



# Tango Pro

## BVP561 LED187/740 120W EP SWBC

Tango Pro, 18714 lm, 120 W, 740 neutral white, 89°, 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	Luminous Efficacy (rated) (Nom)	156 lm/W
Value ladder	Performance	Color rendering index (CRI)	70
		Light source color	740 neutral white
		Optic type	Beam angle 90°
		Luminaire light beam spread	89°
		Effective projected area	0.078 m <sup>2</sup>
Light Technical			
Luminous Flux	18,714 lm		
Correlated Color Temperature (Nom)	4000 K		

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## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	78 A
Inrush time	0.174 ms
Power Consumption	120 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	-
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)
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	RAL7040
Mounting device	Mounting bracket
Optical cover finish	Diffused lens optic
Overall length	315 mm
Overall width	349 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 349 x 315 mm

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	4.360 kg

## Approval and Application

Flammability mark	-
CE mark	Yes
Ambient temperature range	-40 to +35 °C

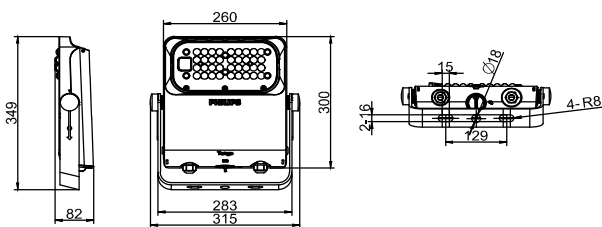
## Initial Performance (IEC Compliant)

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

## Product Data

Order product name	BVP561 LED187/740 120W EP SWBC
Full product name	BVP561 LED187/740 120W EP SWBC
Full product code	694273083067700
Order code	83067700
Material Nr. (12NC)	911401662809
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6942730830677
Numerator - Packs per outer box	1
EAN/UPC - Case	6942730830677

## Dimensional drawing



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