# **PHILIPS** Lighting



# Tango G2 LED

## BVP281 LED151/WW 120W 220-240V AMB

Tango G2 LED, 15100 lm, 120 W, Warm white, Asymmetrical medium beam, 100° x 30°, Safety class I, Mounting bracket adjustable

Tango G2 LED is a general purpose LED flood lighting luminiare for various lighting applications, such as area lighting, bill-board, façade, industry area, recreational sports and other general applications. The Tango G2 LED flood light incorporates LED light source, optical system, heat sink and driver into one compact housing. Its specially designed heat sink incorporates aesthetics and functionality to ensure reliability and long lifetime. Tango G2 LED takes advantage of LED technology which provides energy savings and a longer lifetime, bringing area lighting into a new era.

#### **Product data**

General Information	
Lamp family code	-
Light source replaceable	Yes
Number of gear units	-
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	No
Light Technical	
Luminous Flux	15,100 lm

Standard tilt angle posttop	-	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	125 lm/W	
Color rendering index (CRI)	70	
Light source color	Warm white	
Optical cover type	Polycarbonate micro lens optic	
Luminaire light beam spread	100° x 30°	
Optic type outdoor	Asymmetrical 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	

### Tango G2 LED

End CLO power consumption	- W	Overall height
Power Consumption	120 W	Effective projected area
Power Factor (Fraction)	0.95	Dimensions (Height x Width x Depth)
Connection	Flying leads/wires	
Cable	Cable 1.5 m without plug	Approval and Application
Number of products on MCB of 16 A	type B -	Ingress protection code
		Mech. impact protection code
Temperature		Surge Protection (Common/Differenti
Ambient temperature range	-40 to +50 °C	
		Protection class IEC
Controls and Dimming		
Dimmable	No	Initial Performance (IEC Complia
Driver/power unit/transformer	Power supply unit (On/Off)	Luminous flux tolerance
Control interface	-	Initial chromaticity
Constant light output	No	Power consumption tolerance
Mechanical and Housing		Product Data
Housing Material	Aluminum die cast	Order product name
Reflector material	-	Full product name
Optic material	Polycarbonate	Full product code
Optical cover material	Polycarbonate	Order code
Fixation material	Steel	Material Nr. (12NC)
Housing Color	Aluminum and gray	Numerator - Quantity Per Pack
Mounting device	Mounting bracket adjustable	EAN/UPC - Product/Case
Optical cover shape	-	Numerator - Packs per outer box
Optical cover finish	Frosted	EAN/UPC - Case
Overall length	412 mm	
Overall width	454 mm	

Effective projected area	0.133 m²	
Dimensions (Height x Width x Depth)	60 x 454 x 412 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK07 [2 J reinforced]	
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV	
	differential mode and 10 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%	
Product Data		
Order product name	BVP281 LED151/WW 120W 220-240V AMB	
Full product name	BVP281 LED151/WW 120W 220-240V AMB	
Full product code	872016972983400	
Order code	72983400	
Material Nr. (12NC)	911401662104	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169729834	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8720169729834	

60 mm

#### Dimensional drawing





Datasheet, 2023, May 1

Tango G2 LED



© 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.

www.lighting.philips.com 2023, May 1 - data subject to change