



# Tango G3 – BVP38x

## BVP381 LED120/CW 100W 220–240V AMB GM

Tango G3 – BVP38x, 12000 lm, 100 W, Cool white, Asymmetrical medium beam, 40° x 80°, 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	-	Standard tilt angle side entry	-
Light source replaceable	Yes	Correlated Color Temperature (Nom)	5700 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	120 lm/W
Light source engine type	LED	Color rendering index (CRI)	>70
Lighting Technology	LED	Light source color	Cool white
Flammability mark	-	Optical cover type	Polycarbonate micro lens optic
CE mark	CE mark	Luminaire light beam spread	40° x 80°
ENEC mark	-	Optic type outdoor	Asymmetrical medium beam
Warranty period	3 years	Operating and Electrical	
EU RoHS compliant	No	Input Voltage	220–240 V
Light Technical		Line Frequency	50 or 60 Hz
Luminous Flux	12,000 lm	Power Consumption	100 W
Standard tilt angle posttop	-	Power Factor (Fraction)	0.95
		Connection	Flying leads/wires

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Cable	Cable 1.5 m without plug
<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
<b>Mechanical and Housing</b>	
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 <sup>2</sup>

Dimensions (Height x Width x Depth)	349 x 84 x 500 mm
<b>Approval and Application</b>	
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
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM< 7
Power consumption tolerance	+/-10%
<b>Product Data</b>	
Order product name	BVP381 LED120/CW 100W 220-240V AMB GM
Full product name	BVP381 LED120/CW 100W 220-240V AMB GM
Full product code	911401842398
Order code	911401842398
Material Nr. (12NC)	911401842398
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

