



Ledinaire floodlights gen3

BVP164 LED36/840 PSU 30W SWB MDU CE

Ledinaire floodlights gen3, 30 W, 3600 lm, 4000 K, CRI80, Symmetrical wide beam, MDU1, IP65

This Ledinaire floodlights range contains a selection of popular off-the-shelf LED luminaires that 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	-
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
Embedded control	Movement and light sensor (On/Off)
CE mark	Yes
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	3,600 lm
Standard tilt angle post-top	
Standard tilt angle side entry	
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	120 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	5
Light source colour	840 neutral white
Optical cover/lens type	Glass
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Line Frequency	50 or 60 Hz
Input Voltage	220 to 240 V
Initial CLO power consumption	- W
Average CLO power consumption	30 W
End CLO power consumption	- W

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Inrush current	1.22 A	Sustainability rating	-
Inrush time	0.0072 ms	Protection class IEC	Safety class I
Power Consumption	30 W	Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Power Factor (Fraction)	0.9	Photobiological risk specification	0.2 m
Connection	Flying leads/cables		
Cable	Cable 1.0 m without plug		
Number of products on MCB of 16 A type B	64		
Temperature			
Ambient temperature range	-20 to +40 °C	Initial chromaticity	(0.380, 0.380) SDCM <5
Controls and Dimming			
Dimmable	No	Luminous flux tolerance	+/-10%
Driver/power unit/transformer	Power supply unit (On/Off)	Power consumption tolerance	+/-10%
Constant light output	No	Init. Color Rendering Index Tolerance	+/-2
Mechanical and Housing			
Housing material	Aluminium die cast	Over Time Performance (IEC Compliant)	
Reflector material	Polycarbonate	Control gear failure rate at median useful life	5 %
Optic material	Glass	50,000 h	
Optical cover/lens material	Tempered glass	Lumen maintenance at median useful life*	80
Fixation material	Steel	50,000 h	
Housing Colour	Grey	Application Conditions	
Mounting device	Mounting bracket adjustable	Maximum dim level	Not applicable
Optical cover/lens shape	Flat	Performance ambient temperature Tq	25 °C
Optical cover/lens finish	Clear	Product Data	
Overall length	133 mm	Full EOC	871951453477399
Overall width	220 mm	Order product name	BVP164 LED36/840 PSU 30W SWB MDU CE
Overall height	53 mm	Order code	53477399
Effective projected area	0.017 m ²	SAP numerator – quantity per pack	1
Dimensions (height x width x depth)	53 x 220 x 133 mm	Numerator – packs per outer box	16
Approval and Application		Material number (12NC)	911401884383
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	Full product name	BVP164 LED36/840 PSU 30W SWB MDU CE
Mech. impact protection code	IK07 [2 J reinforced]	EAN/UPC - Case	8719514534872
Surge Protection (Common/Differential)	Luminaire surge protection level up to 2 kV differential mode and 2 kV common mode	EAN/UPC - Product/Case	8719514534773

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Dimensional drawing

