

# PHILIPS

## Lighting



# Tango XL LED Floodlight BVP485

## BVP485 LED485 CW FLNB PSU SPD GR

Tango XL is a versatile and elegant design innovative floodlight with best in class energy efficiency. Ease of maintenance with integrated optics makes it unique and differentiated from others. Tango XL uses High efficacy driver and LED platform to ensure higher energy saving and reliable operation over committed lifetime. Smartbright LED Luminaire is a solid ADC12 alloy Pressure die-cast IK 08 rated housing, ensuring high strength and safety on the pole. The solid die-cast aluminum also has excellent heat dissipation, extending the life of the components inside. The multiple lumen packs and optics makes it optimum for the different area lighting application.

### Warnings and Safety

- Meant for use in Outdoor environment only

### Product data

#### General Information

Driver included	Yes
Light source engine type	LED

#### Light Technical

Luminous Flux	48,500 lumen
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>70
Beam angle of light source	10 degree(s)
Light source color	757 cool white
Optical cover/lens type	Polycarbonate
Luminaire light beam spread	2° x 10°

Optic type outdoor	Narrow beam angle 10°
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#### Operating and Electrical

Input Voltage	120 to 277 V
Line Frequency	50 Hz
Input Frequency	50 Hz
Power Consumption	400 W
Power Factor (Fraction)	0.95

#### Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming	
Dimmable	No
Control interface	Analog
Mechanical and Housing	
Housing Material	Aluminum Alloy
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Housing Color	Gray
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Material	Aluminum
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

Flammability mark	For mounting on normally flammable surfaces
Warranty period	5 years

## Initial Performance (IEC Compliant)

Power consumption tolerance	+/-10%
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## Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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## Product Data

Order product name	BVP485 LED485 CW FLNB PSU SPD GR
Order code	919515813809
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	919515813809
Full product name	BVP485 LED485 CW FLNB PSU SPD GR



## Dimensional drawing

