



Ledinaire Floodlights Solar

BVP085 LED17/830

Ledinaire Floodlights Solar, 13 W, 1690 lm, 3000 K, CRI80, IR remote, Symmetrical, IP65

Install it everywhere, no energy bill anymore. This Ledinaire floodlight range is powered by a solar panel and an integrated battery. A remote control enables you to light it On/Off and choose between different lighting durations and dimming possibilities. The range comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Warnings and Safety

- The floodlight will not work and the battery will not charge below 0°C in order to protect the battery lifetime
- Optimum battery charging under bright sun exposure
- Disposal at end of life: Battery to be removed by professional

Product data

General Information		Mounting	
Lamp family code	LED17S [LED module, system flux 1700 lm]		Wall
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Upward light output ratio	0
Feed-through wiring	-	Luminous Flux	1,690 lm
Light source engine type	LED system in flux	Standard tilt angle posttop	27°
Value ladder	Value	Standard tilt angle side entry	-
Explosion hazard class	-	Luminous Efficacy (rated) (Nom)	130 lm/W
Embedded control	Solar dim profile version 1	Saturated Red (R9)	<50
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Correlated Color Temperature (Nom)	3000 K
		Color rendering index (CRI)	80

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Beam angle of light source	114 degree(s)
Light source color	830 warm white
Optic type	Very wide beam
Optical cover type	Glass
Luminaire light beam spread	114°
Optic type outdoor	Symmetrical

Operating and Electrical

Input Voltage	3 V
Line Frequency	0 Hz
Inrush current	0 A
Inrush time	0 ms
Power Consumption	13 W
Power Factor (Fraction)	1
Connection	Waterproof External plug-in connector 3-pole
Cable	2x0.75mm ²
Number of products on MCB of 16 A type B	-

Temperature

Ambient temperature range	0 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Control interface	IR remote
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	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
Reflector Finish	High-gloss reflector
Overall length	220 mm
Overall width	232 mm
Overall height	60.4 mm
Effective projected area	0.04 m ²
Dimensions (Height x Width x Depth)	60 x 232 x 220 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK06 [1 J]
Surge Protection (Common/Differential)	1.5/1.5 kV
Sustainability rating	-
Protection class IEC	Safety class III
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Warranty period	2 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.313,0.334) SDCM<=5
Power consumption tolerance	+/-5%
Init. Color Rendering Index Tolerance	-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	7.5 %
50000 h	
Lumen maintenance at median useful life*	L70
50000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Not applicable

Product Data

Order product name	BVP085 LED17/830
Full product name	BVP085 LED17/830
Full product code	872016975199699
Order code	911401881702
Material Nr. (12NC)	911401881702
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.830 kg
EAN/UPC - Product/Case	8720169751996
Numerator - Packs per outer box	5
EAN/UPC - Case	8720169752078

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Dimensional drawing

