



Ledinaire floodlights gen3

BVP164 LED84/840 PSU 70W SWB MDU CE

Ledinaire floodlights gen3, 70 W, 8400 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	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	No
Lighting Technology	LED
Embedded control	Movement and light sensor (On/Off)
CE mark	Yes
Warranty period	Yes 3 years
Warranty period	
Warranty period Flammability mark	
Warranty period Flammability mark ENEC mark	3 years
Warranty period Flammability mark ENEC mark Glow-wire test	3 years - - Temperature 650 °C, duration 30 s
Warranty period Flammability mark ENEC mark Glow-wire test	3 years - - Temperature 650 °C, duration 30 s
Warranty period Flammability mark ENEC mark Glow-wire test EU RoHS compliant	3 years - - Temperature 650 °C, duration 30 s

Luminous Flux	8,400 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	5
Light source color	840 neutral 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

Datasheet, 2024, March 21 data subject to change

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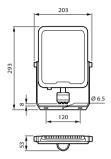
Average CLO power consumption	70 W
End CLO power consumption	- W
Inrush current	3.64 A
Inrush time	0.0222 ms
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	31
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover 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 until 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	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	t)
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	80
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BVP164 LED84/840 PSU 70W SWB MDU
	CE
Full product name	BVP164 LED84/840 PSU 70W SWB MDU
	CE
Full product code	871951453473599
Order code	911401884983
Material Nr. (12NC)	911401884983
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514534735
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514534834

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Dimensional drawing





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