



# Tango G3 - BVP38x

### BVP382 LED156/WW 120W 220-240V SMB GM

Tango G3 - BVP38x, 15600 lm, 120 W, Warm 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**

-
Yes
-
Yes
LED
LED
-
CE mark
-
3 years
No
15,600 lm
-

Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	70
Light source color	Warm white
Optical cover type	Polycarbonate micro lens optic
Luminaire light beam spread	50°
Optic type outdoor	Symmetrical medium beam
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Power Consumption	120 W

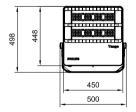
Datasheet, 2023, October 25 data subject to change

## Tango G3 - BVP38x

Power Factor (Fraction)  Connection  Flying leads/wires  Cable  Cable 1.5 m without plug  Number of products on MCB of 16 A type B  Temperature  Ambient temperature range  -40 to +50 °C  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Control interface  - Constant light output  No  Mechanical and Housing  Housing Material  Aluminum die cast  Reflector material  - Optic material  Polycarbonate  Optical cover material  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  97 mm  Overall height  Effective projected area  0.17 m²		
Cable Cable 1.5 m without plug  Number of products on MCB of 16 A type B -  Temperature  Ambient temperature range -40 to +50 °C  Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Control interface -  Constant light output No  Mechanical and Housing  Housing Material Aluminum die cast  Reflector material -  Optical cover material Polycarbonate  Optical cover 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 97 mm  Overall height 498 mm	Power Factor (Fraction)	0.95
Number of products on MCB of 16 A type B -  Temperature  Ambient temperature range -40 to +50 °C  Controls and Dimming  Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Control interface -  Constant light output No  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 97 mm  Overall height 498 mm	Connection	Flying leads/wires
Temperature  Ambient temperature range -40 to +50 °C  Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Control interface -  Constant light output No  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 97 mm  Overall height 498 mm	Cable	Cable 1.5 m without plug
Ambient temperature range  -40 to +50 °C  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Control interface  - Constant light output  No  Mechanical and Housing  Housing Material  Aluminum die cast  Reflector material  - Optic material  Polycarbonate  Optical cover material  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 length  498 mm	Number of products on MCB of 16 A type	В -
Ambient temperature range  -40 to +50 °C  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Control interface  - Constant light output  No  Mechanical and Housing  Housing Material  Aluminum die cast  Reflector material  - Optic material  Polycarbonate  Optical cover material  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 length  498 mm		
Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Control interface -  Constant light output No  Mechanical and Housing  Housing Material Aluminum die cast  Reflector material Polycarbonate  Optic 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 97 mm  Overall height 498 mm	Temperature	
Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Control interface - Constant light output No  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 97 mm Overall height 498 mm	Ambient temperature range	-40 to +50 °C
Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Control interface - Constant light output No  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 97 mm Overall height 498 mm		
Driver/power unit/transformer Power supply unit (On/Off)  Control interface - Constant light output No  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 97 mm  Overall height 498 mm	Controls and Dimming	
Control interface - Constant light output No  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 97 mm  Overall height 498 mm	Dimmable	No
Constant light output  Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Overall length Overall height  No  Aluminum die cast Polycarbonate Polycarbonate Steel Housing Color Aluminum and gray Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 500 mm Overall height 498 mm	Driver/power unit/transformer	Power supply unit (On/Off)
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 97 mm Overall height 498 mm	Control interface	-
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 97 mm  Overall height 498 mm	Constant light output	No
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 97 mm  Overall height 498 mm		
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 97 mm  Overall height 498 mm	Mechanical and Housing	
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 97 mm  Overall height 498 mm	Housing Material	Aluminum die cast
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 97 mm  Overall height 498 mm	Reflector material	-
Fixation material  Housing Color  Aluminum and gray  Mounting device  Mounting bracket adjustable  Optical cover shape  Optical cover finish  Frosted  Overall length  Overall width  97 mm  Overall height  498 mm	Optic material	Polycarbonate
Housing Color Aluminum and gray  Mounting device Mounting bracket adjustable  Optical cover shape - Optical cover finish Frosted  Overall length 500 mm  Overall width 97 mm  Overall height 498 mm	Optical cover material	Polycarbonate
Mounting device Mounting bracket adjustable  Optical cover shape -  Optical cover finish Frosted  Overall length 500 mm  Overall width 97 mm  Overall height 498 mm	Fixation material	Steel
Optical cover shape  Optical cover finish Frosted  Overall length 500 mm  Overall width 97 mm  Overall height 498 mm	Housing Color	Aluminum and gray
Optical cover finish     Frosted       Overall length     500 mm       Overall width     97 mm       Overall height     498 mm	Mounting device	Mounting bracket adjustable
Overall length 500 mm Overall width 97 mm Overall height 498 mm	Optical cover shape	-
Overall width 97 mm Overall height 498 mm	Optical cover finish	Frosted
Overall height 498 mm	Overall length	500 mm
	Overall width	97 mm
Effective projected area 0.17 m <sup>2</sup>	Overall height	498 mm
	Effective projected area	0.17 m²
Dimensions (Height x Width x Depth) 498 x 97 x 500 mm	Dimensions (Height x Width x Depth)	498 x 97 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%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BVP382 LED156/WW 120W 220-240V SMB
	GM
Full product name	BVP382 LED156/WW 120W 220-240V SMB
	GM
Full product code	911401618305
Order code	911401618305
Material Nr. (12NC)	911401618305
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

#### Dimensional drawing







### Tango G3 - BVP38x



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.