



Solar flood lighting kit.

SmartBright Solar Flood Light

A solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire. Split folding solar panel, remote control and installation accessories. IP 66, IK 07. Extruded aluminium construction for sturdiness and long life. Choice of four lumen packs – 1,000, 2,000, 3,000, 4,800 lumens

Benefits

- All components included in one box – do it yourself
- Easily configurable according to consumer need.
- Durable and long-lasting.
- Solar Flood for wide outdoor applications where electrical connection is not possible/difficult.

Features

- Solar floodlight range of the 4 products – equivalent to 100 W, 200 W, 300 W and 500 W Halogen floodlights respectively
- Infrared remote controller to dim luminaires with three presets – low, medium, high
- Aluminium die-cast housing
- Split folding solar panel
- LiFePO4 battery included inside the luminaire.

Application

- Amenity
- Security
- Landscaping
- Parking
- Individual homes
- Plazas, squares
- Architectural lighting

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Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Versions



Application conditions

Ambient temperature range	0 to +45 °C
Battery location	Inside luminaire
Grid connection type	Off grid
Solar dimming profile	As per remote controller

Approval and application

Ingress protection code	IP66
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Controls and dimming

Configurability	Configurable
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Operating and electrical

Battery type	Lithium Ferro Phosphate
Cable connection kit	Included
Panel type	Poly crystalline

Initial performance (IEC compliant)

Init. Colour rendering index	>70
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Mechanical and housing

Colour	RAL 9007
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Controls and dimming

Order Code	Full Product Name	Dimmable
911401824002	BVP080 LED10/757 060 ID	Yes
911401859681	BVP080 LED10/757 060	Wireless Dim
911401824102	BVP080 LED20/757 100 ID	Yes
911401859781	BVP080 LED20/757 100	Wireless Dim
911401824202	BVP080 LED48/757 200 ID	Yes
911401859981	BVP080 LED48/757 200	Wireless Dim
911401824302	BVP080 LED30/757 150 ID	Yes

Operating and electrical

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401824002	BVP080 LED10/757 060 ID	5 Ah	6.4 V	10 W	6 V
911401859681	BVP080 LED10/757 060	-	6.4 V	10 W	6 V
911401824102	BVP080 LED20/757 100 ID	5 Ah	12.8 V	25 W	12 V

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401859781	BVP080 LED20/757 100	-	12.8 V	25 W	12 V
911401824202	BVP080 LED48/757 200 ID	15 Ah	12.8 V	50 W	12 V

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Order Code	Full Product Name	Battery			
		ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401859981	BVP080 LED48/757 200	-	12.8 V	50 W	12 V

Order Code	Full Product Name	Battery			
		ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401824302	BVP080 LED30/757 150 ID	10 Ah	12.8 V	30 W	12 V

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature
911401824002	BVP080 LED10/757 060 ID	5700 K
911401859681	BVP080 LED10/757 060	5700 K
911401824102	BVP080 LED20/757 100 ID	5700 K
911401859781	BVP080 LED20/757 100	5700 K

Order Code	Full Product Name	Init. Corr. Colour Temperature
911401824202	BVP080 LED48/757 200 ID	5700 K
911401859981	BVP080 LED48/757 200	- K
911401824302	BVP080 LED30/757 150 ID	5700 K

Mechanical and housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401824002	BVP080 LED10/757 060 ID	56 mm	257 mm	190 mm
911401859681	BVP080 LED10/757 060	56 mm	257 mm	190 mm
911401824102	BVP080 LED20/757 100 ID	65 mm	311 mm	235 mm
911401859781	BVP080 LED20/757 100	65 mm	311 mm	235 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401824202	BVP080 LED48/757 200 ID	90 mm	451 mm	323 mm
911401859981	BVP080 LED48/757 200	90 mm	451 mm	323 mm
911401824302	BVP080 LED30/757 150 ID	78 mm	398 mm	310 mm

