



Ledinaire All-in floodlights

BVP167 LED60/830_40_65 PSU 50W SWB MDU

Ledinaire All-in floodlights, 50 W, 5500 lm, 6000 lm, 3000 K, 4000 K, 6500 K, CRI80, Sensor-controlled 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 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	
Lamp family code	LED60S [LED Module, system flux 6000 lm]
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED system in flux
Value ladder	Value
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	Unclassified

Light Technical	
Upwards light output ratio	0

Luminous Flux	5,500 6,000 lm
Correlated Colour Temperature (Nom)	3000 4000 6500 K
Luminous efficacy (rated) (nom.)	120 110 lm/W
Colour rendering index (CRI)	>80
Light source colour	Multi Colour Temperature
Optic type	Symmetric 110°
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.02775 m²

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

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Inrush current	1.68 A
Inrush time	0.0082 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug
Number of products on MCB (16 A type B)	43
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	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-controlled on/off
Constant light output	No
Embedded control	Movement and light sensor (On/Off)
Photocell	Photocell included

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	264 mm
Overall width	173 mm
Overall height	57 mm
Dimensions (height x width x depth)	57 x 173 x 264 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	0.850 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. Colour Rendering Index Tolerance	-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

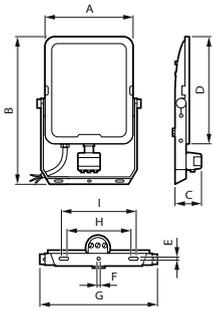
Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L70

Product Data

Order product name	BVP167 LED60/830_40_65 PSU 50W SWB MDU
Full product name	BVP167 LED60/830_40_65 PSU 50W SWB MDU
Full EOC	872016973618499
Order code	911401894386
Material no. (12 NC)	911401894386
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169736184
Numerator – packs per outer box	16
EAN/UPC – Case	8720169736375

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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	116	130

