



Tango G3 – BVP38x

BVP381 LED120/CW 100W 220–240V SMB GM

Tango G3 – BVP38x, 12000 lm, 100 W, Cool white, Symmetrical medium beam, 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			
Lamp family code	-	Correlated Color Temperature (Nom)	5700 K
Light source replaceable	Yes	Luminous Efficacy (rated) (Nom)	120 lm/W
Driver included	Yes	Color rendering index (CRI)	>70
Light source engine type	LED	Light source color	Cool white
Lighting Technology	LED	Optical cover type	Polycarbonate micro lens optic
Flammability mark	-	Luminaire light beam spread	50°
CE mark	CE mark	Optic type outdoor	Symmetrical medium beam
ENEC mark	-	Operating and Electrical	
Warranty period	3 years	Input Voltage	220–240 V
EU RoHS compliant	No	Line Frequency	50 or 60 Hz
Light Technical		Power Consumption	100 W
Luminous Flux	12,000 lm	Power Factor (Fraction)	0.95
Standard tilt angle posttop	-	Connection	Flying leads/wires
Standard tilt angle side entry	-	Cable	Cable 1.5 m without plug

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Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Aluminum and gray
Mounting device	Mounting bracket adjustable
Optical cover shape	-
Optical cover finish	Frosted
Overall length	500 mm
Overall width	84 mm
Overall height	349 mm
Effective projected area	0.12 m ²
Dimensions (Height x Width x Depth)	349 x 84 x 500 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 15 kV differential mode and 15 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	BVP381 LED120/CW 100W 220-240V SMB GM
Full product name	BVP381 LED120/CW 100W 220-240V SMB GM
Full product code	911401842098
Order code	911401842098
Material Nr. (12NC)	911401842098
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

