



# Ledinaire floodlights gen3

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

- - - 830 warm white - - - Symmetrical

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

Operating and electrical		Optical cover/lens type	
Input Voltage	220 to 240 V	Optical cover/lens type	Glass
Line Frequency	50 or 60 Hz	Luminaire light beam spread	110° x 110°
Input frequency	50 or 60 Hz	Control interface	-
Initial CLO power consumption	- W	Connection	Flying leads/cables
Average CLO power consumption	50 W	Cable	Cable 1.0 m without plug
Power Consumption	50 W	Protection class IEC	Safety class I
End CLO power consumption	- W	Flammability mark	-
Inrush current	1.68 A	CE mark	Yes
Inrush time	0.0082 ms	ENEC mark	-
Power Factor (Fraction)	0.9	Warranty period	3 years
General information		Optic type outdoor	Symmetrical
Lamp family code	-	Constant light output	No
Light source colour	830 warm white	Number of products on MCB of 16 A type B	44
Light source replaceable	No	Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Number of gear units	Unit	Photobiological risk specification	0.2 m
Driver/power unit/transformer	-	EU RoHS compliant	Yes
Driver included	Yes	Light source engine type	LED
		Lighting Technology	LED

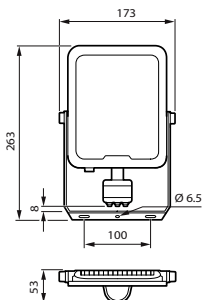
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Brand	Philips
<b>Light technical</b>	
Upwards light output ratio	0
Luminous Flux	5,500 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Luminous Efficacy (rated) (Nom)	110 lm/W
Colour rendering index (CRI)	>80
<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C
<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)	NaN x NaN x NaN 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)	2/2 kV

Sustainability rating	-
<b>Initial performance (IEC compliant)</b>	
Luminous flux tolerance	+/-10%
Init. Corr. Colour Temperature	3000 K
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
Net weight	0.890 kg
Full product name	BVP164 LED55/830 PSU 50W SWB MDU CE
EAN/UPC – Case	8719514534865



## Dimensional drawing



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