



Solar flood lighting kit.

SmartBright Solar Flood Light

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Split folding solar panel, remote controller and installation accessories. IP 66, IK 07, Extruded aluminium construction for sturdiness and long life. Choice of four lumen packs – 1000, 2000, 3000, 4800 lumens

Benefits

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

Features

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

Application

- Amenity
- Security
- Landscape
- Parking
- Individual homes
- Plaza Square
- 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. Color Rendering Index	>70
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Mechanical and housing

Color	RAL 9007
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Controls and dimming

Order Code	Full Product Name	Dimmable
911401824002	BVP080 LED10/757 060 ID	Yes
911401826702	BVP080 LED10/757 060	Yes
911401859681	BVP080 LED10/757 060	Wireless Dim
911401860081	BVP080 LED10/757 060 CN	Wireless Dim
911401824102	BVP080 LED20/757 100 ID	Yes
911401826602	BVP080 LED20/757 100	Yes
911401859781	BVP080 LED20/757 100	Wireless Dim
911401860181	BVP080 LED20/757 100 CN	Wireless Dim
911401824202	BVP080 LED48/757 200 ID	Yes
911401826802	BVP080 LED48/757 200	Yes
911401859981	BVP080 LED48/757 200	Wireless Dim
911401860381	BVP080 LED48/757 200 CN	Wireless Dim
911401824302	BVP080 LED30/757 150 ID	Yes
911401826502	BVP080 LED30/757 150	Yes
911401859881	BVP080 LED30/757 150	Wireless Dim
911401860281	BVP080 LED30/757 150 CN	Wireless Dim

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
911401826702	BVP080 LED10/757 060	5 Ah	6.4 V	10 W	6 V

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401859681	BVP080 LED10/757 060	-	6.4 V	10 W	6 V
911401860081	BVP080 LED10/757 060 CN	-	6.4 V	10 W	6 V

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Order Code	Full Product Name	Battery		Panel peak wattage	Panel voltage
		ampere hour	Battery voltage		
911401824102	BVP080 LED20/757 100 ID	5 Ah	12.8 V	25 W	12 V
911401826602	BVP080 LED20/757 100	5 Ah	12.8 V	25 W	12 V
911401859781	BVP080 LED20/757 100	-	12.8 V	25 W	12 V
911401860181	BVP080 LED20/757 100 CN	-	12.8 V	25 W	12 V
911401824202	BVP080 LED48/757 200 ID	15 Ah	12.8 V	50 W	12 V
911401826802	BVP080 LED48/757 200	15 Ah	12.8 V	50 W	12 V

Order Code	Full Product Name	Battery		Panel peak wattage	Panel voltage
		ampere hour	Battery voltage		
911401859981	BVP080 LED48/757 200	-	12.8 V	50 W	12 V
911401860381	BVP080 LED48/757 200 CN	-	12.8 V	50 W	12 V
911401824302	BVP080 LED30/757 150 ID	10 Ah	12.8 V	30 W	12 V
911401826502	BVP080 LED30/757 150	10 Ah	12.8 V	30 W	12 V
911401859881	BVP080 LED30/757 150	-	12.8 V	30 W	12 V
911401860281	BVP080 LED30/757 150 CN	-	12.8 V	30 W	12 V

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature
911401824002	BVP080 LED10/757 060 ID	5700 K
911401826702	BVP080 LED10/757 060	5700 K
911401859681	BVP080 LED10/757 060	5700 K
911401860081	BVP080 LED10/757 060 CN	5700 K
911401824102	BVP080 LED20/757 100 ID	5700 K
911401826602	BVP080 LED20/757 100	5700 K
911401859781	BVP080 LED20/757 100	5700 K
911401860181	BVP080 LED20/757 100 CN	5700 K

Order Code	Full Product Name	Init. Corr. Color Temperature
911401824202	BVP080 LED48/757 200 ID	5700 K
911401826802	BVP080 LED48/757 200	5700 K
911401859981	BVP080 LED48/757 200	- K
911401860381	BVP080 LED48/757 200 CN	- K
911401824302	BVP080 LED30/757 150 ID	5700 K
911401826502	BVP080 LED30/757 150	5700 K
911401859881	BVP080 LED30/757 150	5700 K
911401860281	BVP080 LED30/757 150 CN	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
911401826702	BVP080 LED10/757 060	56 mm	257 mm	190 mm
911401859681	BVP080 LED10/757 060	56 mm	257 mm	190 mm
911401860081	BVP080 LED10/757 060 CN	56 mm	257 mm	190 mm
911401824102	BVP080 LED20/757 100 ID	65 mm	311 mm	235 mm
911401826602	BVP080 LED20/757 100	65 mm	311 mm	235 mm
911401859781	BVP080 LED20/757 100	65 mm	311 mm	235 mm
911401860181	BVP080 LED20/757 100 CN	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
911401826802	BVP080 LED48/757 200	90 mm	451 mm	323 mm
911401859981	BVP080 LED48/757 200	90 mm	451 mm	323 mm
911401860381	BVP080 LED48/757 200 CN	90 mm	451 mm	323 mm
911401824302	BVP080 LED30/757 150 ID	78 mm	398 mm	310 mm
911401826502	BVP080 LED30/757 150	78 mm	398 mm	310 mm
911401859881	BVP080 LED30/757 150	78 mm	398 mm	310 mm
911401860281	BVP080 LED30/757 150 CN	78 mm	398 mm	310 mm

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