



Ledinaire floodlights gen3

BVP164 LED77/830 PSU 70W SWB MDU CE

Ledinaire floodlights gen3, 70 W, 7700 lm, 3000 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	7,700 lm

Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	5
Light source colour	830 warm white
Optical cover type	Glass
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	70 W
End CLO power consumption	- W

Datasheet, 2023, April 15 data subject to change

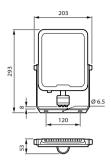
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Inrush current	3.64 A
Inrush time	0.0222 ms
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	31
Temperature	
Ambient temperature range	-20 to +40 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	203 mm
Overall width	293 mm
Overall height	53 mm
Effective projected area	0.038 m²
Dimensions (height x width x depth)	53 x 293 x 203 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)	Luminaire surge protection level up to 2
	kV differential mode and 2 kV common
	mode

Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440, 0.403) 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	5 %
Lumen maintenance at median useful life* 50,000 h	80
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BVP164 LED77/830 PSU 70W SWB MDU
Full product name	CE BVP164 LED77/830 PSU 70W SWB MDU CE
Full EOC	871951453474299
Order code	53474299
Material no. (12 NC)	911401884883
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514534742
Numerator – packs per outer box	10
EAN/UPC - Case	8719514534841

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Dimensional drawing





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