PHILIPS Lighting



Ledinaire floodlights gen3

BVP164 LED22/830 PSU 20W SWB MDU CE

Ledinaire floodlights gen3, 20 W, 2200 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	
Lighting Technology	LED
Driver included	Yes
Number of gear units	Unit
Lamp family code	-
Light source engine type	LED
Light source replaceable	No
Light technical	
Upwards light output ratio	0
Luminous Flux	2,200 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

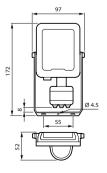
Light source colour	830 warm white
Optical cover/lens type	Glass
Luminaire light beam spread	110° × 110°
Optic type outdoor	Symmetrical wide beam
Operating and electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	20 W
End CLO power consumption	- W
Inrush current	1.1 A
Inrush time	0.0074 ms
Power Consumption	20 W
Power Factor (Fraction)	0.8
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	96	ENEC mark
		Warranty period
Temperature		Photobiological risk
Ambient temperature range	-20 to +40 °C	
		Photobiological risk sp
Controls and dimming		EU RoHS compliant
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	Initial performance
Constant light output	No	Luminous flux tolerand
		Initial chromaticity
Mechanical and housing		Power consumption to
Housing material	Aluminium die cast	Init. Color Rendering Ir
Reflector material	Polycarbonate	
Optic material	Glass	Over time performa
Optical cover/lens material	Tempered glass	Control gear failure rat
Fixation material	Steel	50,000 h
Housing Colour	Grey	Lumen maintenance at
Mounting device	Mounting bracket adjustable	50,000 h
Optical cover/lens shape	Flat	
Optical cover/lens finish	Clear	Application condition
Overall length	97 mm	Performance ambient
Overall width	172 mm	Maximum dim level
Overall height	52 mm	
Effective projected area	0.008 m²	Product data
Dimensions (height x width x depth)	52 x 172 x 97 mm	Full EOC
		Order product name
Approval and application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	Order code
	proof]	SAP numerator – quan
Mech. impact protection code	IK07 [2 J reinforced]	Numerator – packs pe
Surge Protection (Common/Differential)	Luminaire surge protection level up to 2	Material number (12NC
	kV differential mode and 2 kV common	Full product name
	mode	
Sustainability rating	-	EAN/UPC - Case
Protection class IEC	Safety class I	
Glow-wire test	Temperature 650 °C, duration 30 s	
Flammability mark	-	₽ 65 (
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
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 %
50,000 h	
Lumen maintenance at median useful life*	80
50,000 h	
Application conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product data	
Full EOC	871951453480399
Order product name	BVP164 LED22/830 PSU 20W SWB MDU
	CE
Order code	53480399
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
Material number (12NC)	911401883983
Full product name	BVP164 LED22/830 PSU 20W SWB MDU
	CE
EAN/UPC - Case	8719514534902

Dimensional drawing



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