



Ledinaire floodlights gen3

BVP164 LED24/840 PSU 20W SWB MDU 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			
Lamp family code	-	Number of products on MCB (16 A type B)	104
Light source colour	840 neutral white	Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Light source replaceable	No	Photobiological risk specification	0.2 m
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	No [-]	Light source engine type	LED
Driver included	Yes		
Optical cover/lens type	G [Glass]	Light Technical	
Luminaire light beam spread	110° x 110°	Upward light output ratio	0
Control interface	-	Standard tilt angle post-top	-
Connection	Flying leads/cables	Standard tilt angle side entry	-
Cable	Cable 1.0 m without plug (C1K)		
Protection class IEC	Safety class I	Operating and Electrical	
Flammability mark	NO [-]	Input Voltage	220 to 240 V
CE mark	CE mark	Input frequency	50 or 60 Hz
ENEC mark	-	Initial CLO power consumption	- W
Warranty period	3 years	Average CLO power consumption	20 W
Optic type outdoor	Symmetrical	End CLO power consumption	- W
Constant light output	No	Inrush current	1.1 A

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Inrush time	0.0074 ms
Power factor (min.)	0.8

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	97 mm
Overall width	172 mm
Overall height	52 mm
Effective projected area	0.008 m²
Colour	grey
Dimensions (height x width x depth)	52 x 172 x 97 mm (2 x 6.8 x 3.8 in)

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2400 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W

Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	20 W
Power consumption tolerance	+/-10%
Init. colour 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

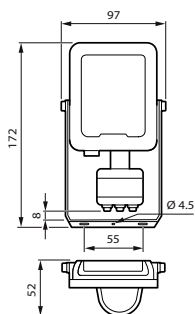
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871951453479799
Order product name	BVP164 LED24/840 PSU 20W SWB MDU CE
EAN/UPC – product	8719514534797
Order code	53479799
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	911401884083
SAP net weight (piece)	0.380 kg



Dimensional drawing



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