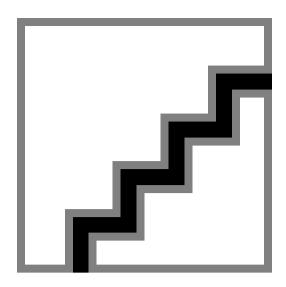
PHILIPS Lighting



Tango G2 LED

BVP282 LED202/CW 160W 220-240V SMB

Tango G2 LED, 20200 lm, 160 W, Cool white, Symmetrical medium beam, 54°, Safety class I, Mounting bracket adjustable

Tango G2 LED is a general purpose LED flood lighting luminiare for various lighting applications, such as area lighting, bill-board, façade, industry area, recreational sports and other general applications. The Tango G2 LED flood light incorporates LED light source, optical system, heat sink and driver into one compact housing. Its specially designed heat sink incorporates aesthetics and functionality to ensure reliability and long lifetime. Tango G2 LED takes advantage of LED technology which provides energy savings and a longer lifetime, bringing area lighting into a new era.

Product data

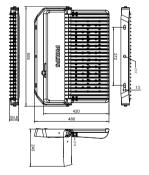
General Information	
Lamp family code	-
Light source replaceable	Yes
Number of gear units	-
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	No
Light Technical	
Luminous Flux	20,200 lm
Standard tilt angle posttop	-

Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	5700 K	
Luminous Efficacy (rated) (Nom)	125 lm/W	
Color rendering index (CRI)	70	
Light source color	Cool white	
Optical cover type	Polycarbonate micro lens optic	
Luminaire light beam spread	54°	
Optic type outdoor	Symmetrical medium beam	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Initial CLO power consumption	- W	
Average CLO power consumption	- W	
End CLO power consumption	- W	
Power Consumption	160 W	

Tango G2 LED

Power Factor (Fraction)	0.95	Effective projected area	0.25 m²
Connection	Flying leads/wires	Dimensions (Height x Width x Depth)	60 x 480 x 655 mm
Cable	Cable 1.5 m without plug		
Number of products on MCB of 16 A type B -		Approval and Application	
		Ingress protection code	IP65 [Dust penetration-protected, jet-proo
Temperature		Mech. impact protection code	IK07 [2 J reinforced]
Ambient temperature range	-40 to +50 °C	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
			differential mode and 10 kV common mode
Controls and Dimming		Protection class IEC	Safety class I
Dimmable	No		
Driver/power unit/transformer	Power supply unit (On/Off)	Initial Performance (IEC Compliant)	
Control interface	-	Luminous flux tolerance	+/-10%
Constant light output	No	Initial chromaticity	SDCM<=7
		Power consumption tolerance	+/-10%
Mechanical and Housing			
Housing Material	Aluminum die cast	Product Data	
Reflector material	-	Order product name	BVP282 LED202/CW 160W 220-240V SMB
Optic material	Polycarbonate	Full product name	BVP282 LED202/CW 160W 220-240V SMB
Optical cover material	Polycarbonate	Full product code	872016972985800
Fixation material	Steel	Order code	72985800
Housing Color	Aluminum and gray	Material Nr. (12NC)	911401663404
Mounting device	Mounting bracket adjustable	Numerator - Quantity Per Pack	1
Optical cover shape	-	EAN/UPC - Product/Case	8720169729858
Optical cover finish	Frosted	Numerator - Packs per outer box	1
Overall length	655 mm	EAN/UPC - Case	8720169729858
Overall width	480 mm		
Overall height	60 mm		

Dimensional drawing



Tango G2 LED



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www.lighting.philips.com 2023, May 1 - data subject to change