

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	· 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	Certifications	CE, FCC, RoHS, Laser Testing, REACH, LVD	
	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	Min.	Typ.	Max.
True White	4500K	6500K	10000K
Natural White	3500K	4100K	4500K
Warm White	2150K	3100K	3500K

Chipset Luminous Flux

Chipsets	CREE MT-G	
Power Consumption	9 W	
Light Distribution	180° / 360° (Omni direction)	
True White	CRI 75	1080 lm
Natural White	CRI 80	870 lm
Warm White	CRI 80	720 lm

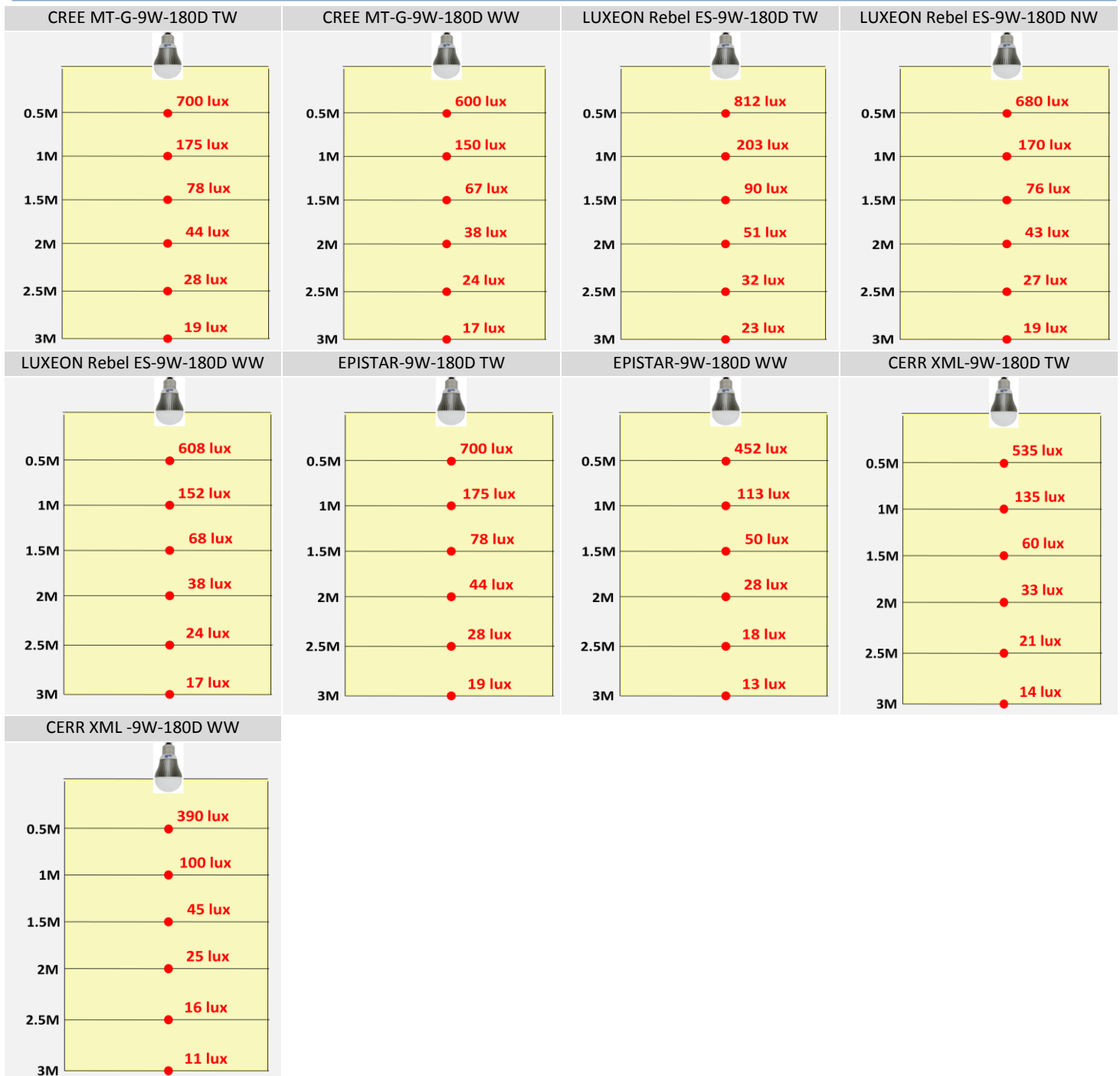
Chipsets	LUXEON Rebel ES	
Power Consumption	9 W	
Light Distribution	180° / 360° (Omni direction)	
True White	CRI 80	980 lm
Natural White	CRI 80	820 lm
Warm White	CRI 80	650 lm
	CRI 90	520lm

Chipsets	EPISTAR	CREE XM-L
Power Consumption	9W	
Light Distribution	180° / 360° (Omni direction)	
True White	CRI 70	780 lm
Natural White	CRI 80	-
Warm White	CRI 80	550 lm
		CRI75 800 lm
		700 lm
		580 lm

Chipsets	CREE XB-D	CREE XT-E
Power Consumption	9 W	
Light Distribution	180°	
True White	CRI 70	1000 lm
Natural White	CRI 80	850 lm
Warm White	CRI 80	650 lm
	CRI 90	-
		1120 lm
		900 lm
		770 lm
		680 lm (2200K)
		620 lm

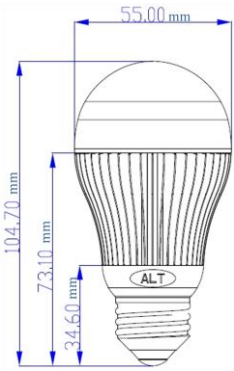
※All Chipset Luminous Flux Data are indicated in max values.

Illuminance at Distance

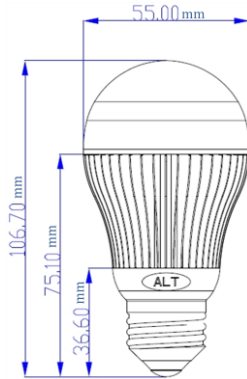


Mechanical Dimensions

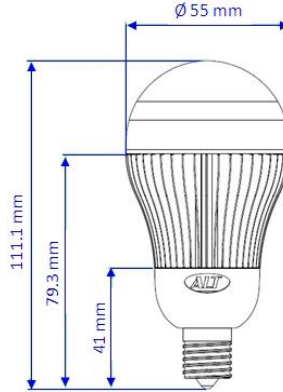
Design E26/24 (US)



Design E26 / 27 (EURO)



Design E17



Design B22D

