

BR40



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 BR Series is the most efficient and brightest LED for general lighting solution in the market, and is indeed the first high power LED to achieve the requirements in a safe, durable, and resourceful way. Concededly it is perfect for brightening up wide areas, including your living room, lobbies in Hotels, and dining areas in restaurants. Living wisely it allows you to reduce a considerable amount of energy consumption and maintenance costs, and at the same time provide a beautiful, elegant atmosphere. Simple and easy to install, also guaranteed by our engineers to last up to 40.000 hours, Asteria BR series are beautifully designed and will make a big difference in any ambient it is installed. More importantly, Asteria BR Series has been certified by the most important safety certification organisations, such as UL, TÜV, CE and FCC. All these provide a relieved safety environment to where it's applied.

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	60°, 72°, 120°
	Colour Range	TW / NW / WW
	Lumen Maintenance	40.000 hours
Electrical	Input Voltage	100 ~ 240V AC
	Power Consumption	15, 20, 35 Watt
Physical	Bases	· E26 / 24 (US) · E26 / 27 (EURO)
	Weight	15.17 oz. (430 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, 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		Epistar	
Power Consumption		15W	20W
Beam Angle		60° / 72° / 120°	
True White	○	CRI 70 800 lm CRI 90 640 lm	CRI 70 1100 lm CRI 90 880 lm
Natural White	●	CRI 70 650 lm CRI 90 520 lm	CRI 70 900 lm CRI 90 720 lm
Warm White	●	CRI 70 520 lm CRI 90 420 lm	CRI 70 740 lm CRI 90 600 lm

Chipsets		BRIDGELUX	
Power Consumption		20W	35W
Beam Angle		60° / 72° / 120°	
True White	○	CRI 65 1320 lm	CRI 65 2600 lm
Natural White	●	CRI 80 980 lm	—
Warm White	●	CRI 82 900 lm	CRI 82 1560 lm

※All Chipset Luminaries Data are indicated in max values.

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

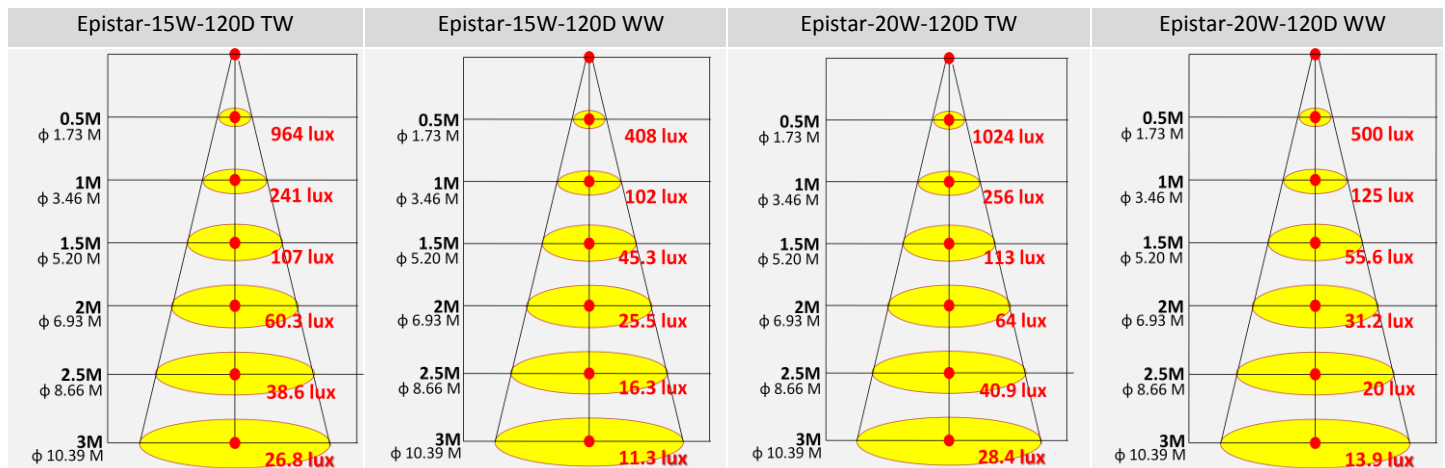
Epistar chipset

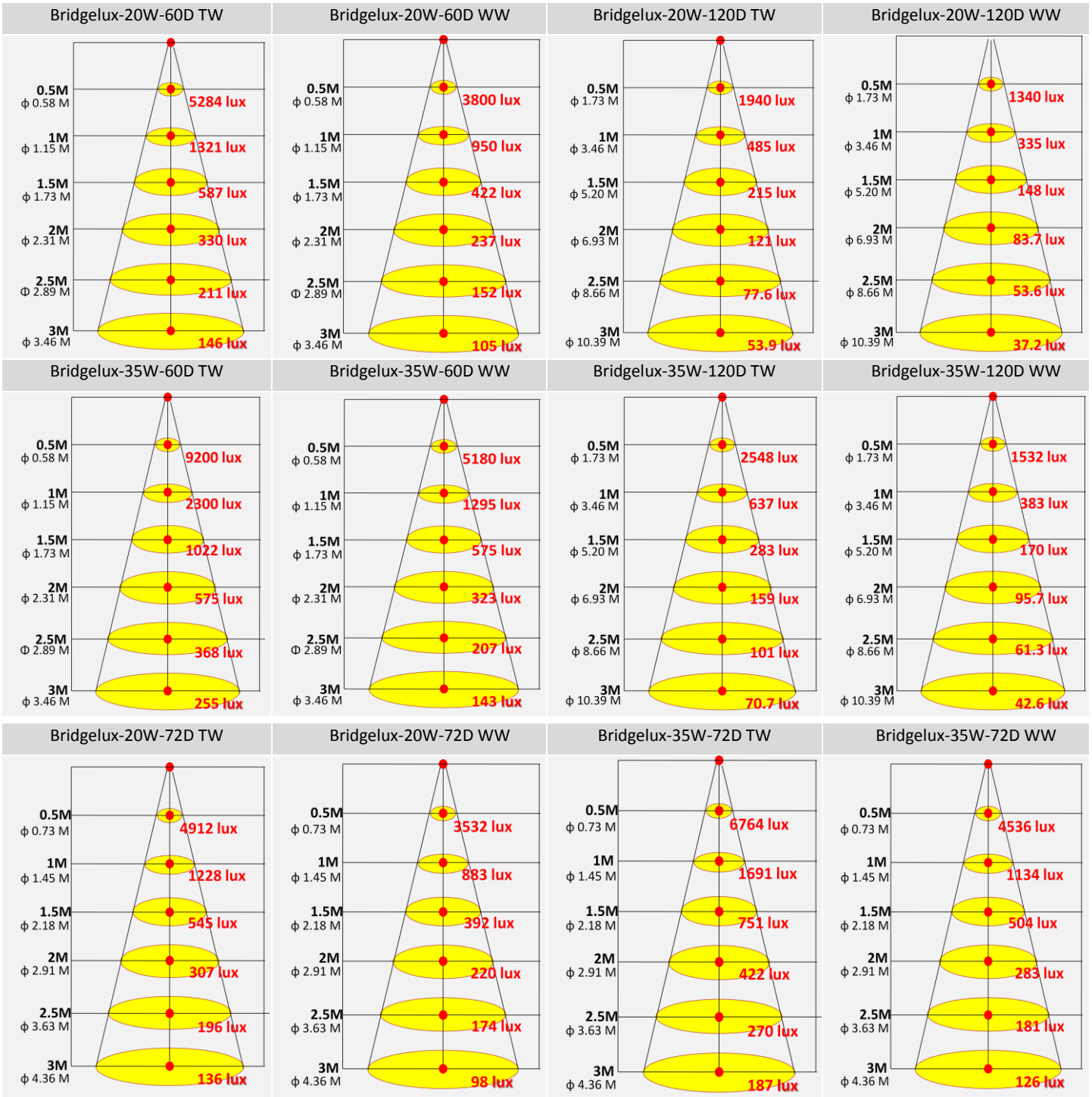
Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000K	6500K	10000K
Natural White	3800K	4500K	5000K
Warm White	2670K	3000K	3800K

Bridgelux chipset

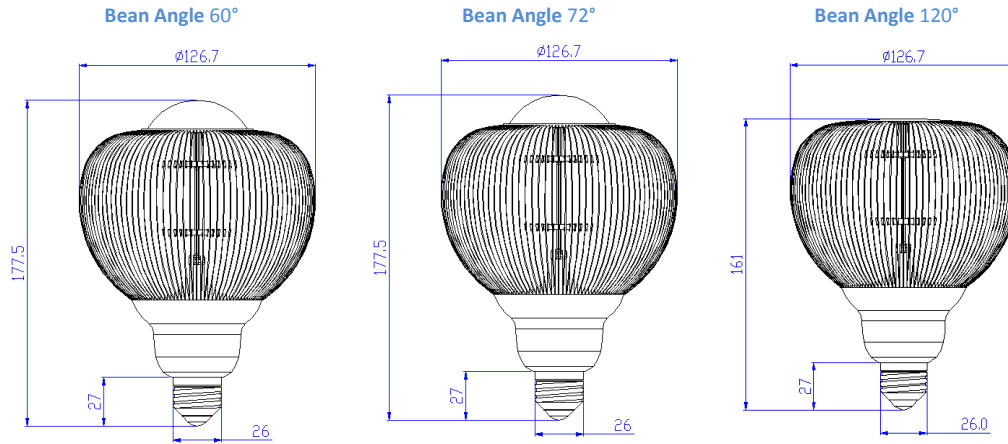
Correlated Colour Temperature	Min.	Typ.	Max.
True White	4750K	5600K	7000K
Natural White	3700K	4100K	4750K
Warm White	2850K	3000K	3700K

Illuminance at Distance





Mechanical Dimensions



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