



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



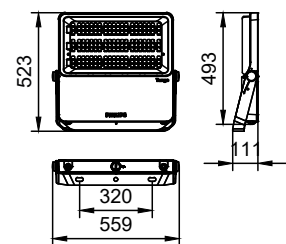
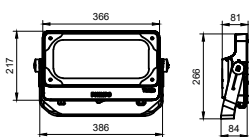
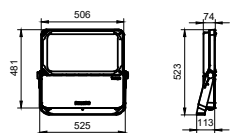
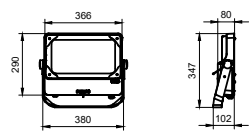
BVP49X



BVP431

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
911401658207	BVP491 LED68/NW 50W SWB	White	4000 K	6,800 lm
911401658307	BVP491 LED93/NW 70W SWB	White	4000 K	9,300 lm
911401658507	BVP491 LED136/NW 100W SWB	White	4000 K	13,600 lm

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
911401665107	BVP493 LED261/WW 230W SAWB	Warm white	3000 K	26,100 lm
911401665207	BVP493 LED341/NW 255W SWB	White	4000 K	34,100 lm
911401665307	BVP493 LED388/WW 305W NB	Warm white	3000 K	38,800 lm

Tango G4 LED Flood

Order Code	Full Product Name	Correlated Color		
		Light source color	Temperature (Nom)	Luminous Flux
911401665507	BVP493 LED485/WW 380W NB	Warm white	3000 K	48,500 lm
911401679406	BVP431 LED68/NW 220~240V 50W SMB GM	740 neutral white	4000 K	6,800 lm
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	740 neutral white	4000 K	6,800 lm
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	740 neutral white	4000 K	6,700 lm
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	740 neutral white	4000 K	9,200 lm
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	740 neutral white	4000 K	9,200 lm
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	740 neutral white	4000 K	9,100 lm
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	757 cool white	5700 K	9,200 lm
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	757 cool white	5700 K	9,200 lm
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	757 cool white	5700 K	9,100 lm
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	740 neutral white	4000 K	13,600 lm
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	740 neutral white	4000 K	13,400 lm
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	757 cool white	5700 K	13,500 lm
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	757 cool white	5700 K	13,500 lm
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	757 cool white	5700 K	13,300 lm
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	757 cool white	5700 K	16,100 lm
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	740 neutral white	4000 K	20,600 lm

Order Code	Full Product Name	Correlated Color		
		Light source color	Temperature (Nom)	Luminous Flux
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
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	757 cool white	5700 K	20,400 lm
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	757 cool white	5700 K	20,400 lm
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	757 cool white	5700 K	20,200 lm
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	740 neutral white	4000 K	27,400 lm
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	740 neutral white	4000 K	27,400 lm
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	740 neutral white	4000 K	27,100 lm
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	757 cool white	5700 K	27,200 lm
911401691206	BVP432 LED272/CW 220~240V 200W SWB GM	757 cool white	5700 K	27,200 lm
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	757 cool white	5700 K	26,900 lm
911401661707	BVP492 LED244/WW 200W AMB	Warm white	3000 K	24,400 lm
911401662607	BVP492 LED201/NW 150W SWB 1-10V P7	White	4000 K	20,100 lm
911401663507	BVP492 LED244/WW 200W AMB LP	Warm white	3000 K	24,400 lm
911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	740 neutral white	4000 K	51,700 lm
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	757 cool white	5700 K	34,400 lm

Tango G4 LED Flood

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401658207	BVP491 LED68/NW 50W SWB	50 W
911401658307	BVP491 LED93/NW 70W SWB	70 W
911401658507	BVP491 LED136/NW 100W SWB	100 W
911401665107	BVP493 LED261/WW 230W SAWB	230 W
911401665207	BVP493 LED341/NW 255W SWB	255 W
911401665307	BVP493 LED388/WW 305W NB	305 W
911401665507	BVP493 LED485/WW 380W NB	380 W
911401679406	BVP431 LED68/NW 220~240V 50W SMB GM	50 W
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	50 W
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	50 W
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	70 W
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	70 W
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	70 W
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	70 W
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	70 W
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	70 W
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	100 W
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	100 W
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	100 W
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	100 W

Order Code	Full Product Name	Power Consumption
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	100 W
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	120 W
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	120 W
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	150 W
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	150 W
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	150 W
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	150 W
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	150 W
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	200 W
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	200 W
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	200 W
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	200 W
911401691206	BVP432 LED272/CW 220~240V 200W SWB GM	200 W
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	200 W
911401661707	BVP492 LED244/WW 200W AMB	200 W
911401662607	BVP492 LED201/NW 150W SWB 1-10V P7	150 W
911401663507	BVP492 LED244/WW 200W AMB LP	200 W
911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	380 W
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	255 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401658207	BVP491 LED68/NW 50W SWB	No
911401658307	BVP491 LED93/NW 70W SWB	No
911401658507	BVP491 LED136/NW 100W SWB	No
911401665107	BVP493 LED261/WW 230W SAWB	No
911401665207	BVP493 LED341/NW 255W SWB	No
911401665307	BVP493 LED388/WW 305W NB	No
911401665507	BVP493 LED485/WW 380W NB	No
911401679406	BVP431 LED68/NW 220~240V 50W SMB GM	No
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	No
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	No
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	No
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	No
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	No
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	No
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	No
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	No
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	No
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	No
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	No
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	No

Order Code	Full Product Name	Dimmable
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	No
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	No
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	No
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	No
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	No
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	No
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	No
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	No
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	No
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	No
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	No
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	No
911401691206	BVP432 LED272/CW 220~240V 200W SWB GM	No
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	No
911401661707	BVP492 LED244/WW 200W AMB	No
911401662607	BVP492 LED201/NW 150W SWB 1-10V P7	Yes
911401663507	BVP492 LED244/WW 200W AMB LP	Yes
911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	No
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	No

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401658207	BVP491 LED68/NW 50W SWB	Glass
911401658307	BVP491 LED93/NW 70W SWB	Glass

Order Code	Full Product Name	Optical cover type
911401658507	BVP491 LED136/NW 100W SWB	Glass
911401665107	BVP493 LED261/WW 230W SAWB	Glass

Tango G4 LED Flood

Order Code	Full Product Name	Optical cover type
911401665207	BVP493 LED341/NW 255W SWB	Glass
911401665307	BVP493 LED388/WW 305W NB	Glass
911401665507	BVP493 LED485/WW 380W NB	Glass
911401679406	BVP431 LED68/NW 220~240V 50W SMB GM	Polycarbonate bowl/cover
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	Polycarbonate bowl/cover
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	Polycarbonate bowl/cover
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	Polycarbonate bowl/cover
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	Polycarbonate bowl/cover
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	Polycarbonate bowl/cover
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	Polycarbonate bowl/cover
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	Polycarbonate bowl/cover
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	Polycarbonate bowl/cover
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	Polycarbonate bowl/cover
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	Polycarbonate bowl/cover
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	Polycarbonate bowl/cover
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	Polycarbonate bowl/cover
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	Polycarbonate bowl/cover
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	Polycarbonate bowl/cover

Approval and Application

Order Code	Full Product Name	Flammability mark
911401658207	BVP491 LED68/NW 50W SWB	For mounting on normally flammable surfaces
911401658307	BVP491 LED93/NW 70W SWB	For mounting on normally flammable surfaces
911401658507	BVP491 LED136/NW 100W SWB	For mounting on normally flammable surfaces
911401665107	BVP493 LED261/WW 230W SAWB	For mounting on normally flammable surfaces
911401665207	BVP493 LED341/NW 255W SWB	For mounting on normally flammable surfaces

Order Code	Full Product Name	Optical cover type
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	Polycarbonate bowl/cover
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	Polycarbonate bowl/cover
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	Polycarbonate bowl/cover
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	Polycarbonate bowl/cover
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	Polycarbonate bowl/cover
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	Polycarbonate bowl/cover
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	Polycarbonate bowl/cover
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	Polycarbonate bowl/cover
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	Polycarbonate bowl/cover
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	Polycarbonate bowl/cover
911401691206	BVP432 LED272/CW 220~240V 200W SWB GM	Polycarbonate bowl/cover
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	Polycarbonate bowl/cover
911401661707	BVP492 LED244/WW 200W AMB	Glass
911401662607	BVP492 LED201/NW 150W SWB 1-10V P7	Glass
911401663507	BVP492 LED244/WW 200W AMB LP	Glass
911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	Polycarbonate bowl/cover
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	Polycarbonate bowl/cover

Order Code	Full Product Name	Flammability mark
911401665307	BVP493 LED388/WW 305W NB	For mounting on normally flammable surfaces
911401665507	BVP493 LED485/WW 380W NB	For mounting on normally flammable surfaces
911401679406	BVP431 LED68/NW 220~240V 50W SMB GM	-
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	-
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	-
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	-
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	-
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	-
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	-
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	-
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	-

Tango G4 LED Flood

Order Code	Full Product Name	Flammability mark
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	-
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	-
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	-
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	-
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	-
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	-
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	-
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	-
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	-
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	-
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	-
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	-
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	-

Order Code	Full Product Name	Flammability mark
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	-
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	-
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	-
911401691206	BVP432 LED272/CW 220~240V 200W SWB GM	-
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	-
911401661707	BVP492 LED244/WW 200W AMB	For mounting on normally flammable surfaces
911401662607	BVP492 LED201/NW 150W SWB 1-10V P7	For mounting on normally flammable surfaces
911401663507	BVP492 LED244/WW 200W AMB LP	For mounting on normally flammable surfaces
911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	-
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	-

