



Tango G2 LED

BVP281 LED101/CW 80W 220-240V AMB

Tango G2 LED, 10100 lm, 80 W, Cool 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
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	No
Light Technical	
Luminous Flux	10,100 lm

Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	70
Light source color	Cool 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

Datasheet, 2023, October 25 data subject to change

Tango G2 LED

End CLO power consumption - W Power Consumption 80 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable 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 Steel Housing Color Aluminum and gray Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 412 mm Overall width			
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 412 mm	End CLO power consumption	- W	
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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 412 mm	Dimmable	No	
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Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Polycarbonate Fixation material Housing Color Aluminum and gray Mounting device Mounting bracket adjustable Optical cover shape Optical cover finish Frosted Overall length Aluminum and gray 412 mm	Control interface	-	
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Housing Material Reflector material Optic material Optical cover material Polycarbonate Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Frosted Overall length Aluminum die cast Aluminum die cast Aluminum and Brolycarbonate Steel Aluminum and gray Mounting bracket adjustable Optical cover finish Frosted Overall length Aluminum die cast			
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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 412 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 412 mm	Reflector material	-	
Fixation material Steel Housing Color Aluminum and gray Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 412 mm	Optic material	Polycarbonate	
Housing Color Aluminum and gray Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 412 mm	Optical cover material	Polycarbonate	
Mounting device Mounting bracket adjustable Optical cover shape - Optical cover finish Frosted Overall length 412 mm	Fixation material	Steel	
Optical cover shape - Optical cover finish Frosted Overall length 412 mm	Housing Color	Aluminum and gray	
Optical cover finish Frosted Overall length 412 mm	Mounting device	Mounting bracket adjustable	
Overall length 412 mm	Optical cover shape	-	
	Optical cover finish	Frosted	
Overall width 454 mm	Overall length	412 mm	
	Overall width	454 mm	

Overall height	60 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 LED101/CW 80W 220-240V AMB
Full product name	BVP281 LED101/CW 80W 220-240V AMB
Full product code	872016972992600
Order code	911401660704
Material Nr. (12NC)	911401660704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169729926
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169729926

Dimensional drawing

Tango G2 LED



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