



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	Color Rendering index - 70/80
	Optics: polycarbonate	
Light Source	3030 and SQ5 LED module	CRI
Installation	U bracket surface-mounted	Power
Luminous flux	BVP431/BVP491: ~13,000lumen	Up to 380W
	BVP432/BVP492: ~27,000lumen	Mains Voltage
	BVP433/BVP493: ~52,000lumen	
Correlated color temperature - CCT	3000K / 4000K/ 5700K	Control system input
	Luminaire efficacy	Up to 140lm/W
Dimming		
DALI / 1-10V / coded mains		
Operating Temperature range		
-40 to +50 °C (outdoor)		
Ingress protection	IP66	Certification

General Information

Driver included	Yes
Service tag	Yes

Light Technical

Color rendering index (CRI)	>70
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Optical cover type	Polycarbonate bowl/cover
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP66

Approval and Application

CE mark	Yes
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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

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Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
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
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	740 neutral white	4000 K	20,600 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
911401601007	BVP433 LED413/NW 220~240V 305W SWB GM	740 neutral white	4000 K	41,300 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
911401601607	BVP433 LED413/CW 220~240V 305W SWB GM	757 cool white	5700 K	41,300 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
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

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Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
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
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
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
911401607907	BVP433 LED384/CW 300W AMB CM GM	757 cool white	5700 K	38,400 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
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
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

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Order Code	Full Product Name	Correlated Color		
		Light source color	Temperature (Nom)	Luminous Flux
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	911401603507	BVP433 LED465/NW 220~240V 345W SMB GM	345 W
911401679506	BVP431 LED68/NW 220~240V 50W SWB GM	50 W	911401603607	BVP433 LED465/NW 220~240V 345W SWB GM	345 W
911401679606	BVP431 LED67/NW 220~240V 50W AMB GM	50 W	911401603807	BVP433 LED430/NW 220~240V 345W SAWB GM	345 W
911401681206	BVP431 LED92/NW 220~240V 70W SMB GM	70 W	911401604107	BVP433 LED465/CW 220~240V 345W SMB GM	345 W
911401681306	BVP431 LED92/NW 220~240V 70W SWB GM	70 W	911401604207	BVP433 LED465/CW 220~240V 345W SWB GM	345 W
911401681406	BVP431 LED91/NW 220~240V 70W AMB GM	70 W	911401604407	BVP433 LED430/CW 220~240V 345W SAWB GM	345 W
911401681506	BVP431 LED92/CW 220~240V 70W SMB GM	70 W	911401604507	BVP433 LED470/CW 220~240V 345W NB GM	345 W
911401681606	BVP431 LED92/CW 220~240V 70W SWB GM	70 W	911401606507	BVP433 LED517/NW 220~240V 380W SMB GM	380 W
911401681706	BVP431 LED91/CW 220~240V 70W AMB GM	70 W	911401606707	BVP433 LED511/NW 220~240V 380W AMB GM	380 W
911401683206	BVP431 LED136/NW 220~240V 100W SWB GM	100 W	911401606807	BVP433 LED477/NW 220~240V 380W SAWB GM	380 W
911401683306	BVP431 LED134/NW 220~240V 100W AMB GM	100 W	911401606907	BVP433 LED522/NW 220~240V 380W NB GM	380 W
911401683406	BVP431 LED135/CW 220~240V 100W SMB GM	100 W	911401607007	BVP433 LED522/NW 220~240V 380W S6 GM	380 W
911401683506	BVP431 LED135/CW 220~240V 100W SWB GM	100 W	911401607107	BVP433 LED517/CW 220~240V 380W SMB GM	380 W
911401683606	BVP431 LED133/CW 220~240V 100W AMB GM	100 W	911401607307	BVP433 LED511/CW 220~240V 380W AMB GM	380 W
911401687606	BVP432 LED161/CW 220~240V 120W SWB GM	120 W	911401607407	BVP433 LED477/CW 220~240V 380W SAWB GM	380 W
911401689006	BVP432 LED206/NW 220~240V 150W SMB GM	120 W	911401607507	BVP433 LED522/CW 220~240V 380W NB GM	380 W
911401689106	BVP432 LED206/NW 220~240V 150W SWB GM	150 W	911401607907	BVP433 LED384/CW 300W AMB CM GM	300 W
911401689306	BVP432 LED204/CW 220~240V 150W SMB GM	150 W	911401695506	BVP433 LED310/NW 220~240V 230W SMB GM	230 W
911401689406	BVP432 LED204/CW 220~240V 150W SWB GM	150 W	911401695606	BVP433 LED310/NW 220~240V 230W SWB GM	230 W
911401689506	BVP432 LED202/CW 220~240V 150W AMB GM	150 W	911401695706	BVP433 LED307/NW 220~240V 230W AMB GM	230 W
911401690806	BVP432 LED274/NW 220~240V 200W SMB GM	200 W	911401695806	BVP433 LED286/NW 220~240V 230W SAWB GM	230 W
911401690906	BVP432 LED274/NW 220~240V 200W SWB GM	200 W	911401695906	BVP433 LED313/NW 220~240V 230W NB GM	230 W
911401691006	BVP432 LED271/NW 220~240V 200W AMB GM	200 W	911401696006	BVP433 LED313/NW 220~240V 230W S6 GM	230 W
911401691106	BVP432 LED272/CW 220~240V 200W SMB GM	200 W	911401696206	BVP433 LED310/CW 220~240V 230W SWB GM	230 W
911401691206	BVP432 LED272/CW 220~240V 200W SWB GM	200 W	911401696506	BVP433 LED313/CW 220~240V 230W NB GM	230 W
911401691306	BVP432 LED269/CW 220~240V 200W AMB GM	200 W	911401698306	BVP433 LED344/NW 220~240V 255W SMB GM	255 W
911401601007	BVP433 LED413/NW 220~240V 305W SWB GM	305 W	911401698406	BVP433 LED344/NW 220~240V 255W SWB GM	255 W
911401601207	BVP433 LED382/NW 220~240V 305W SAWB GM	305 W	911401698706	BVP433 LED348/NW 220~240V 255W NB GM	255 W
911401601307	BVP433 LED418/NW 220~240V 305W NB GM	305 W	911401698906	BVP433 LED344/CW 220~240V 255W SMB GM	255 W
911401601607	BVP433 LED413/CW 220~240V 305W SWB GM	305 W	911401699006	BVP433 LED344/CW 220~240V 255W SWB GM	255 W
911401601807	BVP433 LED382/CW 220~240V 305W SAWB GM	305 W	911401699406	BVP433 LED348/CW 220~240V 255W S6 GM	255 W

