



Tango G3 - BVP38x

BVP381 LED130/CW 100W 220-240V AMB GM

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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		Number of products on MCB of 16 A type B -	
Lamp family code	-	RoHS mark	-
Light source color	Cool white	Light source engine type	LED
Light source replaceable	Yes	Serviceability class	-
Number of gear units	-	Light Technical	
Driver/power unit/transformer	Power supply unit	Standard tilt angle posttop	-
Driver included	Yes	Standard tilt angle side entry	-
Optical cover/lens type	Polycarbonate micro lens optic	Operating and Electrical	
Luminaire light beam spread	40° x 80°	Input Voltage	220-240 V
Connection	Flying leads/wires	Input Frequency	50 or 60 Hz
Cable	Cable 1.5 m without plug	Initial CLO power consumption	- W
Protection class IEC	Safety class I	Average CLO power consumption	- W
Flammability mark	-	End CLO power consumption	- W
CE mark	CE mark	Power Factor (Min)	0.95
ENEC mark	-		
Warranty period	3 years		
Optic type outdoor	Asymmetrical medium beam		
Constant light output	No		

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

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

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	13000 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	70
Initial chromaticity	SDCM<=7
Initial input power	100 W
Power consumption tolerance	+/-10%

Application Conditions

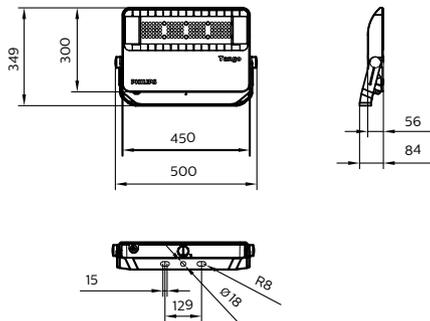
Ambient temperature range	-40 to +50 °C
Maximum dim level	Not applicable

Product Data

Full product code	871016334419500
Order product name	BVP381 LED130/CW 100W 220-240V AMB GM
EAN/UPC - Product	8710163344195
Order code	911401609405
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401609405
Net Weight (Piece)	5.999 kg



Dimensional drawing



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