



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



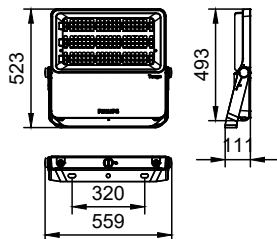
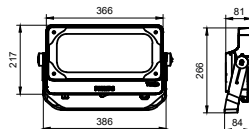
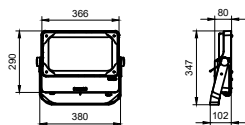
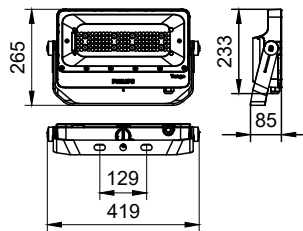
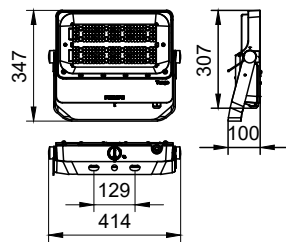
BVP49X



BVP49X

Tango G4 LED Flood

Dimensional drawing



General Information	
CE mark	CE mark
Driver included	Yes
Light Technical	
Color rendering index (CRI)	>70
Mechanical and Housing	
Housing Color	Gray
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP66

General Information

Tango G4 LED Flood

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	-
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	-
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	-
911401661707	BVP492 LED244/WW 200W AMB	For mounting on normally flammable surfaces

Light Technical

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

Order Code	Full Product Name	Flammability mark
911401663507	BVP492 LED244/WW 200W AMB LP	For mounting on normally flammable surfaces
911401600107	BVP433 LED418/NW 220~240V 305W S6 GC	-
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	-
911401602307	BVP433 LED465/NW 220~240V 345W SWB GC	-
911401602907	BVP433 LED465/CW 220~240V 345W SWB GC	-
911401605107	BVP433 LED517/NW 220~240V 380W SWB GC	-
911401605207	BVP433 LED511/NW 220~240V 380W AMB GC	-
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	-
911401605407	BVP433 LED522/NW 220~240V 380W NB 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	-
911401694906	BVP433 LED310/CW 220~240V 230W SWB GC	-
911401695206	BVP433 LED313/CW 220~240V 230W NB GC	-
911401696906	BVP433 LED344/NW 220~240V 255W SMB GC	-
911401697106	BVP433 LED341/NW 220~240V 255W AMB GC	-
911401697506	BVP433 LED344/CW 220~240V 255W SMB GC	-
911401697906	BVP433 LED348/CW 220~240V 255W NB GC	-
911401698506	BVP433 LED341/NW 220~240V 255W AMB GM	-
911401699806	BVP433 LED409/NW 220~240V 305W AMB GC	-
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	-

Order Code	Full Product Name	Light source	Correlated Color Temperature (Nom)	Optical cover type	Luminous Flux
		color			
911401680506	BVP431 LED91/NW 220~240V 70W AMB GC	740 neutral white	4000 K	Polycarbonate bowl/cover	9,100 lm
911401680606	BVP431 LED92/CW 220~240V 70W SMB GC	757 cool white	5700 K	Polycarbonate bowl/cover	9,200 lm
911401680706	BVP431 LED92/CW 220~240V 70W SWB GC	757 cool white	5700 K	Polycarbonate bowl/cover	9,200 lm
911401680806	BVP431 LED91/CW 220~240V 70W AMB GC	757 cool white	5700 K	Polycarbonate bowl/cover	9,100 lm

Tango G4 LED Flood

Order Code	Full Product Name	Light source	Correlated Color Temperature (Nom)	Optical cover type	Luminous Flux
		color			
911401681306	BVP431	740	4000 K	Polycarbonate bowl/cover	9,200 lm
	LED92/NW	neutral			
	220~240V	white			
	70W SWB GM				
911401682206	BVP431	740	4000 K	Polycarbonate bowl/cover	13,600 lm
	LED136/NW	neutral			
	220~240V	white			
	100W SMB GC				
911401682306	BVP431	740	4000 K	Polycarbonate bowl/cover	13,600 lm
	LED136/NW	neutral			
	220~240V	white			
	100W SWB GC				
911401682406	BVP431	740	4000 K	Polycarbonate bowl/cover	13,400 lm
	LED134/NW	neutral			
	220~240V	white			
	100W AMB GC				
911401682606	BVP431	757 cool	5700 K	Polycarbonate bowl/cover	13,500 lm
	LED135/CW	white			
	220~240V				
	100W SWB GC				
911401688506	BVP432	757 cool	5700 K	Polycarbonate bowl/cover	20,400 lm
	LED204/CW	white			
	220~240V				
	150W SWB GC				
911401688606	BVP432	757 cool	5700 K	Polycarbonate bowl/cover	20,200 lm
	LED202/CW	white			
	220~240V				
	150W AMB GC				
911401689106	BVP432	740	4000 K	Polycarbonate bowl/cover	20,600 lm
	LED206/NW	neutral			
	220~240V	white			
	150W SWB GM				
911401689206	BVP432	740	4000 K	Polycarbonate bowl/cover	20,300 lm
	LED203/NW	neutral			
	220~240V	white			
	150W AMB GM				
911401690006	BVP432	740	4000 K	Polycarbonate bowl/cover	27,400 lm
	LED274/NW	neutral			
	220~240V	white			
	200W SWB GC				
911401690106	BVP432	740	4000 K	Polycarbonate bowl/cover	27,100 lm
	LED271/NW	neutral			
	220~240V	white			
	200W AMB GC				
911401690206	BVP432	757 cool	5700 K	Polycarbonate bowl/cover	27,200 lm
	LED272/CW	white			

Order Code	Full Product Name	Light source	Correlated Color Temperature (Nom)	Optical cover type	Luminous Flux
		color			
911401690306	BVP432	757 cool	5700 K	Polycarbonate bowl/cover	27,200 lm
	LED272/CW	white			
911401690406	BVP432	757 cool	5700 K	Polycarbonate bowl/cover	26,900 lm
	LED269/CW	white			
911401690806	BVP432	740	4000 K	Polycarbonate bowl/cover	27,400 lm
	LED274/NW	neutral			
911401661707	BVP492	Warm	3000 K	Glass	24,400 lm
	LED244/WW	white			
911401663507	BVP492	Warm	3000 K	Glass	24,400 lm
	LED244/WW	white			
911401600107	BVP433	740	4000 K	Polycarbonate bowl/cover	41,800 lm
	LED418/NW	neutral			
911401600307	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	41,300 lm
	LED413/CW	white			
911401602307	BVP433	740	4000 K	Polycarbonate bowl/cover	46,500 lm
	LED465/NW	neutral			
911401602907	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	46,500 lm
	LED465/CW	white			
911401605107	BVP433	740	4000 K	Polycarbonate bowl/cover	51,700 lm
	LED517/NW	neutral			
911401605207	BVP433	740	4000 K	Polycarbonate bowl/cover	51,100 lm
	LED511/NW	neutral			

Tango G4 LED Flood

Order Code	Full Product Name	Light	Correlated Color	Optical cover type	Luminous Flux
		source color	Temperature (Nom)		
911401605307	BVP433	740	4000 K	Polycarbonate bowl/cover	47,700 lm
	LED477/NW	neutral			
	220~240V	white			
	380W SAWB GC				
911401605407	BVP433	740	4000 K	Polycarbonate bowl/cover	52,200 lm
	LED522/NW	neutral			
	220~240V	white			
	380W NB GC				
911401605607	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	51,700 lm
	LED517/CW	white			
	220~240V				
	380W SMB GC				
911401605807	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	51,100 lm
	LED511/CW	white			
	220~240V				
	380W AMB GC				
911401605907	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	47,700 lm
	LED477/CW	white			
	220~240V				
	380W SAWB GC				
911401606007	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	52,200 lm
	LED522/CW	white			
	220~240V				
	380W NB GC				
911401694506	BVP433	740	4000 K	Polycarbonate bowl/cover	28,600 lm
	LED286/NW	neutral			
	220~240V	white			
	230W SAWB GC				
911401694906	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	31,000 lm
	LED310/CW	white			

Order Code	Full Product Name	Light	Correlated Color	Optical cover type	Luminous Flux
		source color	Temperature (Nom)		
	220~240V				
	230W SWB GC				
911401695206	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	31,300 lm
	LED313/CW	white			
	220~240V				
	230W NB GC				
911401696906	BVP433	740	4000 K	Polycarbonate bowl/cover	34,400 lm
	LED344/NW	neutral			
	220~240V	white			
	255W SMB GC				
911401697106	BVP433	740	4000 K	Polycarbonate bowl/cover	34,100 lm
	LED341/NW	neutral			
	220~240V	white			
	255W AMB GC				
911401697506	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	34,400 lm
	LED344/CW	white			
	220~240V				
	255W SMB GC				
911401697906	BVP433	757 cool	5700 K	Polycarbonate bowl/cover	34,800 lm
	LED348/CW	white			
	220~240V				
	255W NB GC				
911401698506	BVP433	740	4000 K	Polycarbonate bowl/cover	34,100 lm
	LED341/NW	neutral			
	220~240V	white			
	255W AMB GM				
911401699806	BVP433	740	4000 K	Polycarbonate bowl/cover	41,300 lm
	LED409/NW	neutral			
	220~240V	white			
	305W AMB GC				
911401699906	BVP433	740	4000 K	Polycarbonate bowl/cover	40,900 lm
	LED382/NW	neutral			
	220~240V	white			
	305W SAWB GC				

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
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

Order Code	Full Product Name	Power Consumption
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
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

Tango G4 LED Flood

Order Code	Full Product Name	Power Consumption
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
911401661707	BVP492 LED244/WW 200W AMB	200 W
911401663507	BVP492 LED244/WW 200W AMB LP	200 W
911401600107	BVP433 LED418/NW 220~240V 305W S6 GC	305 W
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	305 W
911401602307	BVP433 LED465/NW 220~240V 345W SWB GC	345 W
911401602907	BVP433 LED465/CW 220~240V 345W SWB GC	345 W
911401605107	BVP433 LED517/NW 220~240V 380W SWB GC	380 W
911401605207	BVP433 LED511/NW 220~240V 380W AMB GC	380 W
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	380 W
911401605407	BVP433 LED522/NW 220~240V 380W NB GC	380 W

Order Code	Full Product Name	Power Consumption
911401605607	BVP433 LED517/CW 220~240V 380W SMB GC	380 W
911401605807	BVP433 LED511/CW 220~240V 380W AMB GC	380 W
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
911401694906	BVP433 LED310/CW 220~240V 230W SWB GC	230 W
911401695206	BVP433 LED313/CW 220~240V 230W NB GC	230 W
911401696906	BVP433 LED344/NW 220~240V 255W SMB GC	255 W
911401697106	BVP433 LED341/NW 220~240V 255W AMB GC	255 W
911401697506	BVP433 LED344/CW 220~240V 255W SMB GC	255 W
911401697906	BVP433 LED348/CW 220~240V 255W NB GC	255 W
911401698506	BVP433 LED341/NW 220~240V 255W AMB GM	255 W
911401699806	BVP433 LED409/NW 220~240V 305W AMB GC	305 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
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
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
911401661707	BVP492 LED244/WW 200W AMB	No

Order Code	Full Product Name	Dimmable
911401663507	BVP492 LED244/WW 200W AMB LP	Yes
911401600107	BVP433 LED418/NW 220~240V 305W S6 GC	No
911401600307	BVP433 LED413/CW 220~240V 305W SWB GC	No
911401602307	BVP433 LED465/NW 220~240V 345W SWB GC	No
911401602907	BVP433 LED465/CW 220~240V 345W SWB GC	No
911401605107	BVP433 LED517/NW 220~240V 380W SWB GC	No
911401605207	BVP433 LED511/NW 220~240V 380W AMB GC	No
911401605307	BVP433 LED477/NW 220~240V 380W SAWB GC	No
911401605407	BVP433 LED522/NW 220~240V 380W NB 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
911401694906	BVP433 LED310/CW 220~240V 230W SWB GC	No
911401695206	BVP433 LED313/CW 220~240V 230W NB GC	No
911401696906	BVP433 LED344/NW 220~240V 255W SMB GC	No
911401697106	BVP433 LED341/NW 220~240V 255W AMB GC	No
911401697506	BVP433 LED344/CW 220~240V 255W SMB GC	No
911401697906	BVP433 LED348/CW 220~240V 255W NB GC	No
911401698506	BVP433 LED341/NW 220~240V 255W AMB GM	No
911401699806	BVP433 LED409/NW 220~240V 305W AMB GC	No
911401699906	BVP433 LED382/NW 220~240V 305W SAWB GC	No

Tango G4 LED Flood

