



# 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

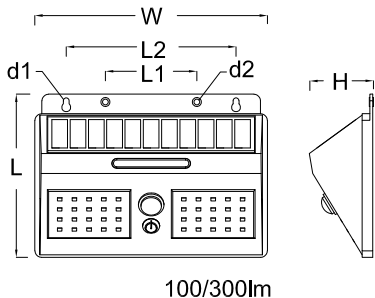
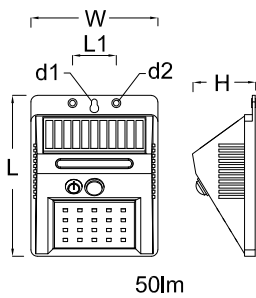


BWS010 LED300/765



BWS010 LED100/765

## Dimensional drawing



# Essential SmartBright Solar Wall Light

| 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        |
| Controls and Dimming               |                    |
| Dimmable                           | Yes                |
| Configurability                    | Configurable       |
| Mechanical and Housing             |                    |
| Overall length                     | 125 mm             |
| Approval and Application           |                    |
| Ingress protection code            | IP42               |
| 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        |

