Complete range of configurable and connected solar flood lights upto 15000 lumens.

Tango G2 Gen 4.0 Solar

Comprehensive range of solar flood lights starting from 5000 lumens to 15000 lumens, with 125 lm/w efficacy, and option of hybrid versions. Suitable for area lighting, billboards, facade and parking areas. configurable dimming profile and load wattage.

Benefits
- Brings light to areas without access to electric grid
- Environment friendly
- Saves energy
- High efficacy reduces cost per light point by reducing battery and panel size
- Preserves landscape as no trenching for cabling required
- Sturdy construction for long life
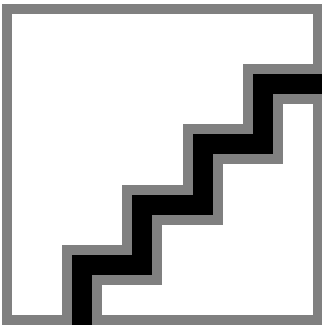- Smart city ready for sustainable cities

Features
- High luminous efficacy of 125 lm/Watt.
- Configurable dimming profile and load wattage
- Compatible with multiple battery types (LiFePO4, LMLA GEL)
- Pressure die-cast aluminum housing for sturdiness and excellent thermal management
- Available in both offgrid and hybrid versions
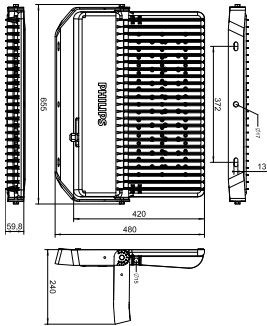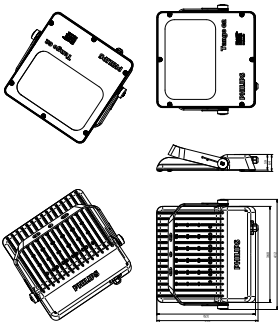
Tango G2 Gen 4.0 Solar

Application
· Area lighting
· Billboards
· Facade
· Parking areas.

Versions

Tango G2 Led

Dimensional drawing

Tango G2 Gen 4.0 Solar

Light Technical

Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70

Operating and Electrical

Battery type	Multiple
Cable connection kit	Included

Temperature

Ambient temperature range	–30 to +50 °C

Controls and Dimming

Dimmable	Yes
Configurability	Configurable

Mechanical and Housing

Housing Color	RAL 9007
Overall width	60 mm

Approval and Application

Ingress protection code	IP65

Application Conditions

Battery location	Outside Luminaire
Grid connection type	Offgrid and hybrid (separate Hybrid Charger)
Solar dimming profile	As per charge controler settings

Operating and Electrical

Order Code	Full Product Name	Battery voltage
01820702	BVP282 LED150/CW 120W S-WB SD 12.5m	24;25.6 V
01820502	BVP281 LED50/CW 40W S-WB SD 12.5m	12;12.8 V
01820602	BVP281 LED100/CW 80W S-WB SD 12.5m	24;25.6 V

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length
01820702	BVP282 LED150/CW 120W S-WB SD 12.5m	655 mm	420 mm
01820502	BVP281 LED50/CW 40W S-WB SD 12.5m	360 mm	370 mm

Order Code	Full Product Name	Overall height	Overall length
01820602	BVP281 LED100/CW 80W S-WB SD 12.5m	360 mm	370 mm

PHILIPS

www.lighting.philips.com

2023, April 14 – data subject to change