



Ledinaire All-in floodlights

BVP167 LED12/830_40_65 PSU 10W SWB MDU

Ledinaire All-in floodlights, 10 W, 1100 lm, 1200 lm, 3000 K, 4000 K, 6500 K, Sensor-based dim, Symmetrical, MDU

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		Colour rendering index (CRI)	
Lamp family code	LED12S [LED module, system flux 1200 lm]	Colour rendering index (CRI)	>80
Number of gear units	Unit	Flickering value (PstLM)	1
Driver included	Yes	Light source colour	830 warm white and 865 cool daylight
Photocell	Photocell included	Optic type	Symmetric 110°
Light source engine type	LED system in flux	Optical cover type	Glass
Value ladder	Value	Luminaire light beam spread	110°
Embedded control	Movement detection unit	Optic type outdoor	Symmetrical
		All-in Type	All-in, Multi Color Temperature
		Total harmonic distortion	20 %
Light Technical		Operating and Electrical	
Upwards light output ratio	0	Input Voltage	220-240 V
Luminous Flux	1,100 1,200 lm	Line Frequency	50 or 60 Hz
Standard tilt angle post-top	27°	Inrush current	0.78 A
Standard tilt angle side entry	-	Inrush time	0.00648 ms
Luminous efficacy (rated) (nom.)	110 120 lm/W	Power Consumption	10 W
Correlated Colour Temperature	3000 4000 6500 K		

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Power Factor (Fraction)	0.8
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	218

Temperature

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

Dimmable	Yes
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Control interface	Sensor-based dim
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	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	162 mm
Overall width	85 mm
Overall height	56 mm
Effective projected area	0.006300000000000001 m ²
Dimensions (height x width x depth)	56 x 85 x 162 mm

Emergency Operation

Central Emergency	No
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Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	1.5/1.5 kV
Sustainability rating	-
Protection class IEC	Safety class I

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	5 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	(0.440,0.403); (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	80

Application Conditions

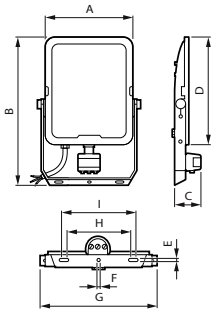
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Order product name	BVP167 LED12/830_40_65 PSU 10W SWB MDU
Full product name	BVP167 LED12/830_40_65 PSU 10W SWB MDU
Full EOC	872016973615399
Order code	73615399
Material no. (12 NC)	911401891386
Numerator – quantity per pack	1
Net Weight (Piece)	0.290 kg
EAN/UPC – Product/Case	8720169736153
Numerator – packs per outer box	24
EAN/UPC - Case	8720169736344

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Dimensional drawing



mm	10W	20W	30W	50W	70W
A	70	82	117	150	175
B	174	191	220	255	295
C	58	58	58	58	70
D	90	109	145	185	215
E	4,2	4,2	4,5	5,5	6,5
F	4,2	4,2	4,5	6,5	6,5
G	85	97	133	173	203
H	41	50	70	90	110
I	51	60	85	110	130

