

V8 MR16 Dimmable



# ALTLED® **Asteria** Series

## Specification Sheet

### *Internal Transformer*

## 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



## 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	20°, 25°, 30°, 38°, 40°, 60°, 72°, 100°, 120°		
	Colour Range	TW / NW / WW		
	Lumen Maintenance	30,000+ hours		
Electrical	Input Voltage	110V AC or 220V AC		
	Power Consumption	7 Watts		
Physical	Bases	<ul style="list-style-type: none"> <li>· E26 / 24 (US)</li> <li>· E26 / 27 (EURO)</li> <li>· GU10 / GZ 10</li> <li>· EZ10</li> <li>· E11</li> <li>· E12</li> <li>· E14</li> <li>· E17</li> <li>· B22D</li> <li>· BA15D</li> <li>· BA15S</li> </ul>		
		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	RoHS , Laser Testing, PSE, UL, FCC, CE, C-tick, REACH
			Environment	Not for use in totally enclosed fixtures Suitable for damp location
			Warranty	3 years
				<b>Two Million Worldwide Product Liability Insurance.</b>

## Lamp Luminous Flux

Chipsets		OSRAM Square
Power Consumption		7W
Beam Angle	50%	20° / 30° / 60° / 100°
True White	CRI 70	650 lm
Natural White	CRI 70	650 lm
Warm White	CRI 80	550 lm
	CRI 92	440 lm(2400k)

Chipsets		Lumileds – Luxeon Tx
Power Consumption		7W
Beam Angle	50%	20° / 25° / 30° / 40° / 72°
True White	CRI 70	650 lm
Natural White	CRI 70	650 lm
Warm White	CRI 80	550 lm

Chipsets		CREE XP-L
Power Consumption		7W
Beam Angle	50%	72° / 120°
True White	CRI 65	750 lm
Natural White	CRI 70	700 lm
Warm White	CRI 80	620 lm

Chipsets		CREE MHD
Power Consumption		7W
Beam Angle	50%	38° / 60° / 72° / 120°
True White	CRI 70	620 lm
Natural White	CRI 70	620 lm
Warm White	CRI 80	545 lm

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

## Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

### OSRAM LED Chips

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

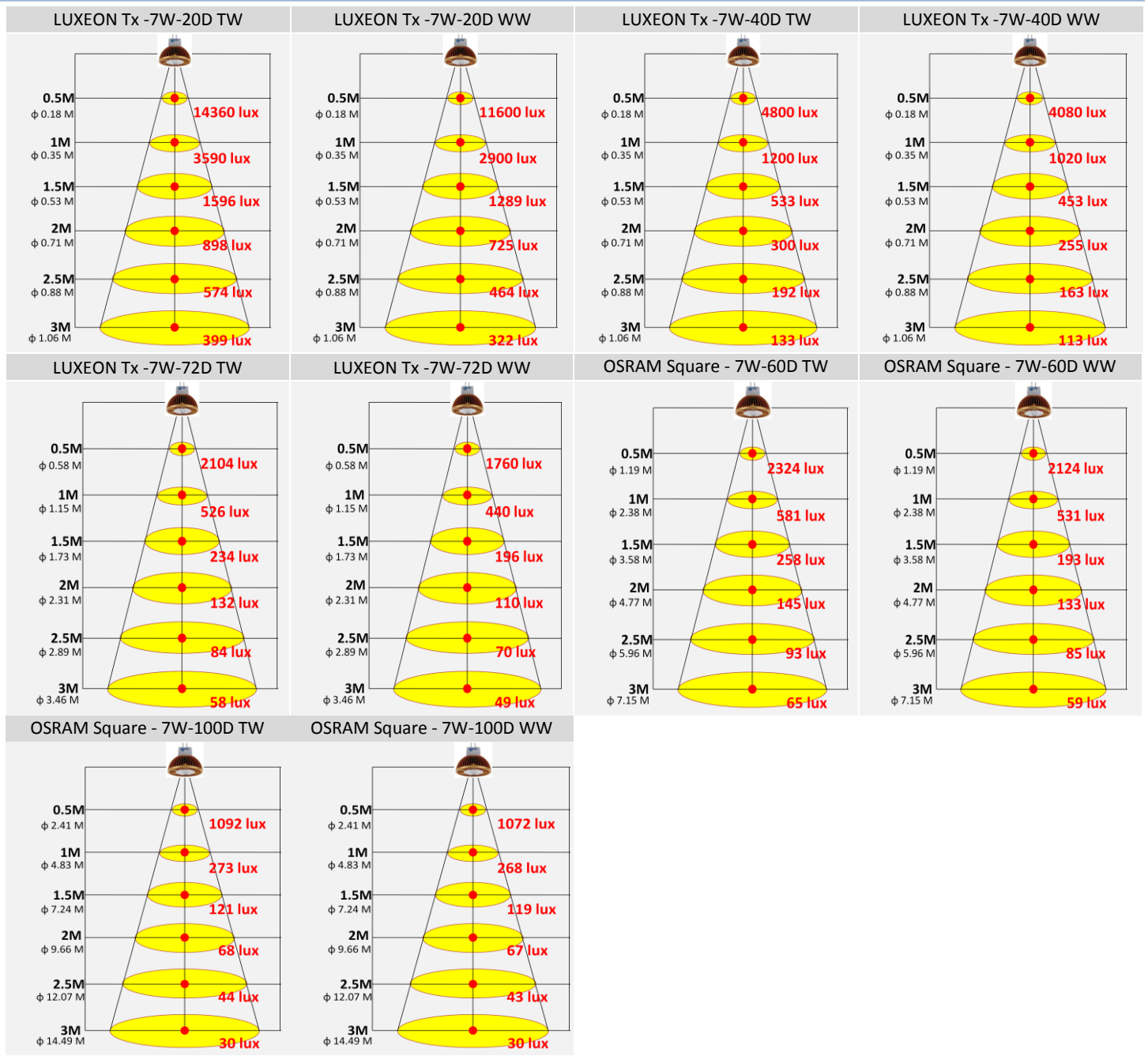
### LUXEON LED Chips

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

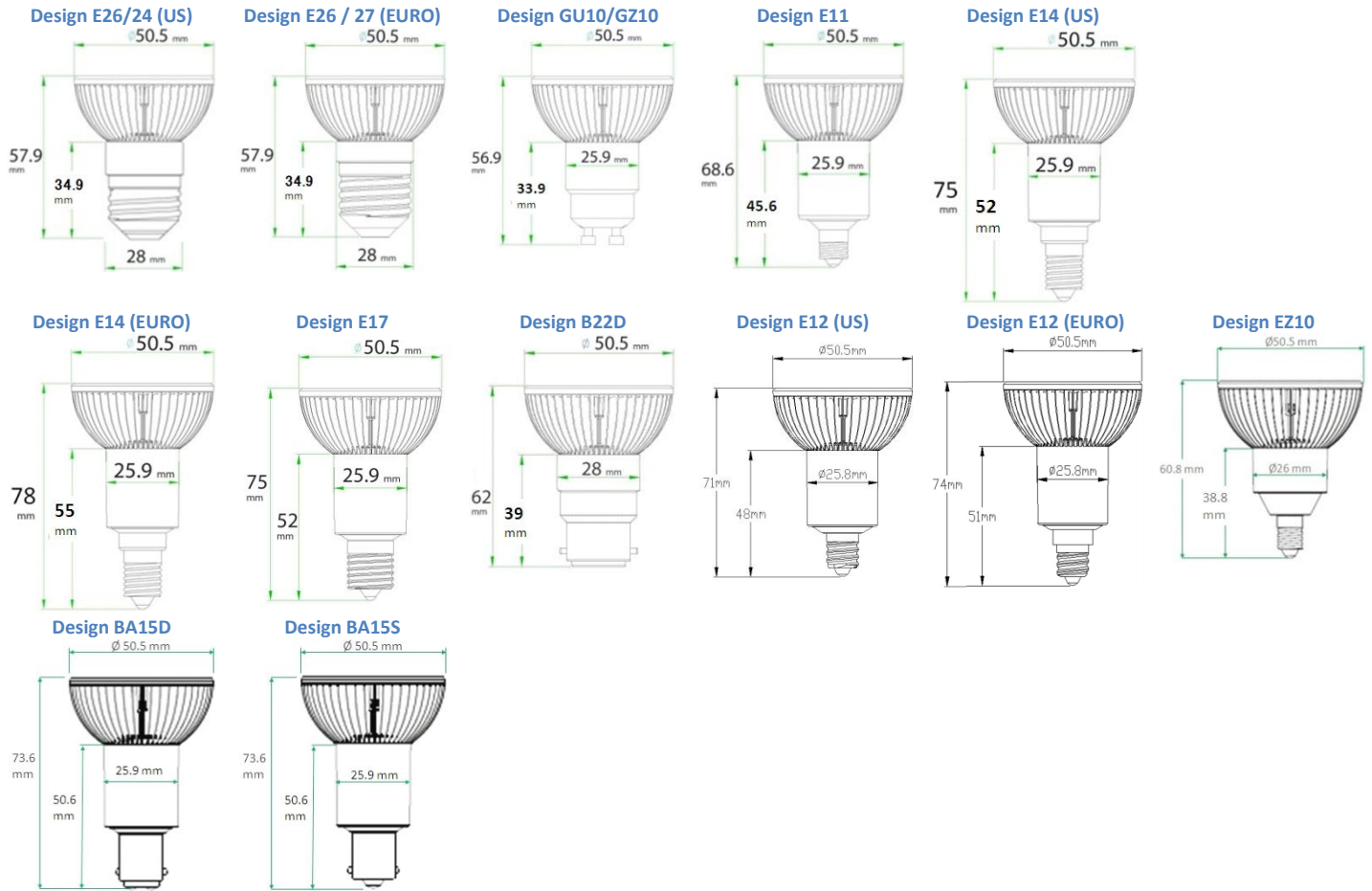
### CREE LED Chips

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

# Illuminance at Distance



# Mechanical Dimensions



## M01 Fixture



## M02 Fixture

