

PAR38



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 PAR 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 50,000 hours, Asteria PAR series are beautifully designed and will make a big difference in any ambient it is installed. More importantly, Asteria PAR Series has been certified by the most important safety certification organisations, such as UL, LASER, C-TICK, RoHS, 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	20° / 38° / 50° / 60° / 90° / 100°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours
Electrical	Input Voltage	100~277V AC 24V DC
	Power Factor	> 0.9
	Power Consumption	30 Watts
Physical	Bases	<ul style="list-style-type: none"> · E26 / 24 (US) · E26 / 27 (EURO) · E39 / 41
	Weight	17.63 oz. (500 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	C-TICK, Laser Testing, RoHS, CE , FCC, UL, REACH , LVD
	Environment	Not for use in totally enclosed fixtures Suitable for damp location
	Warranty	3 years
Two Million Worldwide Product Liability Insurance.		

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

CREE LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4550K	6000K	10000K
Natural White	3250K	4000K	4750K
Warm White	2100K	3000K	3500K

BRIDGELUX LED chips

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

LUXEON LED Chips

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

OSRAM LED Chips

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

Lamp Luminous Flux

Chipsets	CREE XT-E
Power Consumption	30W
Beam Angle	50% 60° / 100°
True White	CRI 70 2750 lm
Natural White	CRI 80 2480 lm
Warm White	CRI 80 1880 lm
	CRI 90 1700 lm (2200K) 1500 lm

Chipsets	CREE XM-L
Power Consumption	30W
Beam Angle	50% 20° / 38° / 60° / 100°
True White	CRI 65 2750 lm
Natural White	CRI 75 2480 lm
Warm White	CRI 80 1880 lm

Chipsets	BRIDGELUX
Power Consumption	30W
Beam Angle	50% 50°/60°/100°
True White	CRI 65 2100 lm
Natural White	CRI 80 2000 lm
Warm White	CRI 82 1370 lm

Chipsets	Lumileds - LUXEON Q
Power Consumption	30W
Beam Angle	50% 60° / 100°
True White	CRI 80 2800 lm
Natural White	CRI 80 2500 lm
Warm White	CRI 80 2000 lm

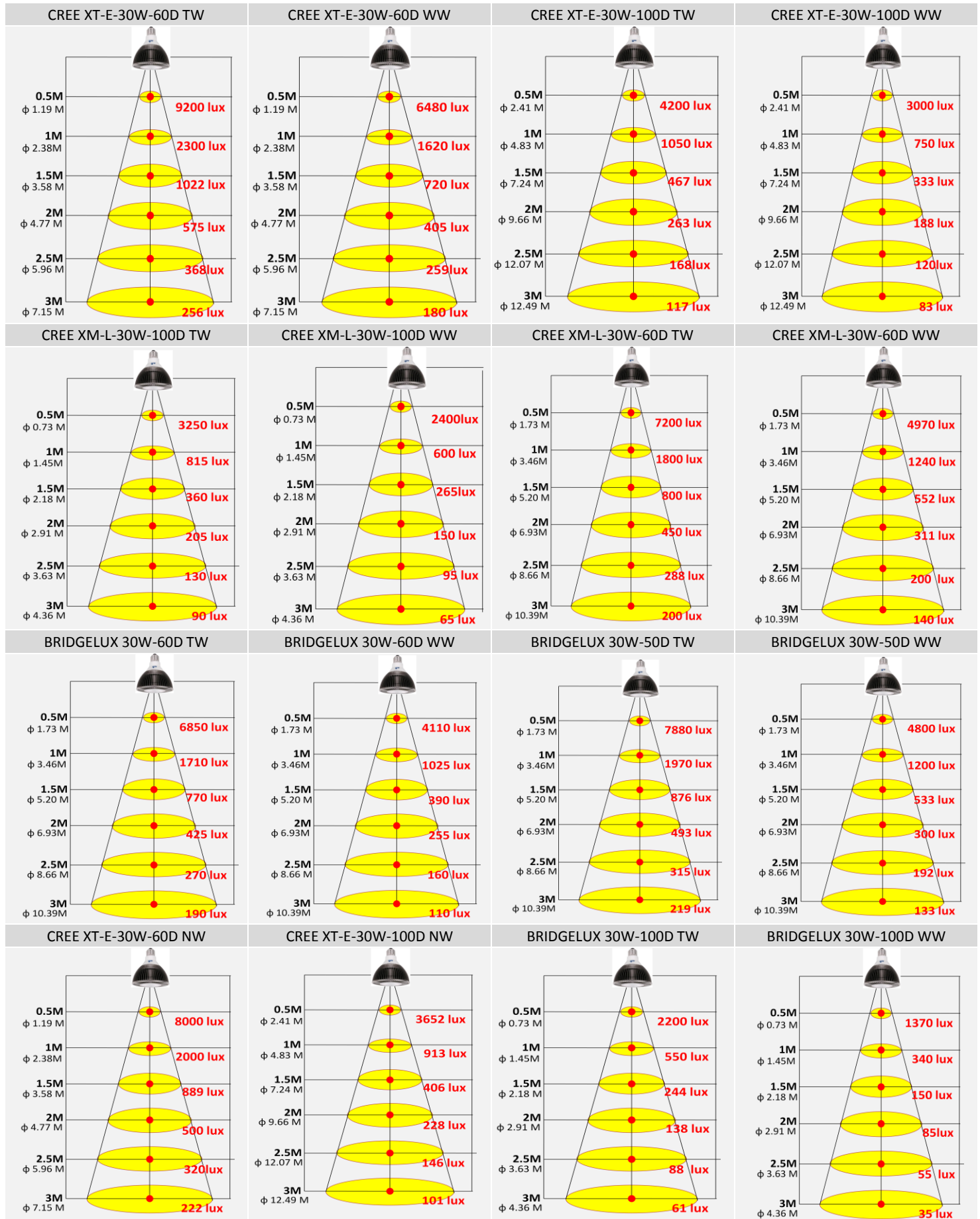
Chipsets	OSRAM Square
Power Consumption	30W
Beam Angle	50% 60° / 100°
True White	CRI 70 2850 lm
Natural White	CRI 70 2600 lm
Warm White	CRI 80 2100 lm
	CRI 92 1600 lm (2400K) 1700 lm

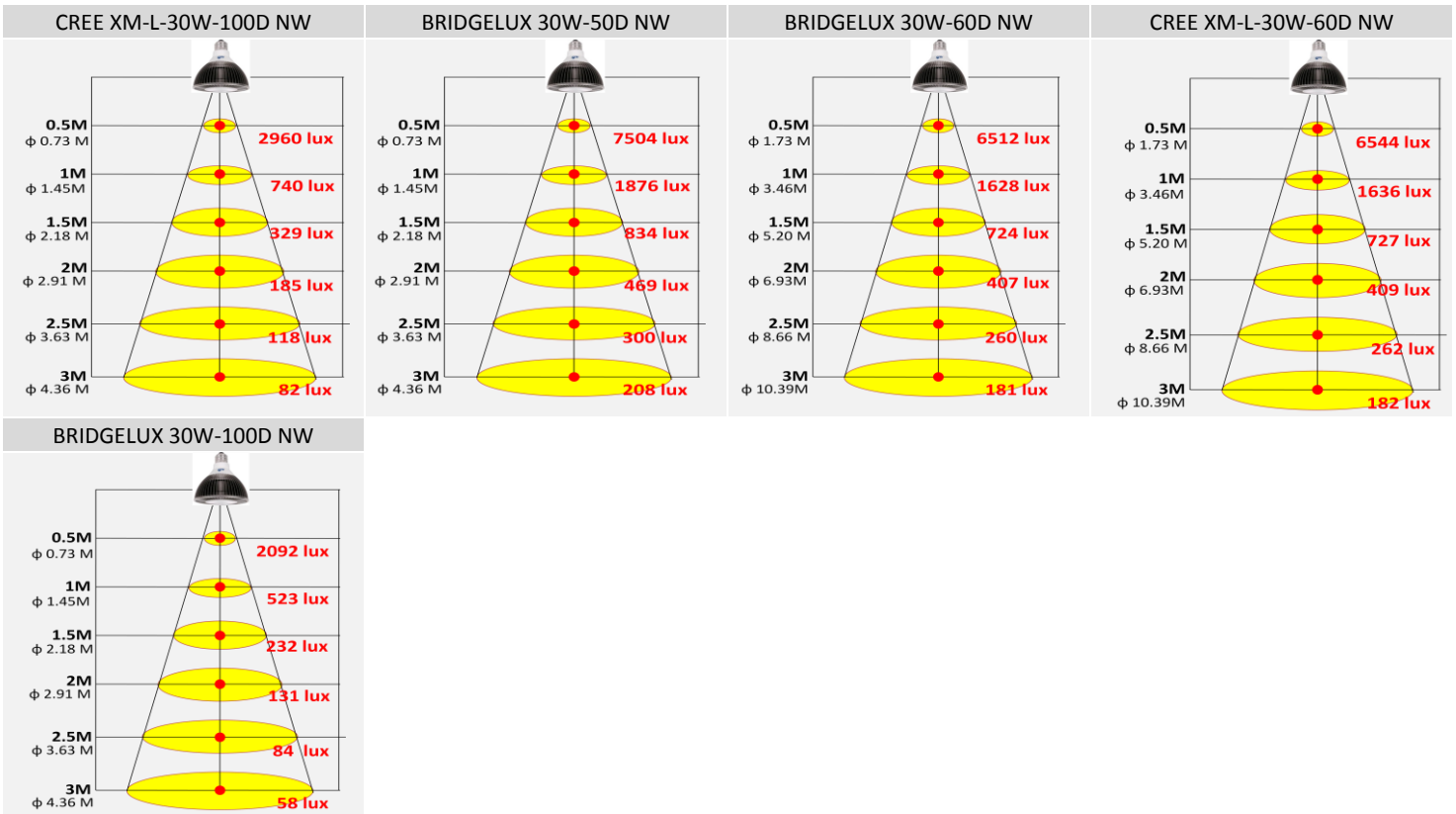
Chipsets	LUXEON Tx
Power Consumption	30W
Beam Angle	50% 60° / 100°
True White	CRI 70 2800 lm
Natural White	CRI 70 2500 lm
Warm White	CRI 80 2000 lm

Chipsets	CREE XP-L
Power Consumption	30W
Beam Angle	50% 60° / 90°
True White	CRI 65 2950 lm
Natural White	CRI 75 2650 lm
Warm White	CRI 80 2100 lm

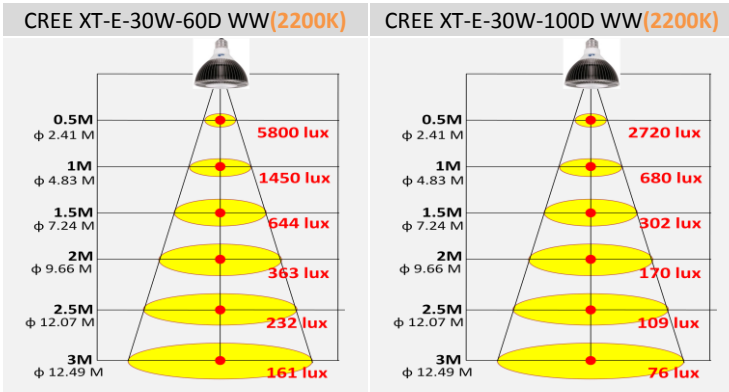
※All Lamp Luminous Flux Data are indicated in max values

Illuminance at Distance





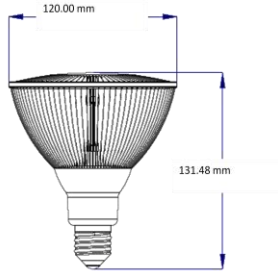
Illuminance at Distance



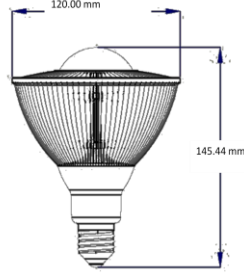
Mechanical Dimensions

P20

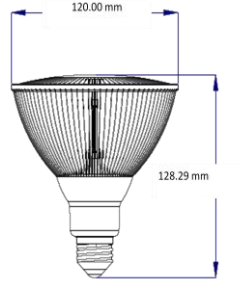
E26/27(EURO)
Beam Angle 20°, 38°, 50°, 90°, 100°



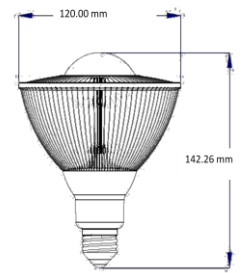
E26/27(EURO)
Beam Angle 60°



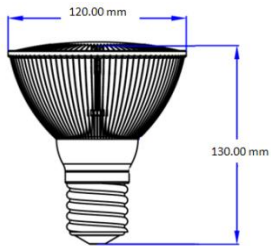
E26/24(US)
Beam Angle 20°, 38°, 50°, 90°, 100°



E26/24(US)
Beam Angle 60°



E39/41
Beam Angle 20°, 38°, 50°, 90°, 100°



E39/41
Beam Angle 60°

