



# Essential SmartBright Solar Waterproof

## WT080C LED16/830 Solar

Solar waterproof with inbuilt lithium battery and controller and microwave motion sensor and LED luminaire integrated in PC housing, and separated PV panel.

### Warnings and Safety

- Install the solar waterproof in a sunny place that is not shaded by trees or buildings or walls.

### Product data

| General Information                   |                  | Cable                               |  |
|---------------------------------------|------------------|-------------------------------------|--|
| Driver included                       | Yes              | Cable                               | 5m cable for Solar panel connection included |
| Value ladder                          | Value            | Grid connection type                | Off grid                                     |
| Light Technical                       |                  | Controls and Dimming                |  |
| Luminous Flux                         | 1,600 lm         | Dimmable                            | Preset Dimming                               |
| Correlated Color Temperature (Nom)    | 3000 K           | Configurability                     | Not configurable                             |
| Luminous Efficacy (rated) (Nom)       | 130 lm/W         | Solar dimming profile               | Dimming setting by remote controller         |
| Color rendering index (CRI)           | 80               | Mechanical and Housing              |  |
| Operating and Electrical              |                  | Housing Color                       | White  |
| Battery type                          | LiFePO4          | Overall length                      | 450 mm                                       |
| Battery ampere hour                   | 6 Ah             | Overall width                       | 67 mm  |
| Battery voltage                       | 6.4 V            | Overall height                      | 75 mm  |
| Battery charging & discharging cycles | 1000             | Dimensions (Height x Width x Depth) | 75 x 67 x 450 mm                             |
| Panel type                            | Mono crystalline | Material                            | Polycarbonate                                |
| Panel voltage                         | 9 V              | Battery location                    | Inbuilt luminaire                            |
| Panel peak wattage                    | 8 W              | Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Charge controller type                | PWM              | Mech. impact protection code        | IK08 [5 J vandal-protected]                  |
| Cable connection kit                  | Included         | Optical cover type                  | Polycarbonate                                |

# Essential SmartBright Solar Waterproof

|                                 |                        |
|---------------------------------|------------------------|
| Net Weight (Piece)              | 1.820 kg               |
| <b>Approval and Application</b> |                        |
| CE mark                         | Yes                    |
| Ambient temperature range       | 0 to +50 °C            |
| <b>Product Data</b>             |                        |
| Order product name              | WT080C LED16/830 Solar |
| Full product name               | WT080C LED16/830 Solar |

|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 872016976114899 |
| Order code                      | 911401888102    |
| Material Nr. (12NC)             | 911401888102    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 8720169761148   |
| Numerator - Packs per outer box | 4               |
| EAN/UPC - Case                  | 8720169761230   |

## Dimensional drawing

