

UltraEfficient and Versatile LED Floodlight

Tango Pro

Tango Pro LED floodlight is the fifth generation of the Tango LED floodlight. Tango Pro takes efficiency to the next level, delivering industry-best efficiency in a compact but elegant design. The luminaire can be applied in a versatile range of applications, from area lighting to recreational sports facilities. The LED driver comes in compact and robust housing that meets globally recognized safety standards. Its specially designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. The modular, streamlined luminaire silhouette offers a visually balanced design. Tango Pro LED floodlight is engineered to create brighter and safer environments. Powered by the latest LED technology, Tango Pro delivers superior performance in both light distribution and UltraEfficiency 170lm/W and up to 200lm/W. The long luminaire lifetime and recyclable materials supports your efforts to meet sustainability targets.

Benefits

- Product comes in High Efficiency and UltraEfficient versions for low carbon emissions and energy savings.
- 6 optics, 12 driver options and accessories (external louvers, safety chain, aiming device) allow you to meet a wide range of application requirements.
- Connected and system-ready (ready for interact and ZD4i) to be compatible with Interact platform.
- Appealing and sustainable design, and robust materials provide durability, robust quality and reliability against harsh environments.

Tango Pro

Features

- UltraEfficiency version offers 170lm/W and system efficacy up to 200lm/W.
- Lumen packages ranging from 8,500 lumens to 85,000 lumens.
- High quality ADC1 diecast aluminum housing and stainless-steel bracket.
- 1,000 hrs/2,000 hrs marine salt protection (MSP) for coastline applications.
- IP66 ingress protection rating and IK08 impact protection rating.
- 100K cycles vibration tests at 3G in X, Y, and Z axis directions and 6G for crane version.
- Withstand 150km/h+ typhoon.
- 75K hours lifetime (L70, @ta=50°C).
- Certified operation at ambient temperature of 50°C.
- 5-year warranty.

Application

- Airports
- Arena and sports
- Parking garages
- Buildings, monuments, and façades
- Transportation terminals and tollways
- Billboard
- Ports and container yard
- Large industrial areas

Warnings and Safety

- For coastline applications, 2,000 hours (or above) MSP recommended (liability for wear-and-tear damages exempted)
- Not suitable for chemical industrial areas
- Not suitable for installation on moving objects

Specifications

Material	Housing: die-cast aluminium
	Bracket: carbon steel and stainless steel optional
Light Source	LED module
Installation	Surface mounted with Bolts M16, Flat washer D16, Spring washer D16
Connection	1.5m leading cable
Luminous flux	Up to 80000lm at ta=50℃
Correlated color temperature - CCT	5050：718/722/727/730/740/750/757/830/840/857
Luminaire efficacy	Typical 170lm/W
	Up to 200lm/W
Color Rendering index - CRI	CRI70, CRI80
Optical distribution	NB：13° ; SMB: 57°
	S6：24° ; SWB: 78° *27°
	AMB: Asym 36° and 92° * 52°
	SAWB：Asym 61° and 118° *15°

Luminaire light beam spread	Symmetrical narrow Beam
	Symmetrical Middle Beam
	Symmetrical Wide Beam
	Super Asymmetric Wide Beam
Power	Up to 510W
Mains Voltage	Depending on driver configured， 220-240V for EP 1-10V; DALI; Coded Mains; SR, 110-277V for GL
Control system input	DALI / 1-10V / coded mains
Dimming	DALI / 1-10V
Operating Temperature range	-40 to +50 ºC for config at ta=50C
Accessories	Safety chain
	Unified aiming device same as AVOV
	* aiming device adaptor to be ordered separately
Ingress protection	IP66
Certification	CB/EMC/CQC/SAA

Tango Pro

Versions

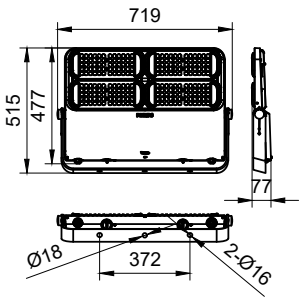


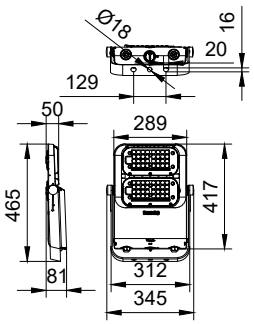
Tango Pro, floodlight

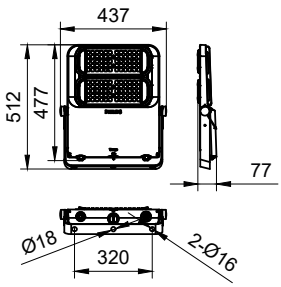


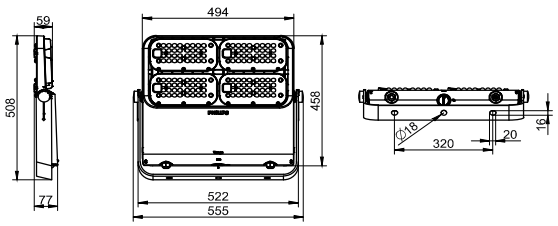
Tango Pro, floodlight

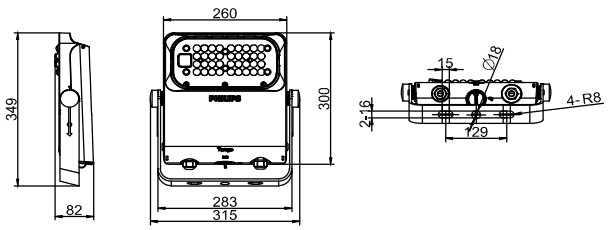
Dimensional drawing











Product details



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Product details



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General Information	
Driver included	Yes
Mechanical and Housing	
Optical cover type	Polycarbonate
Housing Color	RAL7040
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes
Flammability mark	-

General Information

Order Code	Full Product Name	Service tag
911401612009	BVP565 LED672/740 430W EP SWB	Yes
911401612309	BVP565 LED672/750 430W EP SWB	Yes
911401612609	BVP565 LED672/757 430W EP SWB	Yes
911401612709	BVP565 LED577/730 430W EP SAWB P7	Yes
911401612809	BVP565 LED577/730 430W EP SAWB	Yes
911401612909	BVP565 LED672/740 430W EP NB	Yes
911401613009	BVP565 LED672/740 430W EP S6	Yes
911401613109	BVP565 LED672/750 430W EP NB	Yes
911401613209	BVP565 LED672/750 430W EP S6	Yes
911401613309	BVP565 LED672/757 430W EP NB	Yes
911401613409	BVP565 LED672/757 430W EP S6	Yes
911401613809	BVP565 LED558/730 370W FP SWB	Yes
911401613909	BVP565 LED601/740 370W FP SWB	Yes
911401614209	BVP565 LED601/750 370W FP SWB	Yes
911401614509	BVP565 LED601/757 370W FP SWB	Yes
911401614709	BVP565 LED601/740 370W FP NB	Yes
911401614809	BVP565 LED601/740 370W FP S6	Yes
911401614909	BVP565 LED601/750 370W FP NB	Yes
911401615009	BVP565 LED601/750 370W FP S6	Yes
911401615109	BVP565 LED601/757 370W FP NB	Yes
911401615209	BVP565 LED601/757 370W FP S6	Yes

Order Code	Full Product Name	Service tag
911401644209	BVP565 LED800/740 470W EP AMB	Yes
911401644309	BVP565 LED800/740 470W EP SMB	Yes
911401607109	BVP563 LED336/740 220W EP SWB	Yes
911401607509	BVP563 LED336/750 220W EP SWB	Yes
911401607809	BVP563 LED336/757 220W EP SWB	Yes
911401607909	BVP563 LED288/730 220W EP SAWB	Yes
911401610409	BVP563 LED288/730 220W EP SAWB P7	Yes
911401643809	BVP563 LED375/740 220W EP AMB	Yes
911401643909	BVP563 LED375/740 220W EP SMB	Yes
911401644009	BVP563 LED355/840 220W EP SMB	Yes
911401661909	BVP561 LED102/740 60W PSU SWBC	-
911401662209	BVP561 LED135/740 78W PSU SWBC	-
911401662709	BVP561 LED187/740 120W EP AMB	-
911401649809	BVP564 LED530/757 310W PSU AMB	-
911401649909	BVP564 LED530/740 310W PSU SMB	-
911401650009	BVP564 LED530/757 310W PSU SMB	-
911401651009	BVP564 LED530/757 310W EP AMB	-
911401651209	BVP564 LED530/757 310W EP SMB	-
911401651409	BVP564 LED625/740 380W EP SMB	-
911401652009	BVP564 LED555/740 380W EP NB	-
911401663409	BVP562 LED204/740 120W PSU SWBC	-

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
911401612009	BVP565 LED672/740 430W EP SWB	-	750 neutral white	4000 K	70	67,200 lm
911401612309	BVP565 LED672/750 430W EP SWB	-	750 neutral white	5000 K	70	67,200 lm
911401612609	BVP565 LED672/757 430W EP SWB	-	757 cool white	5700 K	70	67,200 lm
911401612709	BVP565 LED577/730 430W EP SAWB P7	-	730 warm white	3000 K	70	57,700 lm
911401612809	BVP565 LED577/730 430W EP SAWB	-	730 warm white	3000 K	70	57,700 lm
911401612909	BVP565 LED672/740 430W EP NB	-	740 neutral white	4000 K	70	67,200 lm
911401613009	BVP565 LED672/740 430W EP S6	-	740 neutral white	4000 K	70	67,200 lm
911401613109	BVP565 LED672/750 430W EP NB	-	750 neutral white	5000 K	70	67,200 lm
911401613209	BVP565 LED672/750 430W EP S6	-	750 neutral white	5000 K	70	67,200 lm
911401613309	BVP565 LED672/757 430W EP NB	-	757 cool white	5700 K	70	67,200 lm
911401613409	BVP565 LED672/757 430W EP S6	-	757 cool white	5700 K	70	67,200 lm
911401613809	BVP565 LED558/730 370W FP SWB	-	730 warm white	3000 K	70	55,800 lm
911401613909	BVP565 LED601/740 370W FP SWB	-	740 neutral white	4000 K	70	60,100 lm
911401614209	BVP565 LED601/750 370W FP SWB	-	750 neutral white	5000 K	70	60,100 lm
911401614509	BVP565 LED601/757 370W FP SWB	-	757 cool white	5700 K	70	60,100 lm
911401614709	BVP565 LED601/740 370W FP NB	-	740 neutral white	4000 K	70	60,100 lm
911401614809	BVP565 LED601/740 370W FP S6	-	740 neutral white	4000 K	70	60,100 lm
911401614909	BVP565 LED601/750 370W FP NB	-	750 neutral white	5000 K	70	60,100 lm
911401615009	BVP565 LED601/750 370W FP S6	-	750 neutral white	5000 K	70	60,100 lm
911401615109	BVP565 LED601/757 370W FP NB	-	757 cool white	5700 K	70	60,100 lm
911401615209	BVP565 LED601/757 370W FP S6	-	757 cool white	5700 K	70	60,100 lm
911401644209	BVP565 LED800/740 470W EP AMB	-	740 neutral white	4000 K	70	80,000 lm
911401644309	BVP565 LED800/740 470W EP SMB	-	740 neutral white	4000 K	70	80,000 lm
911401607109	BVP563 LED336/740 220W EP SWB	-	740 neutral white	4000 K	70	33,600 lm
911401607509	BVP563 LED336/750 220W EP SWB	-	750 neutral white	5000 K	70	33,600 lm
911401607809	BVP563 LED336/757 220W EP SWB	-	757 cool white	5700 K	70	33,600 lm
911401607909	BVP563 LED288/730 220W EP SAWB	-	730 warm white	3000 K	70	28,800 lm
911401610409	BVP563 LED288/730 220W EP SAWB P7	-	730 warm white	3000 K	70	28,800 lm
911401643809	BVP563 LED375/740 220W EP AMB	-	740 neutral white	4000 K	70	37,500 lm
911401643909	BVP563 LED375/740 220W EP SMB	-	740 neutral white	4000 K	70	37,500 lm
911401644009	BVP563 LED355/840 220W EP SMB	-	840 neutral white	4000 K	80	35,500 lm
911401661909	BVP561 LED102/740 60W PSU SWBC	92° x 55°	740 neutral white	4000 K	70	10,200 lm
911401662209	BVP561 LED135/740 78W PSU SWBC	92° x 55°	740 neutral white	4000 K	70	13,500 lm
911401662709	BVP561 LED187/740 120W EP AMB	55°	740 neutral white	4000 K	70	18,714 lm
911401649809	BVP564 LED530/757 310W PSU AMB	91.6° x 55.1° x 34°	757 cool white	5700 K	70	53,000 lm
911401649909	BVP564 LED530/740 310W PSU SMB	55°	740 neutral white	4000 K	70	53,000 lm
911401650009	BVP564 LED530/757 310W PSU SMB	55°	757 cool white	5700 K	70	53,000 lm
911401651009	BVP564 LED530/757 310W EP AMB	91.6° x 55.1° x 34°	757 cool white	5700 K	70	53,000 lm
911401651209	BVP564 LED530/757 310W EP SMB	55°	757 cool white	5700 K	70	53,000 lm
911401651409	BVP564 LED625/740 380W EP SMB	55°	740 neutral white	4000 K	70	62,500 lm
911401652009	BVP564 LED555/740 380W EP NB	12°	740 neutral white	4000 K	70	55,500 lm
911401663409	BVP562 LED204/740 120W PSU SWBC	88°	White	4000 K	70	20,400 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401612009	BVP565 LED672/740 430W EP SWB	470 W
911401612309	BVP565 LED672/750 430W EP SWB	430 W
911401612609	BVP565 LED672/757 430W EP SWB	430 W
911401612709	BVP565 LED577/730 430W EP SAWB P7	430 W
911401612809	BVP565 LED577/730 430W EP SAWB	430 W

Order Code	Full Product Name	Power Consumption
911401612909	BVP565 LED672/740 430W EP NB	430 W
911401613009	BVP565 LED672/740 430W EP S6	430 W
911401613109	BVP565 LED672/750 430W EP NB	430 W
911401613209	BVP565 LED672/750 430W EP S6	430 W
911401613309	BVP565 LED672/757 430W EP NB	430 W

Order Code	Full Product Name	Power Consumption
911401613409	BVP565 LED672/757 430W EP S6	430 W
911401613809	BVP565 LED558/730 370W FP SWB	370 W
911401613909	BVP565 LED601/740 370W FP SWB	370 W
911401614209	BVP565 LED601/750 370W FP SWB	370 W
911401614509	BVP565 LED601/757 370W FP SWB	370 W
911401614709	BVP565 LED601/740 370W FP NB	370 W
911401614809	BVP565 LED601/740 370W FP S6	370 W
911401614909	BVP565 LED601/750 370W FP NB	370 W
911401615009	BVP565 LED601/750 370W FP S6	370 W
911401615109	BVP565 LED601/757 370W FP NB	370 W
911401615209	BVP565 LED601/757 370W FP S6	370 W
911401644209	BVP565 LED800/740 470W EP AMB	470 W
911401644309	BVP565 LED800/740 470W EP SMB	470 W
911401607109	BVP563 LED336/740 220W EP SWB	220 W
911401607509	BVP563 LED336/750 220W EP SWB	220 W
911401607809	BVP563 LED336/757 220W EP SWB	220 W

Order Code	Full Product Name	Power Consumption
911401607909	BVP563 LED288/730 220W EP SAWB	220 W
911401610409	BVP563 LED288/730 220W EP SAWB P7	220 W
911401643809	BVP563 LED375/740 220W EP AMB	220 W
911401643909	BVP563 LED375/740 220W EP SMB	220 W
911401644009	BVP563 LED355/840 220W EP SMB	220 W
911401661909	BVP561 LED102/740 60W PSU SWBC	60 W
911401662209	BVP561 LED135/740 78W PSU SWBC	78 W
911401662709	BVP561 LED187/740 120W EP AMB	120 W
911401649809	BVP564 LED530/757 310W PSU AMB	310 W
911401649909	BVP564 LED530/740 310W PSU SMB	310 W
911401650009	BVP564 LED530/757 310W PSU SMB	310 W
911401651009	BVP564 LED530/757 310W EP AMB	310 W
911401651209	BVP564 LED530/757 310W EP SMB	310 W
911401651409	BVP564 LED625/740 380W EP SMB	380 W
911401652009	BVP564 LED555/740 380W EP NB	380 W
911401663409	BVP562 LED204/740 120W PSU SWBC	180 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401612009	BVP565 LED672/740 430W EP SWB	1-10V	-
911401612309	BVP565 LED672/750 430W EP SWB	1-10V	-
911401612609	BVP565 LED672/757 430W EP SWB	1-10V	-
911401612709	BVP565 LED577/730 430W EP SAWB P7	1-10V	-
911401612809	BVP565 LED577/730 430W EP SAWB	1-10V	-
911401612909	BVP565 LED672/740 430W EP NB	1-10V	-
911401613009	BVP565 LED672/740 430W EP S6	1-10V	-
911401613109	BVP565 LED672/750 430W EP NB	1-10V	-
911401613209	BVP565 LED672/750 430W EP S6	1-10V	-
911401613309	BVP565 LED672/757 430W EP NB	1-10V	-
911401613409	BVP565 LED672/757 430W EP S6	1-10V	-
911401613809	BVP565 LED558/730 370W FP SWB	DALI	-
911401613909	BVP565 LED601/740 370W FP SWB	DALI	-
911401614209	BVP565 LED601/750 370W FP SWB	DALI	-
911401614509	BVP565 LED601/757 370W FP SWB	DALI	-
911401614709	BVP565 LED601/740 370W FP NB	DALI	-
911401614809	BVP565 LED601/740 370W FP S6	DALI	-
911401614909	BVP565 LED601/750 370W FP NB	DALI	-
911401615009	BVP565 LED601/750 370W FP S6	DALI	-
911401615109	BVP565 LED601/757 370W FP NB	DALI	-
911401615209	BVP565 LED601/757 370W FP S6	DALI	-

Order Code	Full Product Name	Dimmable	Maximum dim level
911401644209	BVP565 LED800/740 470W EP AMB	1-10V	-
911401644309	BVP565 LED800/740 470W EP SMB	1-10V	-
911401607109	BVP563 LED336/740 220W EP SWB	1-10V	-
911401607509	BVP563 LED336/750 220W EP SWB	1-10V	-
911401607809	BVP563 LED336/757 220W EP SWB	1-10V	-
911401607909	BVP563 LED288/730 220W EP SAWB	1-10V	-
911401610409	BVP563 LED288/730 220W EP SAWB P7	1-10V	-
911401643809	BVP563 LED375/740 220W EP AMB	1-10V	-
911401643909	BVP563 LED375/740 220W EP SMB	1-10V	-
911401644009	BVP563 LED355/840 220W EP SMB	1-10V	-
911401661909	BVP561 LED102/740 60W PSU SWBC	-	-
911401662209	BVP561 LED135/740 78W PSU SWBC	-	-
911401662709	BVP561 LED187/740 120W EP AMB	1-10V	-
911401649809	BVP564 LED530/757 310W PSU AMB	-	Not applicable
911401649909	BVP564 LED530/740 310W PSU SMB	-	Not applicable
911401650009	BVP564 LED530/757 310W PSU SMB	-	Not applicable
911401651009	BVP564 LED530/757 310W EP AMB	1-10V	10%
911401651209	BVP564 LED530/757 310W EP SMB	1-10V	10%
911401651409	BVP564 LED625/740 380W EP SMB	1-10V	10%
911401652009	BVP564 LED555/740 380W EP NB	1-10V	10%
911401663409	BVP562 LED204/740 120W PSU SWBC	No	-



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