Tango G3 – BVP38x

BVP381 LED60/NW 50W 220-240V AMB

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 color	Neutral white
Light source replaceable	Yes
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Polycarbonate micro lens optic
Luminaire light beam spread	40° x 80°
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug
Protection class IEC	Safety class I
Warranty period	3 years
Optic type outdoor	Asymmetrical medium beam
Light source engine type	LED

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 or 60 Hz
Power Factor (Min)	0.95

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	Mounting bracket adjustable
Optical cover/lens finish	Frosted
Overall length	500 mm
Overall width	84 mm
Overall height	349 mm
Effective projected area	0.12 m²
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]

Tango G3 – BVP38x

Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Initial Performance (IEC Compliant)

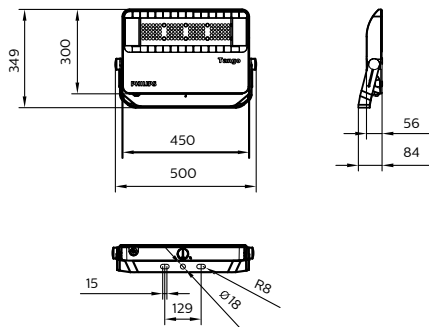|	
Initial luminous flux (system flux)	6000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	SDCM<=7
Initial input power	50 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	–40 to +50 °C

Product Data

Full product code	911401654603
Order product name	BVP381 LED60/NW 50W 220–240V AMB
Order code	911401654603
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	911401654603
Net Weight (Piece)	5.500 kg

IP 66 IK 08 ⏚

Dimensional drawing

BVP38x Tango G3

www.lighting.philips.com

2019, May 7 – data subject to change