



# 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 <sup>2</sup>
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 <sup>2</sup>
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

