PHILIPS Lighting



Ledinaire Floodlights Solar

BVP085 LED45/840

Ledinaire Floodlights Solar, 32 W, 4480 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		Serviceability class	Class C, luminaire without serviceable
Lamp family code	LED45S [LED Module, system flux 4500		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	4,480 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)	140 lm/W
		Saturated Red (R9)	<50

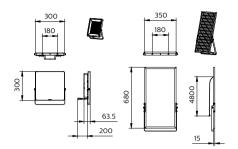
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Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Beam angle of light source	114 degree(s)
Light source color	840 neutral white
Optic type	Very wide beam
Optical cover type	Glass
Luminaire light beam spread	114°
Optic type outdoor	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
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
	Via U Shaped Bracket, Aiming Scale Angle, Universal Installation
Optical cover shape	
Optical cover shape Optical cover finish	Angle, Universal Installation
	Angle, Universal Installation Flat
Optical cover finish	Angle, Universal Installation Flat Clear
Optical cover finish Reflector Finish	Angle, Universal Installation Flat Clear High-gloss reflector
Optical cover finish Reflector Finish Overall length	Angle, Universal Installation Flat Clear High-gloss reflector 320 mm
Optical cover finish Reflector Finish Overall length Overall width	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	
Control gear failure rate at median useful lif 50000 h	e 7.5 %	
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 LED45/840	
Full product name	BVP085 LED45/840	
Full product code	872016975204799	
Order code	911401882202	
Material Nr. (12NC)	911401882202	
Numerator - Quantity Per Pack	1	
Net Weight (Piece)	6.200 kg	
EAN/UPC - Product/Case	8720169752047	
Numerator - Packs per outer box	3	
EAN/UPC - Case	8720169752122	

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Dimensional drawing





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