

## V1 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 / R / G / B
	Lumen Maintenance	30,000+ hours
Electrical	Input Voltage	100 ~ 240V AC
	Power Consumption	5, 7 Watts
Physical	Bases	· E26 / 24 (US)
		· E26 / 27 (EURO)
		· E11
		· E12
		· E14
		· E17
		· B22D
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, RoHS, Laser Testing, LVD, C-Tick
	Environment	Not for use in totally enclosed fixtures Suitable for damp location
	Warranty	3 years
<b>Two Million Worldwide Product Liability Insurance.</b>		

## Chipset Luminous Flux

Chipsets	EPISTAR	
	5 W	7 W
Power Consumption	5 W	7 W
Beam Angle	180°	
True White ○	CRI 70 220 lm CRI 90 176 lm	CRI 70 250 lm CRI 90 200 lm
Natural White ●	CRI 70 220 lm CRI 90 176 lm	CRI 70 250 lm CRI 90 200 lm
Warm White ●	CRI 70 150 lm CRI 90 120 lm	CRI 70 170 lm CRI 90 136 lm
Red ●	120 lm	140 lm
Green ●	140 lm	170 lm
Blue ●	70 lm	80 lm

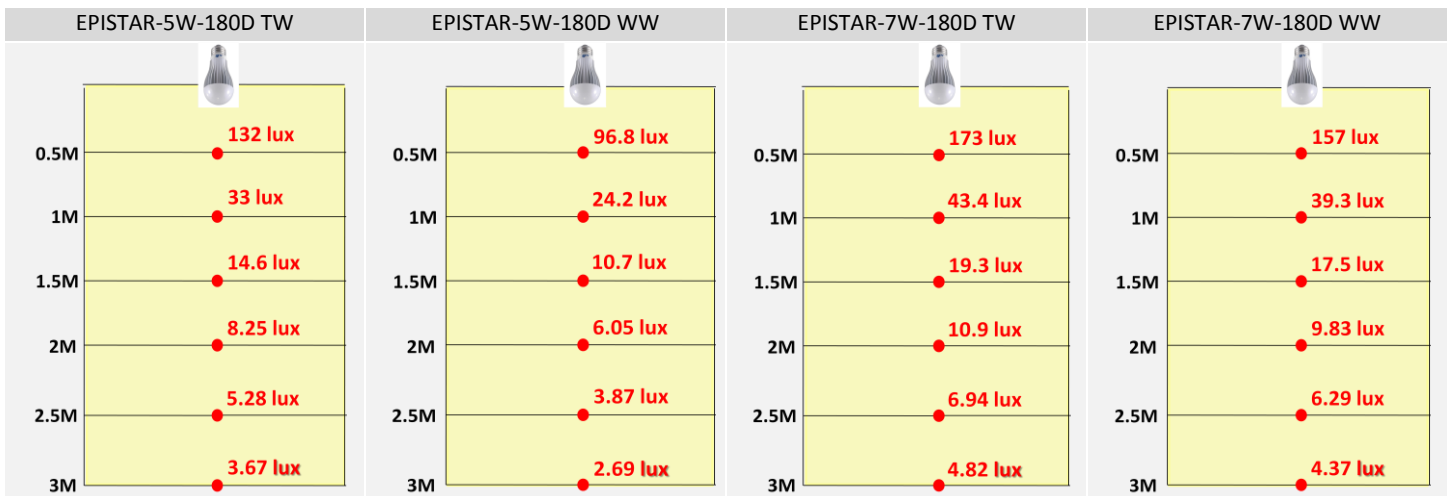
※All Chipset Luminous Flux Data are indicated in max values.

## Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4500K	6500K	8000K
Natural White	3250K	4000K	4750K
Warm White	2700K	3000K	3300K
Red	620nm	625nm	630nm
Green	520nm	525nm	530nm
Blue	465nm	470nm	475nm

## 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