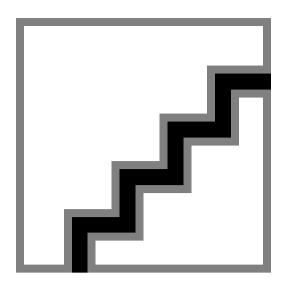
# **PHILIPS** Lighting



# Tango G2 LED

# BVP281 LED101/NW 80W 220-240V SWB

Tango G2 LED, 10100 lm, 80 W, Neutral white, Symmetrical wide beam, 100°, Safety class I, Mounting bracket adjustable

Tango G2 LED is a general purpose LED flood lighting luminiare 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	-
Light source replaceable	Yes
Number of gear units	-
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	No
Light Technical	
Luminous Flux	10,100 lm
Standard tilt angle posttop	-

Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	125 lm/W	
Color rendering index (CRI)	70	
Light source color	Neutral white	
Optical cover type	Polycarbonate micro lens optic	
Luminaire light beam spread	100°	
Optic type outdoor	Symmetrical wide beam	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Initial CLO power consumption	- W	
Average CLO power consumption	- W	
End CLO power consumption	- W	
Power Consumption	80 W	

## Tango G2 LED

Power Factor (Fraction)	0.95	Effective projected area	0.133 m²
Connection	Flying leads/wires	Dimensions (Height x Width x Depth)	60 x 454 x 412 mm
Cable	Cable 1.5 m without plug		
Number of products on MCB of 16 A type B -		Approval and Application	
		Ingress protection code	IP65 [Dust penetration-protected, jet-proc
Temperature		Mech. impact protection code	IK07 [2 J reinforced]
Ambient temperature range	-40 to +50 °C	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 k
			differential mode and 10 kV common mode
Controls and Dimming		Protection class IEC	Safety class I
Dimmable	No		
Driver/power unit/transformer	Power supply unit (On/Off)	Initial Performance (IEC Compliant)	
Control interface	-	Luminous flux tolerance	+/-10%
Constant light output	No	Initial chromaticity	SDCM<=7
		Power consumption tolerance	+/-10%
Mechanical and Housing			
Housing Material	Aluminum die cast	Product Data	
Reflector material	-	Order product name	BVP281 LED101/NW 80W 220-240V SWB
Optic material	Polycarbonate	Full product name	BVP281 LED101/NW 80W 220-240V SWB
Optical cover material	Polycarbonate	Full product code	872016973000700
Fixation material	Steel	Order code	911401662304
Housing Color	Aluminum and gray	Material Nr. (12NC)	911401662304
Mounting device	Mounting bracket adjustable	Numerator - Quantity Per Pack	1
Optical cover shape	-	EAN/UPC - Product/Case	8720169730007
Optical cover finish	Frosted	Numerator - Packs per outer box	1
Overall length	412 mm	EAN/UPC - Case	8720169730007
Overall width	454 mm		
Overall height	60 mm		

### Dimensional drawing







Tango G2 LED



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www.lighting.philips.com 2023, May 16 - data subject to change