



Ledinaire floodlights gen3

BVP164 LED60/840 PSU 50W SWB MDU CE

Ledinaire floodlights gen3, 50 W, 6000 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	
LO NOTIS COMPULATIO	Yes
	Yes
Light Technical	Yes
·	Yes 0
Light Technical	

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 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	50 W
End CLO power consumption	- W

Datasheet, 2023, April 15 data subject to change

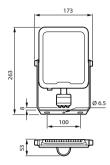
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Inrush current	1.68 A
Inrush time	0.0082 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	44
Temperature	
Ambient temperature range	-20 to +40 ℃
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	173 mm
Overall width	263 mm
Overall height	53 mm
Effective projected area	0.028 m ²
Dimensions (height x width x depth)	53 x 263 x 173 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK07 [2 J reinforced]
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)	
* * * * * * * * * * * * * * * * * * * *	/ 100/
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 Compliant	:)
Control gear failure rate at median useful life	5 %
50,000 h	
Lumen maintenance at median useful life*	80
50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BVP164 LED60/840 PSU 50W SWB MDU
order product name	CE
Full product name	BVP164 LED60/840 PSU 50W SWB MDU
. an product Hallie	CE
Full EOC	871951453475999
Order code	53475999
Material no. (12 NC)	911401884683
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514534759
Numerator – packs per outer box	16
	8719514534858

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Dimensional drawing





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