

PHILIPS

Outdoor Lighting

LED Floodlight



Long-lasting
brightness and
energy savings

Excellent area lighting within your budget



Recreation



Billboard Lighting



Parking Lots

The energy-saving Philips Tango G3 LED Floodlight is the ideal solution for a wide range of Area lighting applications. It incorporates the LED light source, optical system, heat sink and driver into one compact and robust housing that meets globally recognized safety standards. Its specially designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. Powered by LED technology, this luminaire delivers superior performance and a longer lifetime, bringing area lighting to a whole new level.

Applications

- Area lighting
- Industrial areas
- Façade
- Billboard lighting
- Parking lots
- Ports
- Airports
- Driving ranges
- Parks

Superior lighting in a compact, robust design

Lighting The Way You Want It

Choose the exact lighting level you want, thanks to a wide range of LED boards and highly flexible Philips LED drivers.



High Performing Optics

Lighting delivers maximum application coverage without being obtrusive.

Discreet and Simple

Elegant and unobtrusive design allows seamless integration into any environment.



Efficient LED Thermal Design

Fins on the back ensure good heat dissipation; these create airflow around the housing to prevent dirt from settling on the luminaire.

Features and benefits

- **More energy savings.** System efficacy reaches 120lm/w, which generates more than 50% in energy savings compared to conventional floodlights. Dimmable feature delivers added power efficiency – light areas when you need to.
- **Long-lasting.** Lifetime reaches 50,000 hours at L70.
- **Easy to install.** Tool less opening reduces installation and maintenance time, increase the working efficiency and good user experience.
- **Flexibility.** Optical beam choices (symmetric wide and asymmetric medium) fulfills majority of lighting application needs.
- **Excellent reliability.** Along with the 15KV/KA surge protection, the non-corrosive die-cast aluminum housing and steel bracket provide adequate support when the luminaire is installed in harsh environments.

Take the next step

See how Philips Tango G3 LED Floodlight can address your outdoor lighting needs. Contact your local Philips Sales Representative for more information or to schedule a personalized demonstration.

Product data

General Characteristics

Type	BVP381/BVP382
Lifetime	Up to 50k hours (L70B50) @ Ta 35deg
Operation Temperature	-40 to + 50°C
IP/IK rating	IP66 / IK08
Certificate	CB, CE, RoHS, IEC60598
Housing Color	RAL9007

Light Technical Characteristics

System Lumen	BVP381 50W: 6000lm 70W: 8400lm 100W: 1200lm BVP382 120W: 14400lm 150W: 18000lm 200W: 24000lm
CRI	>70
SDCM	<6

Electrical Characteristics

System Wattage	50W;70W;100W;150W;200W
System efficacy	NW/CW - 120Lm/W; WW - 110Lm/W
Power factor	0.95
Optic	Asymmetrical medium beam Symmetrical medium beam Symmetrical wide beam

Mechanical Characteristics

Casting color	Aluminium Grey
LED Dimensions	BVP381: 500 x 300 x 56mm BVP382: 500 x 448 x 56mm
Material	The luminaires housing Shall be made of non-Corrosive high pressure ADC with corrosion resistant powder coating. 1.5m Flying wire; Anti-dust exposed lenses
Installation	U-shaped bracket Universal installation Aiming angle scale

Ordering Information

BVP381 LED60/CW 50W 220-240V SWB GM
BVP381 LED60/CW 50W 220-240V SMB GM
BVP381 LED60/CW 50W 220-240V AMB GM
BVP381 LED84/CW 70W 220-240V SWB GM
BVP381 LED84/CW 70W 220-240V SMB GM
BVP381 LED84/CW 70W 220-240V AMB GM
BVP381 LED120/CW 100W 220-240V SWB GM
BVP381 LED120/CW 100W 220-240V SMB GM
BVP381 LED120/CW 100W 220-240V AMB GM
BVP382 LED144/CW 120W 220-240V SWB GM
BVP382 LED144/CW 120W 220-240V SMB GM
BVP382 LED144/CW 120W 220-240V AMB GM
BVP382 LED180/CW 150W 220-240V SWB GM
BVP382 LED180/CW 150W 220-240V SMB GM
BVP382 LED180/CW 150W 220-240V AMB GM
BVP382 LED240/CW 200W 220-240V SWB GM
BVP382 LED240/CW 200W 220-240V SMB GM
BVP382 LED240/CW 200W 220-240V AMB GM
BVP381 LED60/NW 50W 220-240V SWB GM
BVP381 LED60/NW 50W 220-240V SMB GM
BVP381 LED60/NW 50W 220-240V AMB GM
BVP381 LED84/NW 70W 220-240V SWB GM
BVP381 LED84/NW 70W 220-240V SMB GM
BVP381 LED84/NW 70W 220-240V AMB GM
BVP381 LED120/NW 100W 220-240V SWB GM
BVP381 LED120/NW 100W 220-240V SMB GM
BVP381 LED120/NW 100W 220-240V AMB GM
BVP382 LED144/NW 120W 220-240V SWB GM
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BVP381 LED55/WW 50W 220-240V AMB GM
BVP381 LED77/WW 70W 220-240V SWB GM
BVP381 LED77/WW 70W 220-240V SMB GM
BVP381 LED77/WW 70W 220-240V AMB GM
BVP381 LED110/WW 100W 220-240V SWB GM
BVP381 LED110/WW 100W 220-240V SMB GM
BVP381 LED110/WW 100W 220-240V AMB GM
BVP382 LED132/WW 120W 220-240V SWB GM
BVP382 LED132/WW 120W 220-240V SMB GM
BVP382 LED132/WW 120W 220-240V AMB GM
BVP382 LED165/WW 150W 220-240V SWB GM
BVP382 LED165/WW 150W 220-240V SMB GM
BVP382 LED165/WW 150W 220-240V AMB GM
BVP382 LED220/WW 200W 220-240V SWB GM
BVP382 LED220/WW 200W 220-240V SMB GM
BVP382 LED220/WW 200W 220-240V AMB GM

