

V5 A19 Bulb



ALTLED® **Metis** Series

Specification Sheet

Product Introduction

Mother of Athena is regarded in the Greek Mythology as the goddess of arts and wisdom, METIS is also one of the largest asteroids in the galaxy. With a refinement of art and efficiency, ALT's METIS series is the perfect choice for those who are concerned about style and sophistication. Designed specifically for retail applications, ALT Metis series is ideal to better the world with its distinctive features. ALT Metis products are engineered and designed in such an aesthetic way, featuring with an unique physical design, and creating a blaze of the light within the beam. Moreover, like our Spotlight, A19 bulb and Chandeliers, ALT Metis can attain some particular lighting applications. The elegant of Metis is perfectly expressed via its well-designed shape.

Certificates



Features

- ✓ Fits various environments with a 180 degree beam angle.
- ✓ 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	Beam Angle	180°	
	Colour Range	TW / NW / WW	
	Lumen Maintenance	30,000 hours	
Electrical	Input Voltage	100 ~ 240V AC	
	Power Consumption	7 Watts	
Physical	Bases	· E26 / 24 (US)	
		· E26 / 27 (EURO)	
		· E11	
		· E12	
		· E14	
		· E17	
Physical	Weight	3.17 oz. (90 g)	
	Lens	Optics PMMA	
	Operating Temperature	-4° F to 104° F (-20°C to 40°C)	
	Humidity	0 – 95%, non-condensing	
	Certification and Safety	Certifications	ETL, CE, FCC, C-Tick, RoHS, Laser Testing, LVD
		Environment	Not for use in totally enclosed fixtures Suitable for damp location
Warranty		3 years	
Two Million Worldwide Product Liability Insurance.			

Lamp Luminous Flux

Chipsets		CREE XP-G
Power Consumption		7W
Beam Angle		180°
True White	CRI 80	470 lm
Natural White	CRI 80	415 lm
Warm White	CRI 80	360 lm

Chipsets		CREE XB-D
Power Consumption		7W
Beam Angle		180°
True White	CRI 70	470 lm
Natural White	CRI 80	415 lm
Warm White	CRI 80	360 lm

Chipsets		LUXEON Rebel ES
Power Consumption		7W
Beam Angle		180°
True White	CRI 80	410 lm
Natural White	CRI 80	380 lm
Warm White	CRI 80	340 lm
	CRI 90	275 lm

Chipsets		OSRAM OSOLON SSL 150 LED
Power Consumption		7W
Beam Angle		180°
True White	CRI 70	410 lm
Natural White	CRI 82	350 lm
Warm White	CRI 82	300 lm
	CRI 95	275 lm

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

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

CREE LED Chips

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

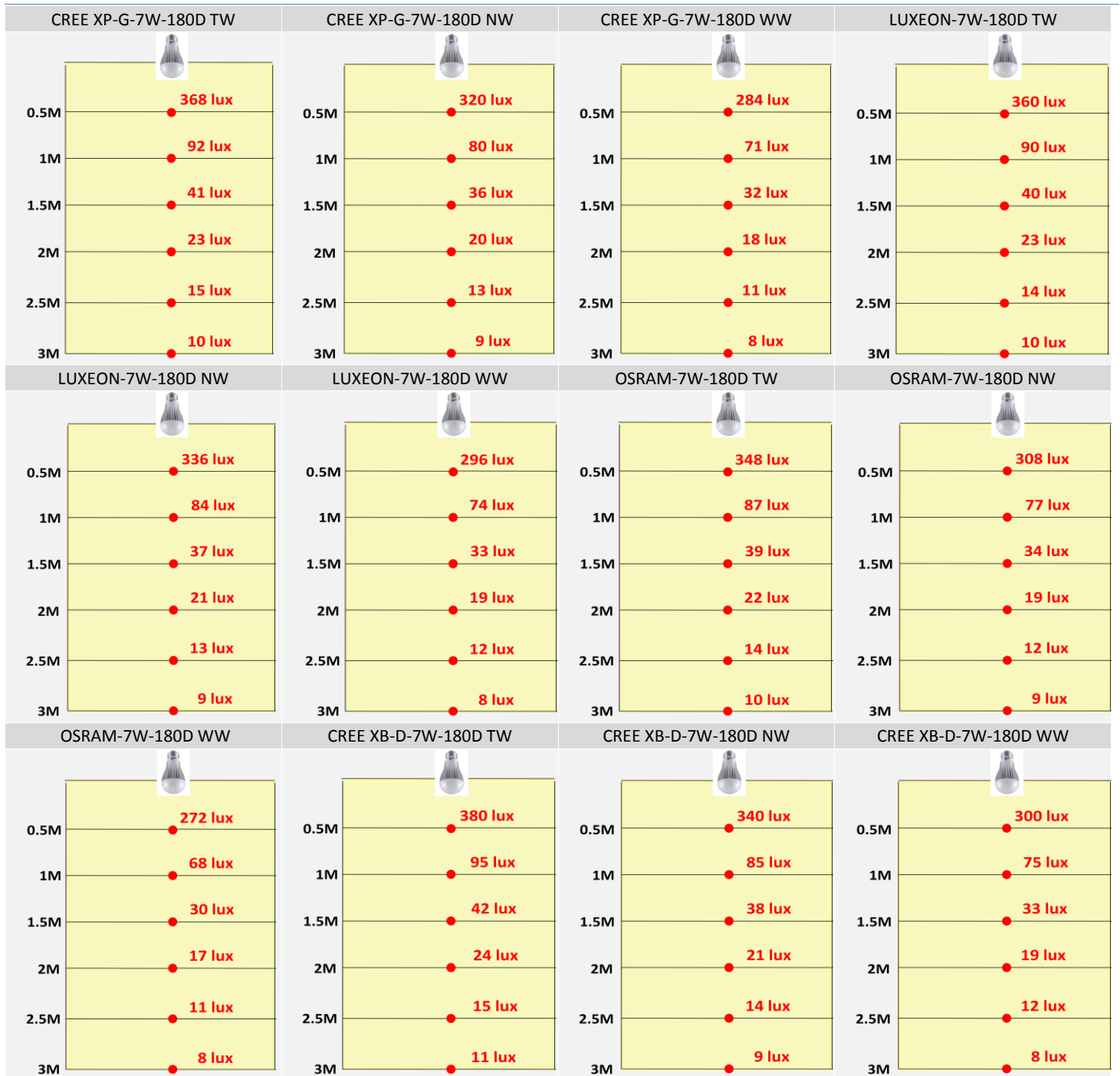
LUXEON LED Chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4500K	5650K	10000K
Natural White	3500K	4100K	4500K
Warm White	2540K	3100K	3500K

OSRAM LED Chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000	6000	7000
Natural White	3500	4000	5000
Warm White	2700	3000	3500

Illuminance at Distance



Mechanical Dimensions

Design E26/24 (US)



Ø49.8 x 105 mm
Design B22D

Design E26/27 (EURO)



Ø49.8 x 108 mm
Design E12 (US)

Design E11



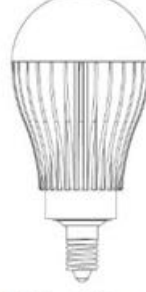
Ø49.8 x 99 mm
Design E12 (EURO)

Design E17



Ø49.8 x 105 mm

Design E14 (US)



Ø 50 x 105 mm

Design E14 (EURO)



Ø 50 x 112 mm



Ø 49.8 x 104 mm



Ø 49.8 x 101 mm



Ø 49.8 x 104 mm

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