



# **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

## Product details

BVP485 LED



BVP485 LED



# Tango XL LED Floodlight BVP485

## Application Conditions

Ambient temperature range	0 to +35 °C
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## Approval and Application

Mech. impact protection code	CHOC
Ingress protection code	IP66
Surge Protection (Common/Differential)	Surge protection level until 10 kV

## Controls and Dimming

Dimmable	No
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## General Information

Luminaire light beam spread	2° x 10°
Optical cover/lens type	Polycarbonate
Driver included	Yes
Flammability mark	F
Optic type	Narrow beam angle 10°

## Initial Performance (IEC Compliant)

Init. Color Rendering Index	>70
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## Mechanical and Housing

Color	Gray
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## General Information

Order Code	Full Product Name	Light source color
919515813805	BVP485 LED560 CW FLNB PSU SPD GR	757 cool white
919515813807	BVP485 LED540 CW FLNB PSU SPD GR	757 cool white
919515813809	BVP485 LED485 CW FLNB PSU SPD GR	757 cool white
919515813811	BVP485 LED427 CW FLNB PSU SPD GR	757 cool white
919515813813	BVP485 LED370 CW FLNB PSU SPD GR	757 cool white
919515813825	BVP485 LED520 WW FLNB PSU SPD GR	730 warm white
919515813827	BVP485 LED500 WW FLNB PSU SPD GR	730 warm white
919515813829	BVP485 LED450 WW FLNB PSU SPD GR	730 warm white
919515813831	BVP485 LED400 WW FLNB PSU SPD GR	730 warm white
919515813833	BVP485 LED345 WW FLNB PSU SPD GR	730 warm white

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	System Power
919515813805	BVP485 LED560 CW FLNB PSU SPD GR	5700 K	56000 lm	469 W
919515813807	BVP485 LED540 CW FLNB PSU SPD GR	5700 K	54000 lm	450 W
919515813809	BVP485 LED485 CW FLNB PSU SPD GR	5700 K	48500 lm	400 W
919515813811	BVP485 LED427 CW FLNB PSU SPD GR	5700 K	42700 lm	350 W
919515813813	BVP485 LED370 CW FLNB PSU SPD GR	5700 K	37000 lm	300 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	System Power
919515813825	BVP485 LED520 WW FLNB PSU SPD GR	3000 K	56000 lm	469 W
919515813827	BVP485 LED500 WW FLNB PSU SPD GR	3000 K	54000 lm	450 W
919515813829	BVP485 LED450 WW FLNB PSU SPD GR	3000 K	48500 lm	400 W
919515813831	BVP485 LED400 WW FLNB PSU SPD GR	3000 K	42700 lm	350 W
919515813833	BVP485 LED345 WW FLNB PSU SPD GR	3000 K	37000 lm	300 W

