



Essential SmartBright Solar Compact

BVS010 LED10/740 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 | 1,000 lm |
| Correlated Color Temperature (Nom) | 4000 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 |

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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

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|--------------------|------------------------|
| Order product name | BVS010 LED10/740 Solar |
|--------------------|------------------------|

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|---------------------------------|------------------------|
| Full product name | BVS010 LED10/740 Solar |
| Full product code | 872016976703499 |
| Order code | 911401800503 |
| Material Nr. (12NC) | 911401800503 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169767034 |
| Numerator - Packs per outer box | 8 |
| EAN/UPC - Case | 8720169767058 |

Dimensional drawing

