



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

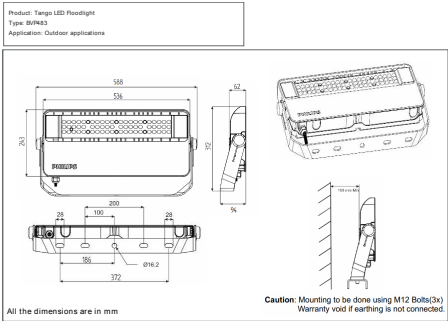
- Recreation sports lighting
- Harbor/Ports lighting
- Yard lighting
- Area lighting
- Apron Lighting
- Parking Lots
- Billboards
- Interchanges and Junctions lighting

Warnings and Safety

- Meant for Outdoor Applications.

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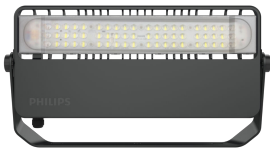
Dimensional drawing



Product details



BVP483



BVP483



BVP483



BVP483



BVP483

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General Information

Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Light source color	857 daylight
Correlated Color Temperature (Nom)	5700 K
Optical cover type	Polycarbonate
Color rendering index (CRI)	>70
Luminous Efficacy (rated) (Nom)	110 lm/W

Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Color	Gray
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Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/Differential)	Surge protection level until 4 kV

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°
919515813024	BVP483 LED210 CW AMB PSU GR	2° x 35°	21,000 lm	Asymmetrical Medium Beam angle 35°
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°
919515813029	BVP483 LED185 CW AMB PSU GR	2° x 35°	18,500 lm	Asymmetrical Medium Beam angle 35°
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	Order Code	Full Product Name	Power Consumption
919515813016	BVP483 LED235 CW SWB PSU GR	195 W	919515813024	BVP483 LED210 CW AMB PSU GR	175 W
919515813017	BVP483 LED235 CW NB PSU GR	195 W	919515813025	BVP483 LED210 CW SMB PSU GR	175 W
919515813018	BVP483 LED235 CW AWB PSU GR	195 W	919515813026	BVP483 LED185 CW SWB PSU GR	155 W
919515813019	BVP483 LED235 CW AMB PSU GR	195 W	919515813027	BVP483 LED185 CW NB PSU GR	155 W
919515813020	BVP483 LED235 CW SMB PSU GR	195 W	919515813028	BVP483 LED185 CW AWB PSU GR	155 W
919515813021	BVP483 LED210 CW SWB PSU GR	175 W	919515813029	BVP483 LED185 CW AMB PSU GR	155 W
919515813022	BVP483 LED210 CW NB PSU GR	175 W	919515813030	BVP483 LED185 CW SMB PSU GR	155 W

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