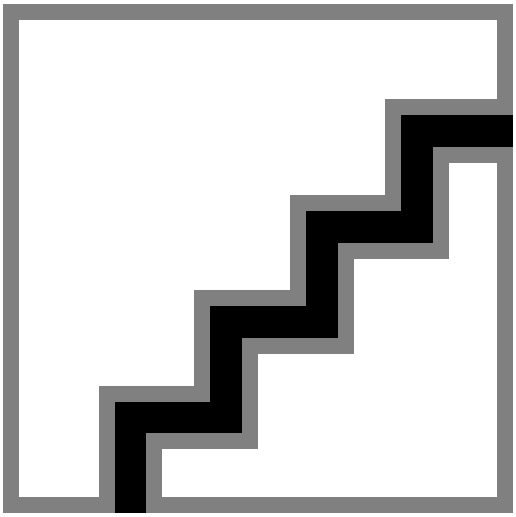

# Essential SmartBright Solar Compact

## BVS010 LED10/730 Solar

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.

### 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.

### Product data

| General Information | |
|---|---|
| **Driver included** | Yes |
| **Value ladder** | Value |

| Light Technical | |
|---|---|
| **Luminous Flux** | 1,000 lm |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 100 lm/W |
| **Color rendering index (CRI)** | 70 |

| Operating and Electrical | |
|---|---|
| **Battery type** | Li-ion |
| **Battery ampere hour** | 3 Ah |
| **Battery voltage** | 7.2 V |
| **Battery charging & discharging cycles** | 500 |
| **Panel type** | Mono crystalline |
| **Panel voltage** | 11 V |
| **Panel peak wattage** | 5.5 W |
| **Charge controller type** | PWM |
| **Cable** | - |
| **Grid connection type** | Off grid |

| Controls and Dimming | |
|---|---|
| **Dimmable** | Preset Dimming |
| **Configurability** | Not configurable |
| **Solar dimming profile** | Motion sensor dimming |

| Mechanical and Housing | |
|---|---|
| **Housing Color** | Black |
| **Overall length** | 313.9 mm |
| **Overall width** | 211.3 mm |
| **Overall height** | 37.4 mm |
| **Dimensions (Height x Width x Depth)** | 37 x 211 x 314 mm |
| **Material** | Acrylonitrile-butadiene-styrene |

# Essential SmartBright Solar Compact

| | |
|---|---|
| **Battery location** | Inbuilt luminaire |
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK06 [1 J] |
| **Optical cover type** | Polycarbonate |
| **Net Weight (Piece)** | 1.310 kg |

## Approval and Application

| | |
|---|---|
| **CE mark** | Yes |
| **Ambient temperature range** | 0 to +45 °C |

## Product Data

| | |
|---|---|
| **Order product name** | BVS010 LED10/730 Solar |
| **Full product name** | BVS010 LED10/730 Solar |
| **Full product code** | 872016975825499 |
| **Order code** | 911401887102 |
| **Material Nr. (12NC)** | 911401887102 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8720169758254 |
| **Numerator - Packs per outer box** | 8 |
| **EAN/UPC - Case** | 8720169758292 |

## Dimensional drawing

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