



# 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

# Tango XL LED Floodlight BVP485

## **Warnings and Safety**

 $\cdot$  Meant for use in Outdoor environment only

## Dimensional drawing

Product: Tango XL LED Floodlight BVP485 Type: BVP485



## **Product details**

BVP485 LED





BVP485 LED

# Tango XL LED Floodlight BVP485

Light Technical  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/ Surge protection level until 10 kV differential mode and 10 kV common mode  Controls and Dimming  Dimmable No  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	Driver included	Yes
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/ Surge protection level until 10 kV differential mode and 10 kV common mode  Controls and Dimming Dimmable No  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 O to +35 °C Flammability mark For mounting on normally		
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/ Surge protection level until 10 kV differential mode and 10 kV common mode  Controls and Dimming Dimmable No  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 O to +35 °C Flammability mark For mounting on normally	Light Technical	
Luminous Efficacy (rated) (Nom)  Optic type outdoor  Operating and Electrical  Surge Protection (Common/  Differential)  Level until 10 kV differential mode and 10 kV common mode  Controls and Dimming  Dimmable  No  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Ingress protection code  Approval and Application  Ambient temperature range  For mounting on normally	Luminaire light beam spread	2° x 10°
Optic type outdoor  Narrow beam angle 10°  Operating and Electrical  Surge Protection (Common/ Differential)  Level until 10 kV differential mode and 10 kV common mode  Controls and Dimming Dimmable  No  Mechanical and Housing Optical cover type Housing Color Housing Color Seray Mech. impact protection code Ingress protection code Ingress protection code Approval and Application Ambient temperature range For mounting on normally	Color rendering index (CRI)	>70
angle 10°  Operating and Electrical  Surge Protection (Common/ Surge protection level until 10 kV differential mode and 10 kV common mode  Controls and Dimming Dimmable No  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 O to +35 °C Flammability mark For mounting on normally	Luminous Efficacy (rated) (Nom)	120 lm/W
Operating and Electrical  Surge Protection (Common/ Surge protection Differential) level until 10 kV differential mode and 10 kV common mode  Controls and Dimming Dimmable No  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 O to +35 °C Flammability mark For mounting on normally	Optic type outdoor	Narrow beam
Surge Protection (Common/  Differential)  level until 10 kV differential mode and 10 kV common mode  Controls and Dimming Dimmable  No  Mechanical and Housing Optical cover type Housing Color Mech. impact protection code Ingress protection code Ingress protection code Approval and Application Ambient temperature range For mounting on normally		angle 10°
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Controls and Dimming Dimmable No  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 O to +35 °C Flammability mark For mounting on normally		and 10 kV
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Dimmable  No  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Ingress protection code  Approval and Application  Ambient temperature range  O to +35 °C  Flammability mark  For mounting on normally	Controls and Dimming	
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Optical cover type Polycarbonate  Housing Color Gray  Mech. impact protection code IK08 Ingress protection code IP66  Approval and Application  Ambient temperature range O to +35 °C  Flammability mark For mounting on normally	Dimmable	
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	Dimmable	NO
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Ingress protection code  Approval and Application  Ambient temperature range  O to +35 °C  Flammability mark  For mounting on normally	Mechanical and Housing	
Approval and Application  Ambient temperature range 0 to +35 °C  Flammability mark For mounting on normally	Mechanical and Housing Optical cover type	Polycarbonate
Ambient temperature range 0 to +35 °C  Flammability mark For mounting on normally	Mechanical and Housing Optical cover type Housing Color	Polycarbonate Gray
Ambient temperature range 0 to +35 °C  Flammability mark For mounting on normally	Mechanical and Housing Optical cover type Housing Color Mech. impact protection code	Polycarbonate Gray IKO8
Flammability mark For mounting on normally	Mechanical and Housing Optical cover type Housing Color Mech. impact protection code	Polycarbonate Gray IK08
normally	Mechanical and Housing Optical cover type Housing Color Mech. impact protection code	Polycarbonate Gray IK08
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flammable	Mechanical and Housing Optical cover type Housing Color Mech. impact protection code Ingress protection code Approval and Application Ambient temperature range	Polycarbonate Gray IK08 IP66  0 to +35 °C
	Mechanical and Housing Optical cover type Housing Color Mech. impact protection code Ingress protection code Approval and Application Ambient temperature range	Polycarbonate Gray IK08 IP66  0 to +35 °C For mounting on

### **Light Technical**

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

# Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515813805	BVP485 LED560 CW FLNB PSU SPD GR	469 W
919515813809	BVP485 LED485 CW FLNB PSU SPD GR	400 W
919515813811	BVP485 LED427 CW FLNB PSU SPD GR	350 W
919515813813	BVP485 LED370 CW FLNB PSU SPD GR	300 W

Order Code	Full Product Name	Power Consumption
919515813825	BVP485 LED520 WW FLNB PSU SPD GR	469 W
919515813829	BVP485 LED450 WW FLNB PSU SPD GR	400 W
919515813833	BVP485 LED345 WW FLNB PSU SPD GR	300 W



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