



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, CRI80, Symmetrical, IP65

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 this 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		Light source color	
Lamp family code	LED120S [LED module, system flux 12000 lm]	Light source color	830 warm white and 865 cool daylight
Number of gear units	1 unit	Optic type	Symmetric 110°
Driver included	Yes	Luminaire light beam spread	110°
Light source engine type	LED system in flux	Optic type outdoor	Symmetrical
Value ladder	Value	All-in Type	All-in, Multi Color Temperature
Warranty period	5 years	Effective projected area	0.04514 m ²
Sustainability rating	-	Operating and Electrical	
Light Technical		Input Voltage	220-240 V
Upward light output ratio	0	Line Frequency	50 or 60 Hz
Luminous Flux	11,000 12,000 lm	Inrush current	3.84 A
Correlated Color Temperature (Nom)	3000 4000 6500 K	Inrush time	0.0244 ms
Luminous Efficacy (rated) (Nom)	120 110 lm/W	Power Consumption	100 W
Color rendering index (CRI)	>80	Power Factor (Fraction)	0.95
		Connection	Flying leads/wires
		Cable	Cable 2.0 m without plug

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Number of products on MCB of 16 A type B	21
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level until 1.5 kV differential mode and 1.5 kV common mode
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No
Embedded control	-
Photocell	-

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	304 mm
Overall width	220 mm
Overall height	36 mm
Dimensions (Height x Width x Depth)	36 x 220 x 304 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	1.920 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Ambient temperature range	-25 to +40 °C

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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L80

Product Data

Order product name	BVP169 LED120/830_40_65 PSU 100W SWB
Full product name	BVP169 LED120/830_40_65 PSU 100W SWB
Full product code	872016973606199
Order code	911401876386
Material Nr. (12NC)	911401876386
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736061
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169736252

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Dimensional drawing

