



# Tango Pro

## BVP561PC LED163/740 100W FP SMB

Tango Pro, 16277 lm, 100 W, 740 neutral white, 12°, 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		Luminous Efficacy (rated) (Nom)	
Driver included	Yes	Luminous Efficacy (rated) (Nom)	163 lm/W
Value ladder	Performance	Color rendering index (CRI)	70
Light Technical		Light source color	740 neutral white
Luminous Flux	16,277 lm	Optic type	Beam angle 55°
Correlated Color Temperature (Nom)	4000 K	Luminaire light beam spread	12°
		Effective projected area	0.078 m <sup>2</sup>

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## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	100 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug
Protection class IEC	Safety class I

## Controls and Dimming

Dimmable	DALI
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	RAL 9007
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	327 mm
Overall width	349 mm

Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 349 x 327 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	4.960 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%
Power consumption tolerance	+/-10%

## Product Data

Order product name	BVP561PC LED163/740 100W FP SMB
Full product name	BVP561PC LED163/740 100W FP SMB
Order code	911401680609
Material Nr. (12NC)	911401680609
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

