



# 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		Light Technical	
Lamp family code	-	Constant light output	No
Lamp colour code	Cool white	Number of products on MCB	-
Light source replaceable	Yes	RoHS mark	-
Number of gear units	-	LED engine type	LED
Driver/power unit/transformer	PSU [ Power supply unit]	<b>Operating and Electrical</b>	
Driver included	Yes	Input voltage	220-240 V
Optical cover/lens type	PC-MLO [ Polycarbonate micro lens optic]	Input frequency	50 or 60 Hz
Luminaire light beam spread	100° x 30°	Initial CLO power consumption	- W
Control interface	-	Average CLO power consumption	- W
Connection	Flying leads/wires	End CLO power consumption	- W
Cable	Cable 1.5 m without plug (C1K5)	Power factor (min.)	0.95
Protection class IEC	Safety class I (I)		
Flammability mark	NO [-]		
CE mark	CE mark		
ENEC mark	-		
Warranty period	3 years		
Outdoor optic type	Asymmetrical medium beam		

# Tango G2 LED

## 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 <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)	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	5700 K
Colour Rendering Index	70
Initial chromaticity	SDCM<=7
Initial input power	80 W
Power consumption tolerance	+/-10%

## Application Conditions

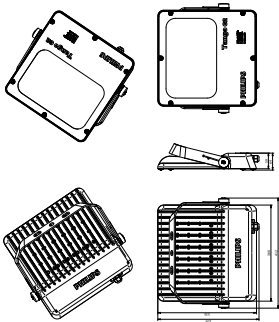
Ambient temperature range	-40 to +50 °C
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## Product Data

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



## Dimensional drawing



BVP281-BVP284 Tango LED gen2

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