



Tango G3 - BVP38x

BVP381 LED80/CW 70W 220-240V SMB

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		Power Factor (Min)	
Light source color	Cool white	0.95	
Light source replaceable	Yes	Controls and Dimming	
Driver/power unit/transformer	Power supply unit	Dimmable	No
Driver included	Yes	Mechanical and Housing	
Optical cover/lens type	Polycarbonate micro lens optic	Housing Material	Aluminum die cast
Luminaire light beam spread	50° x 50°	Optic material	Polycarbonate
Control interface	-	Optical cover/lens material	Polycarbonate
Connection	Flying leads/wires	Fixation material	Steel
Cable	Cable 0.5 m without plug	Mounting device	Mounting bracket adjustable
Protection class IEC	Safety class I	Optical cover/lens finish	Frosted
CE mark	-	Overall length	500 mm
Warranty period	3 years	Overall width	84 mm
Optic type outdoor	Symmetrical medium beam	Overall height	349 mm
Light source engine type	LED	Effective projected area	0.12 m²
Operating and Electrical		Color	Aluminum and gray
Input Voltage	220-240 V	Approval and Application	
Input Frequency	50 or 60 Hz	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

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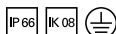
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	8400 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	70
Initial chromaticity	SDCM<=7
Initial input power	70 W
Power consumption tolerance	+/-10%

Application Conditions

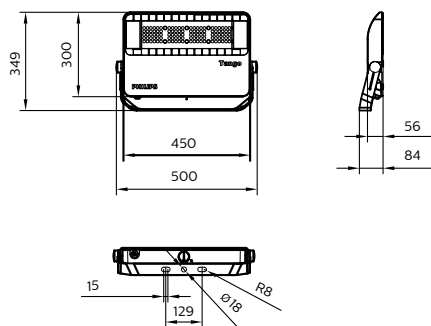
Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	911401653703
Order product name	BVP381 LED80/CW 70W 220-240V SMB
Order code	911401653703
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401653703
Net Weight (Piece)	5.500 kg



Dimensional drawing



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