PHILIPS

Lighting

# Outdoor Solar Multi-application light

## Essential SmartBright Solar Compact

Outdoor solar compact with inbult lithium battery and PV panel, inbuilt motion sensor, button switch to change the working modes and LED luminaire 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

### Features

- All in one design
- PIR motion sensor to detect motion and optimize battery life
- Bracket angle and LED module angle can be adjustable
- Multiple installation ways
- Completely powered by solar energy
- IP65 and ABS plastic housing

### Application

- Garden
- Landscape
- Courtyard
- Amenity
- Camping
- Security
- Pathways
- Patio

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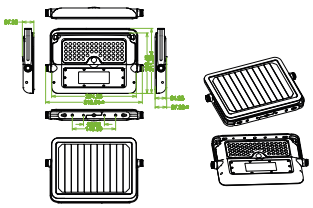
## Warnings and Safety

- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the sunlight for charging the battery
- Charge the product under sunlight for 8 hours before first use.

## Dimensional drawing



| Light Technical | |
|---|---|
| **Color rendering index (CRI)** | 70 |
| **Operating and Electrical** | |
| **Battery ampere hour** | 3 Ah |
| **Battery charging & discharging cycles** | 500 |
| **Battery type** | Li-ion |
| **Charge controller type** | PWM |
| **Grid connection type** | Off grid |
| **Panel type** | Mono crystalline |
| **Controls and Dimming** | |
| **Dimmable** | Preset Dimming |
| **Configurability** | Not configurable |
| **Solar dimming profile** | Motion sensor dimming |
| **Mechanical and Housing** | |
| **Battery location** | Inbuilt luminaire |
| **Housing Color** | Black |
| **Ingress protection code** | IP65 |
| **Approval and Application** | |
| **Ambient temperature range** | 0 to +45 °C |

## Light Technical

| Order Code | Full Product Name | Correlated Color Temperature (Nom) |
|---|---|---|
| 911401800503 | BVS010 LED10/740 Solar | 4000 K |
| 911401886902 | BVS010 LED10/765 Solar | 6500 K |
| 911401887102 | BVS010 LED10/730 Solar | 3000 K |
| 911401800403 | BVS010 LED5/740 Solar | 4000 K |
| 911401886802 | BVS010 LED5/765 Solar | 6500 K |
| 911401887002 | BVS010 LED5/730 Solar | 3000 K |

## Operating and Electrical

| Order Code | Full Product Name | Battery voltage | Panel peak wattage | Panel voltage |
|---|---|---|---|---|
| 911401800503 | BVS010 LED10/740 Solar | 7.2 V | 5.5 W | 11 V |
| 911401886902 | BVS010 LED10/765 Solar | 7.2 V | 5.5 W | 11 V |

| Order Code | Full Product Name | Battery voltage | Panel peak wattage | Panel voltage |
|---|---|---|---|---|
| 911401887102 | BVS010 LED10/730 Solar | 7.2 V | 5.5 W | 11 V |
| 911401800403 | BVS010 LED5/740 Solar | 3.6 V | 2.3 W | 5 V |

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| Order Code | Full Product Name | Battery voltage | Panel peak wattage | Panel voltage |
|---|---|---|---|---|
| 911401886802 | BVS010 LED5/765 Solar | 3.6 V | 2.3 W | 5 V |

| Order Code | Full Product Name | Battery voltage | Panel peak wattage | Panel voltage |
|---|---|---|---|---|
| 911401887002 | BVS010 LED5/730 Solar | 3.6 V | 2.3 W | 5 V |

## Mechanical and Housing

| Order Code | Full Product Name | Overall height | Overall length | Overall width |
|---|---|---|---|---|
| 911401800503 | BVS010 LED10/740 Solar | 37.4 mm | 313.9 mm | 211.3 mm |
| 911401886902 | BVS010 LED10/765 Solar | 37.4 mm | 313.9 mm | 211.3 mm |
| 911401887102 | BVS010 LED10/730 Solar | 37.4 mm | 313.9 mm | 211.3 mm |

| Order Code | Full Product Name | Overall height | Overall length | Overall width |
|---|---|---|---|---|
| 911401800403 | BVS010 LED5/740 Solar | 33.68 mm | 231.9 mm | 149.62 mm |
| 911401886802 | BVS010 LED5/765 Solar | 33.68 mm | 231.9 mm | 149.62 mm |
| 911401887002 | BVS010 LED5/730 Solar | 33.68 mm | 231.9 mm | 149.62 mm |

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