



# Essential SmartBright Solar Compact

## BVS010 LED5/730 Solar

Outdoor solar compact with inbuilt 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                         | 500 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                       | 3.6 V            |
| Battery charging & discharging cycles | 500              |
| Panel type                            | Mono crystalline |
| Panel voltage                         | 5 V              |

| Panel peak wattage                  | 2.3 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                      | 231.9 mm                        |
| Overall width                       | 149.62 mm                       |
| Overall height                      | 33.68 mm                        |
| Dimensions (Height x Width x Depth) | 34 x 150 x 232 mm               |
| Material                            | Acrylonitrile-butadiene-styrene |

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|                              |                                              |
|------------------------------|----------------------------------------------|
| 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)           | 0.660 kg                                     |

## Approval and Application

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

## Product Data

|                    |                       |
|--------------------|-----------------------|
| Order product name | BVS010 LED5/730 Solar |
|--------------------|-----------------------|

|                                 |                       |
|---------------------------------|-----------------------|
| Full product name               | BVS010 LED5/730 Solar |
| Full product code               | 872016975824799       |
| Order code                      | 911401887002          |
| Material Nr. (12NC)             | 911401887002          |
| Numerator - Quantity Per Pack   | 1                     |
| EAN/UPC - Product/Case          | 8720169758247         |
| Numerator - Packs per outer box | 18                    |
| EAN/UPC - Case                  | 8720169758285         |

## Dimensional drawing

