



# Ledinaire floodlights gen3

## BVP164 LED55/830 PSU 50W SWB MDU CE

Ledinaire floodlights gen3, 50 W, 5500 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		Light source colour	
Lighting Technology	LED	Light source colour	830 warm white
Driver included	Yes	Optical cover/lens type	Glass
Number of gear units	Unit	Luminaire light beam spread	110° x 110°
Lamp family code	-	Optic type outdoor	Symmetrical wide beam
Light source engine type	LED	Operating and electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Light technical		Line Frequency	50 or 60 Hz
Upwards light output ratio	0	Input frequency	50 or 60 Hz
Luminous Flux	5,500 lm	Initial CLO power consumption	- W
Standard tilt angle post-top	-	Average CLO power consumption	50 W
Standard tilt angle side entry	-	End CLO power consumption	- W
Correlated Colour Temperature	3000 K	Inrush current	1.68 A
Luminous Efficacy (rated) (Nom)	110 lm/W	Inrush time	0.0082 ms
Colour rendering index (CRI)	>80	Power Consumption	50 W
Flickering value (PstLM)	1	Power Factor (Fraction)	0.9
Stroboscopic effect	5	Connection	Flying leads/cables
		Cable	Cable 1.0 m without plug

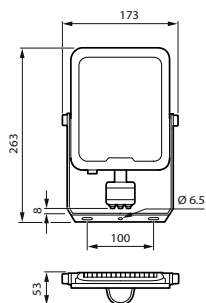
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Number of products on MCB of 16 A type B	44
<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C
<b>Controls and dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
<b>Mechanical and housing</b>	
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 <sup>2</sup>
Dimensions (height x width x depth)	53 x 263 x 173 mm
<b>Approval and application</b>	
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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes

ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
<b>Initial performance (IEC compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
<b>Over time performance (IEC compliant)</b>	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	80
<b>Application conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
<b>Product data</b>	
Full EOC	871951453476699
Order product name	BVP164 LED55/830 PSU 50W SWB MDU
	CE
Order code	53476699
SAP numerator – quantity per pack	1
Numerator – packs per outer box	16
Material number (12NC)	911401884583
Full product name	BVP164 LED55/830 PSU 50W SWB MDU
	CE
EAN/UPC - Case	8719514534865



## Dimensional drawing



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