



Ledinaire All-in floodlights

BVP169 LED240/830_40_65 PSU 180W SWB PH

Ledinaire All-in floodlights, 180 W, 22000 lm, 24000 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	
Lamp family code	LED240S [LED module, system flux 24000
	lm]
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED system in flux
Value ladder	Value
Serviceability class	Class C, luminaire without serviceable parts,
	not serviceable
Warranty period	3 years
Sustainability rating	-
Light Technical	
Upwards light output ratio	0
Luminous Flux	22,000 24,000 lm
Correlated Colour Temperature (Nom)	3000 4000 6500 K

Luminous efficacy (rated) (nom.)	130 120 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white and 865 cool daylight
Optic type	Symmetric 110°
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.11248 m²
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	8.0 A
Inrush time	0.01520 ms
Power Consumption	180 W
Power Factor (Fraction)	0.95

Datasheet, 2024, March 25 data subject to change

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Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB (16 A type B)	11
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level up to 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
Photocell	Photocell included
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	474 mm
Overall width	336 mm
Overall height	41 mm
Dimensions (height x width x depth)	41 x 336 x 474 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)	4.230 kg
Emergency Operation	
Central Emergency	No
Approval and Application	
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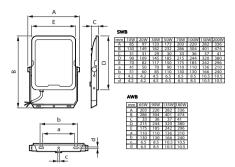
Temperature 650 °C, duration 30 s

Glow-wire test

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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 ℃	
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. Color Rendering Index Tolerance	-2	
Standard Deviation of Colour Matching	SDCM≤5	
(McAdam ellipse)		
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	7.5 %	
life 50,000 h		
Lumen maintenance (EN-IEC 62722-2-1)	L80	
at median useful life* 50000 h		
Product Data		
Order product name	BVP169 LED240/830_40_65 PSU 180W	
order produce name	SWB PH	
Full product name	BVP169 LED240/830_40_65 PSU 180W	
Tak produce name	SWB PH	
Full EOC	872016973644399	
Order code	73644399	
Material no. (12 NC)	911401878586	
Numerator – quantity per pack	1	
EAN/UPC — Product/Case	8720169736443	
Numerator – packs per outer box	4	
EAN/UPC - Case	8720169736528	
LAN OFC - Case	0120103130320	

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Dimensional drawing





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