



# Ledinaire All-in floodlights

## BVP167 LED24/830\_40\_65 PSU 20W SWB MDU

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4000 K, 6500 K, CRI80, Sensor-based 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 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	LED24S [LED module, system flux 2400 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED system in flux
Value ladder	Value
Warranty period	5 years
Sustainability rating	-

Light Technical	
Upward light output ratio	0
Luminous Flux	2,200 2,400 lm
Correlated Color Temperature (Nom)	3000 4000 6500 K
Luminous Efficacy (rated) (Nom)	120 110 lm/W

Color rendering index (CRI)	>80
Light source color	830 warm white and 865 cool daylight
Optic type	Symmetric 110°
Luminaire light beam spread	110°
Optic type outdoor	Symmetrical
All-in Type	All-in, Multi Color Temperature
Effective projected area	0.008938 m²

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

## Ledinaire All-in floodlights

Power Factor (Fraction)	0.8
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	109
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire 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-based on/off
Constant light output	No
Embedded control	Movement and light sensor (On/Off)
Photocell	Photocell included

### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	181 mm
Overall width	97 mm
Overall height	56 mm
Dimensions (Height x Width x Depth)	56 x 97 x 181 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Standard tilt angle posttop	27°
Standard tilt angle side entry	-
Optical cover type	Glass
Net Weight (Piece)	0.330 kg

### Emergency Operation

Central Emergency	No
-------------------	----

### 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) - Flickering value as per EN 61000-3-3	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. Color 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 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

### Product Data

Order product name	BVP167 LED24/830_40_65 PSU 20W SWB MDU
Full product name	BVP167 LED24/830_40_65 PSU 20W SWB MDU
Full product code	872016973616099
Order code	911401892386
Material Nr. (12NC)	911401892386
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736160
Numerator - Packs per outer box	24
EAN/UPC - Case	8720169736351

Ledinaire All-in floodlights

Dimensional drawing

