

V1 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	38°, 60°, 80°, 120°	
	Colour Range	TW / NW / WW / R / G / B	
	Lumen Maintenance	20.000+ hours	
Electrical	Input Voltage	12V DC/AC or 100 ~ 240V AC	
	Power Consumption	1, 3, 5, 7 Watt	
Physical	Bases	<ul style="list-style-type: none"> <li>· GX 5.3 / GU 5.3</li> <li>· E26 / 24 (US)</li> <li>· E26 / 27 (EURO)</li> <li>· GU10 / GZ 10</li> <li>· E11</li> <li>· E14</li> <li>· E17</li> <li>· B22D</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	UL, CE, FCC, TÜV, LVD, RoHs, Laser Testing,
		Environment	Not for use in totally enclosed fixtures Suitable for damp location
		Warranty	2 years
			<b>Two Million Worldwide Product Liability Insurance.</b>

## Chipset Luminaries

Chipsets	Epistar			
	1 W	3 W	5 W	7 W
Power Consumption				
Beam Angle	10% 38° / 60° / 80° / *120°			
True White	○ CRI 70 80 lm CRI 90 64 lm	CRI 70 160 lm CRI 90 128 lm	CRI 70 220 lm CRI 90 176 lm	CRI 70 250 lm CRI 90 200 lm
Natural White	● CRI 70 80 lm CRI 90 64 lm	CRI 70 160 lm CRI 90 128 lm	CRI 70 220 lm CRI 90 176 lm	CRI 70 250 lm CRI 90 200 lm
Warm White	● CRI 70 70 lm CRI 90 56 lm	CRI 70 130 lm CRI 90 104 lm	CRI 70 150 lm CRI 90 120 lm	CRI 70 170 lm CRI 90 136 lm
Red	● 28 lm	70 lm	120 lm	140 lm
Green	● 55 lm	80 lm	140 lm	170 lm
Blue	● 15 lm	24 lm	70 lm	80 lm

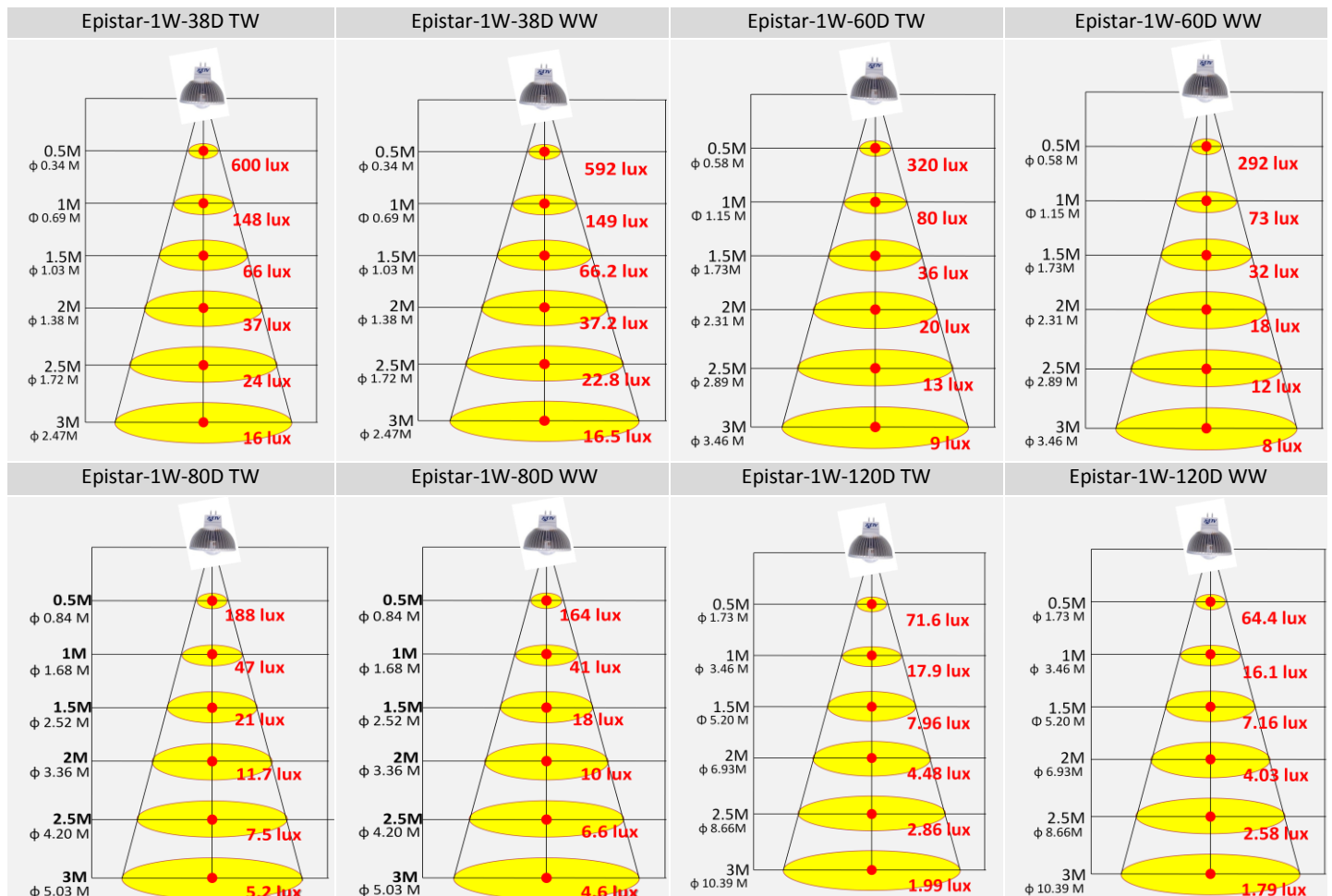
※All Chipset Luminaries Data are indicated in max values.

## Optical Characteristics

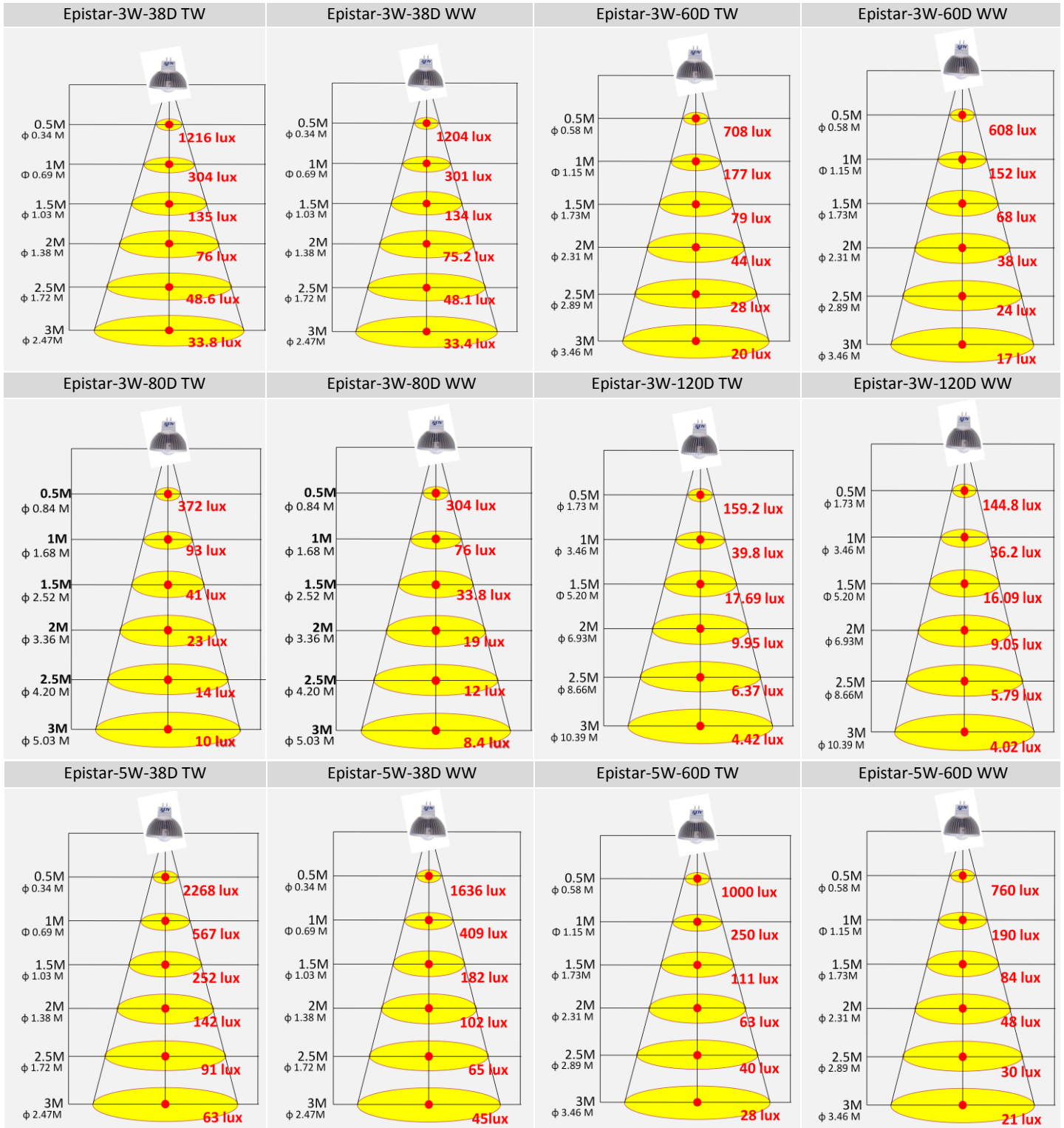
Dominant Wavelength (nm) or Colour Temperature (K)

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

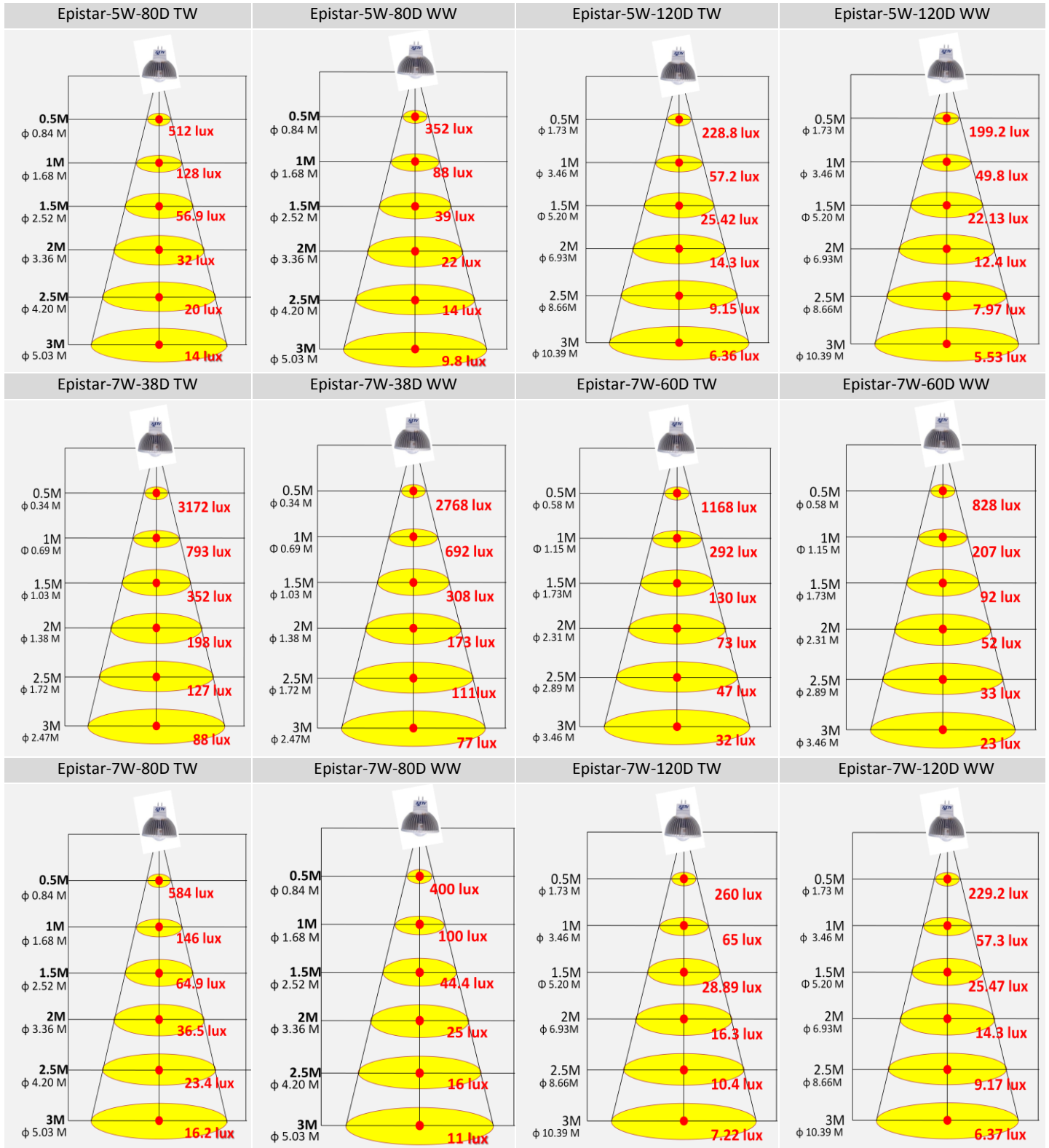
## Illuminance at Distance



# Illuminance at Distance



# Illuminance at Distance



# Mechanical Dimensions

Design GX5.3 / GU 5.3



Design E26/24 (US)



Design E26 / 27 (EURO)



Design GU10/GZ10



Design E11



Design E14 (US)



Design E14 (EURO)



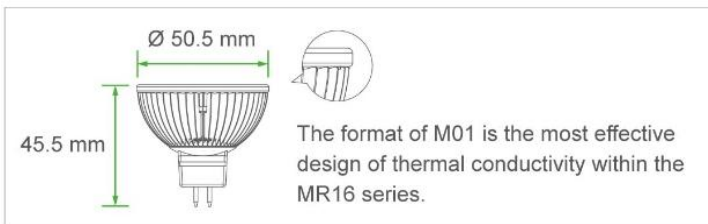
Design E17



Design B22D



M01 Fixture



M02 Fixture

