



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.

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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

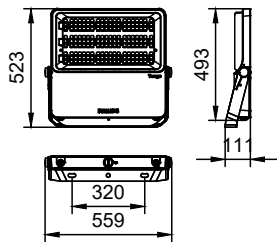
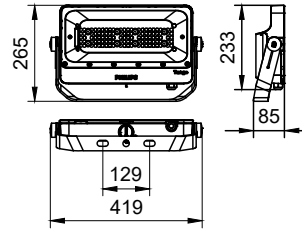
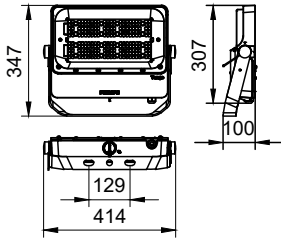
Versions



BVP432

Tango G4 LED Flood

Dimensional drawing



General Information

CE mark	CE mark
Driver included	Yes

Light Technical

Optical cover type	Polycarbonate bowl/cover
Color rendering index (CRI)	>70

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	Gray
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Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66

Light Technical

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
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

Tango G4 LED Flood

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
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
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
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	757 cool white	5700 K	26,900 lm
911401600907	BVP433 LED413/NW 220~240V 305W SMB GM	740 neutral white	4000 K	41,300 lm
911401601007	BVP433 LED413/NW 220~240V 305W SWB GM	740 neutral white	4000 K	41,300 lm
911401601107	BVP433 LED409/NW 220~240V 305W AMB GM	740 neutral white	4000 K	40,900 lm
911401601207	BVP433 LED382/NW 220~240V 305W SAWB GM	740 neutral white	4000 K	38,200 lm
911401601307	BVP433 LED418/NW 220~240V 305W NB GM	740 neutral white	4000 K	41,800 lm
911401601507	BVP433 LED413/CW 220~240V 305W SMB GM	757 cool white	5700 K	41,300 lm
911401601607	BVP433 LED413/CW 220~240V 305W SWB GM	757 cool white	5700 K	41,300 lm
911401601707	BVP433 LED409/CW 220~240V 305W AMB GM	757 cool white	5700 K	40,900 lm
911401601807	BVP433 LED382/CW 220~240V 305W SAWB GM	757 cool white	5700 K	38,200 lm
911401603507	BVP433 LED465/NW 220~240V 345W SMB GM	740 neutral white	4000 K	46,500 lm
911401603607	BVP433 LED465/NW 220~240V 345W SWB GM	740 neutral white	4000 K	46,500 lm

Tango G4 LED Flood

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
911401603707	BVP433 LED460/NW 220~240V 345W AMB GM	740 neutral white	4000 K	46,000 lm
911401603807	BVP433 LED430/NW 220~240V 345W SAWB GM	740 neutral white	4000 K	43,000 lm
911401604107	BVP433 LED465/CW 220~240V 345W SMB GM	757 cool white	5700 K	46,500 lm
911401604207	BVP433 LED465/CW 220~240V 345W SWB GM	757 cool white	5700 K	46,500 lm
911401604307	BVP433 LED460/CW 220~240V 345W AMB GM	757 cool white	5700 K	46,000 lm
911401604407	BVP433 LED430/CW 220~240V 345W SAWB GM	757 cool white	5700 K	43,000 lm
911401604507	BVP433 LED470/CW 220~240V 345W NB GM	757 cool white	5700 K	47,000 lm
911401606507	BVP433 LED517/NW 220~240V 380W SMB GM	740 neutral white	4000 K	51,700 lm
911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	740 neutral white	4000 K	51,700 lm
911401606707	BVP433 LED511/NW 220~240V 380W AMB GM	740 neutral white	4000 K	51,100 lm
911401606807	BVP433 LED477/NW 220~240V 380W SAWB GM	740 neutral white	4000 K	47,700 lm
911401606907	BVP433 LED522/NW 220~240V 380W NB GM	740 neutral white	4000 K	52,200 lm
911401607007	BVP433 LED522/NW 220~240V 380W S6 GM	740 neutral white	4000 K	52,200 lm
911401607107	BVP433 LED517/CW 220~240V 380W SMB GM	757 cool white	5700 K	51,700 lm
911401607207	BVP433 LED517/CW 220~240V 380W SWB GM	757 cool white	5700 K	51,700 lm
911401607307	BVP433 LED511/CW 220~240V 380W AMB GM	757 cool white	5700 K	51,100 lm
911401607407	BVP433 LED477/CW 220~240V 380W SAWB GM	757 cool white	5700 K	47,700 lm
911401607507	BVP433 LED522/CW 220~240V 380W NB GM	757 cool white	5700 K	52,200 lm
911401695506	BVP433 LED310/NW 220~240V 230W SMB GM	740 neutral white	4000 K	31,000 lm
911401695606	BVP433 LED310/NW 220~240V 230W SWB GM	740 neutral white	4000 K	31,000 lm
911401695706	BVP433 LED307/NW 220~240V 230W AMB GM	740 neutral white	4000 K	30,700 lm
911401695806	BVP433 LED286/NW 220~240V 230W SAWB GM	740 neutral white	4000 K	28,600 lm
911401695906	BVP433 LED313/NW 220~240V 230W NB GM	740 neutral white	4000 K	31,300 lm
911401696006	BVP433 LED313/NW 220~240V 230W S6 GM	740 neutral white	4000 K	31,300 lm
911401696206	BVP433 LED310/CW 220~240V 230W SWB GM	757 cool white	5700 K	31,000 lm

Tango G4 LED Flood

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
911401696506	BVP433 LED313/CW 220~240V 230W NB GM	757 cool white	5700 K	31,300 lm
911401698306	BVP433 LED344/NW 220~240V 255W SMB GM	740 neutral white	4000 K	34,400 lm
911401698406	BVP433 LED344/NW 220~240V 255W SWB GM	740 neutral white	4000 K	34,400 lm
911401698506	BVP433 LED341/NW 220~240V 255W AMB GM	740 neutral white	4000 K	34,100 lm
911401698706	BVP433 LED348/NW 220~240V 255W NB GM	740 neutral white	4000 K	34,800 lm
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	757 cool white	5700 K	34,400 lm
911401699006	BVP433 LED344/CW 220~240V 255W SWB GM	757 cool white	5700 K	34,400 lm
911401699306	BVP433 LED348/CW 220~240V 255W NB GM	757 cool white	5700 K	34,800 lm
911401699406	BVP433 LED348/CW 220~240V 255W S6 GM	757 cool white	5700 K	34,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401679406	BVP431 LED68/NW 220~240V 50W SMB GM	50 W	911401601207	BVP433 LED382/NW 220~240V 305W SAWB GM	305 W
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	50 W	911401601307	BVP433 LED418/NW 220~240V 305W NB GM	305 W
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	50 W	911401601507	BVP433 LED413/CW 220~240V 305W SMB GM	305 W
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	70 W	911401601607	BVP433 LED413/CW 220~240V 305W SWB GM	305 W
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	70 W	911401601707	BVP433 LED409/CW 220~240V 305W AMB GM	305 W
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	70 W	911401601807	BVP433 LED382/CW 220~240V 305W SAWB GM	305 W
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	70 W	911401603507	BVP433 LED465/NW 220~240V 345W SMB GM	345 W
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	70 W	911401603607	BVP433 LED465/NW 220~240V 345W SWB GM	345 W
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	70 W	911401603707	BVP433 LED460/NW 220~240V 345W AMB GM	345 W
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	100 W	911401603807	BVP433 LED430/NW 220~240V 345W SAWB GM	345 W
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	100 W	911401604107	BVP433 LED465/CW 220~240V 345W SMB GM	345 W
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	100 W	911401604207	BVP433 LED465/CW 220~240V 345W SWB GM	345 W
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	100 W	911401604307	BVP433 LED460/CW 220~240V 345W AMB GM	345 W
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	100 W	911401604407	BVP433 LED430/CW 220~240V 345W SAWB GM	345 W
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	120 W	911401604507	BVP433 LED470/CW 220~240V 345W NB GM	345 W
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	120 W	911401606507	BVP433 LED517/NW 220~240V 380W SMB GM	380 W
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	150 W	911401606607	BVP433 LED517/NW 220~240V 380W SWB GM	380 W
911401689206	BVP432 LED203/NW 220~240V 150W AMB GM	150 W	911401606707	BVP433 LED511/NW 220~240V 380W AMB GM	380 W
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	150 W	911401606807	BVP433 LED477/NW 220~240V 380W SAWB GM	380 W
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	150 W	911401606907	BVP433 LED522/NW 220~240V 380W NB GM	380 W
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	150 W	911401607007	BVP433 LED522/NW 220~240V 380W S6 GM	380 W
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	200 W	911401607107	BVP433 LED517/CW 220~240V 380W SMB GM	380 W
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	200 W	911401607207	BVP433 LED517/CW 220~240V 380W SWB GM	380 W
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	200 W	911401607307	BVP433 LED511/CW 220~240V 380W AMB GM	380 W
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	200 W	911401607407	BVP433 LED477/CW 220~240V 380W SAWB GM	380 W
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	200 W	911401607507	BVP433 LED522/CW 220~240V 380W NB GM	380 W
911401600907	BVP433 LED413/NW 220~240V 305W SMB GM	305 W	911401695506	BVP433 LED310/NW 220~240V 230W SMB GM	230 W
911401601007	BVP433 LED413/NW 220~240V 305W SWB GM	305 W	911401695606	BVP433 LED310/NW 220~240V 230W SWB GM	230 W
911401601107	BVP433 LED409/NW 220~240V 305W AMB GM	305 W	911401695706	BVP433 LED307/NW 220~240V 230W AMB GM	230 W

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Order Code	Full Product Name	Power Consumption
911401695806	BVP433 LED286/NW 220~240V 230W SAWB GM	230 W
911401695906	BVP433 LED313/NW 220~240V 230W NB GM	230 W
911401696006	BVP433 LED313/NW 220~240V 230W S6 GM	230 W
911401696206	BVP433 LED310/CW 220~240V 230W SWB GM	230 W
911401696506	BVP433 LED313/CW 220~240V 230W NB GM	230 W
911401698306	BVP433 LED344/NW 220~240V 255W SMB GM	255 W
911401698406	BVP433 LED344/NW 220~240V 255W SWB GM	255 W

Order Code	Full Product Name	Power Consumption
911401698506	BVP433 LED341/NW 220~240V 255W AMB GM	255 W
911401698706	BVP433 LED348/NW 220~240V 255W NB GM	255 W
911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	255 W
911401699006	BVP433 LED344/CW 220~240V 255W SWB GM	255 W
911401699306	BVP433 LED348/CW 220~240V 255W NB GM	255 W
911401699406	BVP433 LED348/CW 220~240V 255W S6 GM	255 W

