



Tango G2 LED

BVP283 LED280/NW 280W 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		Input Frequency	
Light source color	740 neutral white	Input Frequency	50 or 60 Hz
Light source replaceable	Yes	Power Factor (Min)	0.95
Driver/power unit/transformer	Power supply unit	Controls and Dimming	
Driver included	Yes	Dimmable	No
Optical cover/lens type	Glass	Mechanical and Housing	
Luminaire light beam spread	30° x 80°	Housing Material	Aluminum die cast
Control interface	-	Optic material	Polymethyl methacrylate
Connection	Flying leads/wires	Optical cover/lens material	Polycarbonate
Cable	Cable 1.5 m without plug	Fixation material	Steel
Protection class IEC	Safety class I	Mounting device	Mounting bracket adjustable
CE mark	CE mark	Optical cover/lens shape	Flat
Warranty period	3 years	Overall length	480 mm
Optic type outdoor	Symmetrical wide beam	Overall width	655 mm
Constant light output	No	Overall height	60 mm
Spare parts available	Yes	Effective projected area	0.25 m ²
Light source engine type	LED	Color	Aluminum and gray
Operating and Electrical			
Input Voltage	220-240 V		

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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 until 10 kV differential mode and 10 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	28000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	SDCM<=7
Initial input power	280 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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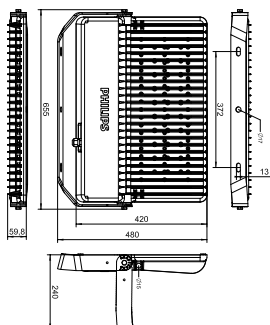
Application Conditions

Ambient temperature range	-40 to +45 °C
Maximum dim level	Not applicable

Product Data

Full product code	911401669702
Order product name	BVP283 LED280/NW 280W 220-240V SWB
Order code	911401669702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401669702
Net Weight (Piece)	12.800 kg

Dimensional drawing



Tango LED gen2 BVP281-BVP284

