PHILIPS Lighting



Tango Pro

BVP565 LED672/740 430W EP SWB ANZ

Tango Pro, 67200 lm, 430 W, 740 neutral 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

tion		Luminous Efficacy (rated) (Nom)	156 lm/W
Tormation			150 (11) W
	Yes	Color rendering index (CRI)	70
	Yes	Light source color	740 neutral white
		Effective projected area	0.31 m²
ical			
Flux	67,200 lm	Operating and Electrical	
ted Color Temperature (Nom)	4000 K	Input Voltage	220 to 240 V

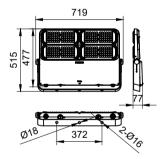
Tango Pro

Line Frequency	50 or 60 Hz			
Inrush current	156 A			
Inrush time	0.238 ms			
Power Consumption	430 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 2				
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	515 mm			
Overall width	719 mm			
Overall height	77 mm			
Overall diameter	809 mm			
Dimensions (Height x Width x Depth)	77 x 719 x 515 mm			

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK08 [6 J]	
Optical cover type	Polycarbonate	
Net Weight (Piece)	14.130 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	(0.382 0.380) SDCM<5	
Power consumption tolerance	+/-10%	
Product Data		
Order product name	BVP565 LED672/740 430W EP SWB ANZ	
Full product name	BVP565 LED672/740 430W EP SWB ANZ	
Order code	011401616400	

Order code	911401616409
Material Nr. (12NC)	911401616409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing





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