



Tango G2 LED

BVP281 LED101/CW 80W 220-240V AMB

Tango G2 LED is a general purpose LED flood lighting luminaire 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	-
Lamp colour code	Cool white
Light source replaceable	Yes
Number of gear units	-
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	PC-MLO [Polycarbonate micro lens optic]
Luminaire light beam spread	100° x 30°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug (C1K5)
Protection class IEC	Safety class I (I)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type outdoor	Asymmetrical medium beam

Constant light output	No
Number of products on MCB (16 A type B)	-
EU RoHS compliant	No
LED engine type	LED
Serviceability class	-
Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Operating and Electrical	
Input Voltage	220-240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Power factor (min.)	0.95

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	-
Optical cover/lens finish	Frosted
Overall length	412 mm
Overall width	454 mm
Overall height	60 mm
Effective projected area	0.133 m ²
Colour	Aluminium and Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge protection (common/differential)	Surge protection level until 10 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10100 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Lamp colour temperature	5700 K
Colour Rendering Index	70
Initial chromaticity	SDCM<=7
Initial input power	80 W
Power consumption tolerance	+/-10%

Application Conditions

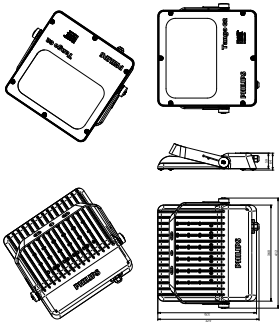
Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	911401660704
Order product name	BVP281 LED101/CW 80W 220-240V AMB
Order code	911401660704
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	911401660704
SAP net weight (piece)	6.499 kg



Dimensional drawing



BVP281-BVP284 Tango LED gen2

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