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, CRI80, Sensor-based on/off, Symmetrical, MDU1, 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 this 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

Lamp family code	LED12S [LED module, system flux 1200 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED system in flux
Value ladder	Value
Warranty period	5 years
Sustainability rating	–

Light Technical

Upward light output ratio	0
Luminous Flux	1,100 1,200 lm
Correlated Color Temperature (Nom)	3000 4000 6500 K
Luminous Efficacy (rated) (Nom)	120 110 lm/W

Color rendering index (CRI)	>80
Light source color	830 warm white and 865 cool daylight
Optic type	Symmetric 110º
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.006300000000000001 m²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	0.78 A
Inrush time	0.00648 ms
Power Consumption	10 W

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Power Factor (Fraction)	0.8
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	218
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Luminaire surge protection level until 1.5 kV differential mode and 1.5 kV common mode
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	Sensor-based on/off
Constant light output	No
Embedded control	Movement and light sensor (On/Off)
Photocell	Photocell included

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	162 mm
Overall width	85 mm
Overall height	56 mm
Dimensions (Height x Width x Depth)	56 x 85 x 162 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Standard tilt angle posttop	27°
Standard tilt angle side entry	–
Optical cover type	Glass
Net Weight (Piece)	0.290 kg

Emergency Operation

Central Emergency	No

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) – Flickering value as per EN 61000-3-3	1
Ambient temperature range	-25 to +40 °C

Initial Performance (IEC Compliant)

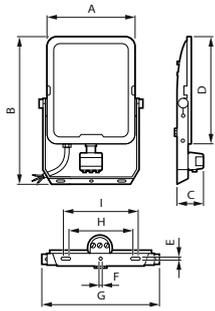|	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440,0.403); (0.369,0.364); (0.313,0.337) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L80

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 product code	872016973615399
Order code	911401891386
Material Nr. (12NC)	911401891386
Numerator – Quantity Per Pack	1
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	263	295
C	58	58	58	58	60
D	90	109	145	185	215
E	4.2	4.2	4.5	6.5	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

www.lighting.philips.com

2025, January 10 – data subject to change