

Floodlight



ALTLED®

Lodestar

Specification Sheet

Product Introduction

Used in the past as a guide to navigators, LODESTAR is a bright, easily found star. As outdoor lighting series have to be, ALT's LODESTAR street light and flood light are beautiful, cost-saving, and with an incredible long life-span. ALT's Lodestar floodlight series is in fact one of the brightest LED in the world, going up to an astonishing lumens of 39000. Integrated with a patented aerospace structural design, and providing consistent light intensity and high performance even in extreme climates, ALT's Lodestar floodlight is ideal for large outdoor areas including external wall, gardens, harbours and sport fields. Furthermore, ALT is proud to announce that it has launched a revolutionary product called LED Grow Light. Also under the Lodestar floodlight series, our Grow Light changes the way we grow plants indoor. By providing much less heat, Lodestar Grow Light consumes less power by delivering the perfect effects that included Red, Green and Blue. This will consequently provide a much more efficient and fast growing.

Certificates



Features

- ✓ IP68 waterproof standard.
- ✓ Integration of a patented aerospace structural design ensures optimal cooling.
- ✓ Original high-power LED chips.
- ✓ CRI 80 high-brightness.
- ✓ PFC values up to 0.99 offering a stable voltage output.

Application

- ✓ Tunnel Lighting.
- ✓ Parking Applications.
- ✓ Canopy Lighting
- ✓ Wash Lighting.



Specifications

Item	Specification	Details
Output	Beam Angle	15° / 20° / 25° / 30° / 45° / 60° / 90° / 130° / 135° / 120°x 50° / 135°x 50°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours (L70 / B50)
Electrical	Input Voltage	100 ~ 240V AC
	Power Consumption	285 Watts
Physical	Weight	13.1kg (285 Watts)
	Lens	Optics PMMA
	Operating Temperature	-4° F to 121° F (-20°C to 50°C)
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certifications	CE, RoHs, Laser, ETL
	Environment	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	5000K	6000K	10000K
Natural White	3700K	4300K	5000K
Warm White	2600K	3000K	3700K

OSRAM LED Chips

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

Chipset Luminous Flux

100 ~ 240V AC

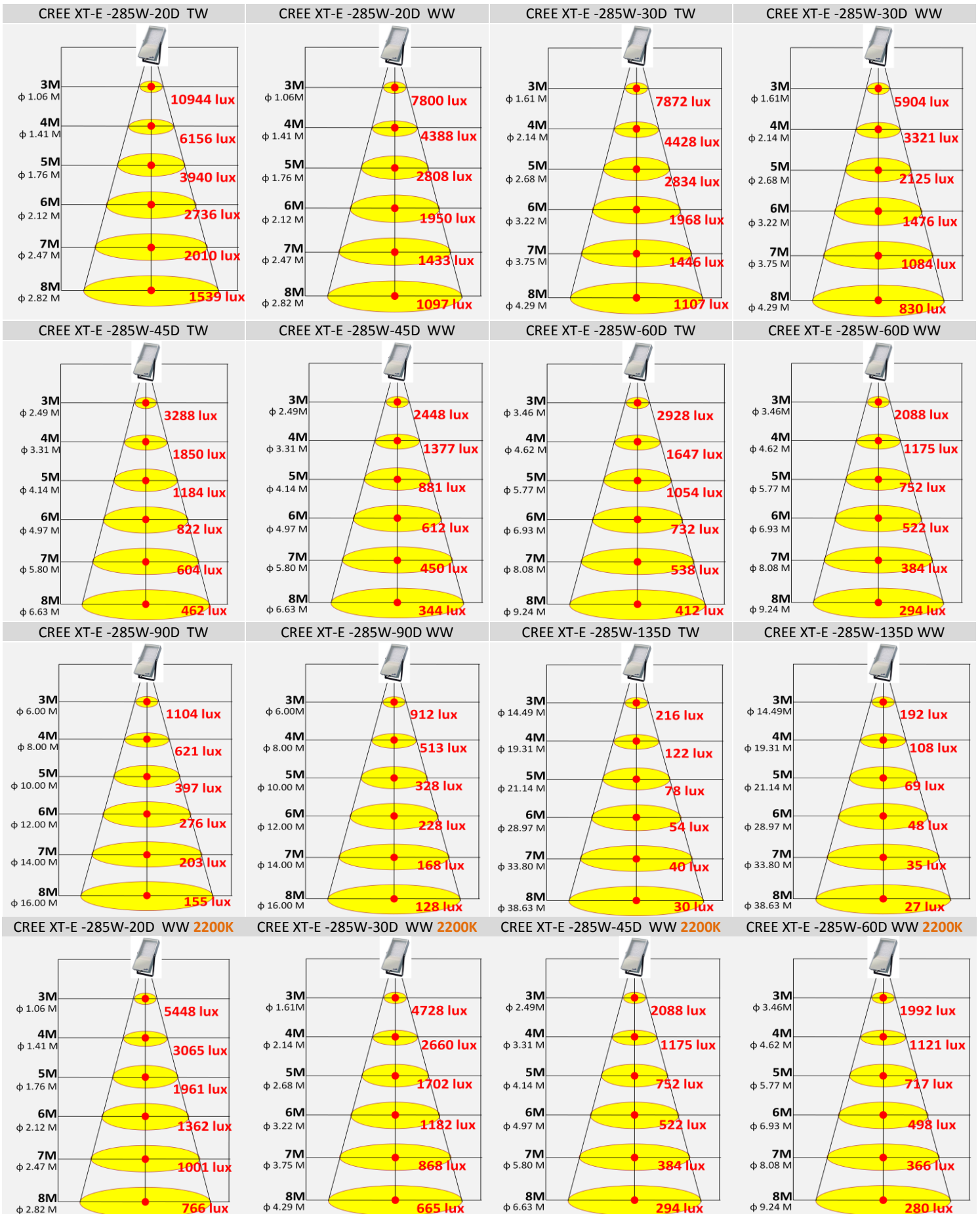
Chipsets	CREE XT-E	
Power Consumption	285 W	
Beam Angle	20° / 25° / 30° / 45° / 60° / 90° / 130° / 120°x 50° / 135°x 50°	
True White	CRI 70	33000 lm
Natural White	CRI 80	28000 lm
Warm White	CRI 80	24000 lm
	CRI 90	21000 lm (2200K) 19200 lm

Chipsets	CREE XP-L	
Power Consumption	285 W	
Beam Angle	30° / 130° / 120°x 50° / 135°x 50°	
True White	CRI 65	39000 lm
Natural White	CRI 75	36000 lm
Warm White	CRI 80	32500 lm

Chipsets	OSRAM Square	
Power Consumption	285 W	
Beam Angle	15° / 20° / 25° / 45° / 60° / 90° / 130° / 135° / 120° x 50° / 135°x50°	
True White	CRI 70	36000 lm
Natural White	CRI 70	32000 lm
Warm White	CRI 80	27000 lm
	CRI 92	21500 lm

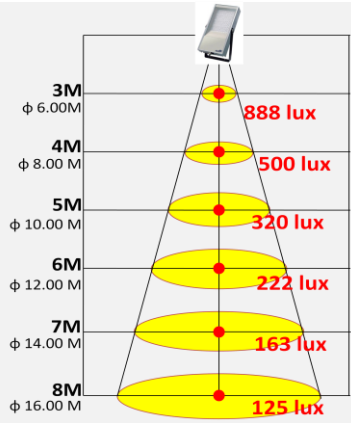
※All Chipset Luminous Flux Data are indicated in max values.

Illuminance at Distance

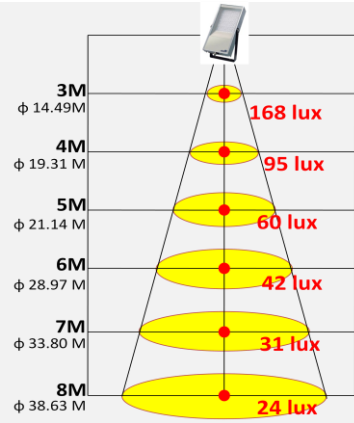


Illuminance at Distance

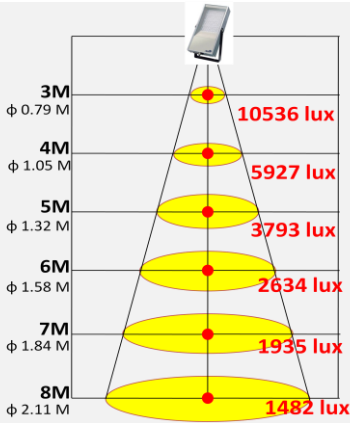
CREE XT-E -285W-90D WW 2200K



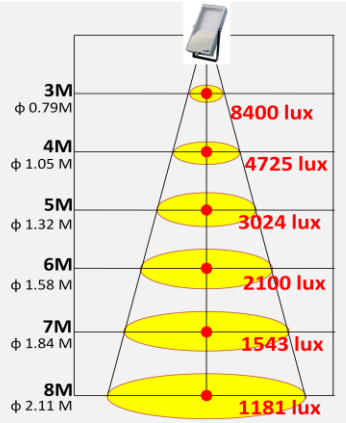
CREE XT-E -285W-135D WW 2200K



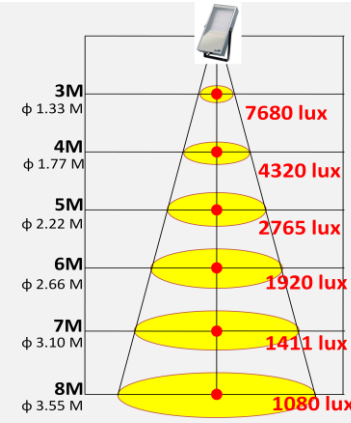
OSRAM Square -285W-15D TW



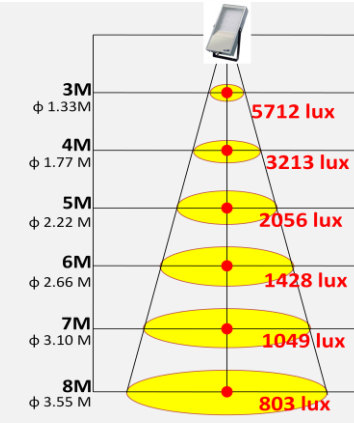
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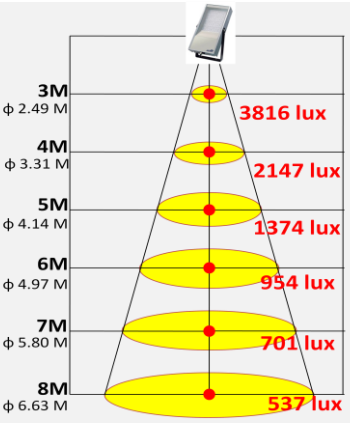
OSRAM Square -285W-25D TW



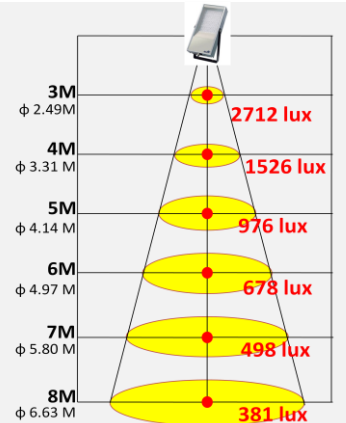
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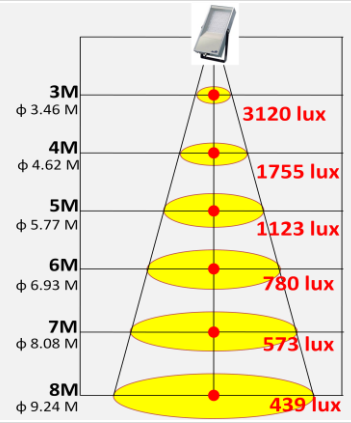
OSRAM Square -285W-45D TW



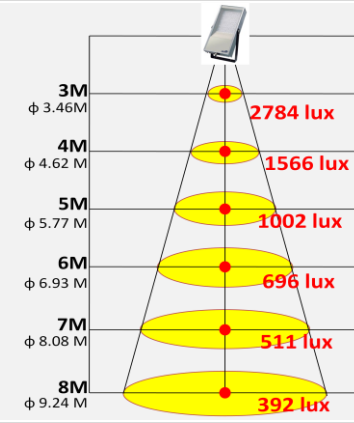
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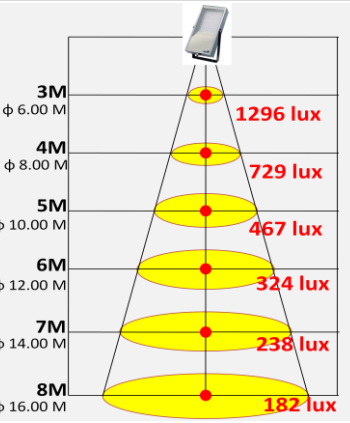
OSRAM Square -285W-60D TW



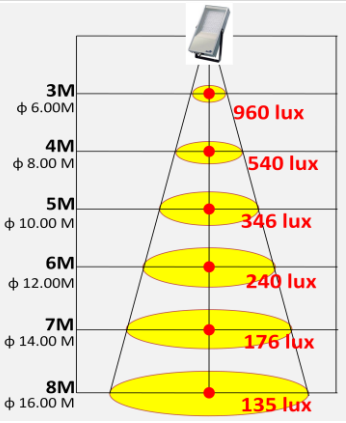
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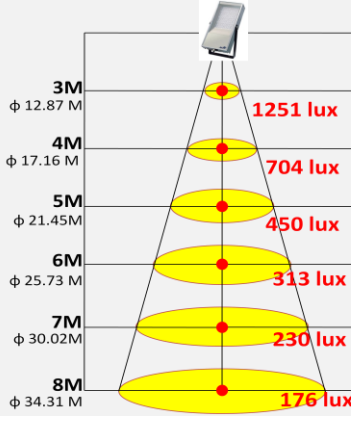
OSRAM Square -285W-90D TW



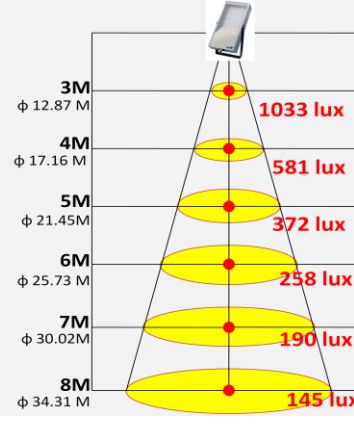
OSRAM Square -285W-90D WW



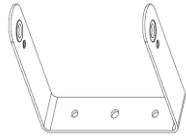


CREE XPL -285W-130D TW



CREE XPL -285W-130D WW

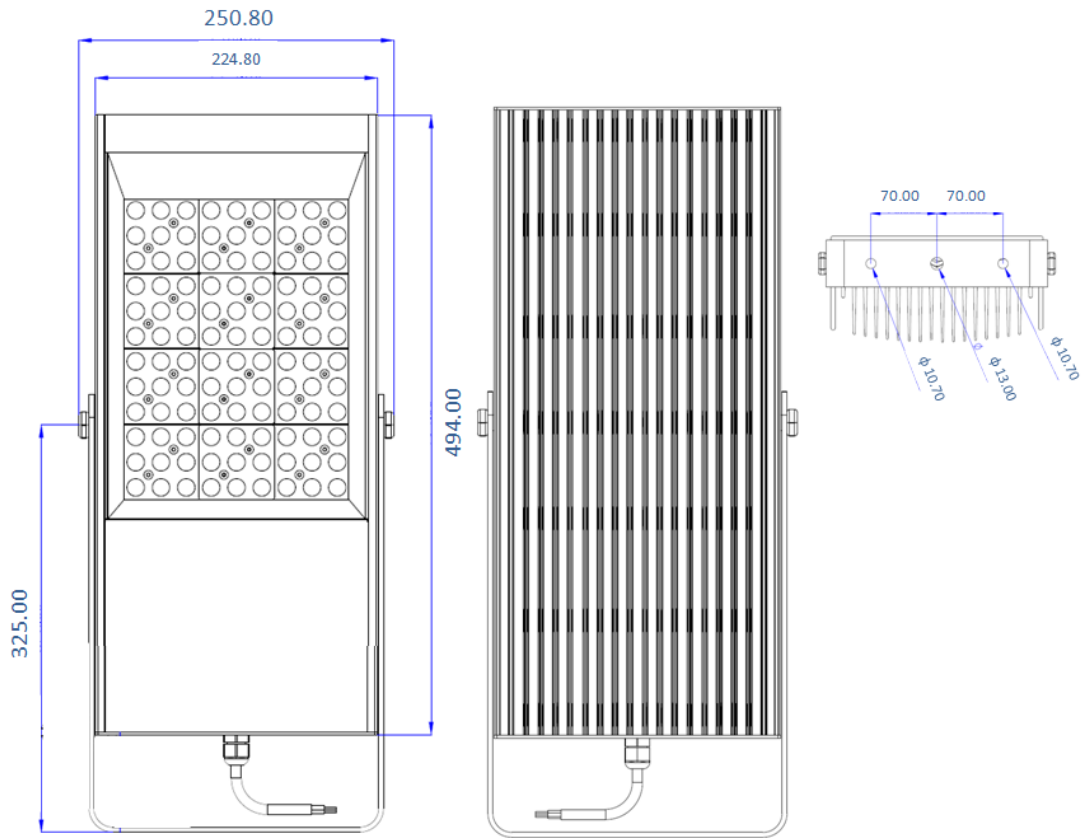


Accessories

Category	Model Name	Photo
Stainless steel	Stainless steel Stand	
SPD	Surge Protective Device (SPD) 20KV (External / Internal Optional)	
	Surge Protective Device (SPD) 40KV (External)	-
Adapter	Waterproof Cable Adapter	

Mechanical Dimensions

F04t300



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