



# Ledinaire Floodlights Solar

## **BVP085 LED28/840**

Ledinaire Floodlights Solar, 20 W, 2800 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	LED28S [LED module, system flux 2800	
	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	2,800 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	114 degree(s)
Light source color	840 neutral white

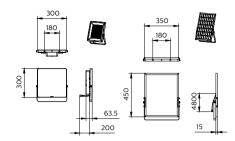
Datasheet, 2025, March 11 data subject to change

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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)	4.460 kg
Line Frequency	0 Hz		
Inrush current	0 A	Emergency Operation	
Inrush time	0 ms	Central Emergency	No
Power Consumption	20 W		
Power Factor (Fraction)	1	Approval and Application	
Connection	Waterproof External plug-in connector 3-	Glow-wire test	Temperature 650 °C, duration 30 s
	pole	Flammability mark	For mounting on normally flammable
Cable	2×0.75mm²		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
Surge Protection (Common/Differential)	Luminaire surge protection level until 1.5		EN62778
	kV differential mode and 1.5 kV common	EU RoHS compliant	Yes
	mode	Performance ambient temperature Tq	25 ℃
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	(0.312,0.332) 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 Complian	nt)
		Control gear failure rate at median useful	7.5 %
Mechanical and Housing		life 50000 h	
Housing Material	Aluminum	Lumen maintenance (EN-IEC 62722-2-1) at	L65
Reflector material	Polycarbonate	median useful life* 35000 h	
Optic material	Polycarbonate	Lumen maintenance (EN-IEC 62722-2-1) at	L70
Optical cover material	Glass	median useful life* 50000 h	
Fixation material	Steel		
Housing Color	Grey	Product Data	
Mounting device	Via U Shaped Bracket, Aiming Scale Angle,	Order product name	BVP085 LED28/840
	Universal Installation	Full product name	BVP085 LED28/840
Optical cover shape	Flat	Full product code	872016975202399
Optical cover finish	Clear	Order code	911401882002
Reflector Finish	High-gloss reflector	Material Nr. (12NC)	911401882002
Overall length	320 mm	Numerator - Quantity Per Pack	1
Overall width	342 mm	EAN/UPC - Product/Case	8720169752023
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	8720169752108
Ingress protection code	IP65 [Dust penetration-protected, jet-		
C P	proof]		

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### Dimensional drawing





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