# **PHILIPS** Lighting



# Tango XL LED Floodlight BVP485

## BVP485 LED560 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		Light source engine type
Beam angle of light source	10 °	
Light source color	757 cool white	<b>Operating and Electrical</b>
Driver included	Yes	Input Voltage
Optical cover/lens type	Polycarbonate	Input Frequency
Luminaire light beam spread	2° x 10°	Power Factor (Min)
Control interface	Analog	
Protection class IEC	Safety class I	Controls and Dimming
Flammability mark	For mounting on normally flammable surfaces	Dimmable
Warranty period	5 years	
Material	Aluminum	Mechanical and Housing
Optic type outdoor	Narrow beam angle 10°	Housing Material
		Outline material

Light source engine type	LED
Operating and Electrical	
Input Voltage	120 to 277 V
Input Frequency	50 Hz
Power Factor (Min)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum Alloy
Optic material	Polycarbonate

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Optical cover/lens material	Polycarbonate
Mounting device	Via U Shaped Bracket, Aiming Scale Angle,
	Universal Installation
Color	Gray
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
Initial Performance (IEC Compliant	t)
Initial luminous flux (system flux)	56000 lm
Initial LED luminaire efficacy	120 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial input power	469 W

+/-10%

Over Time Performance (IEC Compliant)		
Median useful life L70B50	50000 h	
Application Conditions		
Ambient temperature range	0 to +35 °C	
Product Data		
Order product name	BVP485 LED560 CW FLNB PSU SPD GR	
Order code	919515813805	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material Nr. (12NC)	919515813805	
Net Weight (Piece)	12.000 kg	

#### Dimensional drawing

Power consumption tolerance



**Outdoor Luminaires** 



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