



PHILIPS

**Tango G2 LED
Range**

40 – 200W



Energy efficient exterior **floodlighting** with the Tango G2 LED range

When you want to **light up outdoor areas** energy efficiently, the Tango G2 LED is your perfect general purpose solution.

The symmetrical wide beam covers a variety of applications, including area lighting, billboards, facades, industry, and recreational areas.

The Tango G2 LED is easy to install, thanks to a universal “U” shape mounting bracket. And once it’s installed, it’s virtually maintenance free, which means lower total cost of ownership.

With up to 50,000 hours lifetime at L70, there’s no need for lamp replacement. The painted, non-corrosive die cast aluminium housing and galvanized steel bracket is built to last too, even in harsh environments.



Tango G2 LED benefits

- **Energy saving:** system efficacy reaches 100lm/w which gives an energy saving up to 50% when compared to conventional Philips HID floodlights.
- **No need for lamp replacement:** thanks to a lifetime that reaches up to 50,000 hours at L70.
- **Low maintenance:** IP65 housing ensures low maintenance with no need for internal cleaning, resulting in a lower total cost of ownership.
- **Flexibility on lighting application:** the symmetrical wide beam covers most lighting applications.
- **Long-lasting:** painted, non-corrosive die-cast aluminium housing and galvanised steel bracket gives extra strength when the luminaire is installed in harsh environments.
- **Easy installation and maintenance:** with a universal “U” shape mounting bracket and 1.5m long tail, the Tango G2 is easy to install.



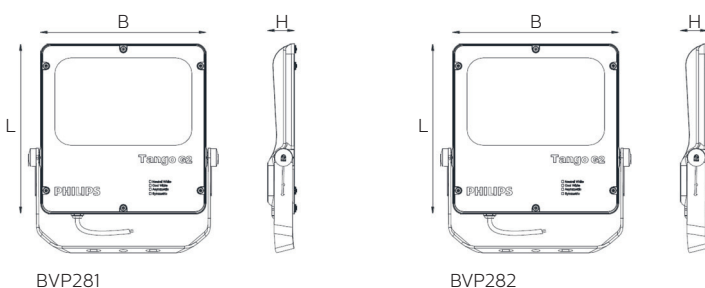
Product data

Product Specification

Type	BVP281	BVP282
Light Source	Mid Power LED	Mid Power LED
Power requirement	220-240V 50/60Hz	220-240V 50/60Hz
Power factor	0.95	0.95
Power Consumption	40W; 80w; 120w	160W; 200W
LED driver & driving current	Constant current at 700mA	Constant current at 700mA
System lumen output	4,000; 8000; 12,000 lumen	16,000; 20,000 lumen
CRI	Min. 80	Min. 80
Colour Temperature	Neutral white	Neutral white; Warm white
Optics	SWB - Symmetrical wide beam	SWB - Symmetrical wide beam
Materials and finishing	Housing: Die-cast aluminium Gasket: Heat resistant silicone rubber Glass: Tempered glass Housing Colour: Grey Aluminium RAL9007	Housing: Die-cast aluminium Gasket: Heat resistant silicone rubber Glass: Tempered glass Housing Colour: Grey Aluminium RAL9007
Lifetime	50,000 hours (70% lumen maintenance @ Ta =35°C)	50,000 hours (70% lumen maintenance @ Ta =35°C)
Installation	Universal Bracket	Universal Bracket
Dimensions (LxBxH)	370 x 360 x 60	420 x 650 x 60
Weight	6.0 - 6.5kg	11.8 Kg
Classification	IP65; IK07; Class I; RoHS	IP65; IK07; Class I; RoHS
Operating Temperature	-40°C to 45°C (Outdoor)	-40°C to 45°C (Outdoor)
Surge protection	10KV	10KV
Certifications	CB, AS/NZ	CB, AS/NZ

Tango G2 LED Specification	Total Fixture Lumen Output	Colour Temperature (K)	Equivalent MH Floodlight Option	System Wattage
BVP281 LED40/NW 40W 220-240V SWB	4,000	4000	Similar to 70watt	40w
BVP281 LED80/NW 80W 220-240V SWB	8,000	4000	Similar to 150watt	80w
BVP281 LED120/NW 120W 220-240V SWB	12,000	4000	Similar to 250watt	120w
BVP282 LED160/NW 160W 220-240V SWB	16,000	4000	Similar to 250watt	160W
BVP282 LED200/NW 200W 220-240V SWB	20,000	4000	Similar to 400watt	200W

Dimensional drawing





© 2013 Koninklijke Philips Electronics N.V.
All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent or other industrial or intellectual property rights. Release date: 06/2014

Philips Lighting New Zealand
Level 2, 1 Nugent Street, Grafton
Auckland 1023, New Zealand
Tel: + 64 9 355 4700 or
0800 454 448 (toll free - local only)
Fax: + 64 9 160 875 or
0800 160 875 (toll free - local only)
solutions.NZ@philips.com
www.philips.co.nz/lighting

Philips Lighting Australia
A sector of Philips Electronics
Australia Limited, 65 Epping Road,
North Ryde 2113, Australia
Tel: 1300 304 404
www.philips.com.au/lighting



Cert no. SCS-COC-002053
©1996 Forest Stewardship Council A.C.
The Mark of a Responsible Forestry