

V3 MR16



ALTLED®
Asteria
Series
Specification Sheet

Product Introduction

ASTERIA is a minor planet that orbits the Sun, and also considered in the Greek Mythology as the Amazon that defeat the all mighty Heracles. ALT's ASTERIA can be presented as a strong, smart and efficient light bulb. ALT's Asteria MR16 series guarantees the outstanding efficiency and quality of High Power Products. All these make our MR16 products ideal for general business and decorative lighting purpose, including shop Lighting, Hotel lighting, and Commercial Applications. You can simply install it within the showcase of the boutique, and add up bonus for the display. Also, Asteria MR16 series can easily and smartly help you lessen energy consumption up to 90%, it will enhance your business profitability and help the environment to flourish. Asteria MR16 series certainly be the product to create a more beautiful and efficient world.

Certificates



Awards



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	Beam Angle	30°, 45°, 72°, 90°, 110°, 120°
	Colour Range	TW / NW / WW
	Lumen Maintenance	30,000+ hours
Electrical	Input Voltage	12V AC/DC or 100 ~ 240V AC
	Power Consumption	7 Watts
Physical	Bases	· GX 5.3 / GU 5.3
		· E26 / 24 (US)
		· E26 / 27 (EURO)
		· GU10 / GZ 10
		· EZ10
		· E11
		· E12
· E14		
· E17		
· B22D		
· BA15D		
· BA15S		
Weight	0.88 ~ 1.69 oz. (25 ~ 48 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	UL, CE, FCC, TÜV, C-Tick, LVD, RoHS, Laser Testing, KC Mark, REACH
	Environment	Not for use in totally enclosed fixtures Suitable for damp location
	Warranty	3 years
Two Million Worldwide Product Liability Insurance.		

Chipset Luminous Flux

Chipsets	CREE XM-L
Power Consumption	7 W
CRI	80
Beam Angle	30° / 45° / 72° / 90° / 110° / 120°
True White	○ 520 lm
Nature White	● 450 lm
Warm White	● 390 lm

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

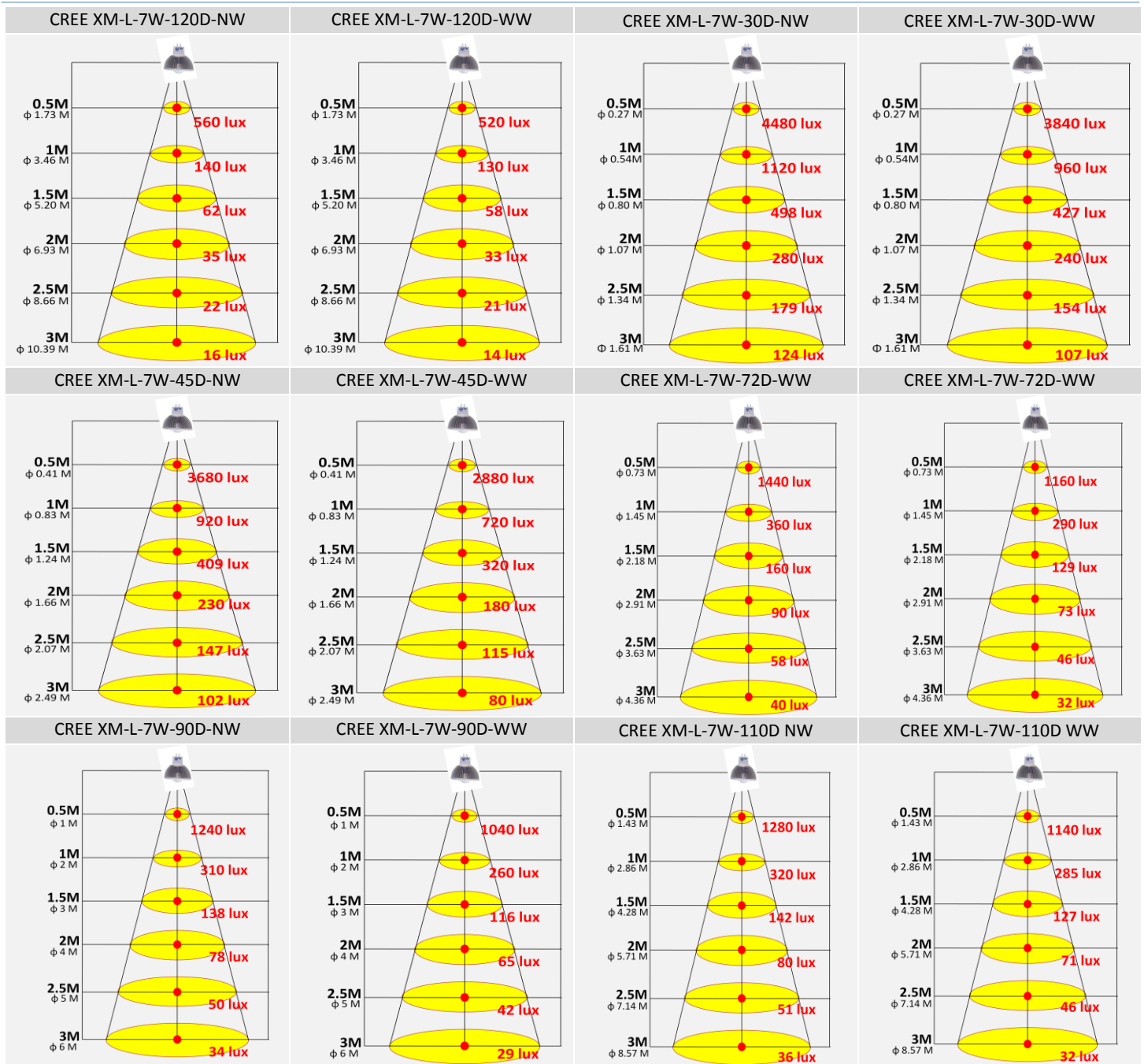
Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

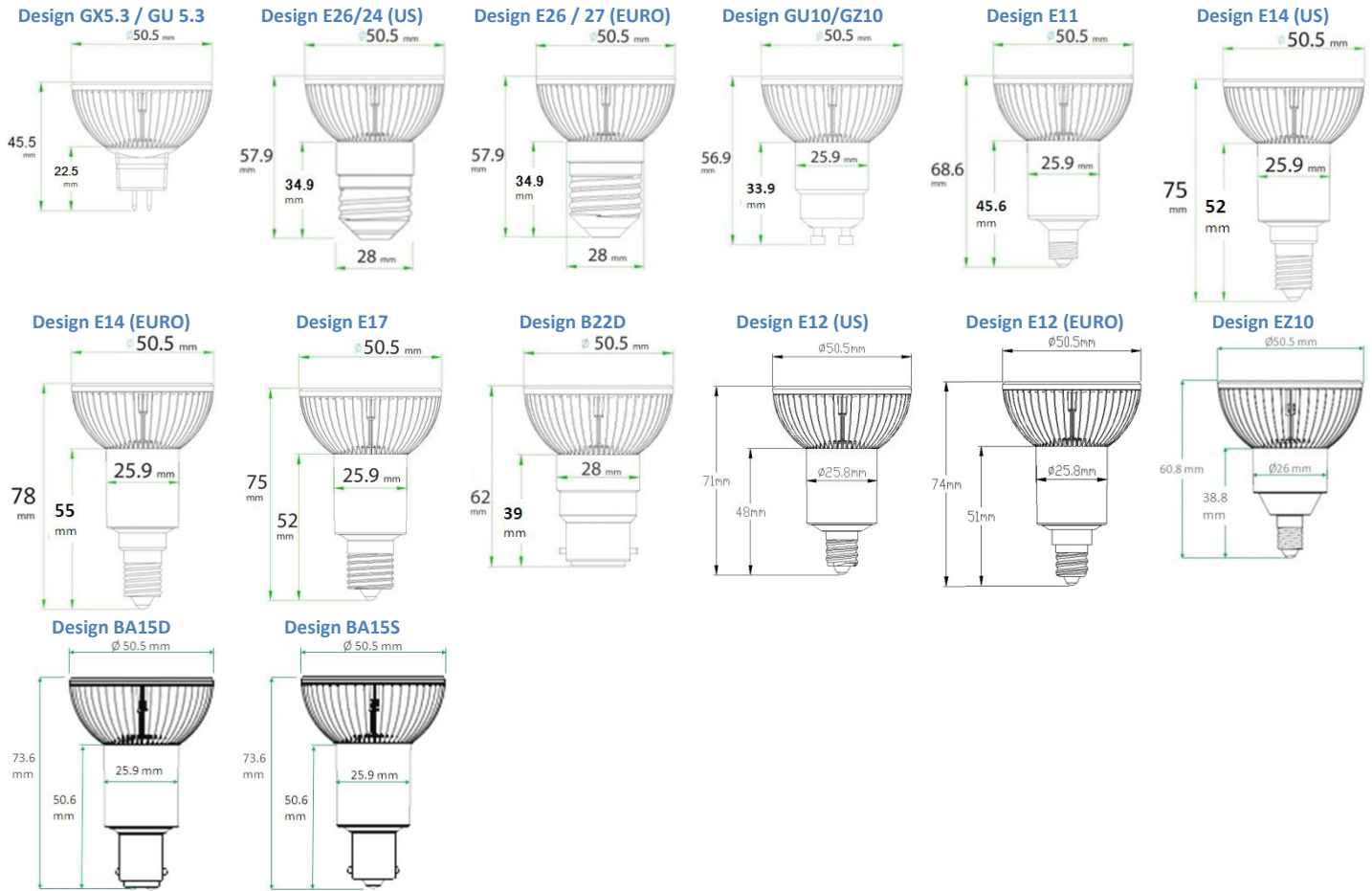
CREE LED chips

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

Illuminance at Distance



Mechanical Dimensions



M01 Fixture

$\varnothing 50.5$ mm

45.5 mm

The format of M01 is the most effective design of thermal conductivity within the MR16 series.

M02 Fixture

$\varnothing 49.7$ mm

45.5 mm

In compliance with ANSI standard, can be installed in any MR16 fixtures.