Tango Pro

BVP563 LED336/757 220W EP SWB

Tango Pro, 33600 lm, 220 W, 757 cool white, depends on driver (1-10V, DALI...), Safety class I

Philips Tango Pro LED floodlight is the fifth generation of the Philips 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. Philips 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.

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

Product data

General Information	
Driver included	Yes
Service tag	Yes
Value ladder	Specification

Light Technical	
Luminous Flux	33,600 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	153 lm/W
Color rendering index (CRI)	70
Light source color	757 cool white
Effective projected area	0.18 m²

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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	78 A
Inrush time	0.238 ms
Power Consumption	220 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug
Number of products on MCB of 16 A type B	4
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	1-10V
Control interface	depends on driver (1-10V, DALI...)

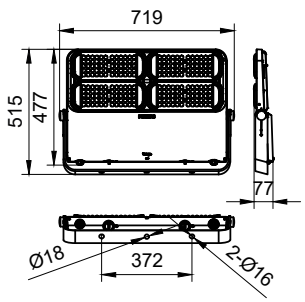
Mechanical and Housing	
Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Optical cover material	Polycarbonate
Housing Color	RAL7040
Overall length	512 mm
Overall width	437 mm
Overall height	77 mm
Overall diameter	621 mm
Dimensions (Height x Width x Depth)	77 x 437 x 512 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	7.750 kg

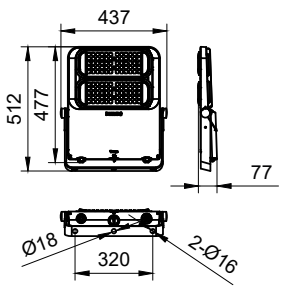
Approval and Application	
Flammability mark	-
CE mark	Yes
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.329 0.341) SDCM<5
Power consumption tolerance	+/-10%

Product Data	
Order product name	BVP563 LED336/757 220W EP SWB
Full product name	BVP563 LED336/757 220W EP SWB
Full product code	692234199405000
Order code	911401607809
Material Nr. (12NC)	911401607809
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341994050
Numerator - Packs per outer box	1
EAN/UPC - Case	6922341994050

Dimensional drawing





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