



# Tango G2 LED

## BVP281 LED101/CW 80W 220-240V SMB

10100 lm - 80 W - 5700 K

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		Light Technical	
Lamp family code	-	Constant light output	No
Lamp colour code	Cool 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	Power supply unit	Serviceability class	-
Driver included	Yes	<b>Operating and Electrical</b>	
Optical cover/lens type	Polycarbonate micro lens optic	Input Voltage	220-240 V
Luminaire light beam spread	54°	Input frequency	50 or 60 Hz
Control interface	-	Initial CLO power consumption	- W
Connection	Flying leads/cables	Average CLO power consumption	- W
Cable	Cable 1.5 m without plug	End CLO power consumption	- W
Protection class IEC	Safety class I	Power factor (min.)	0.95
Flammability mark	-		
CE mark	CE mark		
ENEC mark	-		
Warranty period	3 years		
Optic type outdoor	Symmetrical medium beam		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	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 <sup>2</sup>
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)	Luminaire surge protection level up to 10 kV differential mode and 10 kV common mode

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10100 lm
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

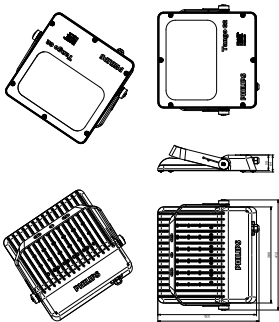
Ambient temperature range	-40 to +50 °C
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## Product Data

Full product code	911401661804
Order product name	BVP281 LED101/CW 80W 220-240V SMB
Order code	911401661804
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401661804
SAP net weight (piece)	6.499 kg



## Dimensional drawing



BVP281-BVP284 Tango LED gen2

