



Ledinaire floodlights gen3

BVP164 LED60/840 PSU 50W SWB CE

- - - 840 neutral white - - - Symmetrical

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		Light source color	
Lamp family code	-	Light source color	840 neutral white
Light source replaceable	No	Optical cover/lens type	Glass
Number of gear units	1 unit	Luminaire light beam spread	110° x 110°
Driver included	Yes	Optic type outdoor	Symmetrical wide beam
Light source engine type	LED	Operating and Electrical	
Service tag	No	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 or 60 Hz
		Input Frequency	50 or 60 Hz
		Initial CLO power consumption	- W
		Average CLO power consumption	50 W
		Power Consumption	50 W
		End CLO power consumption	- W
		Inrush current	1.68 A
		Inrush time	0.0082 ms
		Power Factor (Fraction)	0.95
		Connection	Flying leads/wires
		Cable	Cable 1.0 m without plug
Light Technical			
Upward light output ratio	0		
Luminous Flux	6,000 lumen		
Standard tilt angle posttop	-		
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	120 lm/W		
Color rendering index (CRI)	>80		
Flickering value (PstLM)	1		
Stroboscopic effect value (SVM)	5		

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Number of products on MCB of 16 A type B	44
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Temperature

Ambient temperature range	-25 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	173 mm
Overall width	232 mm
Overall height	26.1 mm
Effective projected area	0.028 m ²
Dimensions (Height x Width x Depth)	26 x 232 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)	2/2 kV
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-

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	(0.380, 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 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	80

Application Conditions

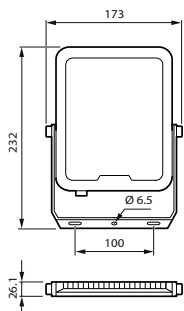
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871951453353099
Order product name	BVP164 LED60/840 PSU 50W SWB CE
Order code	911401854483
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material number (12NC)	911401854483
Full product name	BVP164 LED60/840 PSU 50W SWB CE
EAN/UPC - Case	8719514533776



Dimensional drawing



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