



Ledinaire All-in floodlights

BVP169 LED180/830_40_65 DOB 150W SWB

Ledinaire All-in floodlights, 150 W, 16500 lm, 18000 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	LED180-4S [LED module, system flux
	18000 lm]
Number of gear units	Unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value
Embedded control	-
Light Technical	
Upwards light output ratio	0
Luminous Flux	16,500 18,000 lm
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Luminous efficacy (rated) (nom.)	110 120 lm/W

Correlated Colour Temperature	3000 4000 6500 K
Colour rendering index (CRI)	80
Flickering value (PstLM)	1
Light source colour	830 warm white and 865 cool daylight
Optic type	Symmetric 110°
Optical cover type	Glass
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Total harmonic distortion	20 %
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	4.16 A
Inrush time	0.0264 ms

Datasheet, 2024, April 25 data subject to change

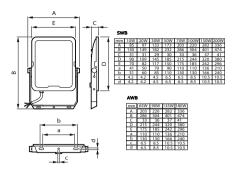
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Power Consumption	150 W
Power Factor (Fraction)	0.95
Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	14
Number of products of Med of 10 A type b	
Temperature	
Ambient temperature range	-25 to +40 °C
Ambient temperature range	25 to 140 C
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	Grey
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 m²
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
Standard Deviation of Colour Matching	SDCM≤5
(McAdam ellipse)	
Over Time Performance (IEC Complia	int)
Control gear failure rate at median useful	7.5 %
life 50,000 h	
Lumen maintenance at median useful life*	80
50,000 h	
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
Numerator – quantity per pack	1
Net Weight (Piece)	3.050 kg
EAN/UPC — Product/Case	8720169736078
Numerator – packs per outer box	4
	8720169736269

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Dimensional drawing





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