



# Ledinaire All-in floodlights

## BVP167 LED84/830\_40\_65 PSU 70W SWB

Ledinaire All-in floodlights, 70 W, 7700 lm, 8400 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		Light source colour	
Lamp family code	LED84S [LED Module, system flux 8400 lm]	Light source colour	830 warm white and 865 cool daylight
Number of gear units	Unit	Optic type	Symmetric 110°
Driver included	Yes	Luminaire light beam spread	110°
Light source engine type	LED system in flux	Optic type outdoor	Symmetrical
Value ladder	Value	All-in Type	All-in, Multi Color Temperature
Warranty period	5 years	Effective projected area	0.037625 m <sup>2</sup>
Sustainability rating	-	<b>Operating and Electrical</b>	
<b>Light Technical</b>		Input Voltage	220-240 V
Upwards light output ratio	0	Line Frequency	50 or 60 Hz
Luminous Flux	7,700 8,400 lm	Inrush current	3.64 A
Correlated Colour Temperature (Nom)	3000 4000 6500 K	Inrush time	0.0222 ms
Luminous efficacy (rated) (nom.)	120 110 lm/W	Power Consumption	70 W
Colour rendering index (CRI)	>80	Power Factor (Fraction)	0.95
		Connection	Flying leads/cables
		Cable	Cable 2.0 m without plug

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Number of products on MCB (16 A type B)	31
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	286 mm
Overall width	203 mm
Overall height	33 mm
Dimensions (height x width x depth)	33 x 203 x 286 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	1.364 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 (McAdam ellipse)	SDCM≤5

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	L80

### Product Data

Order product name	BVP167 LED84/830_40_65 PSU 70W SWB
Full product name	BVP167 LED84/830_40_65 PSU 70W SWB
Full EOC	872016973605499
Order code	73605499
Material no. (12 NC)	911401875386
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169736054
Numerator – packs per outer box	10
EAN/UPC - Case	8720169736245

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## Dimensional drawing

