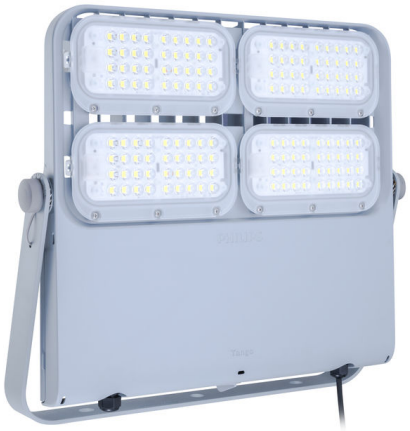

Tango Pro

BVP564 LED530/740 310W EP AMB

Tango Pro, 53000 lm, 310 W, 740 neutral white, 91.6° x 55.1° x 34°, depends on driver (1-10V, DALI...), Safety class I, Mounting bracket

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

Light Technical	
Luminous Flux	53,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	171 lm/W
Color rendering index (CRI)	70
Beam angle of light source	120 degree(s)
Light source color	740 neutral white

Tango Pro

Optic type	Double asymmetric optic 35°
Luminaire light beam spread	91.6° x 55.1° x 34°
Effective projected area	0.23 m²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	156 A
Inrush time	0.174 ms
Power Consumption	310 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.0 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...)
Maximum dim level	10%

Mechanical and Housing

Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	RAL7040
Mounting device	Mounting bracket
Optical cover finish	Clear

Overall length	508 mm
Overall width	555 mm
Overall height	77 mm
Dimensions (Height x Width x Depth)	77 x 555 x 508 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	10.580 kg

Approval and Application

Flammability mark	-
CE mark	Yes
Performance ambient temperature Tq	50 °C
Ambient temperature range	0 °C to 40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP564 LED530/740 310W EP AMB
Full product name	BVP564 LED530/740 310W EP AMB
Order code	911401650909
Material Nr. (12NC)	911401650909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing