PHILIPS Lighting



Tango G3 - BVP38x

BVP381 LED80/CW 70W 220-240V SMB

Tango G3 - BVP38x, 8400 lm, 70 W, Cool white, Symmetrical medium beam, 50° x 50°, Safety class I, Mounting bracket adjustable

The energy-saving Philips Tango G3 LED Floodlight is the ideal solution for a wide range of Area lighting applications. It incorporates the LED light source, optical system, heat sink and driver into one compact and robust housing that meets globally recognized safety standards. Its specially designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. Powered by LED technology, this luminaire delivers superior performance and a longer lifetime, bringing area lighting to a whole new level.

Product data

General Information	
Light source replaceable	Yes
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	-
Warranty period	3 years
Light Technical	
Luminous Flux	8,400 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	70
Light source color	Cool white
Optical cover type	Polycarbonate micro lens optic

Luminaire light beam spread	50° x 50°
Optic type outdoor	Symmetrical medium beam
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	70 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug
Temperature	
Ambient temperature range	-40 to +50 °C

Tango G3 - BVP38x

Controls and Dimming		Mech. impact protection code
Dimmable	No	Surge Protection (Common/Diffe
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Protection class IEC
Mechanical and Housing		Initial Performance (IEC Cor
Housing Material	Aluminum die cast	Luminous flux tolerance
Optic material	Polycarbonate	Initial chromaticity
Optical cover material	Polycarbonate	Power consumption tolerance
Fixation material	Steel	
Housing Color	Aluminum and gray	Product Data
Mounting device	Mounting bracket adjustable	Order product name
Optical cover finish	Frosted	Full product name
Overall length	500 mm	Full product code
Overall width	84 mm	Order code
Overall height	349 mm	Material Nr. (12NC)
Effective projected area	0.12 m²	Numerator - Quantity Per Pack
Dimensions (Height x Width x Depth)	349 x 84 x 500 mm	Numerator - Packs per outer box

Mech. impact protection code	IK08 [5 J vandal-protected]
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	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<=7
Power consumption tolerance	+/-10%
Product Data	
Order product name	BVP381 LED80/CW 70W 220-240V SMB
Full product name	BVP381 LED80/CW 70W 220-240V SMB
Full product code	911401653703
Order code	911401653703
Material Nr. (12NC)	911401653703
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Approval and Application

Ingress protection code

IP66 [Dust penetration-protected, jet-proof]



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