



Ledinaire All-in floodlights

BVP167 LED24/830 40 65 PSU 20W SWB

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4000 K, 6500 K, CRI80, Symmetrical, IP65

With this Ledinaire all-in floodlights range, you can easily adjust the color temperature by a simple switch. No need to choose between warm white, neutral white or cool white anymore, you get all these in one single product! The range comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

General Information	
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Lamp family code	LED24S [LED module, system flux 2400
	lm]
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED system in flux
Value ladder	Value
Warranty period	5 years
Sustainability rating	-
Light Technical	
Upwards light output ratio	0
Luminous Flux	2,200 2,400 lm
Correlated Colour Temperature (Nom)	3000 4000 6500 K
Luminous efficacy (rated) (nom.)	120 110 lm/W
Colour rendering index (CRI)	>80

Light source colour	830 warm white and 865 cool daylight
Optic type	Symmetric 110°
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.008938 m²
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	1.1 A
Inrush time	0.0074 ms
Power Consumption	20 W
Power Factor (Fraction)	0.95
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug

Datasheet, 2024, April 25 data subject to change

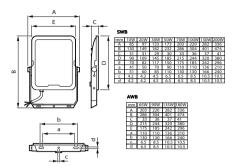
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Number of products on MCB (16 A type B)	109
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level up to 1.5
	kV differential mode and 1.5 kV common
	mode
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Constant light output	No
Embedded control	-
Photocell	-
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	Via U Shaped Bracket, Aiming Scale Angle
	Universal Installation
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	149 mm
Overall width	97 mm
Overall height	31 mm
Dimensions (height x width x depth)	31 x 97 x 149 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK07 [2 J reinforced]
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	0.290 kg
Emergency Operation	
Central Emergency	No

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Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Ambient temperature range	-25 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440,0.403); (0.369,0.364); (0.313,0.337)
	SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Standard Deviation of Colour Matching	SDCM≤5
(McAdam ellipse)	
Over Time Performance (IEC Complia	nt)
Over Time Performance (IEC Complia Control gear failure rate at median useful	nt) 7.5 %
Control gear failure rate at median useful	
Control gear failure rate at median useful life 50,000 h	7.5 %
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Control gear failure rate at median useful life 50,000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Product Data Order product name	7.5 % L80 BVP167 LED24/830_40_65 PSU 20W SWB
Control gear failure rate at median useful life 50,000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Product Data Order product name Full product name	7.5 % L80 BVP167 LED24/830_40_65 PSU 20W SWB BVP167 LED24/830_40_65 PSU 20W SWB
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Control gear failure rate at median useful life 50,000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Product Data Order product name Full product name Full EOC Order code	7.5 % L80 BVP167 LED24/830_40_65 PSU 20W SWB BVP167 LED24/830_40_65 PSU 20W SWB 872016973602399 911401872386
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Dimensional drawing





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