

Tango LED Floodlight

BVP483 LED235 CW SMB PSU GR

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.

Warnings and Safety

- Meant for Outdoor Applications.

Product data

General Information	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Flammability mark	For mounting on normally flammable surfaces

Light Technical	
Luminous Flux	23,500 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	>70
Beam angle of light source	30 degree(s)

Light source color	857 daylight
Optical cover type	Polycarbonate
Luminaire light beam spread	2° x 30°
Optic type outdoor	Symmetrical Medium Beam angle 30°

Operating and Electrical	
Input Voltage	120 to 277 V
Line Frequency	50 Hz
Power Consumption	195 W
Power Factor (Fraction)	0.95

Tango LED Floodlight

Temperature	
Ambient temperature range	0 to +35 °C

Controls and Dimming	
Dimmable	Yes
Control interface	Analog

Mechanical and Housing	
Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Material	Aluminum

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

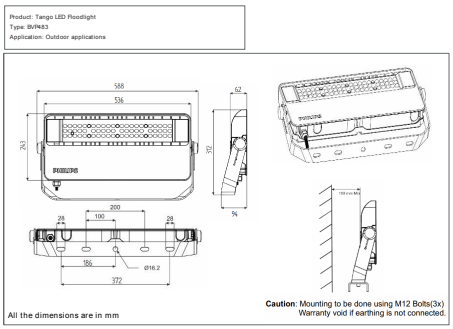
Surge Protection (Common/Differential)	Surge protection level until 4 kV
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)	
Initial chromaticity	<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)

Product Data	
Order product name	BVP483 LED235 CW SMB PSU GR
Full product name	BVP483 LED235 CW SMB PSU GR
Order code	919515813020
Material Nr. (12NC)	919515813020
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.