



# **Robust Design, superior performance, Unparallel strength and Durability with Superior aesthetics suitable for versatile area lighting applications**

## **Tango XL LED Floodlight BVP485**

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.

# Tango XL LED Floodlight BVP485

## Benefits

- 1:1 retrofit / HID replacement
- Outstanding energy efficiency
- Designed to meet the needs of various application areas
- Elegant and unobtrusive design
- Efficient LED thermal design
- Robust and durable
- Easy to install

## Features

- HID lamp replacement for 2x400W Solution. Reduces energy consumption by up to 50% versus conventional HID static light.
- Enables you to choose the exact lighting level you want, thanks to a wide range of LED boards and drivers
- High Pressure Die Cast aluminum material, with Integrated optics
- Multiple control options ensuring efficiency increase with connected Lighting
- Higher system efficiency up to 120 lm/W
- High Cut @ 325 ± 15V & Auto Restart
- 440V Protection for 8 Hrs. (Phase to Phase)
- Future Proof Drivers (Comes with 1-10V Dimming)
- Wide choice of new optics sets ensures maximum application coverage and provides a solution for dealing with obtrusive light. Narrow beam and Asymmetrical wide beam.
- LED configuration patterns suitable for a wide range of lighting solutions, considering compatibility with efficient optical systems to perfectly meet the required application.
- Three size for greater diversity of Lumen packages, from 37K to 56K Lumen
- Optics integration: Light and energy loss is minimized with Integrated light source arrangement inside the housing.
- Fins on the back are designed to ensure good heat dissipation; they create airflow around the housing to prevent dirt from settling on the luminaire
- IP66 level of protection against water and dust
- The 10KV/KA Surge Protection Device (SPD)
- Exposed lens to withstand shocks; its protection rating is IK08
- 1000hrs marine salt painting. Optional coatings available for extra protection in harsh environments such as salt atmospheres (harbors etc.)
- Easy to install and perfect for replacing conventional light-points as it uses the same electrical installation and poles
- Gear cover designs with Screws, which greatly help to reduce the installation and maintenance time, increase the working efficiency and good user experience.
- Coded Mains, for Perfect Play system (On request)
- SR, for Interact City (City Touch) system (On Request)

## Application

- Recreation sports lighting
- Harbor/Ports lighting
- Yard lighting
- Area lighting
- Apron Lighting
- Parking Lots
- Billboards
- Interchanges and Junctions lighting

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## Warnings and Safety

- Meant for use in Outdoor environment only

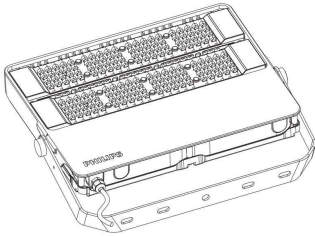
## Versions



BVP485 LED

## Dimensional drawing

Product: Tango XL LED Floodlight BVP485  
Type: BVP485  
Application: Outdoor



## Product details

BVP485 LED



BVP485 LED



# Tango XL LED Floodlight BVP485

## General Information

Driver included	Yes
<b>Light Technical</b>	
Luminaire light beam spread	2° x 10°
Color rendering index (CRI)	>70
Luminous Efficacy (rated) (Nom)	120 lm/W
Optic type outdoor	Narrow beam angle 10°

## Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Optical cover type	Polycarbonate
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP66

## Approval and Application

Ambient temperature range	0 to +35 °C
Flammability mark	For mounting on normally flammable surfaces

## Light Technical

Order Code	Full Product Name	Light source color	Correlated Color		Luminous Flux
			Temperature (Nom)		
919515813805	BVP485 LED560 CW FLNB PSU SPD GR	757 cool white	5700 K		56,000 lm
919515813809	BVP485 LED485 CW FLNB PSU SPD GR	757 cool white	5700 K		48,500 lm
919515813811	BVP485 LED427 CW FLNB PSU SPD GR	757 cool white	5700 K		42,700 lm
919515813813	BVP485 LED370 CW FLNB PSU SPD GR	757 cool white	5700 K		37,000 lm
919515813825	BVP485 LED520 WW FLNB PSU SPD GR	730 warm white	3000 K		56,000 lm
919515813829	BVP485 LED450 WW FLNB PSU SPD GR	730 warm white	3000 K		48,500 lm
919515813833	BVP485 LED345 WW FLNB PSU SPD GR	730 warm white	3000 K		37,000 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
919515813805	BVP485 LED560 CW FLNB PSU SPD GR	469 W	919515813825	BVP485 LED520 WW FLNB PSU SPD GR	469 W
919515813809	BVP485 LED485 CW FLNB PSU SPD GR	400 W	919515813829	BVP485 LED450 WW FLNB PSU SPD GR	400 W
919515813811	BVP485 LED427 CW FLNB PSU SPD GR	350 W	919515813833	BVP485 LED345 WW FLNB PSU SPD GR	300 W
919515813813	BVP485 LED370 CW FLNB PSU SPD GR	300 W			

