

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 all 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° Type V, Medium 135°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours
Electrical	Input Voltage	100 ~ 277V AC
	Power Consumption	485 Watts (External driver)
	Power Factor	≥0.9
Physical	Weight	16kg (485 Watts)
	Lens	Optics PMMA
	Operating Temperature	-40° F to 121° F (-40°C to 50°C)
Certification and Safety	Humidity	0 – 95%, non-condensing
	Certifications	CE, RoHs, Laser
	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	2100K	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 ~ 277V AC

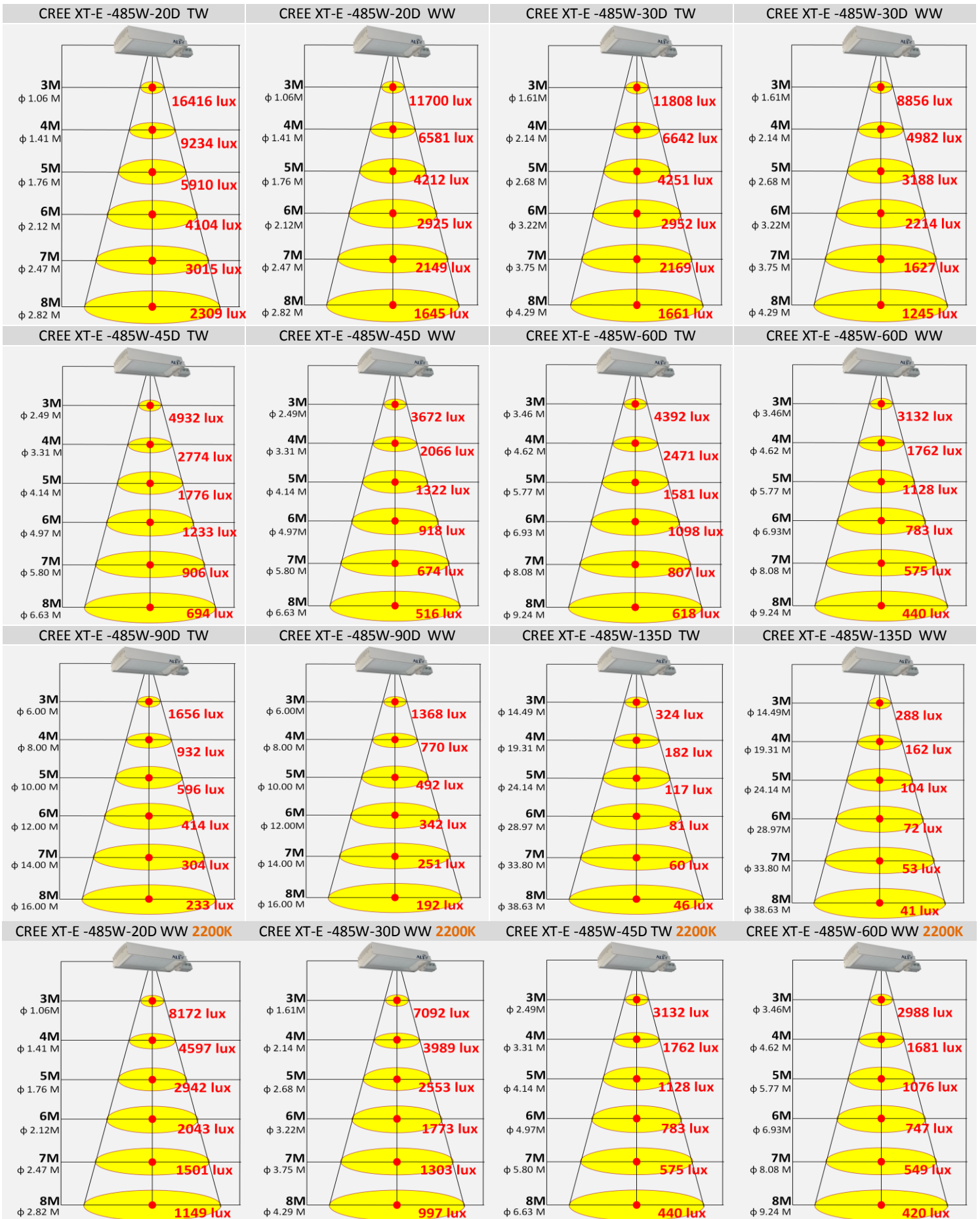
Chipsets	CREE XT-E
Power Consumption	485W
Beam Angle	20° / 30° / 45° / 60° / 90° / 130° / 120°x50° / 135°x50°
True White	CRI 70 58000 lm
Natural White	CRI 80 50500 lm
Warm White	CRI 80 41500 lm CRI 90 33200 lm

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 60000 lm
Natural White	CRI 70 54000 lm
Warm White	CRI 80 43500 lm CRI 80 34800 lm (2400K) CRI 92 34800 lm

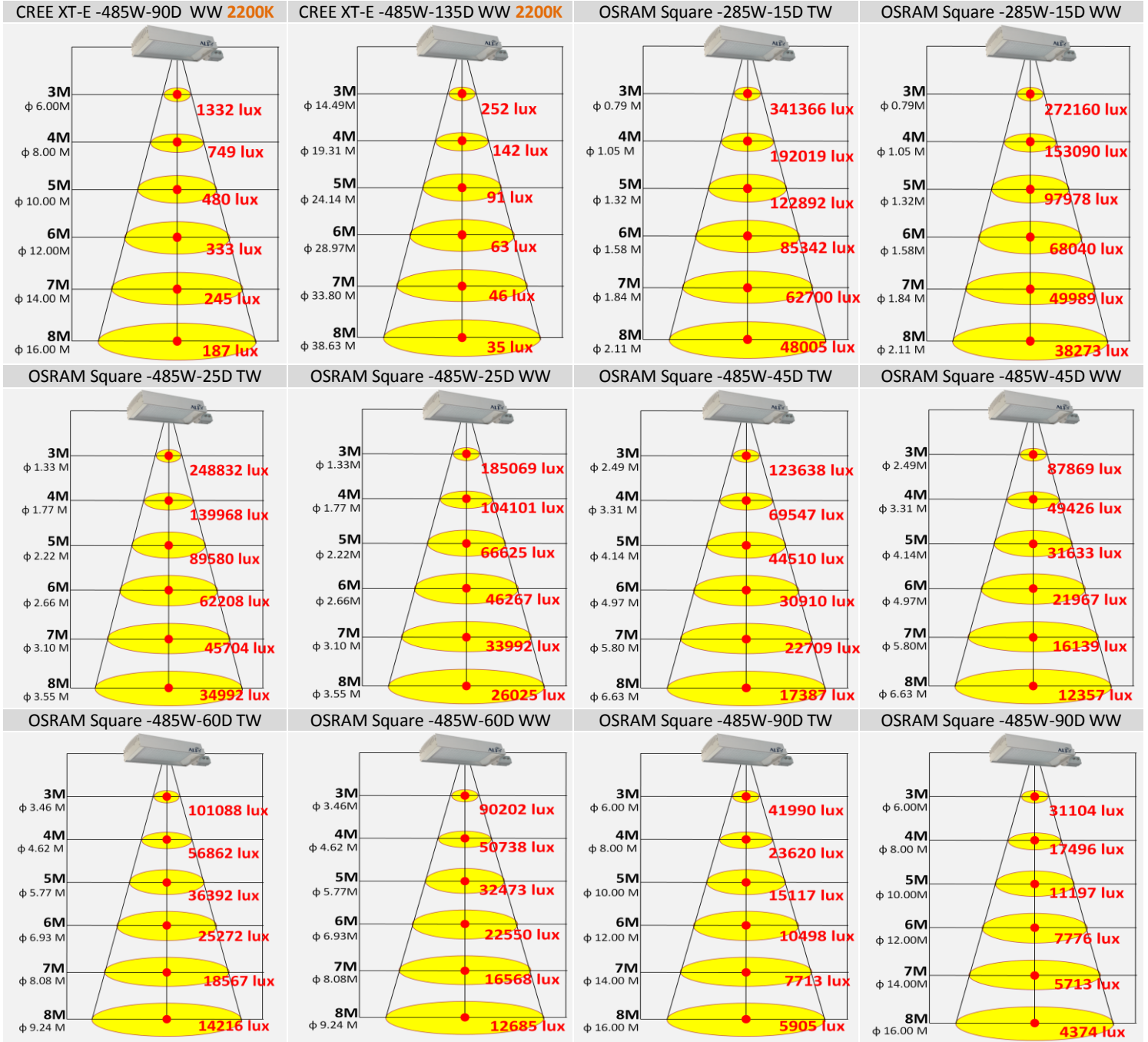
Chipsets	CREE XP-L
Power Consumption	485 W
Beam Angle	130°
True White	CRI 65 66500 lm
Natural White	CRI 75 61000 lm
Warm White	CRI 80 55000 lm

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

Illuminance at Distance



Illuminance at Distance



Mechanical Dimensions

