# **PHILIPS** Lighting



# Tango G2 LED

## BVP283 LED280/NW 280W 220-240V AWB

Tango G2 LED, 28000 lm, 280 W, 740 neutral white, Asymmetrical wide beam, 40° x 95°, 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	
Light source replaceable	Yes
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Light Technical	
Luminous Flux	28,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Glass

Luminaire light beam spread	40° x 95°
Optic type outdoor	Asymmetrical wide beam
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	280 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug
Temperature	
Ambient temperature range	-40 to +45 °C

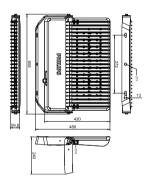
### Tango G2 LED

Controls and Dimming		Surge Protection (Common/Different	Surge Protection (Common/Differential) Luminaire surge protection level until 10 kV	
Dimmable	No		differential mode and 10 kV common mode	
Driver/power unit/transformer	Power supply unit (On/Off)	Protection class IEC	Safety class I	
Control interface	-			
Constant light output	No	Initial Performance (IEC Compli	Initial Performance (IEC Compliant)	
		Luminous flux tolerance	+/-10%	
Mechanical and Housing		Initial chromaticity	SDCM<=7	
Housing Material	Aluminum die cast	Power consumption tolerance	+/-10%	
Optic material	Polymethyl methacrylate			
Optical cover material	Polycarbonate	Application Conditions		
Fixation material	Steel	Maximum dim level	Not applicable	
Housing Color	Aluminum and gray			
Mounting device	Mounting bracket adjustable	Product Data		
Optical cover shape	Flat	Order product name	BVP283 LED280/NW 280W 220-240V AWB	
Overall length	480 mm	Full product name	BVP283 LED280/NW 280W 220-240V AWB	
Overall width	655 mm	Full product code	911401671202	
Overall height	60 mm	Order code	911401671202	
Effective projected area	0.25 m²	Material Nr. (12NC)	911401671202	
Dimensions (Height x Width x Depth)	60 x 655 x 480 mm	Numerator - Quantity Per Pack	1	
		Numerator - Packs per outer box	1	
Approval and Application				

#### Approval and Applicatio

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]

#### Dimensional drawing





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