PHILIPS

Lighting



Ledinaire All-in floodlights

BVP167 LED24/830_40_65 DOB 20W SWB

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4200 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	LED24S [LED module, system flux 2400 lm]
Number of gear units	Unit
Driver included	Yes
Photocell	-
Light source engine type	LED system in flux
Value ladder	Value
Embedded control	-

Light Technical	
Upwards light output ratio	0
Luminous Flux	2,200 2,400 lm
Standard tilt angle post-top	27°
Standard tilt angle side entry	-
Luminous efficacy (rated) (nom.)	110 120 lm/W

Correlated Colour Temperature	3000 4200 6500 K
Colour rendering index (CRI)	80
Flickering value (PstLM)	1
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	1.1 A
Inrush time	0.0074 ms
Power Consumption	20 W

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Power Factor (Fraction)	0.95
Connection	Flying leads/cables
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	109

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	149 mm
Overall width	97 mm
Overall height	31 mm
Effective projected area	0.008938 m²
Dimensions (height x width x depth)	31 x 97 x 149 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
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 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	80

Application Conditions

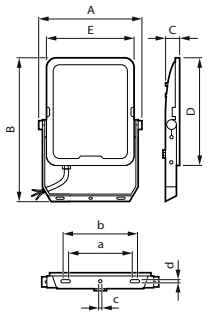
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Order product name	BVP167 LED24/830_40_65 DOB 20W SWB
Full product name	BVP167 LED24/830_40_65 DOB 20W SWB
Full EOC	872016973602399
Order code	73602399
Material no. (12 NC)	911401872386
SAP numerator – quantity per pack	1
Net Weight (Piece)	0.290 kg
EAN/UPC — Product/Case	8720169736023
Numerator – packs per outer box	24
EAN/UPC - Case	8720169736214

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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
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

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