



Ledinaire All-in floodlights

BVP169 LED120/830_40_65 PSU 100W SWB

Ledinaire All-in floodlights, 100 W, 11000 lm, 12000 lm, 3000 K, 4000 K, 6500 K, Symmetrical

With this Ledinaire all-in floodlights range, you can easily adjust the color temperature by a simple switch. No need to choose between warm white, neutral white or cool white anymore, you get all these in one single product! The range comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

General Information	
Lamp family code	LED120S [LED module, system flux 12000
	lm]
Number of gear units	Unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value
Light Technical	
Upwards light output ratio	0
Luminous Flux	11,000 12,000 lm
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Luminous efficacy (rated) (nom.)	120 110 lm/W
Correlated Colour Temperature	3000 4000 6500 K

Colour rendering index (CRI)	80
Light source colour	830 warm white and 865 cool daylight
Optic type	Symmetric 110º
Optical cover type	Glass
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	3.84 A
Inrush time	0.0244 ms
Power Consumption	100 W
Power Factor (Fraction)	0.95
Connection	Flying leads/cables

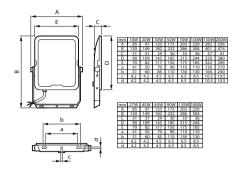
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Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	21
Temperature	
Ambient temperature range	-25 to +40 °C
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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Housing Colour	RAL 7043
Mounting device	Via U Shaped Bracket, Aiming Scale Angle
	Universal Installation
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	304 mm
Overall width	220 mm
Overall height	36 mm
Effective projected area	0.04514 m²
Dimensions (height x width x depth)	36 x 220 x 304 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	1.5/1.5 kV
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark

ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440,0.403); (0.369,0.364); (0.313,0.337)
	SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Over Time Performance (IEC Complia	nt)
	7
Control gear failure rate at median useful	7.5 %
Control gear failure rate at median useful life 50.000 h	7.5 %
life 50,000 h	
-	7.5 %
life 50,000 h Lumen maintenance at median useful life*	
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life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC	80 25 °C Not applicable BVP169 LED120/830_40_65 PSU 100W SWB BVP169 LED120/830_40_65 PSU 100W SWB 872016973606199
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life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)	80 80 25 °C Not applicable BVP169 LED120/830_40_65 PSU 100W SWB BVP169 LED120/830_40_65 PSU 100W SWB 872016973606199 911401876386 911401876386
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Dimensional drawing





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