



# Essential SmartBright Solar Waterproof

## WT080C LED36/865 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 buildins or walls.

### Product data

|                                       |                  |
|---------------------------------------|------------------|
| General Information                   |                  |
| Driver included                       | Yes              |
| Value ladder                          | Value            |
| Light Technical                       |                  |
| Luminous Flux                         | 3,600 lm         |
| Correlated Color Temperature (Nom)    | 6500 K           |
| Luminous Efficacy (rated) (Nom)       | 140 lm/W         |
| Color rendering index (CRI)           | 80               |
| Operating and Electrical              |                  |
| Battery type                          | LiFePO4          |
| Battery ampere hour                   | 6 Ah             |
| Battery voltage                       | 12.8 V           |
| Battery charging & discharging cycles | 1000             |
| Panel type                            | Mono crystalline |
| Panel voltage                         | 18 V             |
| Panel peak wattage                    | 15 W             |
| Charge controller type                | PWM              |
| Cable connection kit                  | Included         |

|                                     |                                              |
|-------------------------------------|----------------------------------------------|
| Cable                               | 5m cable for Solar panel connection included |
| Grid connection type                | Off grid                                     |
| Controls and Dimming                |                                              |
| Dimmable                            | Preset Dimming                               |
| Configurability                     | Not configurable                             |
| Solar dimming profile               | Dimming setting by remote controller         |
| Mechanical and Housing              |                                              |
| Housing Color                       | White                                        |
| Overall length                      | 650 mm                                       |
| Overall width                       | 67 mm                                        |
| Overall height                      | 75 mm                                        |
| Dimensions (Height x Width x Depth) | 75 x 67 x 650 mm                             |
| Material                            | Polycarbonate                                |
| Battery location                    | Inbuilt luminaire                            |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK08 [5 J vandal-protected]                  |
| Optical cover type                  | Polycarbonate                                |

Essential SmartBright Solar Waterproof

|                           |                        |
|---------------------------|------------------------|
| Net Weight (Piece)        | 2.950 kg               |
| Approval and Application  |                        |
| CE mark                   | Yes                    |
| Ambient temperature range | 0 to +50 °C            |
| Product Data              |                        |
| Order product name        | WT080C LED36/865 Solar |
| Full product name         | WT080C LED36/865 Solar |

|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 872016976118699 |
| Order code                      | 911401888502    |
| Material Nr. (12NC)             | 911401888502    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 8720169761186   |
| Numerator - Packs per outer box | 4               |
| EAN/UPC - Case                  | 8720169761278   |

Dimensional drawing

