



Tango Pro

BVP564 LED625/740 380W EP AMB

Tango Pro, 62500 lm, 380 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)
- \cdot Not suitable for chemical industrial areas
- · Not suitable for installation on moving objects

Product data

General Information		
Driver included	Yes	
Light Technical		
Luminous Flux	62,500 lm	

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	164 lm/W
Color rendering index (CRI)	70
Beam angle of light source	120 degree(s)
Light source color	740 neutral white

Datasheet, 2025, June 17 data subject to change

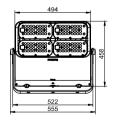
Tango Pro

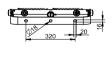
Optic type Luminaire light beam spread Pi.6° x 55.1° x 34° Effective projected area O.23 m² Operating and Electrical Input Voltage Line Frequency So or 60 Hz Inrush current 350 A Inrush time O.1 ms Power Consumption Flying leads/wires Cable Cable 1.0 m without plug Number of products on MCB of 16 A type B 3 Protection class IEC Safety class I Controls and Dimming Dimmable 1-10V Control interface depends on driver (1-10V, DALL) Maximum dim level Mechanical and Housing Housing Material AC-47100) Optic material Polycarbonate Optical cover material Housing Color Mounting bracket Mounting bracket		
Effective projected area 0.23 m² Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Inrush current 350 A Inrush time 0.1 ms Power Consumption 380 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 3 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	Optic type	Double asymmetric optic 35°
Operating and Electrical Input Voltage 220-240 V Line Frequency 50 or 60 Hz Inrush current 350 A Inrush time 0.1 ms Power Consumption 380 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 3 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	Luminaire light beam spread	91.6° x 55.1° x 34°
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Cable Cable 1.0 m without plug Number of products on MCB of 16 A type B 3 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	Power Factor (Fraction)	0.95
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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	Cable	Cable 1.0 m without plug
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	Number of products on MCB of 16 A type	B 3
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	Protection class IEC	Safety class I
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Mechanical and Housing Housing Material Aluminium die-cast ADC1 - alloy grade (EN AC-47100) Optic material Polycarbonate Optical cover material Polycarbonate Housing Color RAL7040	Control interface	depends on driver (1-10V, DALI)
Housing Material Aluminium die-cast ADC1 - alloy grade (EN AC-47100) Optic material Polycarbonate Optical cover material Polycarbonate Housing Color RAL7040	Maximum dim level	10%
Housing Material Aluminium die-cast ADC1 - alloy grade (EN AC-47100) Optic material Polycarbonate Optical cover material Polycarbonate Housing Color RAL7040		
AC-47100) Optic material Polycarbonate Optical cover material Polycarbonate Housing Color RAL7040	Mechanical and Housing	
Optic material Polycarbonate Optical cover material Polycarbonate Housing Color RAL7040	Housing Material	Aluminium die-cast ADC1 - alloy grade (EN
Optical cover material Polycarbonate Housing Color RAL7040		AC-47100)
Housing Color RAL7040	Optic material	Polycarbonate
-	Optical cover material	Polycarbonate
Mounting device Mounting bracket	Housing Color	RAL7040
	Mounting device	Mounting bracket
Optical cover finish Clear	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)	11.250 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 LED625/740 380W EP AMB
Full product name	BVP564 LED625/740 380W EP AMB
Order code	911401651309
Material Nr. (12NC)	911401651309
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing







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