



# Ledinaire All-in floodlights

## BVP167 LED24/830\_40\_65DOB 20W SWB MDU

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4200 K, 6500 K, Sensor-based dim, Symmetrical, MDU

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		Operating and Electrical	
Lamp family code	LED24S [LED module, system flux 2400 lm]	Colour rendering index (CRI)	80
Number of gear units	Unit	Flickering value (PstLM)	1
Driver included	Yes	Light source colour	830 warm white and 865 cool daylight
Photocell	Photocell included	Optic type	Symmetric 110°
Light source engine type	LED system in flux	Optical cover type	Glass
Value ladder	Value	Luminaire light beam spread	110°
Embedded control	Movement detection unit	Optic type outdoor	Symmetrical
		All-in Type	All-in, Multi Color Temperature
Light Technical			
Upwards light output ratio	0	Input Voltage	220-240 V
Luminous Flux	2,200 2,400 lm	Line Frequency	50 or 60 Hz
Standard tilt angle post-top	27°	Inrush current	1.1 A
Standard tilt angle side entry	-	Inrush time	0.0074 ms
Luminous efficacy (rated) (nom.)	110 120 lm/W	Power Consumption	20 W
Correlated Colour Temperature	3000 4200 6500 K	Power Factor (Fraction)	0.8

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Connection	Flying leads/cables
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	109
<b>Temperature</b>	
Ambient temperature range	-25 to +40 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Control interface	Sensor-based dim
Constant light output	No
<b>Mechanical and Housing</b>	
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	181 mm
Overall width	97 mm
Overall height	56 mm
Effective projected area	0.008938 m <sup>2</sup>
Dimensions (height x width x depth)	56 x 97 x 181 mm
<b>Approval and Application</b>	
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

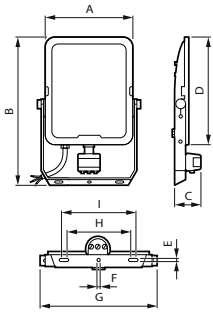
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

### Product Data

Order product name	BVP167 LED24/830_40_65DOB 20W SWB MDU
Full product name	BVP167 LED24/830_40_65DOB 20W SWB MDU
Full EOC	872016973616099
Order code	911401892386
Material no. (12 NC)	911401892386
SAP numerator – quantity per pack	1
Net Weight (Piece)	0.330 kg
EAN/UPC – Product/Case	8720169736160
Numerator – packs per outer box	24
EAN/UPC - Case	8720169736351

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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	110	130

