PHILIPS

Lighting



Ledinaire All-in floodlights

BVP169 LED180/830_40_65 DOB 150W SWB

Ledinaire All-in floodlights, 150 W, 16500 lm, 18000 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 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	LED180-4S [LED module, system flux 18000 lm]
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value
Embedded control	-

Light Technical	
Upward light output ratio	0
Luminous Flux	16,500 18,000 lm
Standard tilt angle posttop	27°
Standard tilt angle side entry	-
Luminous Efficacy (rated) (Nom)	110 120 lm/W

Correlated Color Temperature (Nom)	3000 4000 6500 K
Color rendering index (CRI)	80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Light source color	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	4.16 A
Inrush time	0.0264 ms

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Power Consumption	150 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 2.0 m without plug
Number of products on MCB of 16 A type B	14

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	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	RAL 7043
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	401 mm
Overall width	282 mm
Overall height	37 mm
Effective projected area	0.07744 m²
Dimensions (Height x Width x Depth)	37 x 282 x 401 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
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

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	80

Application Conditions

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

Product Data

Order product name	BVP169 LED180/830_40_65 DOB 150W SWB
Full product name	BVP169 LED180/830_40_65 DOB 150W SWB
Full product code	872016973607899
Order code	911401877386
Material Nr. (12NC)	911401877386
Numerator - Quantity Per Pack	1
Net Weight (Piece)	3.050 kg
EAN/UPC - Product/Case	8720169736078
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169736269

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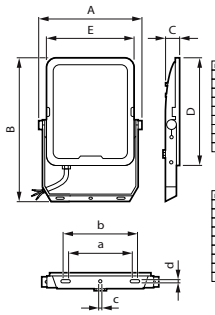
Dimensional drawing



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
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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

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