



# Ledinaire floodlights gen3

## BVP164 LED77/830 PSU 70W SWB MDU CE

-- 830 warm 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 Technical	
Lamp family code	-	Number of products on MCB (16 A type B)	31
Light source colour	830 warm 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	<b>Operating and Electrical</b>	
Optical cover/lens type	G [ Glass]	Input Voltage	220 to 240 V
Luminaire light beam spread	110° x 110°	Input frequency	50 or 60 Hz
Control interface	-	Initial CLO power consumption	- W
Connection	Flying leads/cables	Average CLO power consumption	70 W
Cable	Cable 2.0 m without plug (C2K)	End CLO power consumption	- W
Protection class IEC	Safety class I	Inrush current	3.64 A
Flammability mark	NO [-]		
CE mark	CE mark		
ENEC mark	-		
Warranty period	3 years		
Optic type outdoor	Symmetrical		
Constant light output	No		

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Inrush time	0.0222 ms
Power factor (min.)	0.9

### 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	203 mm
Overall width	293 mm
Overall height	53 mm
Effective projected area	0.038 m <sup>2</sup>
Colour	grey
Dimensions (height x width x depth)	53 x 293 x 203 mm (2.1 x 11.5 x 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)	7700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	110 lm/W

Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.440, 0.403) SDCM <5
Initial input power	70 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	80

### Application Conditions

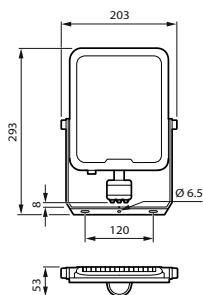
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

### Product Data

Full product code	871951453474299
Order product name	BVP164 LED77/830 PSU 70W SWB MDU CE
EAN/UPC – product	8719514534742
Order code	53474299
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	911401884883
SAP net weight (piece)	1.390 kg



## Dimensional drawing



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