Ledinaire Floodlights Solar

BVP085 LED42/830

Ledinaire Floodlights Solar, 32 W, 4160 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	
Lamp family code	LED42S [LED module, system flux 4200 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED system in flux
Value ladder	Value
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	2 years

Sustainability rating	–

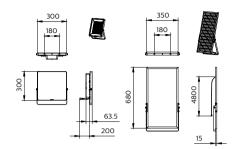| Light Technical	
Upward light output ratio	0
Luminous Flux	4,160 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	114 degree(s)
Light source color	830 warm white

Ledinaire Floodlights Solar

Optic type	Very wide beam		Mech. impact protection code	IK06 [1 J]
Luminaire light beam spread	114°		Explosion hazard class	–
Optic type outdoor	Symmetrical		Standard tilt angle posttop	27°
Effective projected area	0.09 m²		Standard tilt angle side entry	–
			Mounting	Wall
Operating and Electrical			Optical cover type	Glass
Input Voltage	10 V		Net Weight (Piece)	6.200 kg
Line Frequency	0 Hz			
Inrush current	0 A		**Emergency Operation**	
Inrush time	0 ms		Central Emergency	No
Power Consumption	32 W			
Power Factor (Fraction)	1		**Approval and Application**	
Connection	Waterproof External plug-in connector 3-pole		Glow-wire test	Temperature 650 °C, duration 30 s
Cable	2×0.75mm²		Flammability mark	For mounting on normally flammable surfaces
Number of products on MCB of 16 A type B	–		CE mark	Yes
Suitable for random switching	Not applicable		ENEC mark	–
Protection class IEC	Safety class III		Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Surge Protection (Common/Differential)	Luminaire surge protection level until 1.5 kV differential mode and 1.5 kV common mode		EU RoHS compliant	Yes
			Performance ambient temperature Tq	25 °C
Feed-through wiring	–		Ambient temperature range	0 to +50 °C
Controls and Dimming			**Initial Performance (IEC Compliant)**	
Dimmable	Yes		Luminous flux tolerance	+/-10%
Driver/power unit/transformer	Driver integrated on LED board (DoB)		Initial chromaticity	(0.312,0.334) SDCM<=5
Control interface	IR remote		Power consumption tolerance	+/-5%
Constant light output	No		Init. Color Rendering Index Tolerance	-2
Maximum dim level	10%			
Embedded control	Solar dim profile version 1		**Over Time Performance (IEC Compliant)**	
			Control gear failure rate at median useful life 50000 h	7.5 %
Mechanical and Housing			Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	L65
Housing Material	Aluminum			
Reflector material	Polycarbonate		Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70
Optic material	Polycarbonate			
Optical cover material	Glass			
Fixation material	Steel		**Product Data**	
Housing Color	Grey		Order product name	BVP085 LED42/830
Mounting device	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation		Full product name	BVP085 LED42/830
Optical cover shape	Flat		Full product code	872016975203099
Optical cover finish	Clear		Order code	911401882102
Reflector Finish	High-gloss reflector		Material Nr. (12NC)	911401882102
Overall length	320 mm		Numerator – Quantity Per Pack	1
Overall width	342 mm		EAN/UPC – Product/Case	8720169752030
Overall height	63.5 mm		Numerator – Packs per outer box	3
Dimensions (Height x Width x Depth)	64 x 342 x 320 mm		EAN/UPC – Case	8720169752115
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]			

Ledinaire Floodlights Solar

Dimensional drawing