



Ledinaire floodlights gen3

BVP164 LED77/830 PSU 70W SWB CE

Ledinaire floodlights gen3, 70 W, 7700 lm, 3000 K, CRI80, Symmetrical wide beam, 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
CE mark	Yes
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	7,700 lm
Standard tilt angle post-top	-

Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	5
Light source colour	830 warm white
Optical cover type	Glass
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Optic type outdoor	Symmetrical wide beam
Optic type outdoor Operating and Electrical	Symmetrical wide beam
	Symmetrical wide beam 220 to 240 V
Operating and Electrical	
Operating and Electrical Input Voltage	220 to 240 V
Operating and Electrical Input Voltage Line Frequency	220 to 240 V 50 or 60 Hz
Operating and Electrical Input Voltage Line Frequency Initial CLO power consumption	220 to 240 V 50 or 60 Hz - W

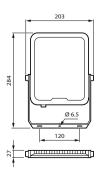
Datasheet, 2023, April 15 data subject to change

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Inrush time	0.0222 ms
Power Consumption	70 W
Power Factor (Fraction)	0.95
Connection	Flying leads/cables
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	31
Temperature	
Ambient temperature range	-25 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	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	203 mm
Overall width	284 mm
Overall height	29 mm
Effective projected area	0.038 m²
Dimensions (height x width x depth)	29 x 284 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 up to 4
	Luminaire surge protection level up to 4 kV differential mode and 4 kV common

Protection class IEC Photobiological risk Photobiological risk group 1 @200mm to EN62778 Photobiological risk specification 0.2 m Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity (0.440, 0.403) SDCM <5 Power consumption tolerance Init. Color Rendering Index Tolerance Init. Color Rendering Index Tolerance Init. Control gear failure rate at median useful life 5 % 50,000 h Lumen maintenance at median useful life* 80 80 Application Conditions Performance ambient temperature Tq Aximum dim level Not applicable Product Data Order product name BVP164 LED77/830 PSU 70W SWB CE Full product name BVP164 LED77/830 PSU 70W SWB CE Full EOC 871951453360899 Material no. (12 NC) 911401845483 SAP numerator – quantity per pack I EAN/UPC — Product/Case 8719514533608 Numerator – packs per outer box 10 EAN/UPC — Case 8719514533844	Sustainability rating	-	
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 +/-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 °C Maximum dim level Not applicable Product Data Order product name BVP164 LED77/830 PSU 70W SWB CE Full product name BVP164 LED77/830 PSU 70W SWB CE Full product name BVP164 LED77/830 PSU 70W SWB CE Full EOC 871951453360899 Order code 53360899 Material no. (12 NC) 911401845483 SAP numerator – quantity per pack 1 EAN/UPC — Product/Case 8719514533608 Numerator – packs per outer box 10	Protection class IEC	Safety class I	
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EAN/UPC — Product/Case 8719514533608 Numerator — packs per outer box 10	Material no. (12 NC)	911401845483	
Numerator – packs per outer box 10	SAP numerator – quantity per pack	1	
	EAN/UPC — Product/Case	8719514533608	
EAN/UPC - Case 8719514533844	Numerator – packs per outer box	10	
	EAN/UPC - Case	8719514533844	

Dimensional drawing



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