PHILIPS Lighting



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		Serviceability class	Class C, luminaire without serviceable
Lamp family code	LED42S [LED module, system flux 4200		parts, not serviceable
	lm]	Mounting	Wall
Number of gear units	1 unit		
Driver included	Yes	Light Technical	
Feed-through wiring	-	Upward light output ratio	0
Light source engine type	LED system in flux	Luminous Flux	4,160 lm
Value ladder	Value	Standard tilt angle posttop	27°
Explosion hazard class	-	Standard tilt angle side entry	-
Embedded control	Solar dim profile version 1	Luminous Efficacy (rated) (Nom)	130 lm/W
		Saturated Red (R9)	<50

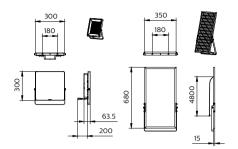
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Correlated Color Temperature (Nom)	3000 К
Color rendering index (CRI)	80
Beam angle of light source	114 degree(s)
Light source color	830 warm white
Optic type	Very wide beam
Optical cover type	Glass
Luminaire light beam spread	114°
Optic type outdoor	Symmetrical
Operating and Electrical	
Input Voltage	10 V
Line Frequency	0 Hz
Inrush current	0 A
Inrush time	0 ms
Power Consumption	32 W
Power Factor (Fraction)	1
Connection	Waterproof External plug-in connector 3-
	pole
Cable	2×0.75mm²
Number of products on MCB of 16 A type B	-
Temperature	
Ambient temperature range	0 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Driver integrated on LED board (DoB)
Control interface	IR remote
Constant light output	No
Machanical and Llousin -	
Mechanical and Housing	
Mechanical and Housing Housing Material	Aluminum
	Aluminum Polycarbonate
Housing Material	
Housing Material Reflector material	Polycarbonate
Housing Material Reflector material Optic material	Polycarbonate Polycarbonate
Housing Material Reflector material Optic material Optical cover material	Polycarbonate Polycarbonate Glass
Housing Material Reflector material Optic material Optical cover material Fixation material	Polycarbonate Polycarbonate Glass Steel
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Polycarbonate Polycarbonate Glass Steel Grey
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle,
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle, Universal Installation Flat
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle, Universal Installation Flat Clear
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Reflector Finish	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle, Universal Installation Flat Clear High-gloss reflector
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Reflector Finish Overall length	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle, Universal Installation Flat Clear High-gloss reflector 320 mm
Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Reflector Finish Overall length Overall width	Polycarbonate Polycarbonate Glass Steel Grey Via U Shaped Bracket, Aiming Scale Angle, Universal Installation Flat Clear High-gloss reflector 320 mm 342 mm

Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-	
	proof]	
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	(0.312,0.334) SDCM<=5	
Power consumption tolerance	+/-5%	
Init. Color Rendering Index Tolerance	-2	
Over Time Performance (IEC Complia	nt)	
Control gear failure rate at median useful	7.5 %	
life 50000 h		
Lumen maintenance at median useful life*	L70	
50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	10%	
Suitable for random switching	Not applicable	
Product Data		
Order product name	BVP085 LED42/830	
Full product name	BVP085 LED42/830	
Full product code	872016975203099	
Order code	911401882102	
Material Nr. (12NC)	911401882102	
Numerator - Quantity Per Pack	1	
Net Weight (Piece)	6.200 kg	
EAN/UPC - Product/Case	0720100752020	
	8720169752030	
Numerator - Packs per outer box	3	
Numerator - Packs per outer box EAN/UPC - Case		

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Dimensional drawing





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