Ledinaire All-in floodlights

BVP167 LED36/830_40_65 PSU 30W SWB

Ledinaire All-in floodlights, 30 W, 3300 lm, 3600 lm, 3000 K, 4000 K, 6500 K, Symmetrical

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	LED36S [LED module, system flux 3600 lm]
Number of gear units	Unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value

Light Technical	
Upwards light output ratio	0
Luminous Flux	3,300 3,600 lm
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Luminous efficacy (rated) (nom.)	120 110 lm/W
Correlated Colour Temperature	3000 4000 6500 K
Colour rendering index (CRI)	80
Light source colour	830 warm white and 865 cool daylight
Optic type	Symmetric 110°
Optical cover type	Glass
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	1.22 A
Inrush time	0.0072 ms
Power Consumption	30 W
Power Factor (Fraction)	0.95
Connection	Flying leads/cables

Ledinaire All-in floodlights

Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	73

Temperature

Ambient temperature range	-25 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
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	RAL 7043
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	182 mm
Overall width	133 mm
Overall height	29 mm
Effective projected area	0.016965 m²
Dimensions (height x width x depth)	29 x 133 x 182 mm

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
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m

CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
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

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

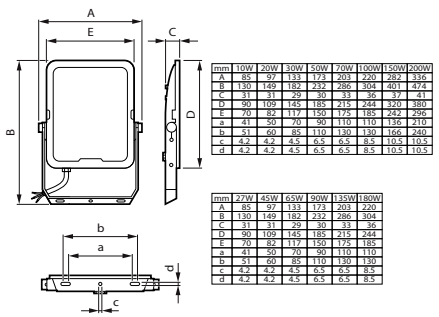
Application Conditions

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

Product Data

Order product name	BVP167 LED36/830_40_65 PSU 30W SWB
Full product name	BVP167 LED36/830_40_65 PSU 30W SWB
Full EOC	872016973603099
Order code	911401873386
Material no. (12 NC)	911401873386
Net Weight (Piece)	0.545 kg
EAN/UPC — Product/Case	8720169736030
Numerator – packs per outer box	16
EAN/UPC - Case	8720169736221

Dimensional drawing



mm	10W	20W	30W	50W	70W	100W	150W	200W
A	85	97	133	173	203	220	282	336
B	130	149	182	232	286	304	401	474
C	31	31	29	30	33	36	37	41
D	90	109	145	185	215	244	320	380
E	70	82	117	150	175	185	242	296
a	41	50	70	90	110	110	136	210
b	51	60	85	110	130	130	166	240
c	4.2	4.2	4.5	6.5	6.5	8.5	10.5	10.5
d	4.2	4.2	4.5	6.5	6.5	8.5	10.5	10.5

mm	27W	45W	65W	90W	135W	180W
A	85	97	133	173	203	220
B	130	149	182	232	286	304
C	31	31	29	30	33	36
D	90	109	145	185	215	244
E	70	82	117	150	175	185
a	41	50	70	90	110	110
b	51	60	85	110	130	130
c	4.2	4.2	4.5	6.5	6.5	8.5
d	4.2	4.2	4.5	6.5	6.5	8.5

© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2024, April 25 - data subject to change