



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 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		Operating and Electrical	
Lamp family code	LED120S [LED module, system flux 12000 lm]	Luminous efficacy (rated) (nom.)	120 110 lm/W
Number of gear units	Unit	Colour rendering index (CRI)	>80
Driver included	Yes	Light source colour	Multi Colour Temperature
Light source engine type	LED system in flux	Optic type	Symmetric 110°
Value ladder	Value	Luminaire light beam spread	110°
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Optic type outdoor	Symmetrical
Warranty period	5 years	All-in Type	All-in, Multi Color Temperature
Sustainability rating	Unclassified	Effective projected area	0.04514 m²
Light Technical			
Upwards light output ratio	0	Input Voltage	220-240 V
Luminous Flux	11,000 12,000 lm	Line Frequency	50 or 60 Hz
Correlated Colour Temperature (Nom)	3000 4000 6500 K	Inrush current	3.84 A
		Inrush time	0.0244 ms
		Power Consumption	100 W
		Power Factor (Fraction)	0.95

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Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB (16 A type B)	21
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	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	Aluminium die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Housing Colour	Grey
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
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 post-top	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)	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. Colour 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 50,000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L70

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 EOC	872016973606199
Order code	911401876386
Material no. (12 NC)	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

