

PHILIPS

Lighting



Excellent area and recreational sports lighting that fits your budget

Tango LED Floodlight

The Philips Tango LED floodlighting provides a complete lighting solution for the most complex area of recreational & sports lighting applications. The floodlight comes with a single piece die cast aluminum housing with inbuilt potted driver & an external surge protection device. It reduces energy consumption, meets the highest performance standards, provides outstanding light quality, maintains uniformity and ensures safety and visual comfort. Tango LED offers a reduction in the total cost of ownership, has outstanding energy efficiency, is sleek & elegant in design, has dedicated optics for different applications such as Apron, ports and docks, and recreational sports facilities. Powered by LED technology, this luminaire delivers superior lighting performance and a longer lifetime, bringing area lighting to a whole new level. The floodlight is also compatible with other external control systems through DALI, 1-10V, and connected SR driver.

Benefits

- Offering a solution for large variety of lighting needs from Recreational Sports, Aprons, Ports/Harbor to area lighting application on Roads and streets by providing a variety of optics used in the range.
- Fast payback and low Total Cost of Ownership with energy savings and min. maintenance costs
- Higher efficacy provides better Total cost of opportunity to users
- Perfect for replacing conventional technology retaining the same electrical installation and poles
- Increase safety and comfort by good quality of light
- Reduce CO2 emissions, light pollution and create a sustainable image

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Features

- HID lamp replacement for 2x250W Solution
- 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
- 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)
- Reduces energy consumption by up to 50% versus conventional HID static light
- Wide choice of new optics such as Narrow beam, Asymmetrical medium beam, Asymmetrical wide beam, Symmetrical medium beam and Symmetrical wide beam, sets ensures maximum application coverage and provides a solution for dealing with obtrusive light
- Three size for greater diversity of Lumen packages, from 18K to 23 k lm
- LED configuration patterns suitable for a wide range of lighting solutions, considering compatibility
- with efficient optical systems to perfectly meet the required application
- 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.)
- Gear cover designs with Screws, which greatly help to reduce the installation and maintenance time, increase the working efficiency and good user experience.
- Easy to install and perfect for replacing conventional light-points as it uses the same electrical installation and poles

Application

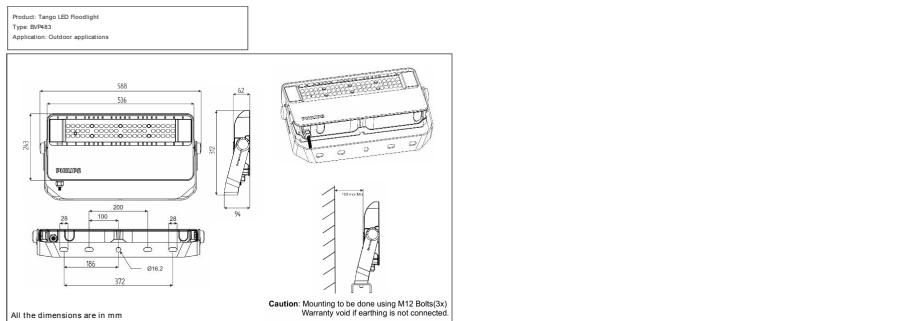
- Recreation sports lighting
- Harbor/Ports lighting
- Yard lighting
- Area lighting
- Apron Lighting
- Parking Lots
- Billboards
- Interchanges and Junctions lighting

Warnings and Safety

- Meant for Outdoor Applications.

Tango LED Floodlight

Dimensional drawing



Product details

BVP483



BVP483



BVP483



BVP483



BVP483



Tango LED Floodlight

General Information	
Driver included	Yes
Light Technical	
Light source color	857 daylight
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Luminous Efficacy (rated) (Nom)	110 lm/W
Operating and Electrical	
Surge Protection (Common/Differential)	Surge protection level until 4 kV
Controls and Dimming	
Dimmable	Yes
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	Luminaire light beam spread	Luminous Flux	Optic type outdoor
919515813016	BVP483 LED235 CW SWB PSU GR	2° x 45°	23,500 lm	Symmetrical Wide Beam angle 45°
919515813017	BVP483 LED235 CW NB PSU GR	2° x 10°	23,500 lm	Narrow beam angle 10°
919515813018	BVP483 LED235 CW AWB PSU GR	2° x 55°	23,500 lm	Asymmetrical Wide Beam angle 55°
919515813019	BVP483 LED235 CW AMB PSU GR	2° x 35°	23,500 lm	Asymmetrical Medium Beam angle 35°
919515813020	BVP483 LED235 CW SMB PSU GR	2° x 30°	23,500 lm	Symmetrical Medium Beam angle 30°
919515813021	BVP483 LED210 CW SWB PSU GR	2° x 45°	21,000 lm	Symmetrical Wide Beam angle 45°
919515813022	BVP483 LED210 CW NB PSU GR	2° x 10°	21,000 lm	Narrow beam angle 10°
919515813025	BVP483 LED210 CW SMB PSU GR	2° x 30°	21,000 lm	Symmetrical Medium Beam angle 30°
919515813026	BVP483 LED185 CW SWB PSU GR	2° x 45°	18,500 lm	Symmetrical Wide Beam angle 45°
919515813027	BVP483 LED185 CW NB PSU GR	2° x 10°	18,500 lm	Narrow beam angle 10°
919515813028	BVP483 LED185 CW AWB PSU GR	2° x 55°	18,500 lm	Asymmetrical Wide Beam angle 55°
919515813030	BVP483 LED185 CW SMB PSU GR	2° x 30°	18,500 lm	Symmetrical Medium Beam angle 30°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515813016	BVP483 LED235 CW SWB PSU GR	195 W
919515813017	BVP483 LED235 CW NB PSU GR	195 W
919515813018	BVP483 LED235 CW AWB PSU GR	195 W
919515813019	BVP483 LED235 CW AMB PSU GR	195 W
919515813020	BVP483 LED235 CW SMB PSU GR	195 W
919515813021	BVP483 LED210 CW SWB PSU GR	175 W

Order Code	Full Product Name	Power Consumption
919515813022	BVP483 LED210 CW NB PSU GR	175 W
919515813025	BVP483 LED210 CW SMB PSU GR	175 W
919515813026	BVP483 LED185 CW SWB PSU GR	155 W
919515813027	BVP483 LED185 CW NB PSU GR	155 W
919515813028	BVP483 LED185 CW AWB PSU GR	155 W
919515813030	BVP483 LED185 CW SMB PSU GR	155 W

