



Tango G2 LED

BVP281 LED101/NW 80W 220-240V SWB

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	-	Constant light output	No
Lamp colour code	Neutral white	Number of products on MCB (16 A type B)	-
Light source replaceable	Yes	EU RoHS compliant	No
Number of gear units	-	Light source engine type	LED
Driver/power unit/transformer	PSU [Power supply unit]	Serviceability class	-
Driver included	Yes	Light Technical	
Optical cover/lens type	PC-MLO [Polycarbonate micro lens optic]	Standard tilt angle post-top	-
Luminaire light beam spread	100°	Standard tilt angle side entry	-
Control interface	-	Operating and Electrical	
Connection	Flying leads/wires	Input Voltage	220-240 V
Cable	Cable 1.5 m without plug (C1K5)	Input frequency	50 or 60 Hz
Protection class IEC	Safety class I (I)	Initial CLO power consumption	- W
Flammability mark	NO [-]	Average CLO power consumption	- W
CE mark	CE mark	End CLO power consumption	- W
ENEC mark	-	Power factor (min.)	0.95
Warranty period	3 years		
Optic type outdoor	Symmetrical wide beam		

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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	10100 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	70
Initial chromaticity	SDCM<=7
Initial input power	80 W
Power consumption tolerance	+/-10%

Application Conditions

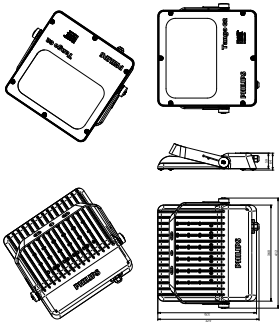
Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	911401662304
Order product name	BVP281 LED101/NW 80W 220-240V SWB
Order code	911401662304
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401662304
SAP net weight (piece)	6.499 kg



Dimensional drawing



BVP281-BVP284 Tango LED gen2

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