

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	38°, 60°, 80°, 120°	
	Colour Range	TW / NW / WW / R / G / B	
	Lumen Maintenance	20.000+ hours	
Electrical	Input Voltage	12V AC/DC or 100 ~ 240V AC	
	Power Consumption	1, 3, 7 Watt	
Physical	Bases	<ul style="list-style-type: none"> · GX 5.3 / GU 5.3 · E26 / 24 (US) · E26 / 27 (EURO) · GU10 / GZ 10 · E11 · E14 · E17 · B22D 	
	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
	Two Million Worldwide Product Liability Insurance.		

Chipset Luminaries

Chipsets	LUXEON Rebel		CREE LED Chips	
	1 W	3 W	7 W	
Power Consumption	1 W	3 W	7 W	
CRI	80			
Beam Angle	38° / 60° / 80° / 120°			
True White	120 lm	200 lm	475 lm	
Natural White	120 lm	200 lm	410 lm	
Warm White	70 lm CRI 90 56lm,	125 lm CRI 90 100 lm	355 lm	
Red	50 lm	100 lm	-	
Green	120 lm	200 lm	-	
Blue	35 lm	65 lm	-	

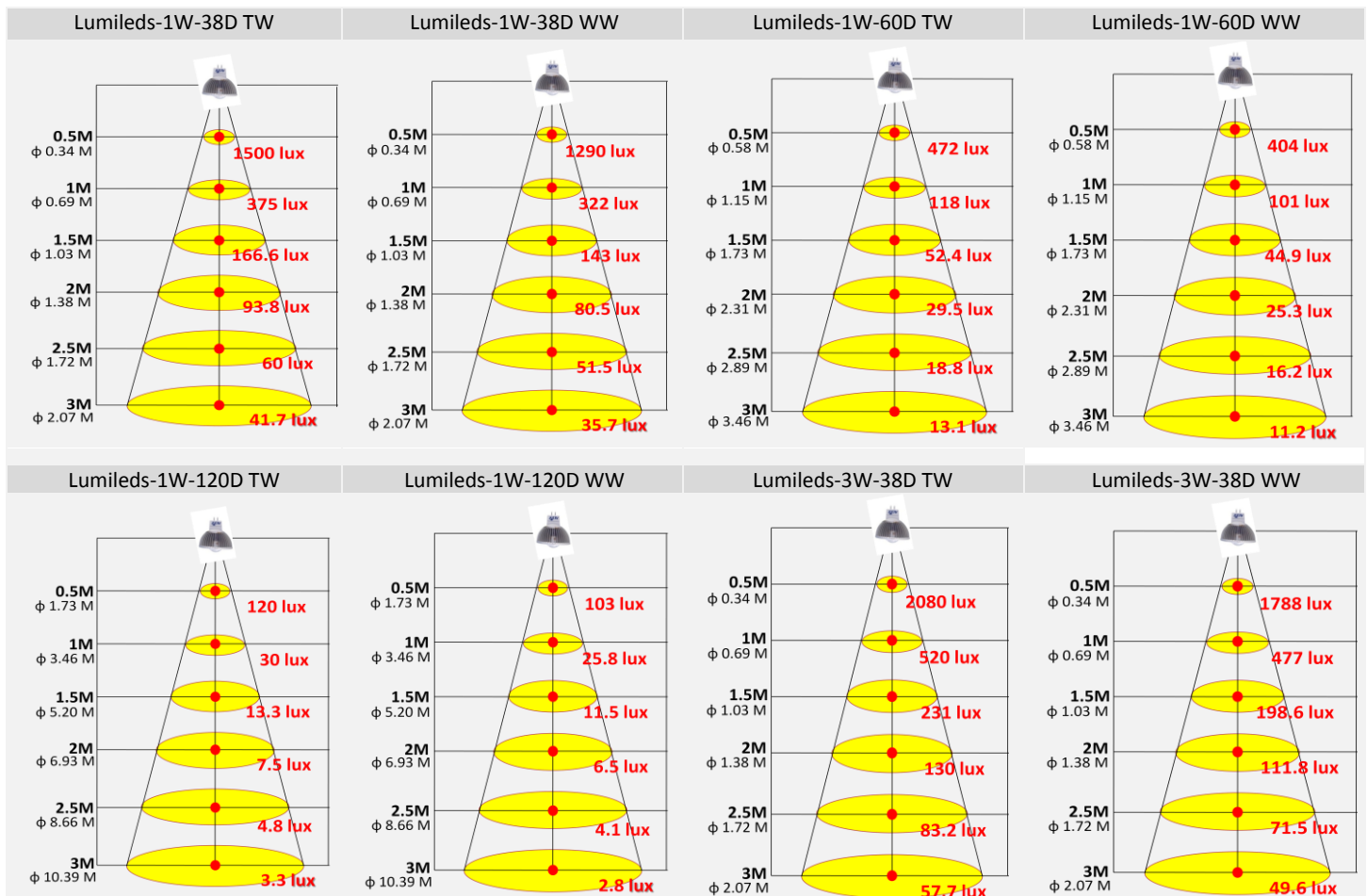
※All Chipset Luminaries Data are indicated in max values.

Optical Characteristics

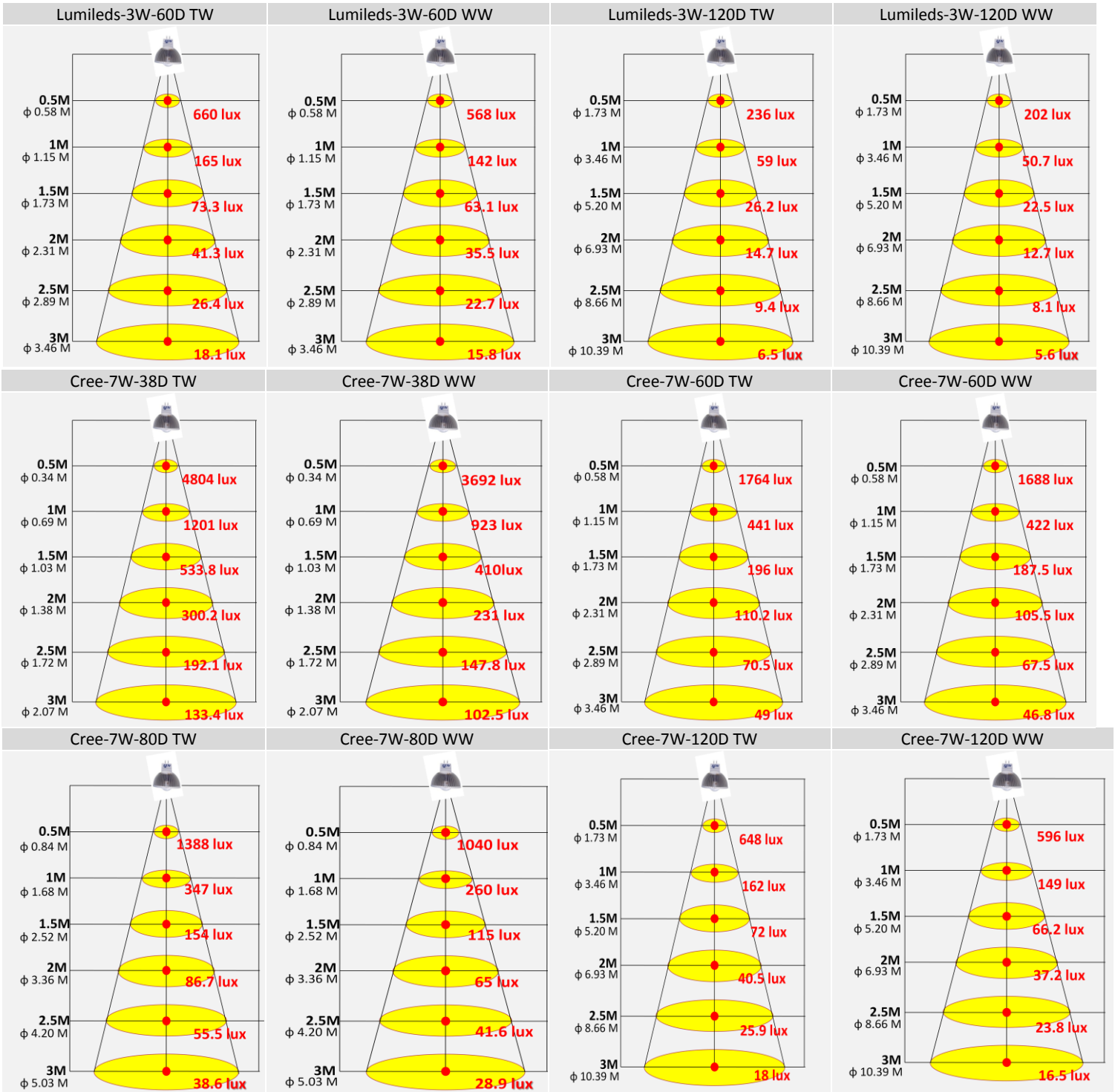
Dominant Wavelength (nm) or Colour Temperature (K)

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4500K	6500K	10000K
Natural White	3500K	4100K	4500K
Warm White	2540K	3100K	3500K
Red	620.5K	627K	645K
Green	520K	530K	550K
Blue	460K	470K	490K

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)



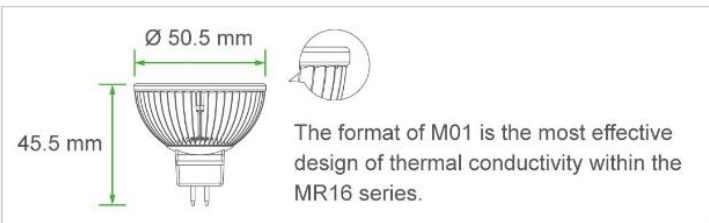
Design E17



Design B22D



M01 Fixture



M02 Fixture

