

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	25°, 38°, 60°, 72° 120°
	Colour Range	TW / NW / WW
	Lumen Maintenance	40.000 hours
Electrical	Input Voltage	100 ~ 240V AC
	Power Consumption	10, 12, 15 Watt
Physical	Bases	· E26 / 24 (US) · E26 / 27 (EURO)
	Weight	9.17 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, 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	10W	12W	15W
Beam Angle	60° / 72° / 120°		
True White ○	CRI 70 620 lm CRI 90 500 lm	CRI 70 700 lm	CRI 70 800 lm CRI 90 640 lm
Natural White ●	CRI 70 510 lm CRI 90 410 lm	CRI 70 700 lm	CRI 70 650 lm CRI 90 520 lm
Warm White ●	CRI 70 410 lm CRI 90 330 lm	CRI 70 560 lm	CRI 70 520 lm CRI 90 420 lm

Chipsets	BRIDGELUX		
Power Consumption	10W	15W	
Beam Angle	60° / 72° / 120°		
True White ○	CRI 65 680 lm	CRI 65 960 lm	
Natural White ●	CRI 80 520 lm	CRI 80 740 lm	
Warm White ●	CRI 82 450 lm	CRI 82 700 lm	

Chipsets	LUXEON Rebel		
Power Consumption	10W	15W	
Beam Angle	120°	120°	
True White ○	CRI 80 720 lm	CRI 80 1000 lm	
Natural White ●	CRI 80 720 lm	CRI 80 1000 lm	
Warm White ●	CRI 80 460 lm	CRI 80 650 lm	

Chipsets	CREE LED Chips		
Power Consumption	10W	15W	
Beam Angle	25°	38°	120°
True White ○	CRI 80 780 lm	CRI 80 1800 lm	CRI 80 1000 lm
Natural White ●	CRI 80 680 lm	CRI 80 1475 lm	CRI 80 1000 lm
Warm White ●	CRI 80 630 lm	CRI 80 1300 lm	CRI 80 650 lm

※All Chipset Luminaries Data are indicated in max values.

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

EPISTAR LED chips

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

BRIDGELUX LED chips

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

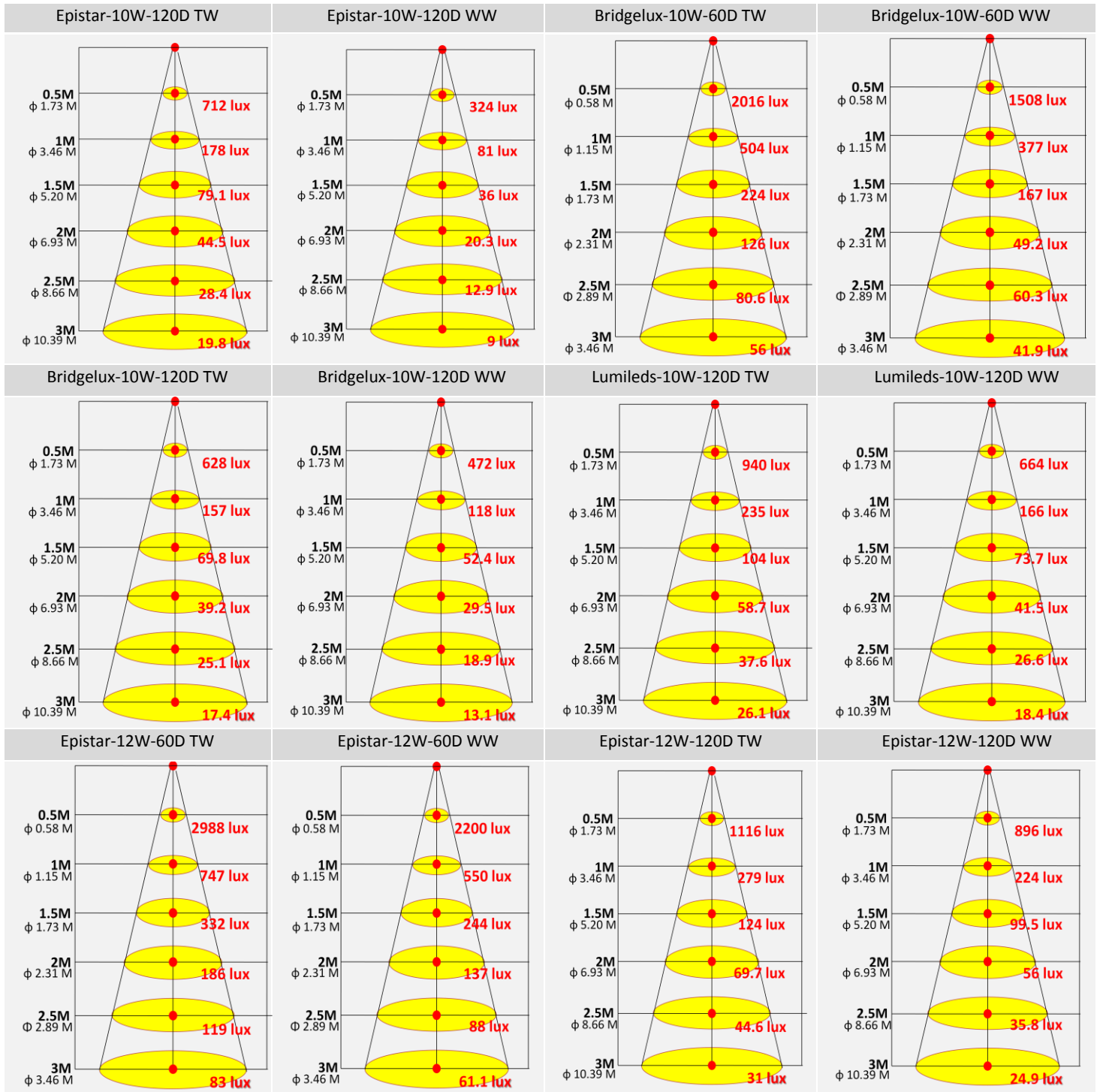
CREE LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000K	6000K	10000K
Natural White	3700K	4300K	5000K
Warm White	2600K	3000K	3700K

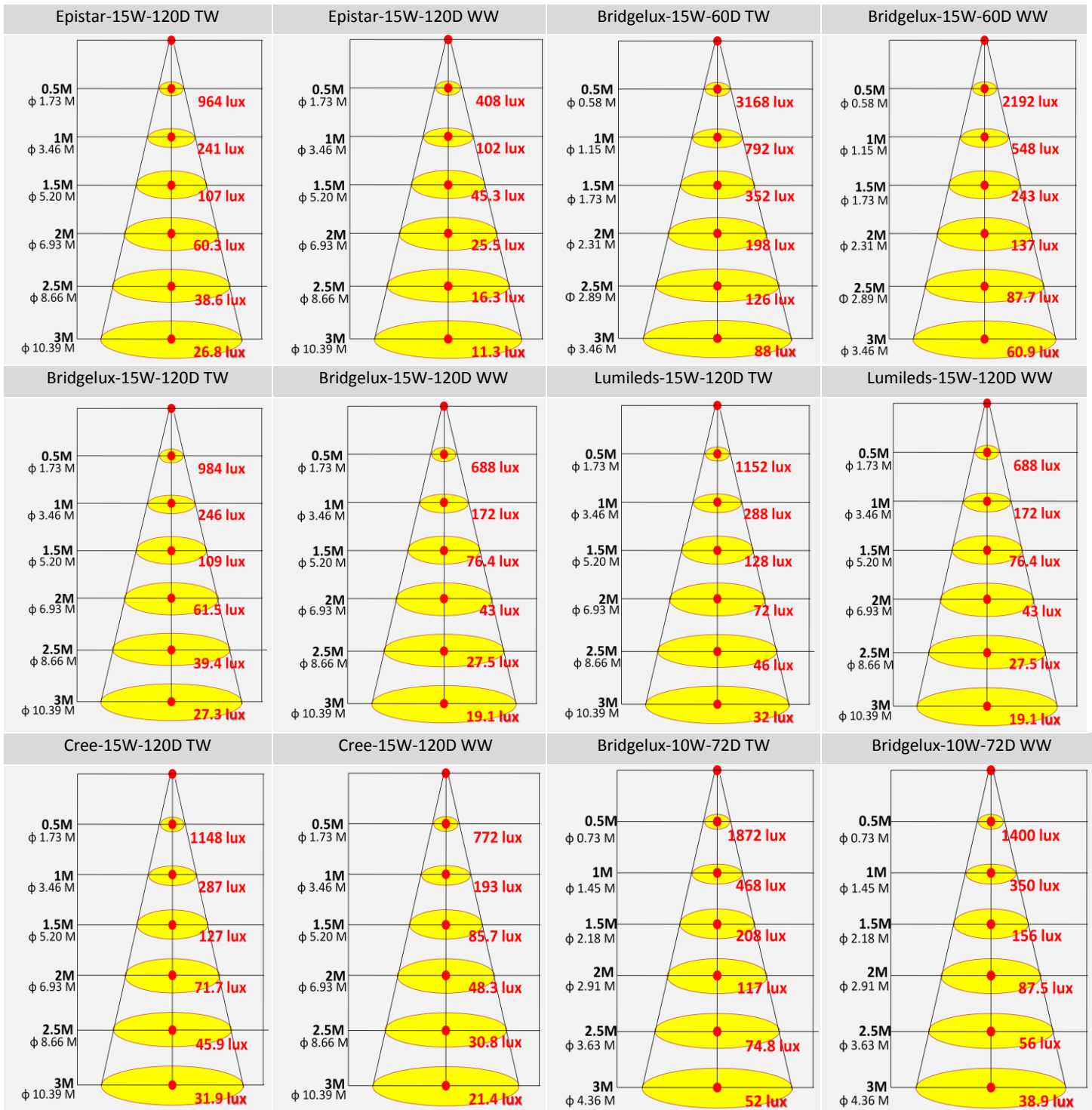
LUXEON LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	5000K	6000K	6500K
Natural White	3500K	4500K	5000K
Warm White	2700K	3000K	3500K

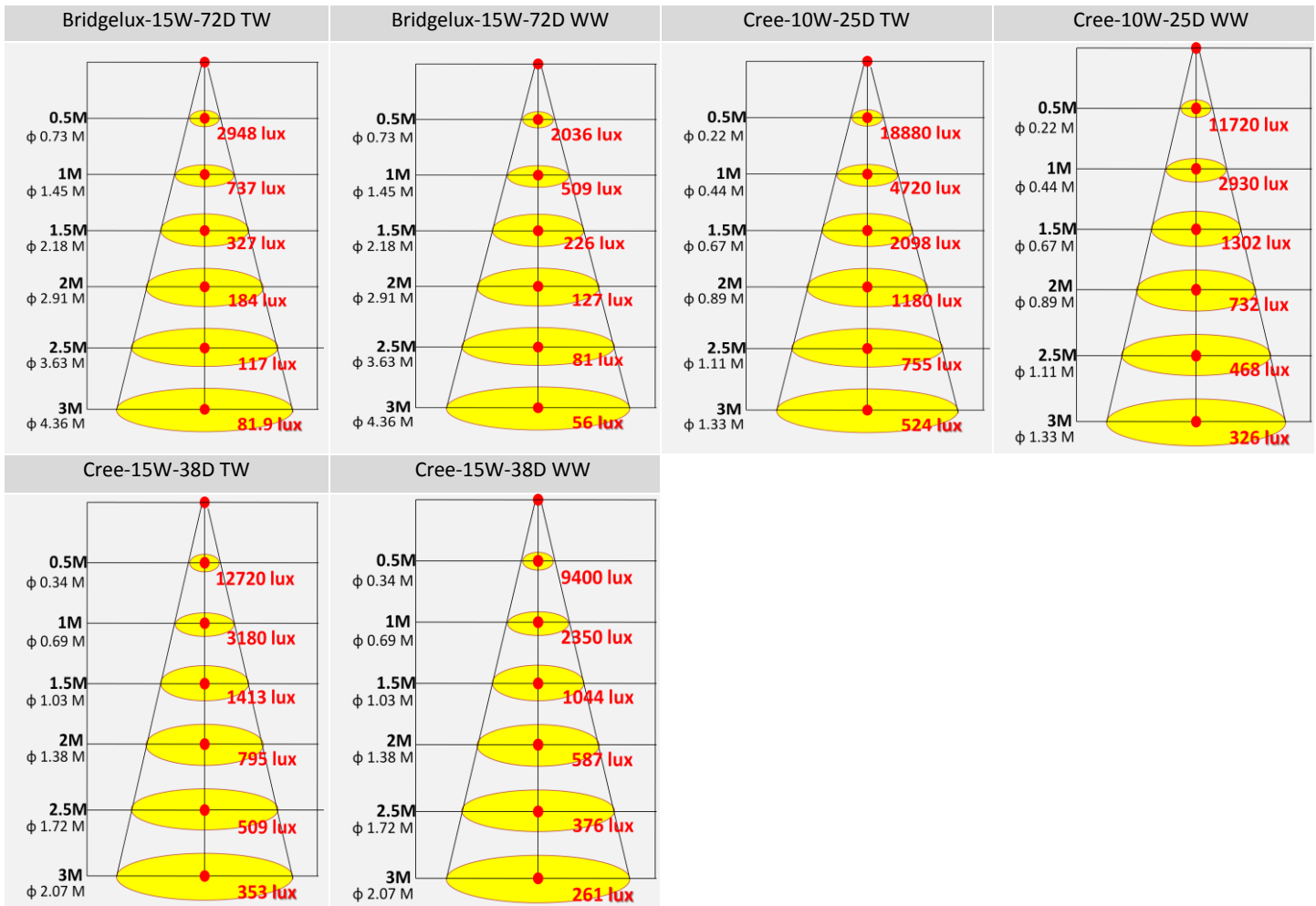
Illuminance at Distance



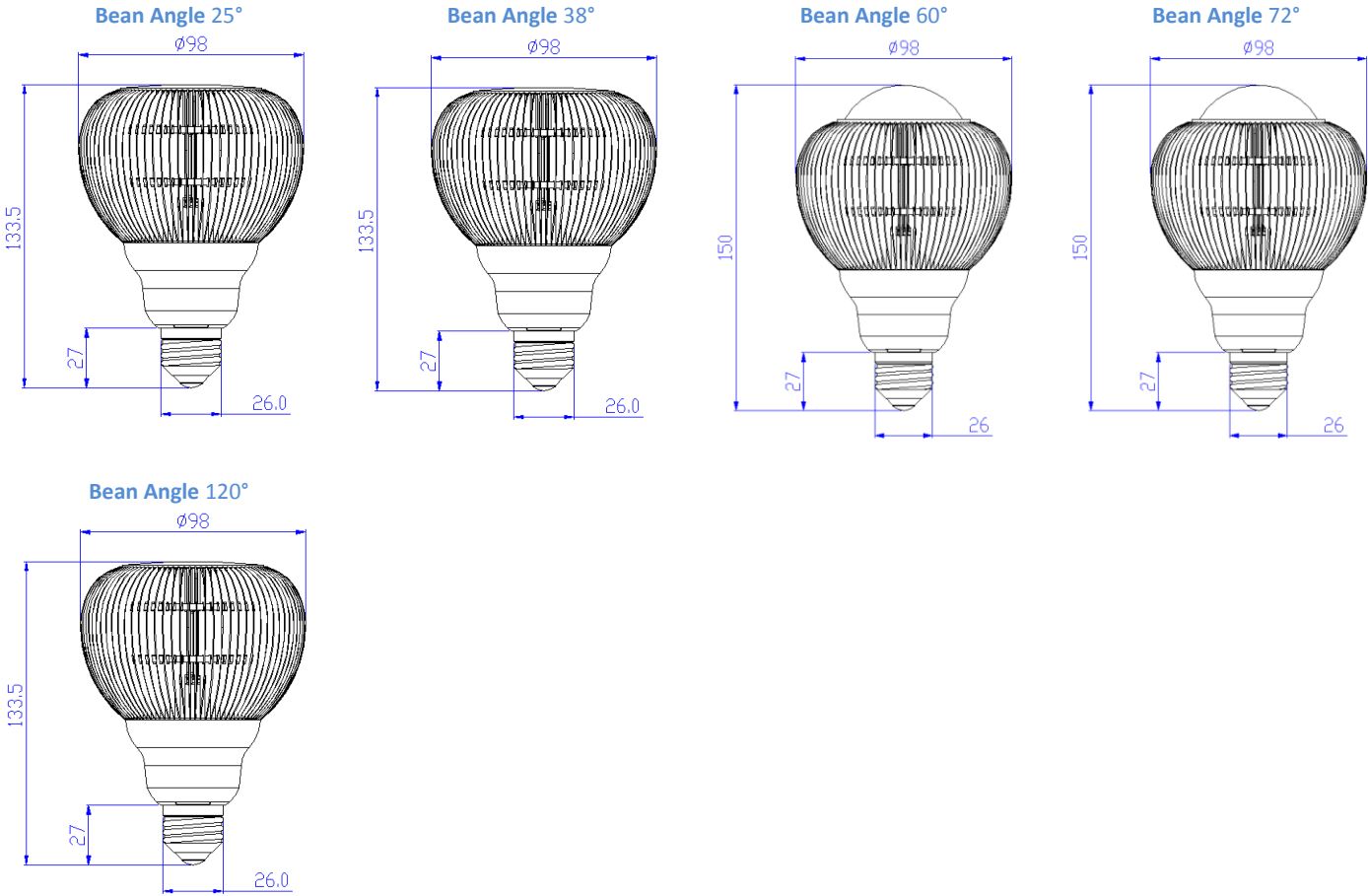
Illuminance at Distance



Illuminance at Distance



Mechanical Dimensions



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