurance.		

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

LUXEON LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4500K	6500K	10000K
Natural White	3500K	4100K	4500K
Warm White	2540K	3100K	3500K

EPISTAR LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4750K	5000K	10000K
Warm White	2600K	3000K	3250K

CREE LED chips

Correlated Colour Temperature	Typ.		
True White	4500K	6500K	10000K
Natural White	3500K	4100K	4500K
Warm White	2150K	3100K	3500K

Lamp Luminous Flux

Chipsets		CREE MT-G
Power Consumption		9 W
Light Distribution		180° / 360° (Omni direction)
True White	CRI 80	CRI 75 650 lm
Natural White	CRI 80	610 lm
Warm White	CRI 80	590 lm

Chipsets		LUXEON Rebel ES
Power Consumption		9 W
Light Distribution		180° / 360° (Omni direction)
True White	CRI 80	630 lm
Natural White	CRI 80	585 lm
Warm White	CRI 80	465 lm
	CRI 90	380lm

Chipsets		EPISTAR	CREE XM-L
Power Consumption		9 W	
Light Distribution		180° / 360° (Omni direction)	
True White	CRI 70	490 lm	CRI 75 500 lm
Natural White	CRI 80	-	420 lm
Warm White	CRI 80	360lm	390 lm

Chipsets		CREE XB-D	CREE XT-E
Power Consumption		9 W	9 W
Light Distribution		180°	
True White	CRI 70	630 lm	675 lm
Natural White	CRI 80	540 lm	630 lm
Warm White	CRI 80	485 lm	610 lm
	CRI 90	-	520 lm (2200K) 490 lm

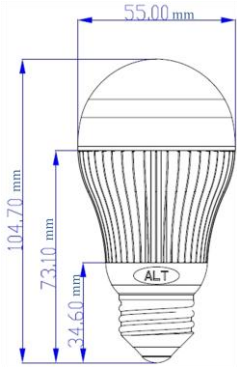
※All Lamp Luminous Flux Data are indicated in max values.

Illuminance at Distance

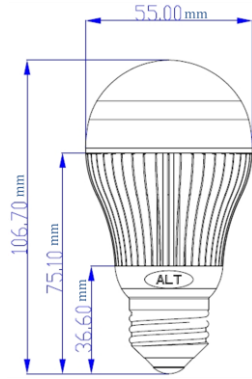


Mechanical Dimensions

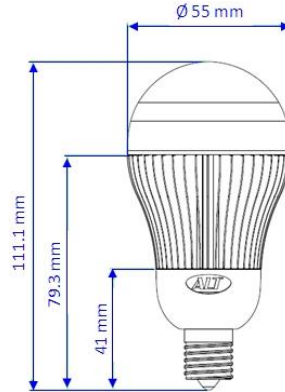
Design E26/24 (US)



Design E26 / 27 (EURO)



Design E17



Design B22D

