



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			
Lamp family code	-	Luminous Flux	5,500 lm
Light source replaceable	No	Standard tilt angle posttop	-
Number of gear units	1 unit	Standard tilt angle side entry	-
Driver included	Yes	Correlated Color Temperature (Nom)	3000 K
Light source engine type	LED	Luminous Efficacy (rated) (Nom)	110 lm/W
Service tag	No	Color rendering index (CRI)	>80
Lighting Technology	LED	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Embedded control	Movement and light sensor (On/Off)	Stroboscopic effect visibility measure (SVM)	5
CE mark	Yes	Light source color	830 warm white
Warranty period	3 years	Optical cover type	Glass
Flammability mark	-	Luminaire light beam spread	110° x 110°
ENEC mark	-	Optic type outdoor	Symmetrical wide beam
Glow-wire test	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes	Operating and Electrical	
		Input Voltage	220 to 240 V
		Line Frequency	50 or 60 Hz
		Initial CLO power consumption	- W
Light Technical			
Upward light output ratio	0		

Ledinaire floodlights gen3

Average CLO power consumption	50 W
End CLO power consumption	- W
Inrush current	1.68 A
Inrush time	0.0082 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
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 °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	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 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	(0.440, 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	5 %
50000 h	
Lumen maintenance at median useful life*	80
50000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BVP164 LED55/830 PSU 50W SWB MDU CE
Full product name	BVP164 LED55/830 PSU 50W SWB MDU CE
Full product code	871951453476699
Order code	911401884583
Material Nr. (12NC)	911401884583
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514534766
Numerator - Packs per outer box	16
EAN/UPC - Case	8719514534865

Ledinaire floodlights gen3

Dimensional drawing

