



# 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		Operating and Electrical	
Lamp family code	-	Luminous Flux	8,400 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)	4000 K
Light source engine type	LED	Luminous Efficacy (rated) (Nom)	120 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	840 neutral 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		
Light Technical			
Upward light output ratio	0	Input Voltage	220 to 240 V
		Line Frequency	50 or 60 Hz
		Initial CLO power consumption	- W

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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
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### 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 m <sup>2</sup>
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 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 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

