PHILIPS Lighting



Tango G2 LED

BVP283 LED245/NW 245W 220-240V AWBE

Tango G2 LED, 24500 lm, 245 W, 740 neutral white, Asymmetrical wide beam, 16° x 80°, 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	24,500 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	16° x 80°	
Optic type outdoor	Asymmetrical wide beam	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Power Consumption	245 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		Mech. impact protection code	IK07 [2
Dimmable	No	Surge Protection (Common/Differentia	al) Lumina
Driver/power unit/transformer	Power supply unit (On/Off)		differe
Control interface	-	Protection class IEC	Safety
Constant light output	No		
		Initial Performance (IEC Compliant)	
Mechanical and Housing		Luminous flux tolerance	+/-10%
Housing Material	Aluminum die cast	Initial chromaticity	SDCM
Optic material	Polymethyl methacrylate	Power consumption tolerance	+/-10%
Optical cover material	Polycarbonate		
Fixation material	Steel	Product Data	
Housing Color	Aluminum and gray	Order product name	BVP28
Mounting device	Mounting bracket adjustable	Full product name	BVP28
Optical cover shape	Flat	Full product code	911401
Overall length	480 mm	Order code	911401
Overall width	655 mm	Material Nr. (12NC)	911401
Overall height	60 mm	Numerator - Quantity Per Pack	1
Effective projected area	0.25 m²	Numerator - Packs per outer box	1
Dimensions (Height x Width x Depth)	60 x 655 x 480 mm	<u></u>	

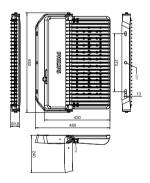
IP65 [Dust penetration-protected, jet-proof]

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	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<=7	
Power consumption tolerance	+/-10%	
Product Data		
Order product name	BVP283 LED245/NW 245W 220-240V AWBE	
Full product name	BVP283 LED245/NW 245W 220-240V AWBE	
Full product code	911401605703	
Order code	911401605703	
Material Nr. (12NC)	911401605703	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Approval and Application

Ingress protection code

Dimensional drawing





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