PHILIPS Lighting



Tango G2 LED

BVP283 LED355/CW 350W 220-240V NB

Tango G2 LED, 35500 lm, 349 W, 740 neutral white, Narrow beam high reflectance, Safety class I

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	LED35S [LED Module, system flux 3500 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	-
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	1

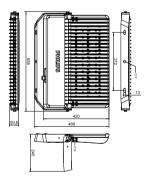
Luminous Flux	35,500 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Glass
Luminaire light beam spread	-
Optic type outdoor	Narrow beam high reflectance
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53.4 A
Inrush time	482 ms

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Power Consumption	349 W	Dimens
Power Factor (Fraction)	0.95	
Connection	Flying leads/wires	Appro
Cable	Cable 1.5 m without plug	Ingress
Number of products on MCB of 16 A t	sype B 1	Mech. i
		Surge F
Temperature		
Ambient temperature range	-40 to +50 °C	Protect
Controls and Dimming		Initial
Dimmable	No	Lumino
Driver/power unit/transformer	Power supply unit (On/Off)	Initial c
Control interface	-	Power
Constant light output	No	
		Over T
Mechanical and Housing		Driver f
Housing Material	Aluminum die cast	Median
Reflector material	Polycarbonate	Useful
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	Produ
Fixation material	-	Order p
Housing Color	Aluminum and gray	Full pro
Mounting device	_	Full pro
Optical cover shape	-	Order o
Optical cover finish	-	Materia
Overall length	480 mm	Numera
Overall width	655 mm	Numera
Overall height	60 mm	
Effective projected area	0.25 m²	

Dimensions (Height x Width x Depth)	60 x 655 x 480 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	(0.433, 0.401) SDCM<6	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	10 %	
Median useful life L70B50	50,000 hour(s)	
Useful life L80B10	30,000 hour(s)	
Product Data		
Order product name	BVP283 LED355/CW 350W 220-240V NB	
Full product name	BVP283 LED355/CW 350W 220-240V NB	
Full product code	911401689902	
Order code	911401689902	
Material Nr. (12NC)	911401689902	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Dimensional drawing



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