



# Ledinaire Floodlights Solar

## **BVP085 LED09/840**

Ledinaire Floodlights Solar, 6.5 W, 910 lm, 4000 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	
Lamp family code	LED9-4S [LED module, system flux 900
	lm]
Number of gear units	1 unit
Driver included	Yes
Feed-through wiring	-
Light source engine type	LED system in flux
Value ladder	Value
Explosion hazard class	-
Embedded control	Solar dim profile version 1

Serviceability class	Class C, luminaire without serviceable	
	parts, not serviceable	
Mounting	Wall	
Light Technical		
Upward light output ratio	0	
Luminous Flux	910 lm	
Standard tilt angle posttop	27°	
Standard tilt angle side entry	-	
Luminous Efficacy (rated) (Nom)	140 lm/W	
Saturated Red (R9)	<50	

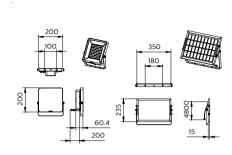
Datasheet, 2024, September 13 data subject to change

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Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Color rendering index (CRI)	>80	Ingress protection code	IP65 [Dust penetration-protected, jet-
Beam angle of light source	114 degree(s)		proof]
Light source color	840 neutral white	Mech. impact protection code	IK06 [1 J]
Optic type	Very wide beam	Surge Protection (Common/Differential)	1.5/1.5 kV
Optical cover type	Glass	Sustainability rating	-
Luminaire light beam spread	114°	Protection class IEC	Safety class III
Optic type outdoor	Symmetrical	Glow-wire test	Temperature 650 °C, duration 30 s
		Flammability mark	For mounting on normally flammable
Operating and Electrical			surfaces
Input Voltage	3 V	CE mark	Yes
Line Frequency	0 Hz	ENEC mark	-
Inrush current	0 A	Warranty period	2 years
Inrush time	0 ms	Photobiological risk	Photobiological risk group 0 @200mm
Power Consumption	6.5 W		to EN62778
Power Factor (Fraction)	1	EU RoHS compliant	Yes
Connection	Waterproof External plug-in connector		
	3-pole	Initial Performance (IEC Compliant)	
Cable	2×0.75mm²	Luminous flux tolerance	+/-10%
Number of products on MCB of 16 A type B	<u>-</u>	Initial chromaticity	(0.313,0.334) SDCM<=5
		Power consumption tolerance	+/-5%
Temperature		Init. Color Rendering Index Tolerance	-2
Ambient temperature range	0 to +50 °C		
		Over Time Performance (IEC Compliant)	
Controls and Dimming		Control gear failure rate at median useful life	7.5 %
Dimmable	Yes	50000 h	
Driver/power unit/transformer	Driver integrated on LED board (DoB)	Lumen maintenance at median useful life*	L65
Control interface	IR remote	35000 h	
Constant light output	No	Lumen maintenance at median useful life*	L70
		50000 h	
Mechanical and Housing			
Housing Material	Aluminum	Application Conditions	
Reflector material	Polycarbonate	Performance ambient temperature Tq	25 °C
Optic material	Polycarbonate	Maximum dim level	10%
Optical cover material	Glass	Suitable for random switching	Not applicable
Fixation material	Steel		
Housing Color	Grey	Product Data	
Mounting device	Via U Shaped Bracket, Aiming Scale	Order product name	BVP085 LED09/840
	Angle, Universal Installation	Full product name	BVP085 LED09/840
Optical cover shape	Flat	Full product code	872016975198999
Optical cover finish	Clear	Order code	911401881602
Reflector Finish	High-gloss reflector	Material Nr. (12NC)	911401881602
Overall length	220 mm	Numerator - Quantity Per Pack	1
Overall width	232 mm	Net Weight (Piece)	2.370 kg
Overall height	60.4 mm	EAN/UPC - Product/Case	8720169751989
Effective projected area	0.04 m²	Numerator - Packs per outer box	5
Dimensions (Height x Width x Depth)	60 x 232 x 220 mm	EAN/UPC - Case	8720169752061
Emergency Operation			
Central Emergency	No		

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### Dimensional drawing





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