

Ceiling Light



ALLED®
Orion

Series

Specification Sheet

Product Introduction

Orion, often referred to as The Hunter, is one of the few constellations visible throughout the planet. Its degree of brightness can be seen and felt every time you switch on ALT's ORION products. Like any other ALT product, ALT's Orion Ceiling Light is also a truly 100% green product with its best performance on energy saving. Our Orion Ceiling Light is the best replacement for traditional halogen lamps, such as AR111, offering more than 60% energy saving and a visually pleasing functional source of light. Different from the traditional lighting system, our Orion Ceiling Light Series helps to promote products in the department store, art gallery, jewellery stores, and other elegant boutiques which makes them look astonishingly better. The cold light source will protect your products from the heat damage, and also enhance visual effects. Orion Ceiling light will give designers the possibilities to retrofit specific levels of lighting to attain the desired ambiance.

Certificates



Intertek
3186663



Features

- ✓ The Orion series ceiling light is perfect replacement for AR111.
- ✓ Integration structural design to ensure maximal heat dissipation.
- ✓ Original high-power LED chips.
- ✓ CRI 80 high-brightness.

Application

- ✓ Office Lighting.
- ✓ Commercial Lighting.
- ✓ Illumination Lighting.



Specifications

Item	Specification	Details
Output	Beam Angle	10°, 15°, 20°, 24°, 30°, 45°, 50°, 60°, 80°, 90°, 130°, 135°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours
Electrical	Input Voltage	100 ~ 240V AC
	Power Consumption	25, 30 Watts
Physical	Weight	2 kg
	Lens	Optics PMMA
	Operating Temperature	-4° F to 121° F (-40°C to 50°C)
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certifications	ETL, CE, FCC, LVD, Laser Testing, RoHS
	Environment	Suitable for damp location
	Warranty	3 years
Two Million Worldwide Product Liability Insurance.		

Chipset Luminous Flux

Chipsets	EPISTAR	BRIDGELUX
Power Consumption	25 W	30 W
Beam Angle	130°	130°
True White ○	CRI 70 1600 lm	CRI 65 2500 lm
Natural White ●	CRI 70 1600 lm	CRI 80 2000 lm
Warm White ●	CRI 70 1200 lm	CRI 82 1800 lm

Chipsets	CREE XP-E	LUXEON Rebel
Power Consumption	25 W	
Beam Angle	10° / 20° / 30° / 45° / 60° / 90° / 130° / 135°	
True White ○	CRI 80 1800 lm	
Natural White ●	CRI 80 1600 lm	
Warm White ●	CRI 80 1300 lm	

Chipsets	CREE XP-G	LUXEON Rebel ES
Power Consumption	25W	
Beam Angle	15° / 24° / 30° / 50° / 60° / 90° / 130° / 135°	
True White ○	CRI 80 2500 lm	
Natural White ●	CRI 80 2200 lm	
Warm White ●	CRI 80 1800 lm	

Chipsets	CREE XT-E
Power Consumption	25W
Beam Angle	15° / 20° / 30° / 45° / 50° / 60° / 80° / 90° / 130°
True White ○	CRI 70 2800 lm
Natural White ●	CRI 80 2450 lm
	CRI 80 2000 lm
Warm White ●	CRI 80 1750 lm (2200K)
	CRI 90 1600 lm

Chipsets	CREE XB-D
Power Consumption	25 W
Beam Angle	10° / 20° / 30° / 45° / 60° / 90° / 130° / 135°
True White CRI 80	2300 lm
Natural White CRI 80	1950 lm
Warm White CRI 80	1750 lm

※All Chipset Luminous Flux 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

CREE LED chips

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

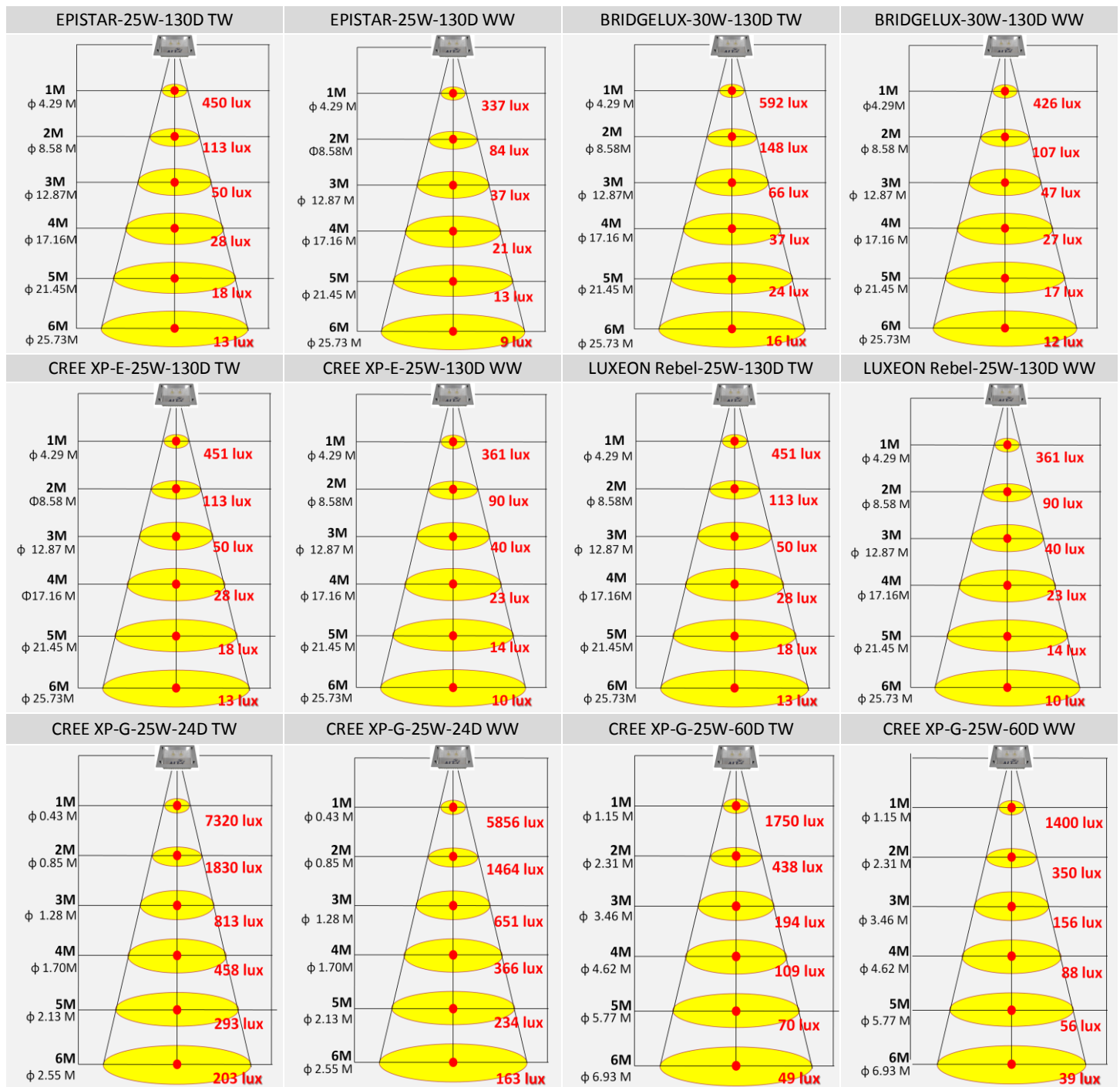
LUXEON LED chips

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

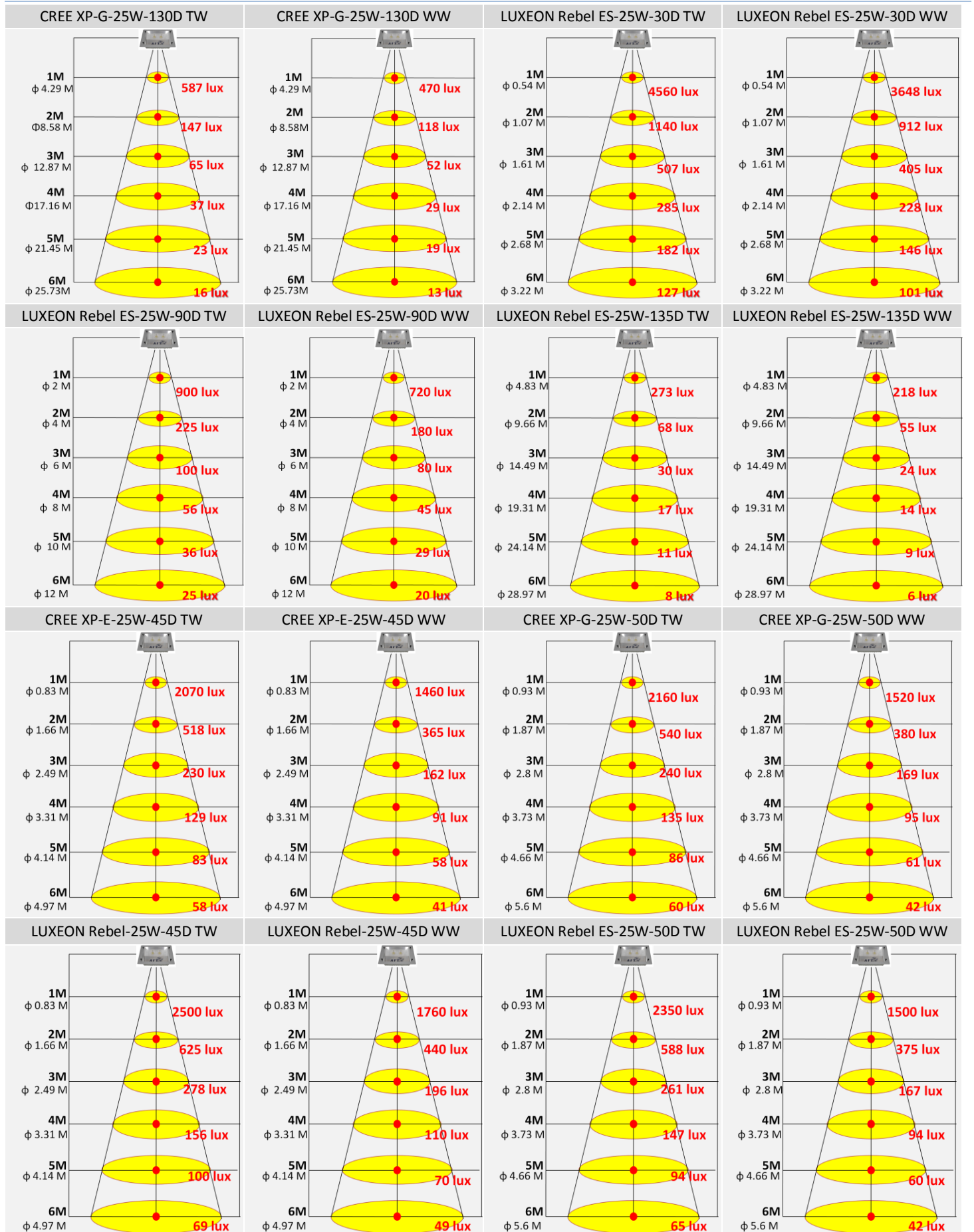
BRIDGELUX LED chips

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

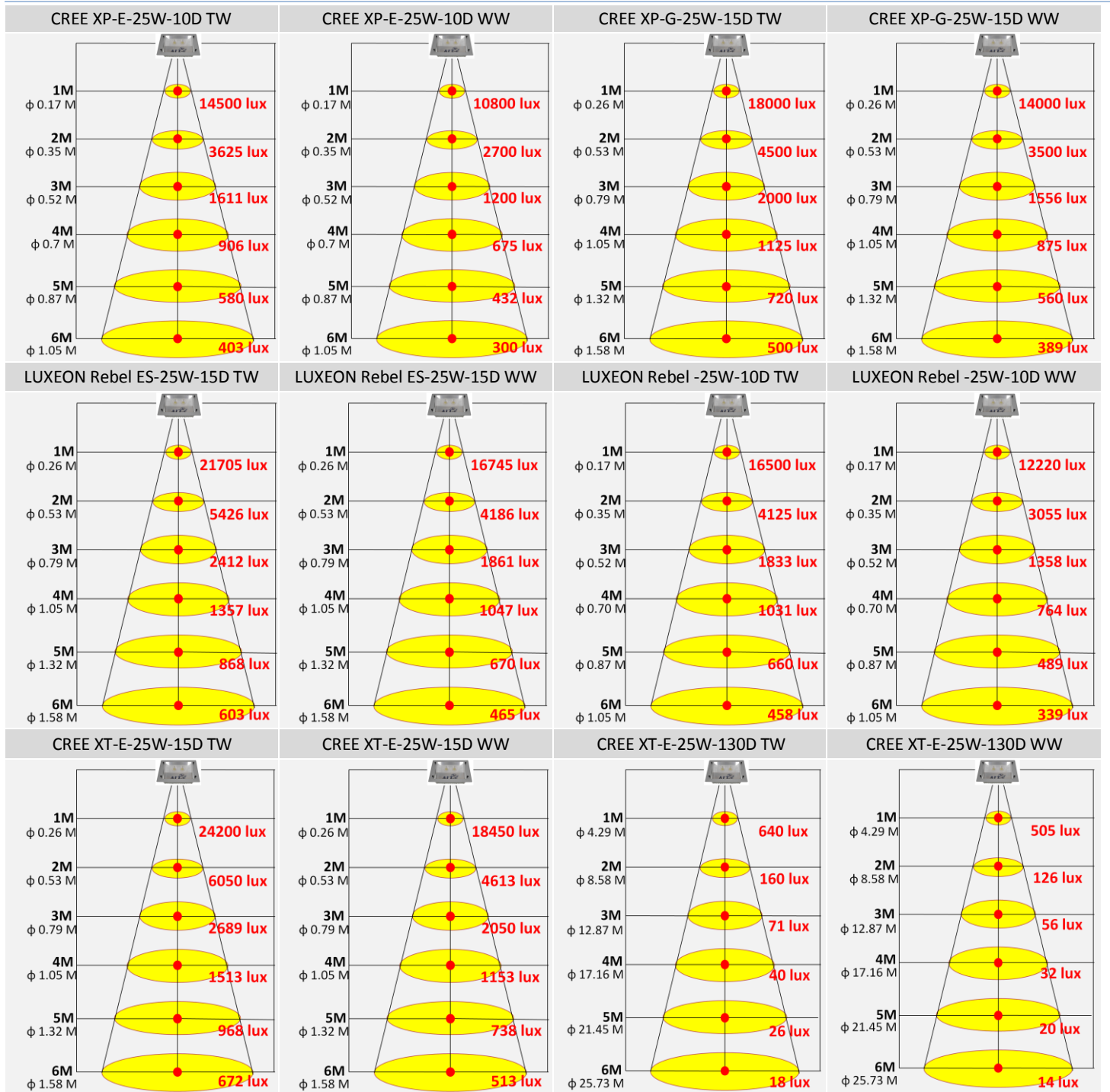
Illuminance at Distance



Illuminance at Distance



Illuminance at Distance



Mechanical Dimensions

