



Outdoor Solar LED Wall light

Essential SmartBright Solar Wall Light

Outdoor solar wall light with inbuilt lithium ferro phosphate battery, solar panel, inbuilt motion sensor, switch to change modes and LED lights integrated in ABS plastic housing.

Benefits

- DIY easy installation
- No wiring required
- Suitable for outdoor installation.
- Motion sensor to optimize battery and light requirements.
- Easily configurable as per consumer need.

Features

- All in one construction, the device can be installed on a wall screw.
- Completely powered by solar energy.
- IP42 rated ABS plastic housing.
- PIR motion sensor to detect motion and optimize battery life.
- Toggle switch on front to cycle through multiple operational modes.
- LiFePO4 battery included inside the luminaire.

Application

- Garden
- Walkways
- Parking areas
- Architectural Lighting
- Landscape

Warnings and Safety

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

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Versions



BWS010 LED50/765

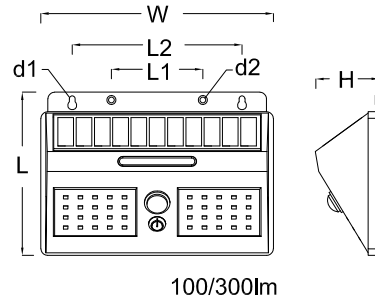
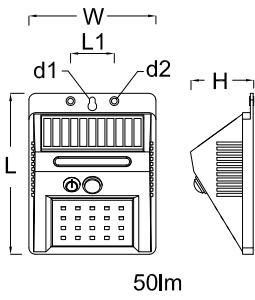


BWS010 LED300/765



BWS010 LED100/765

Dimensional drawing



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Light Technical

Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>70

Operating and Electrical

Battery type	Lithiumion - NMC
Battery voltage	3.7 V
Charge controller type	PWM
Panel type	Poly crystalline

Temperature

Ambient temperature range	0 to +45 °C
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Controls and Dimming

Dimmable	Yes
Configurability	Configurable

Mechanical and Housing

Overall length	125 mm
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Approval and Application

Ingress protection code	IP42
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Application Conditions

Battery location	Inside luminaire
Solar dimming profile	As per mode switch

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401828102	BWS010 LED50/765	0.8 Ah	0.5 W
911401828302	BWS010 LED300/765	2 Ah	1.3 W
911401828202	BWS010 LED100/765	1.2 Ah	0.75 W

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall width
911401828102	BWS010 LED50/765	52 mm	99 mm
911401828302	BWS010 LED300/765	54 mm	178 mm

Order Code	Full Product Name	Overall height	Overall width
911401828202	BWS010 LED100/765	54 mm	178 mm

