



# Essential SmartBright Solar Compact

## BVS010 LED10/730 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                   |                  | Panel peak wattage                  |                                 |
|---------------------------------------|------------------|-------------------------------------|---------------------------------|
| Driver included                       | Yes              | Panel peak wattage                  | 5.5 W                           |
| Value ladder                          | Value            | Charge controller type              | PWM                             |
| Light Technical                       |                  | Cable                               | -                               |
| Luminous Flux                         | 1,000 lm         | Grid connection type                | Off grid                        |
| Correlated Color Temperature (Nom)    | 3000 K           | Controls and Dimming                |                                 |
| Luminous Efficacy (rated) (Nom)       | 100 lm/W         | Dimmable                            | Preset Dimming                  |
| Color rendering index (CRI)           | 70               | Configurability                     | Not configurable                |
| Operating and Electrical              |                  | Solar dimming profile               | Motion sensor dimming           |
| Battery type                          | Li-ion           | Mechanical and Housing              |                                 |
| Battery ampere hour                   | 3 Ah             | Housing Color                       | Black                           |
| Battery voltage                       | 7.2 V            | Overall length                      | 313.9 mm                        |
| Battery charging & discharging cycles | 500              | Overall width                       | 211.3 mm                        |
| Panel type                            | Mono crystalline | Overall height                      | 37.4 mm                         |
| Panel voltage                         | 11 V             | Dimensions (Height x Width x Depth) | 37 x 211 x 314 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)           | 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

