



Ledinaire All-in floodlights

BVP169 LED180/830_40_65 DOB 150W SWB

Ledinaire All-in floodlights, 150 W, 16500 lm, 18000 lm, 3000 K, 4200 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		Correlated Colour Temperature	
Lamp family code	LED180-4S [LED module, system flux 18000 lm]	Correlated Colour Temperature	3000 4200 6500 K
Number of gear units	Unit	Colour rendering index (CRI)	80
Driver included	Yes	Flickering value (PstLM)	1
Photocell	-	Light source colour	830 warm white and 865 cool daylight
Light source engine type	LED system in flux	Optic type	Symmetric 110°
Value ladder	Value	Optical cover type	Glass
Embedded control	-	Luminaire light beam spread	110°
		Optic type outdoor	Symmetrical
		All-in Type	All-in, Multi Color Temperature
Light Technical		Operating and Electrical	
Upwards light output ratio	0	Input Voltage	220-240 V
Luminous Flux	16,500 18,000 lm	Line Frequency	50 or 60 Hz
Standard tilt angle post-top	27°	Inrush current	4.16 A
Standard tilt angle side entry	-	Inrush time	0.0264 ms
Luminous efficacy (rated) (nom.)	110 120 lm/W	Power Consumption	150 W

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Power Factor (Fraction)	0.95
Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	14

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	401 mm
Overall width	282 mm
Overall height	37 mm
Effective projected area	0.07744 m ²
Dimensions (height x width x depth)	37 x 282 x 401 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	5 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 Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	80

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Order product name	BVP169 LED180/830_40_65 DOB 150W SWB
Full product name	BVP169 LED180/830_40_65 DOB 150W SWB
Full EOC	872016973607899
Order code	73607899
Material no. (12 NC)	911401877386
SAP numerator – quantity per pack	1
Net Weight (Piece)	3.050 kg
EAN/UPC – Product/Case	8720169736078
Numerator – packs per outer box	4
EAN/UPC - Case	8720169736269

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Dimensional drawing

