



Tango G4 LED lighting brightens your world

Tango G4 LED Flood

Philips Tango G4 LED flood lighting is the 4th generation of the Tango LED family. A new range lighting that delivers higher efficacy and has an optimized windage area, and less weight thanks to its technical design. This product introduction is the ideal solution for a wide range of area lighting and recreational sports lighting applications. It incorporates the latest LED light source, one-piece optical system, heat sink and driver into a 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, Tango G4 LED floodlights deliver superior performance and a longer lifetime, bringing area lighting to a whole new level.

Benefits

- Saves 10% more energy than Tango G3
- Covers a wide range of applications
- Optimized design: 23% less weight and 35% less windage area (size) than Tango Gen3
- Create a brighter, energetic, and safer environment
- Robust and reliable design.

Features

- Higher system efficacy with typical 140lm/W
- Full range of lumen packages to cover multiple flood, area, and sport lighting applications.
- Multiple optic options for flexible lighting design
- High quality ADC1 diecast aluminum housing and steel bracket.
- High reliability: housing tested to ISO 9227 Salt Spray Fog Standard (small and medium housing 500 hours, large housing 1000 hours)
- Overall luminaire is rated for IP66 and IK08 protection.

Tango G4 LED Flood

Application

- General flood lighting
- Large industrial areas / Car Park Areas
- Billboard
- Airport Apron
- Port & Container Yard
- Building facades
- Transportation Terminals & Tollways
- Recreational Sports Stadium

Warnings and Safety

- please pay attention to the mounting instructions

Specifications

Material	Housing: die-cast aluminum
	Optics: polycarbonate
Light Source	3030 and SQ5 LED module
Installation	U bracket surface-mounted
Luminous flux	BVP431/BVP491: ~13,000lumen
	BVP432/BVP492: ~27,000lumen
	BVP433/BVP493: ~52,000lumen
Correlated color temperature - CCT	3000K / 4000K/ 5700K
Luminaire efficacy	Up to 140lm/W

Color Rendering index - 70/80	
CRI	
Power	Up to 380W
Mains Voltage	220-240V, 50/60Hz
Control system input	DALI / 1-10V / coded mains
Dimming	DALI / 1-10V / coded mains
Operating Temperature range	-40 to +50 °C (outdoor)
Ingress protection	IP66
Certification	IECEE CB, CQC, CE, SAA

Versions



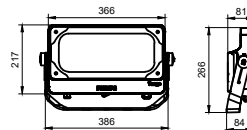
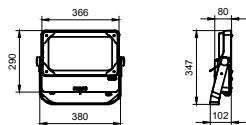
BVP49X



BVP49X

Tango G4 LED Flood

Dimensional drawing



General Information

Driver included	Yes
Service tag	Yes

Light Technical

Color rendering index (CRI)	>70
-----------------------------	-----

Mechanical and Housing

Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP66

Approval and Application

CE mark	Yes
---------	-----

Light Technical

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
911401658507	BVP491 LED136/NW 100W SWB	White	4000 K	13,600 lm
911401678706	BVP431 LED68/NW 220~240V 50W SMB GC	740 neutral white	4000 K	6,800 lm
911401678906	BVP431 LED67/NW 220~240V 50W AMB GC	740 neutral white	4000 K	6,700 lm
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	740 neutral white	4000 K	6,800 lm
911401680406	BVP431 LED92/NW 220~240V 70W SWB GC	740 neutral white	4000 K	9,200 lm
911401680506	BVP431 LED91/NW 220~240V 70W AMB GC	740 neutral white	4000 K	9,100 lm

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
911401680606	BVP431 LED92/CW 220~240V 70W SMB GC	757 cool white	5700 K	9,200 lm
911401680706	BVP431 LED92/CW 220~240V 70W SWB GC	757 cool white	5700 K	9,200 lm
911401680806	BVP431 LED91/CW 220~240V 70W AMB GC	757 cool white	5700 K	9,100 lm
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	740 neutral white	4000 K	9,200 lm
911401682206	BVP431 LED136/NW 220~240V 100W SMB GC	740 neutral white	4000 K	13,600 lm
911401682306	BVP431 LED136/NW 220~240V 100W SWB GC	740 neutral white	4000 K	13,600 lm

Tango G4 LED Flood

Order Code	Full Product Name	Correlated Color		
		Light source	Temperature	Luminous
		color	(Nom)	Flux
911401682406	BVP431 LED134/NW 220~240V 100W AMB GC	740 neutral white	4000 K	13,400 lm
911401682606	BVP431 LED135/CW 220~240V 100W SWB GC	757 cool white	5700 K	13,500 lm
911401688506	BVP432 LED204/CW 220~240V 150W SWB GC	757 cool white	5700 K	20,400 lm
911401688606	BVP432 LED202/CW 220~240V 150W AMB GC	757 cool white	5700 K	20,200 lm
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	740 neutral white	4000 K	20,600 lm
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	740 neutral white	4000 K	20,300 lm
911401690006	BVP432 LED274/NW 220~240V 200W SWB GC	740 neutral white	4000 K	27,400 lm
911401690106	BVP432 LED271/NW 220~240V 200W AMB GC	740 neutral white	4000 K	27,100 lm
911401690206	BVP432 LED272/CW 220~240V 200W SMB GC	757 cool white	5700 K	27,200 lm
911401690306	BVP432 LED272/CW 220~240V 200W SWB GC	757 cool white	5700 K	27,200 lm
911401690406	BVP432 LED269/CW 220~240V 200W AMB GC	757 cool white	5700 K	26,900 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401658507	BVP491 LED136/NW 100W SWB	100 W
911401678706	BVP431 LED68/NW 220~240V 50W SMB GC	50 W
911401678906	BVP431 LED67/NW 220~240V 50W AMB GC	50 W
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	50 W
911401680406	BVP431 LED92/NW 220~240V 70W SWB GC	70 W
911401680506	BVP431 LED91/NW 220~240V 70W AMB GC	70 W
911401680606	BVP431 LED92/CW 220~240V 70W SMB GC	70 W
911401680706	BVP431 LED92/CW 220~240V 70W SWB GC	70 W
911401680806	BVP431 LED91/CW 220~240V 70W AMB GC	70 W
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	70 W
911401682206	BVP431 LED136/NW 220~240V 100W SMB GC	100 W
911401682306	BVP431 LED136/NW 220~240V 100W SWB GC	100 W
911401682406	BVP431 LED134/NW 220~240V 100W AMB GC	100 W

Order Code	Full Product Name	Correlated Color		
		Light source	Temperature	Luminous
		color	(Nom)	Flux
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	740 neutral white	4000 K	27,400 lm
911401663507	BVP492 LED244/WW 200W AMB LP	Warm white	3000 K	24,400 lm
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	757 cool white	5700 K	41,300 lm
911401602507	BVP433 LED430/NW 220~240V 345W SAWB GC	740 neutral white	4000 K	43,000 lm
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	740 neutral white	4000 K	47,700 lm
911401605607	BVP433 LED517/CW 220~240V 380W SMB GC	757 cool white	5700 K	51,700 lm
911401605807	BVP433 LED511/CW 220~240V 380W AMB GC	757 cool white	5700 K	51,100 lm
911401605907	BVP433 LED477/CW 220~240V 380W SAWB GC	757 cool white	5700 K	47,700 lm
911401606007	BVP433 LED522/CW 220~240V 380W NB GC	757 cool white	5700 K	52,200 lm
911401694506	BVP433 LED286/NW 220~240V 230W SAWB GC	740 neutral white	4000 K	28,600 lm
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	740 neutral white	4000 K	40,900 lm

Order Code	Full Product Name	Power Consumption
911401682606	BVP431 LED135/CW 220~240V 100W SWB GC	100 W
911401688506	BVP432 LED204/CW 220~240V 150W SWB GC	150 W
911401688606	BVP432 LED202/CW 220~240V 150W AMB GC	150 W
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	150 W
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	150 W
911401690006	BVP432 LED274/NW 220~240V 200W SWB GC	200 W
911401690106	BVP432 LED271/NW 220~240V 200W AMB GC	200 W
911401690206	BVP432 LED272/CW 220~240V 200W SMB GC	200 W
911401690306	BVP432 LED272/CW 220~240V 200W SWB GC	200 W
911401690406	BVP432 LED269/CW 220~240V 200W AMB GC	200 W
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	200 W
911401663507	BVP492 LED244/WW 200W AMB LP	200 W
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	305 W

Tango G4 LED Flood

Order Code	Full Product Name	Power Consumption
911401602507	BVP433 LED430/NW 220~240V 345W SAWB GC	345 W
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	380 W
911401605607	BVP433 LED517/CW 220~240V 380W SMB GC	380 W
911401605807	BVP433 LED511/CW 220~240V 380W AMB GC	380 W

Order Code	Full Product Name	Power Consumption
911401605907	BVP433 LED477/CW 220~240V 380W SAWB GC	380 W
911401606007	BVP433 LED522/CW 220~240V 380W NB GC	380 W
911401694506	BVP433 LED286/NW 220~240V 230W SAWB GC	230 W
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	305 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401658507	BVP491 LED136/NW 100W SWB	No
911401678706	BVP431 LED68/NW 220~240V 50W SMB GC	No
911401678906	BVP431 LED67/NW 220~240V 50W AMB GC	No
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	No
911401680406	BVP431 LED92/NW 220~240V 70W SWB GC	No
911401680506	BVP431 LED91/NW 220~240V 70W AMB GC	No
911401680606	BVP431 LED92/CW 220~240V 70W SMB GC	No
911401680706	BVP431 LED92/CW 220~240V 70W SWB GC	No
911401680806	BVP431 LED91/CW 220~240V 70W AMB GC	No
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	No
911401682206	BVP431 LED136/NW 220~240V 100W SMB GC	No
911401682306	BVP431 LED136/NW 220~240V 100W SWB GC	No
911401682406	BVP431 LED134/NW 220~240V 100W AMB GC	No
911401682606	BVP431 LED135/CW 220~240V 100W SWB GC	No
911401688506	BVP432 LED204/CW 220~240V 150W SWB GC	No
911401688606	BVP432 LED202/CW 220~240V 150W AMB GC	No
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	No

Order Code	Full Product Name	Dimmable
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	No
911401690006	BVP432 LED274/NW 220~240V 200W SWB GC	No
911401690106	BVP432 LED271/NW 220~240V 200W AMB GC	No
911401690206	BVP432 LED272/CW 220~240V 200W SMB GC	No
911401690306	BVP432 LED272/CW 220~240V 200W SWB GC	No
911401690406	BVP432 LED269/CW 220~240V 200W AMB GC	No
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	No
911401663507	BVP492 LED244/WW 200W AMB LP	Yes
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	No
911401602507	BVP433 LED430/NW 220~240V 345W SAWB GC	No
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	No
911401605607	BVP433 LED517/CW 220~240V 380W SMB GC	No
911401605807	BVP433 LED511/CW 220~240V 380W AMB GC	No
911401605907	BVP433 LED477/CW 220~240V 380W SAWB GC	No
911401606007	BVP433 LED522/CW 220~240V 380W NB GC	No
911401694506	BVP433 LED286/NW 220~240V 230W SAWB GC	No
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	No

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401658507	BVP491 LED136/NW 100W SWB	Glass
911401678706	BVP431 LED68/NW 220~240V 50W SMB GC	Polycarbonate bowl/cover GC
911401678906	BVP431 LED67/NW 220~240V 50W AMB GC	Polycarbonate bowl/cover GC
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	Polycarbonate bowl/cover GM
911401680406	BVP431 LED92/NW 220~240V 70W SWB GC	Polycarbonate bowl/cover GC
911401680506	BVP431 LED91/NW 220~240V 70W AMB GC	Polycarbonate bowl/cover GC
911401680606	BVP431 LED92/CW 220~240V 70W SMB GC	Polycarbonate bowl/cover GC
911401680706	BVP431 LED92/CW 220~240V 70W SWB GC	Polycarbonate bowl/cover GC
911401680806	BVP431 LED91/CW 220~240V 70W AMB GC	Polycarbonate bowl/cover GC
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	Polycarbonate bowl/cover GM
911401682206	BVP431 LED136/NW 220~240V 100W SMB GC	Polycarbonate bowl/cover GC
911401682306	BVP431 LED136/NW 220~240V 100W SWB GC	Polycarbonate bowl/cover GC
911401682406	BVP431 LED134/NW 220~240V 100W AMB GC	Polycarbonate bowl/cover GC

Order Code	Full Product Name	Optical cover type
911401682606	BVP431 LED135/CW 220~240V 100W SWB GC	Polycarbonate bowl/cover GC
911401688506	BVP432 LED204/CW 220~240V 150W SWB GC	Polycarbonate bowl/cover GC
911401688606	BVP432 LED202/CW 220~240V 150W AMB GC	Polycarbonate bowl/cover GC
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	Polycarbonate bowl/cover GM
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	Polycarbonate bowl/cover GM
911401690006	BVP432 LED274/NW 220~240V 200W SWB GC	Polycarbonate bowl/cover GC
911401690106	BVP432 LED271/NW 220~240V 200W AMB GC	Polycarbonate bowl/cover GC
911401690206	BVP432 LED272/CW 220~240V 200W SMB GC	Polycarbonate bowl/cover GC
911401690306	BVP432 LED272/CW 220~240V 200W SWB GC	Polycarbonate bowl/cover GC
911401690406	BVP432 LED269/CW 220~240V 200W AMB GC	Polycarbonate bowl/cover GC
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	Polycarbonate bowl/cover GM

Tango G4 LED Flood

Order Code	Full Product Name	Optical cover type
911401663507	BVP492 LED244/WW 200W AMB LP	Glass
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	Polycarbonate bowl/cover
911401602507	BVP433 LED430/NW 220~240V 345W SAWB GC	Polycarbonate bowl/cover
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	Polycarbonate bowl/cover
911401605607	BVP433 LED517/CW 220~240V 380W SMB GC	Polycarbonate bowl/cover
911401605807	BVP433 LED511/CW 220~240V 380W AMB GC	Polycarbonate bowl/cover

Order Code	Full Product Name	Optical cover type
911401605907	BVP433 LED477/CW 220~240V 380W SAWB GC	Polycarbonate bowl/cover
911401606007	BVP433 LED522/CW 220~240V 380W NB GC	Polycarbonate bowl/cover
911401694506	BVP433 LED286/NW 220~240V 230W SAWB GC	Polycarbonate bowl/cover
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	Polycarbonate bowl/cover

Approval and Application

Order Code	Full Product Name	Flammability mark
911401658507	BVP491 LED136/NW 100W SWB	For mounting on normally flammable surfaces
911401678706	BVP431 LED68/NW 220~240V 50W SMB GC	-
911401678906	BVP431 LED67/NW 220~240V 50W AMB GC	-
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	-
911401680406	BVP431 LED92/NW 220~240V 70W SWB GC	-
911401680506	BVP431 LED91/NW 220~240V 70W AMB GC	-
911401680606	BVP431 LED92/CW 220~240V 70W SMB GC	-
911401680706	BVP431 LED92/CW 220~240V 70W SWB GC	-
911401680806	BVP431 LED91/CW 220~240V 70W AMB GC	-
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	-
911401682206	BVP431 LED136/NW 220~240V 100W SMB GC	-
911401682306	BVP431 LED136/NW 220~240V 100W SWB GC	-
911401682406	BVP431 LED134/NW 220~240V 100W AMB GC	-
911401682606	BVP431 LED135/CW 220~240V 100W SWB GC	-
911401688506	BVP432 LED204/CW 220~240V 150W SWB GC	-
911401688606	BVP432 LED202/CW 220~240V 150W AMB GC	-
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	-

Order Code	Full Product Name	Flammability mark
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	-
911401690006	BVP432 LED274/NW 220~240V 200W SWB GC	-
911401690106	BVP432 LED271/NW 220~240V 200W AMB GC	-
911401690206	BVP432 LED272/CW 220~240V 200W SMB GC	-
911401690306	BVP432 LED272/CW 220~240V 200W SWB GC	-
911401690406	BVP432 LED269/CW 220~240V 200W AMB GC	-
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	-
911401663507	BVP492 LED244/WW 200W AMB LP	For mounting on normally flammable surfaces
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	-
911401602507	BVP433 LED430/NW 220~240V 345W SAWB GC	-
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	-
911401605607	BVP433 LED517/CW 220~240V 380W SMB GC	-
911401605807	BVP433 LED511/CW 220~240V 380W AMB GC	-
911401605907	BVP433 LED477/CW 220~240V 380W SAWB GC	-
911401606007	BVP433 LED522/CW 220~240V 380W NB GC	-
911401694506	BVP433 LED286/NW 220~240V 230W SAWB GC	-
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	-

