

Street Light



ALTLed®

Lodestar Series

T500 Pre_Spec

Product Introduction

Used in the past as a guide to navigators, Lodestar is a bright, eternal and easily found star. ALT's Lodestar is the most efficient, and bright street light in the LED industry as what people are expecting to the stars. Possessing a high stability lighting due to its unique current fluctuation protection, our Street Lights can be placed in the harshest conditions. With a CRI of 80, Lodestar Series provides high brightness and at the same time a much improved night vision to increase pedestrian and vehicle safety. Once a traditional street light is replaced for a Lodestar Street Light, your operating and maintenance costs will be reduced up to 60% dramatically. In addition, the light of our Street Lights can be easily directed, avoiding sending light in a directions to prevent from energy wasting. Beautiful, cost-saving, and with an incredible long life-span, Lodestar Series is perfect to be a shining star in your street.

Certificates



Features

- ✓ IP68 waterproof standard.
- ✓ Integration of a patented aerospace structural design ensures optimal cooling.
- ✓ Original high-power LED chips.
- ✓ CRI 80 high-brightness.

Application

- ✓ Street Lighting.
- ✓ Parking Applications.



Specifications

Item	Specification	Details
Output	Beam Angle	15° / 20° / 25° / 30° / 45° / 60° / 90°
		Type I, Short 120° x 50°
		Type I, Medium 135° x 50°
		Type II, Short 130°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours
	Input Voltage	100 ~ 277V AC
Electrical	Power Consumption	485 Watts (External driver)
	Power Factor	≥0.9
	Weight	16kg (500 Watts)
Physical	Lens	Optics PMMA
	Operating Temperature	-40° F to 121° F (-40°C to 50°C)
	Humidity	0 – 95%, non-condensing
	Certifications	CE, RoHs, Laser
Certification and Safety	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	2150K	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

Lamp Luminous Flux

100 ~ 277V AC

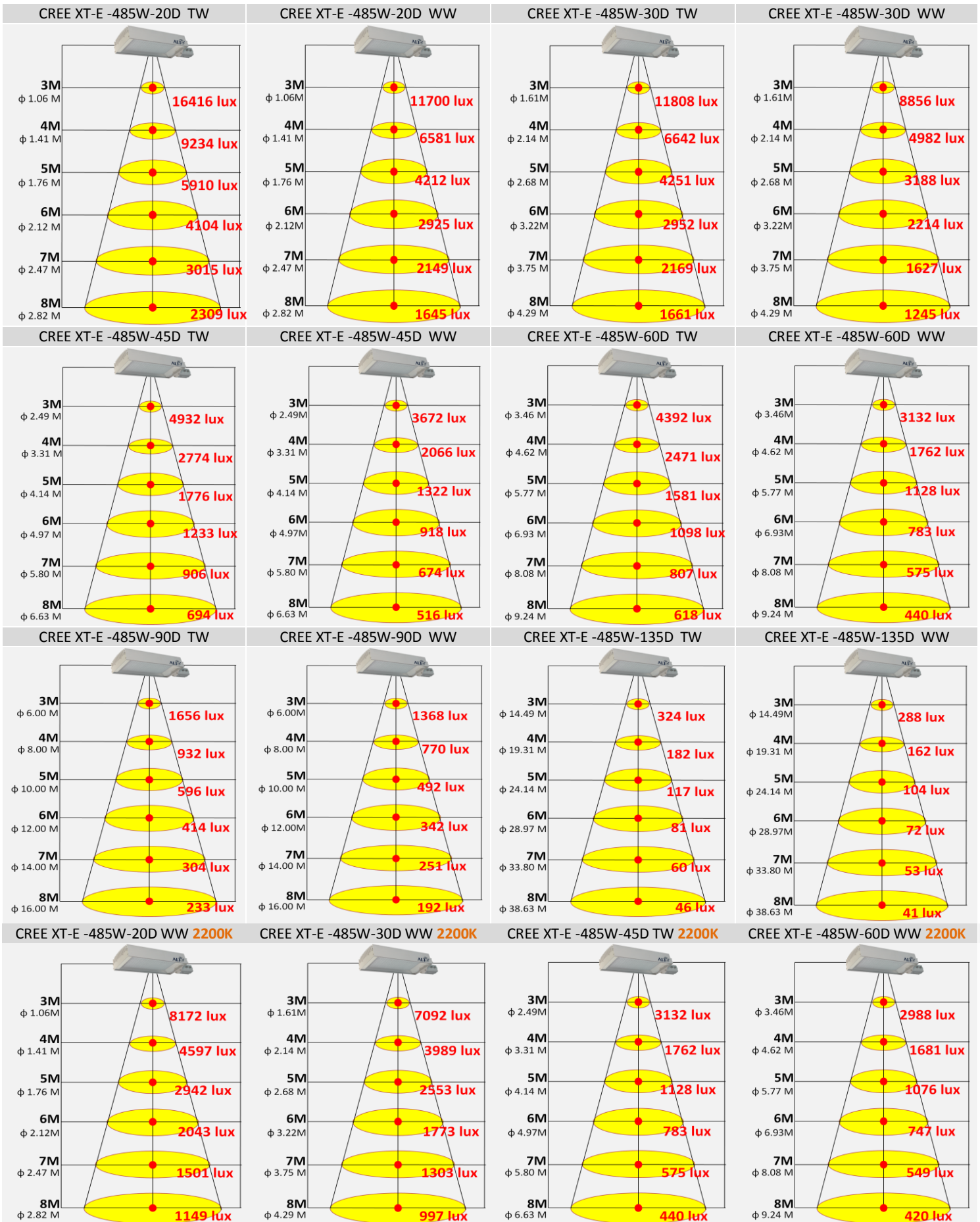
Chipsets	CREE XT-E	
Power Consumption	485 W	
Beam Angle	20° / 30° / 45° / 60° / 90° / 130° / 120°x50° / 135°x50°	
True White	CRI 70	39500 lm
Natural White	CRI 80	36000 lm
Warm White	CRI 80	30000 lm
	CRI 90	24000 lm

Chipsets	OSRAM Square	
Power Consumption	485 W	
Beam Angle	15° / 25° / 45° / 60° / 90° / 130° / 135° / 120° x 50° / 135°x50°	
True White	CRI 70	42000 lm
Natural White	CRI 70	38500 lm
Warm White	CRI 80	31500 lm
	CRI 92	25200 lm (2400K) 25200 lm

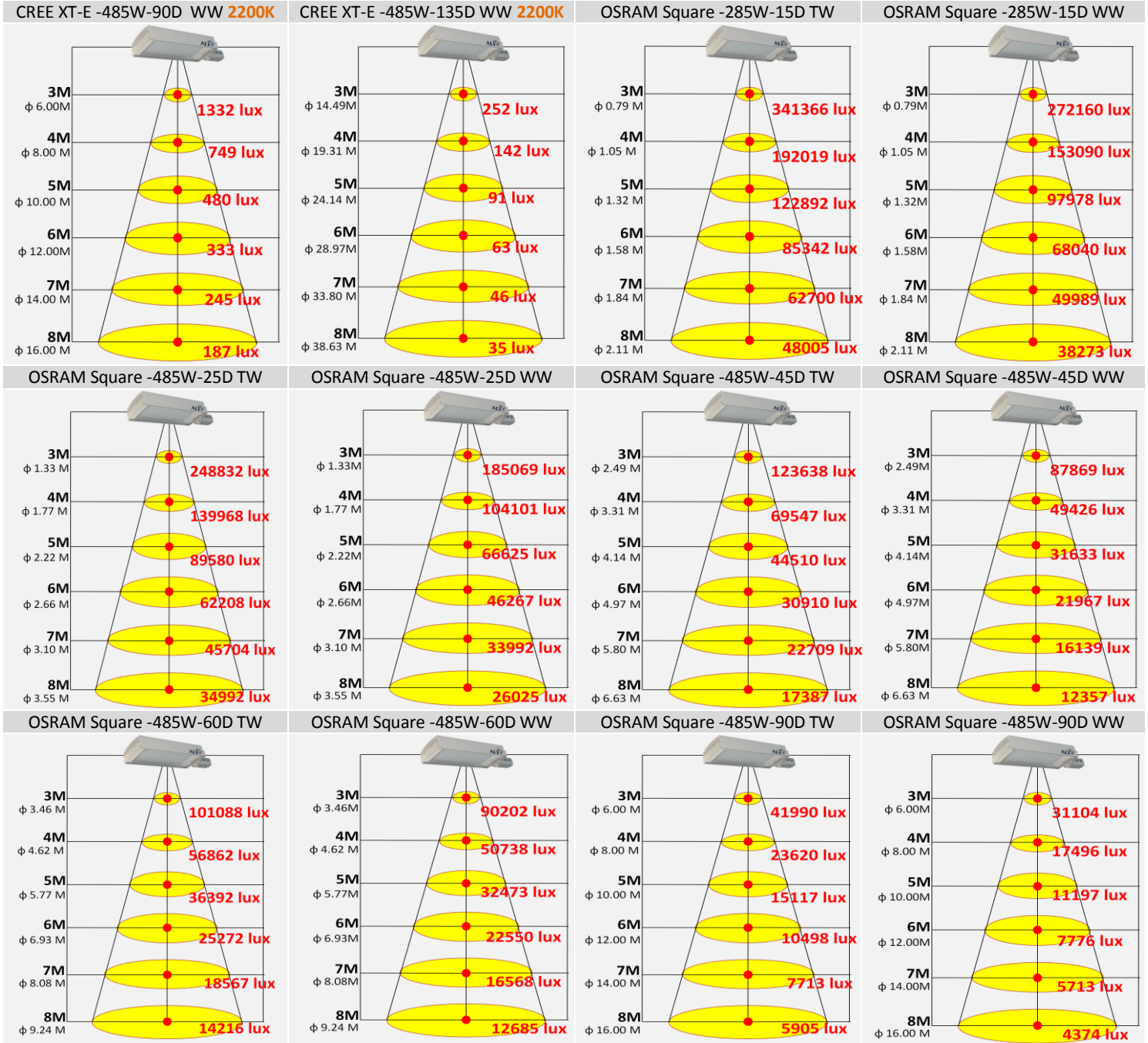
Chipsets	CREE XP-L	
Power Consumption	485 W	
Beam Angle	130°	
True White	CRI 65	50000 lm
Natural White	CRI 75	45500 lm
Warm White	CRI 80	41200 lm

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

Illuminance at Distance



Illuminance at Distance



Mechanical Dimensions

