

BR30



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



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	10°, 15°, 25°, 38°, 50°, 60°, 100°
	Colour Range	TW / NW / WW
	Lumen Maintenance	40,000 hours
Electrical	Input Voltage	100 ~ 277V AC 24V DC
	Power Consumption	10, 12, 15 Watts
	Power Factor	> 0.9
Physical	Bases	· E26 / 24 (US) · E26 / 27 (EURO)
	Weight	9.2 oz. (260 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, C-Tick Laser Testing, REACH
	Environment	Not for use in totally enclosed fixtures Suitable for damp location
	Warranty	3 years
Customized Available	Power Factor	>0.9 for 15W
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	4500K	6000K	10000K
Natural White	3500K	4300K	5000K
Warm White	2100K	3000K	3700K

LUXEON LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000K	6000K	6500K
Natural White	3500K	4500K	5000K
Warm White	2700K	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

EPISTAR LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4750K	5700K	10000K
Natural White	3250K	4000K	4750K
Warm White	2500K	2700K	3250K

Lamp Luminous Flux

Chipsets		CREE XT-E
Power Consumption		15W
Beam Angle	50%	60° / 100°
True White	CRI 70	1250 lm
Natural White	CRI 80	1050 lm
Warm White	CRI 80	900 lm
	CRI 90	800 lm (2200K) 720 lm

Chipsets		EPISTAR
Power Consumption		12W
Beam Angle	50%	50° / 60° / 100°
True White	CRI 70	680 lm
Natural White	CRI 70	660 lm
Warm White	CRI 70	600 lm

Chipsets		BRIDGELUX	
Power Consumption		10W	15W
Beam Angle	50%	50° / 60° / 100°	
True White	CRI 65	780 lm	1050 lm
Natural White	CRI 80	650 lm	1000 lm
Warm White	CRI 82	555 lm	700 lm

Chipsets		LUXEON Rebel	
Power Consumption		10W	15W
Beam Angle	50%	100°	50° / 100°
True White	CRI 80	720 lm	780 lm
Natural White	CRI 80	610 lm	680 lm
Warm White	CRI 80	480 lm	630 lm

Chipsets		CREE XP-E		CREE XP-E HEW
Power Consumption		10W		15W
Beam Angle	50%	10°	50° / 100°	60° / 100°
True White	CRI 80	680 lm	820 lm	CRI 68 950 lm
Natural White	CRI 80	600 lm	750 lm	CRI 75 850 lm
Warm White	CRI 80	480 lm	650 lm	CRI 80 750 lm

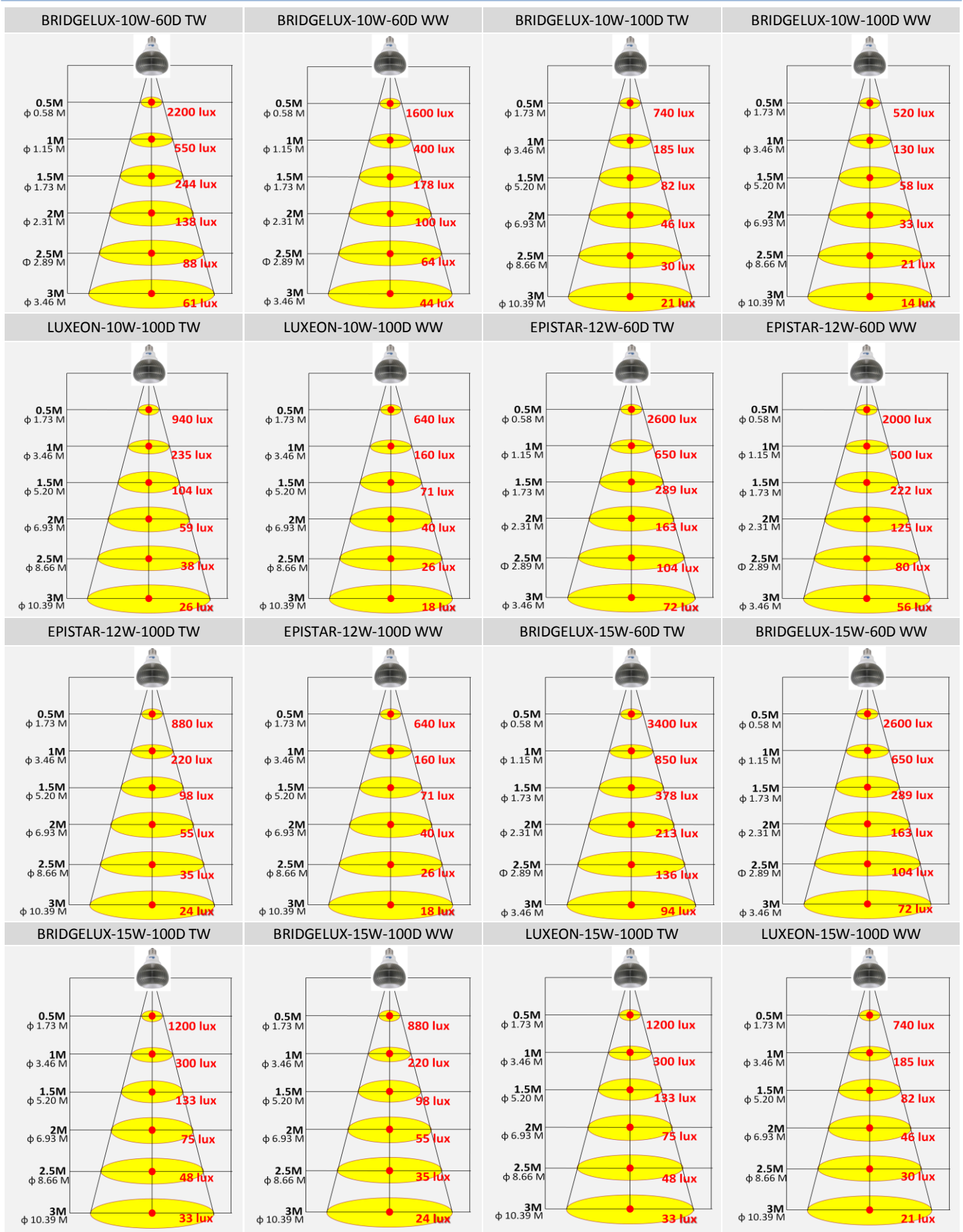
Chipsets		CREE XP-G
Power Consumption		15W
Beam Angle	50%	25° / 60° / 100°
True White	CRI 80	1150 lm
Natural White	CRI 80	925 lm
Warm White	CRI 80	820 lm

Chipsets		CREE XM-L
Power Consumption		15W
Beam Angle	50%	15° / 25° / 38°
True White	CRI 65	1300 lm
Natural White	CRI 75	1100 lm
Warm White	CRI 80	880 lm

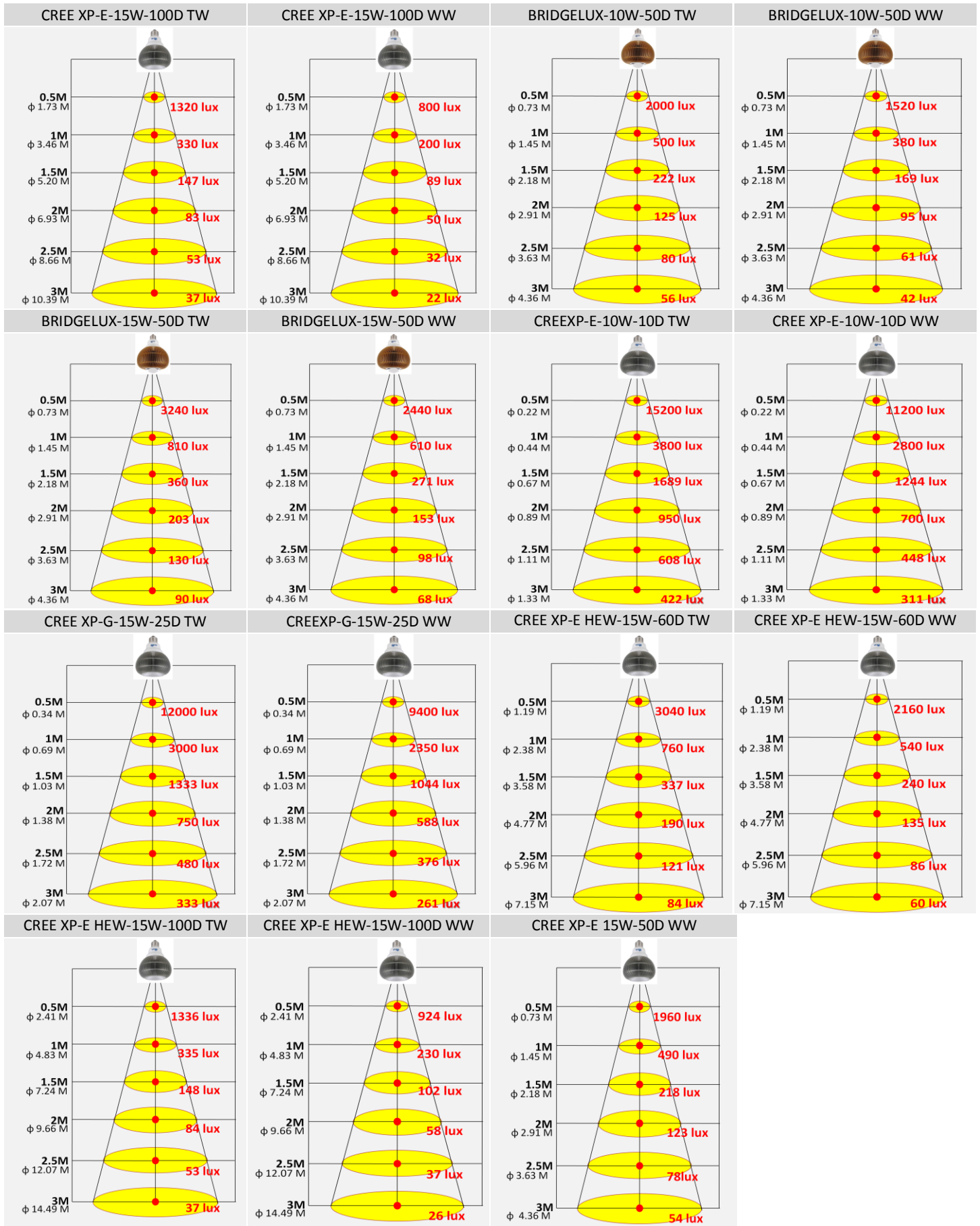
Chipsets		Epistar
Power Consumption		15W
Beam Angle	50%	60° / 100°
True White	CRI 98	620 lm
Warm White	CRI 98	470 lm

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

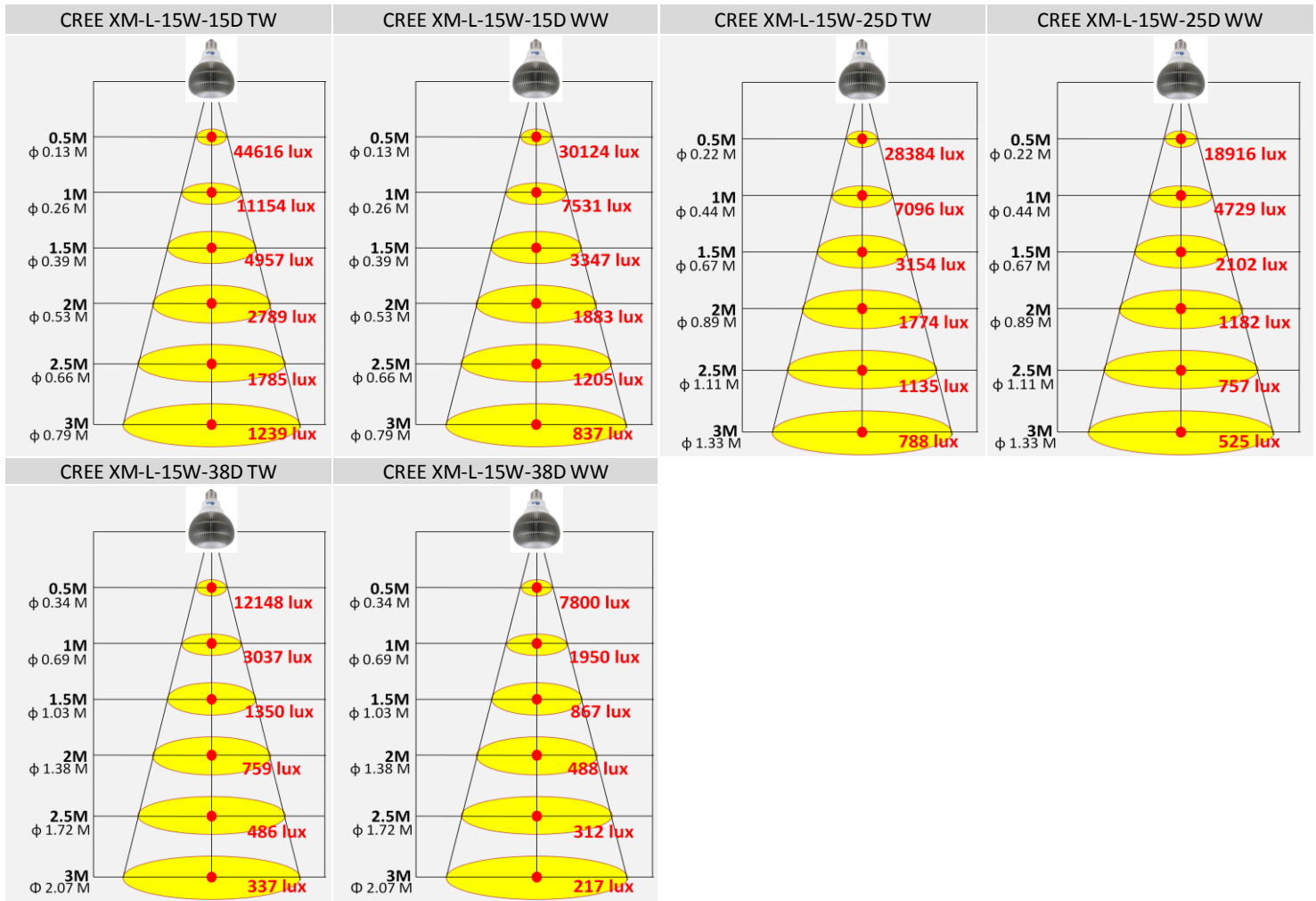
Illuminance at Distance



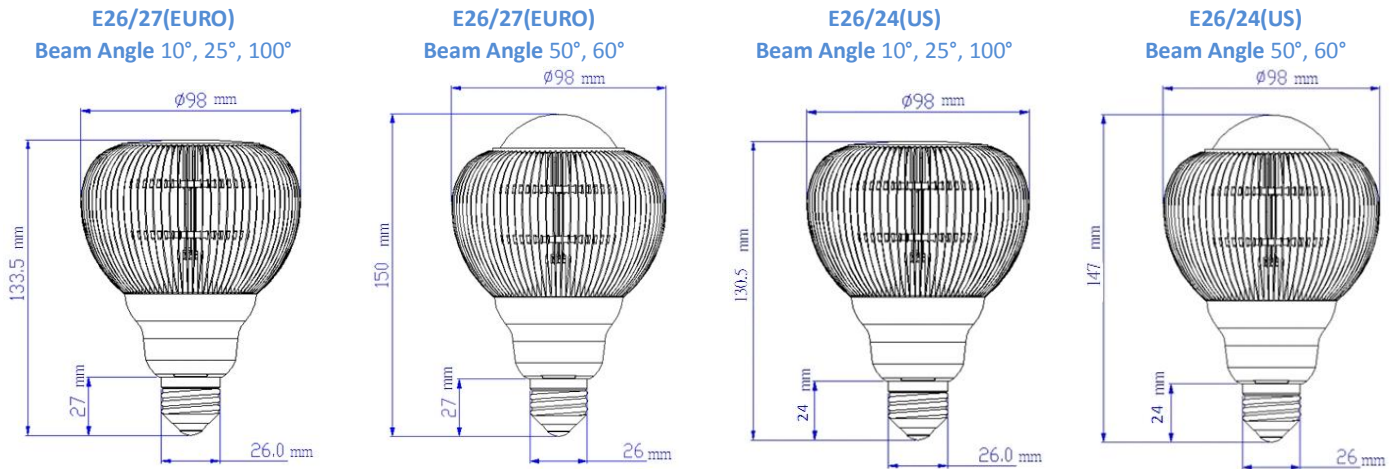
Illuminance at Distance



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Mechanical Dimensions



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