Tango G2 LED – BVP281

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.

Features & Benefits

- **Energy saving:** system efficacy reaches 110lm/w, which gives more than 50% of energy saving when compared to conventional floodlight
- **Free from lamp replacement:** Lifetime reaches 50,000 hours at L70, which requires no lamp replacement after installation
- **Low maintenance cost:** IP65 housing ensures low maintenance with no need for internal cleaning, resulting in a lower total cost of ownership
- **Flexibility on lighting application:** Optical beam choice of symmetric and asymmetric fulfils majority needs of lighting application
- **Good reliability:** Painted non-corrosive die-cast aluminum housing and steel bracket gives extra strength when the luminaire is installed in a rough environment
- **Easy installation and maintenance**: Universal "U" shape mounting bracket.
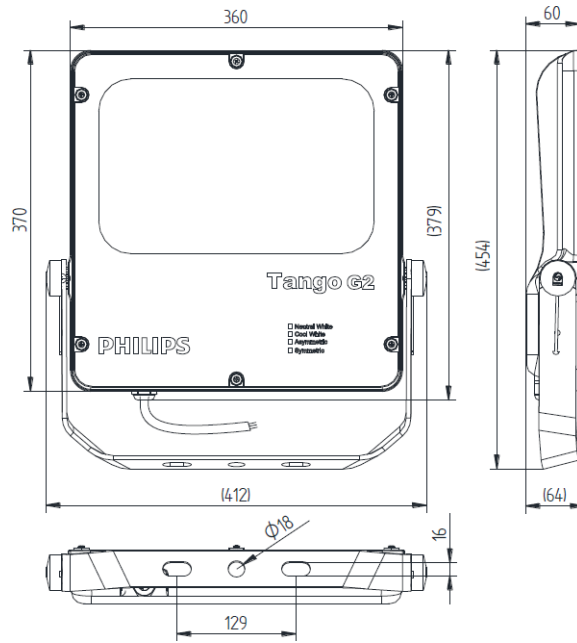
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Tango G2 LED

Specifications

	Tango G2 LED
Type	BVP281
Light source	Mid Power LED
Power requirement	220-240V 50/60Hz
Power factor	0.95(Full Load)
Power Consumption	40W; 80W; 120W
LED driver & driving current	Constant current at 700mA
System lumen output	4,400; 8,800; 13,200 lumen
CRI	Min. 80
Color temperature	6500K ± 500K / 4000K ± 500K / 3000K ± 500K
Optics	AMB−Asymmetric, SWB−Symmetric, SMB-Symmetric
Materials and finishing	Housing: Die-cast aluminum (ADC1) Gasket: Heat resistant silicone rubber Glass: Tempered glass Housing Colour: Grey Aluminium RAL9007
Lifetime	50,000 hours (70% lumen maintenance @ Ta = 35°C)
Installation	Universal Bracket
Dimensions (LxBxH)	370 x 360 x 60mm
Weight	6.0 – 6.5 kg
Classifications	IP65; IK07; Class I; RoHS
Operating Temperature	-40°C to 50°C (Outdoor)
Surge protection	10KV
Controls	Optional - DALI & 1-10V Dimming (ETO)
Certifications	CB, CE, ANZ60598 (SAA), PSE, RoHS

Product Configuration

Product Model	**Driver Description**
BVP281 40W	Xitanium 75W 0.70A 230V-Y cXt
BVP281 80W	Xitanium 75W 0.70A 230V-Y cXt
BVP281 120W	Xitanium 150W 0.70A 230V-F cXt

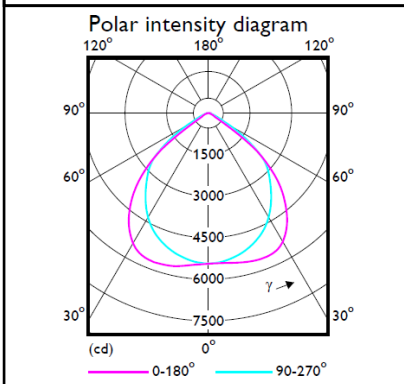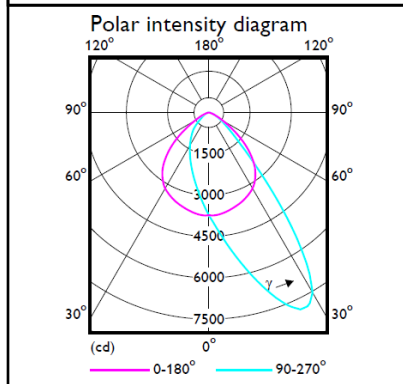## Dimensions
(units: mm)
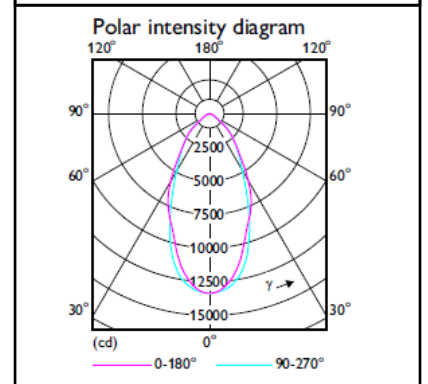

Photometry

BVP281 LED132/NW 120W 220-240V SWB 1 x 13200 lm L.O.R : 1.00	BVP281 LED132/NW 120W 220-240V AMB 1 x 13200 lm L.O.R : 1.00	BVP281 LED132/NW 120W 220-240V SMB 1 x 13200 lm L.O.R : 1.00

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Ordering information

12NC	Description
911401635202	BVP281 LED44/NW 40W 220-240V SWB
911401634102	BVP281 LED88/NW 80W 220-240V SWB
911401634202	BVP281 LED132/NW 120W 220-240V SWB
911401634302	BVP281 LED44/NW 40W 220-240V AMB
911401634402	BVP281 LED88/NW 80W 220-240V AMB
911401634502	BVP281 LED132/NW 120W 220-240V AMB
911401634602	BVP281 LED44/CW 40W 220-240V SWB
911401634702	BVP281 LED88/CW 80W 220-240V SWB
911401634802	BVP281 LED132/CW 120W 220-240V SWB
911401634902	BVP281 LED44/CW 40W 220-240V AMB
911401635002	BVP281 LED88/CW 80W 220-240V AMB
911401635102	BVP281 LED132/CW 120W 220-240V AMB
911401606903	BVP281 LED44/NW 40W 220-240V SMB
911401607003	BVP281 LED88/NW 80W 220-240V SMB
911401606703	BVP281 LED132/NW 120W 220-240V SMB
911401607103	BVP281 LED44/CW 40W 220-240V SMB
911401607203	BVP281 LED88/CW 80W 220-240V SMB
911401607303	BVP281 LED132/CW 120W 220-240V SMB
911401607503	BVP281 LED41/WW 40W 220-240V SMB
911401606803	BVP281 LED82/WW 80W 220-240V SMB
911401606503	BVP281 LED122/WW 120W 220-240V SMB
911401606603	BVP281 LED41/WW 40W 220-240V AMB
911401607403	BVP281 LED82/WW 80W 220-240V AMB
911401607603	BVP281 LED122/WW 120W 220-240V AMB

- More options available on request

www.philips.com/lighting