# **PHILIPS** Lighting



# Ledinaire floodlights gen3

# BVP164 LED36/840 PSU 30W SWB MDU CE

Ledinaire floodlights gen3, 30 W, 3600 lm, 4000 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	
Lamp family code	-
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
Embedded control	Movement and light sensor (On/Off)
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	3,600 lm

Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	120 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	5
Light source colour	840 neutral white
Optical cover 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
Initial CLO power consumption	- W
Average CLO power consumption	30 W
End CLO power consumption	- W

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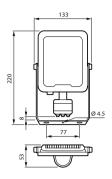
Inrush current	1.22 A
Inrush time	0.0072 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	64
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power 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	133 mm
Overall width	220 mm
Overall height	53 mm
Effective projected area	0.017 m²
Dimensions (height x width x depth)	53 x 220 x 133 mm
Approval and Application	
Ingrass protection code	IDCE (Duct population, protocted int

Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Photobiological risk specification	0.2 m
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 Complian	t)
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	
Order product name	BVP164 LED36/840 PSU 30W SWB MDU
	CE
Full product name	BVP164 LED36/840 PSU 30W SWB MDU
	CE
	CE
Full EOC	871951453477399
Full EOC Order code	
	871951453477399
Order code	871951453477399 53477399
Order code Material no. (12 NC)	871951453477399 53477399 911401884383
Order code Material no. (12 NC) SAP numerator – quantity per pack	871951453477399 53477399 911401884383 1

Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 2
	kV differential mode and 2 kV common
	mode

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#### Dimensional drawing





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