PHILIPS Lighting



Tango G2 LED

BVP282 LED202/WW 160W 220-240V AMB

Tango G2 LED, 20200 lm, 160 W, Warm white, Asymmetrical medium beam, 100° x 30°, 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	20,200 lm

Standard tilt angle posttop	-	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	125 lm/W	
Color rendering index (CRI)	70	
Light source color	Warm white	
Optical cover type	Polycarbonate micro lens optic	
Luminaire light beam spread	100° x 30°	
Optic type outdoor	Asymmetrical medium 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	

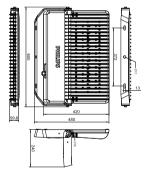
Tango G2 LED

End CLO power consumption	- W	Overall height
Power Consumption	160 W	Effective projected area
Power Factor (Fraction)	0.95	Dimensions (Height x Width x
Connection	Flying leads/wires	
Cable	Cable 1.5 m without plug	Approval and Application
Number of products on MCB of 16 A	sype B –	Ingress protection code
		Mech. impact protection code
Temperature		Surge Protection (Common/D
Ambient temperature range	-40 to +50 °C	
		Protection class IEC
Controls and Dimming		
Dimmable	No	Initial Performance (IEC C
Driver/power unit/transformer	Power supply unit (On/Off)	Luminous flux tolerance
Control interface	-	Initial chromaticity
Constant light output	No	Power consumption tolerance
Mechanical and Housing		Product Data
Housing Material	Aluminum die cast	Order product name
Reflector material	-	Full product name
Optic material	Polycarbonate	Full product code
Optical cover material	Polycarbonate	Order code
Fixation material	Steel	Material Nr. (12NC)
Housing Color	Aluminum and gray	Numerator - Quantity Per Pag
Mounting device	Mounting bracket adjustable	EAN/UPC - Product/Case
Optical cover shape	-	Numerator - Packs per outer l
Optical cover finish	Frosted	EAN/UPC - Case
Overall length	655 mm	
Overall width	480 mm	

Effective projected area	0.25 m²
Dimensions (Height x Width x Depth)	60 x 480 x 655 mm
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
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	BVP282 LED202/WW 160W 220-240V AMB
Full product name	BVP282 LED202/WW 160W 220-240V AMB
Full product code	872016972971100
Order code	72971100
Material Nr. (12NC)	911401663004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169729711
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169729711

60 mm

Dimensional drawing



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