Tango G2 LED

BVP281 LED101/CW 80W 220-240V SMB

Tango G2 LED, 10100 lm, 80 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	10,100 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	80 W

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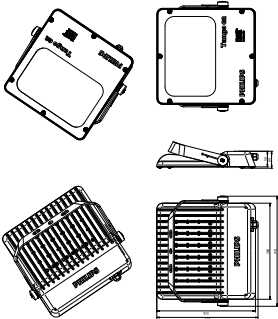|				
Power Factor (Fraction)	0.95		**Effective projected area**	0.133 m²
Connection	Flying leads/wires		**Dimensions (Height x Width x Depth)**	60 x 454 x 412 mm
Cable	Cable 1.5 m without plug			
Number of products on MCB of 16 A type B	–		**Approval and Application**	
			Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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
			Protection class IEC	Safety class I
Controls and Dimming				
Dimmable	No		**Initial Performance (IEC Compliant)**	
Driver/power unit/transformer	Power supply unit (On/Off)		**Luminous flux tolerance**	+/-10%
Control interface	–		**Initial chromaticity**	SDCM<=7
Constant light output	No		**Power consumption tolerance**	+/-10%
Mechanical and Housing			**Product Data**	
Housing Material	Aluminum die cast		**Order product name**	BVP281 LED101/CW 80W 220-240V SMB
Reflector material	–		**Full product name**	BVP281 LED101/CW 80W 220-240V SMB
Optic material	Polycarbonate		**Full product code**	872016972999500
Optical cover material	Polycarbonate		**Order code**	911401661804
Fixation material	Steel		**Material Nr. (12NC)**	911401661804
Housing Color	Aluminum and gray		**Numerator – Quantity Per Pack**	1
Mounting device	Mounting bracket adjustable		**EAN/UPC – Product/Case**	8720169729995
Optical cover shape	–		**Numerator – Packs per outer box**	1
Optical cover finish	Frosted		**EAN/UPC – Case**	8720169729995
Overall length	412 mm			
Overall width	454 mm			
Overall height	60 mm			

Dimensional drawing

2023, May 16 – data subject to change

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