

# Solar waterproof for places without access to electricity or with unreliable power supply

## Essential SmartBright Solar Waterproof

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

### Benefits

- Eco-friendly: Solar waterproof is an eco-friendly solution that helps reduce your carbon footprint by producing clean energy without harming the environment.
- No need for electricity: Solar waterproof doesn't require electricity, which means you can place lights in areas that are difficult to access or far from a power source.
- Cost-effective: Solar waterproof is a cost-effective solution that can help you save money on repairs; maintenance and it can save you money in the long run by reducing electricity costs and eliminating the need for replacement bulbs.
- Improved safety: Solar waterproof can also improve safety by reducing the risk of electrical shock and fire hazards that can result from water damage.
- Versatility: Solar waterproof can be used in a variety of applications, including residential, commercial, and industrial solar systems.
- Remote Control: Working mode setting by remote control that is easy for the end-user, and this can be especially useful in situation where the lights are installed in hard-to-reach places.
- Independence: Solar waterproof gives you the freedom to light up your outdoor spaces without relying on the power grid or worrying about power outages.

# Essential SmartBright Solar Waterproof

## Features

- Wide applications
- Easy to installation
- IP65 and PC housing
- Completely powered by solar energy
- Microwave motion sensor inbuilt
- Set different working modes by remote control

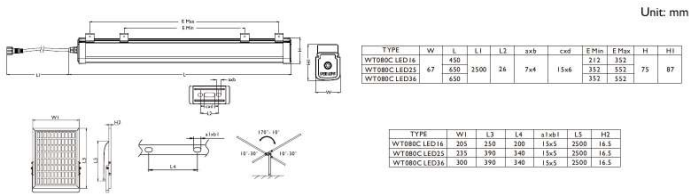
## Application

- Under canopy, Small offices, Amenity, Covered parking, Temporary shelter, Non-functional areas of warehouse, Garden, Backyard, Camping tents...

## Warnings and Safety

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

## Dimensional drawing



# Essential SmartBright Solar Waterproof

## Light Technical

Color rendering index (CRI)	80
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## Operating and Electrical

Battery ampere hour	6 Ah
Battery charging & discharging cycles	1000
Battery type	LiFePO4
Cable connection kit	Included
Charge controller type	PWM
Grid connection type	Off grid
Panel type	Mono crystalline

## Controls and Dimming

Dimmable	Preset Dimming
Configurability	Not configurable
Solar dimming profile	Dimming setting by remote controller

## Mechanical and Housing

Battery location	Inbuilt luminaire
Housing Color	White
Ingress protection code	IP65
Overall height	75 mm
Overall width	67 mm

## Approval and Application

Ambient temperature range	0 to +50 °C
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## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)
76118699	WT080C LED36/865 Solar	6500 K
76119399	WT080C LED36/840 Solar	4000 K
76120999	WT080C LED36/830 Solar	3000 K
76115599	WT080C LED25/865 Solar	6500 K
76116299	WT080C LED25/840 Solar	4000 K
76117999	WT080C LED25/830 Solar	3000 K
76112499	WT080C LED16/865 Solar	6500 K
76113199	WT080C LED16/840 Solar	4000 K
76114899	WT080C LED16/830 Solar	3000 K

## Operating and Electrical

Order Code	Full Product Name	Battery voltage	Panel peak wattage	Panel voltage
76118699	WT080C LED36/865 Solar	12.8 V	15 W	18 V
76119399	WT080C LED36/840 Solar	12.8 V	15 W	18 V
76120999	WT080C LED36/830 Solar	12.8 V	15 W	18 V
76115599	WT080C LED25/865 Solar	12.8 V	15 W	18 V
76116299	WT080C LED25/840 Solar	12.8 V	15 W	18 V

Order Code	Full Product Name	Battery voltage	Panel peak wattage	Panel voltage
76117999	WT080C LED25/830 Solar	12.8 V	15 W	18 V
76112499	WT080C LED16/865 Solar	6.4 V	8 W	9 V
76113199	WT080C LED16/840 Solar	6.4 V	8 W	9 V
76114899	WT080C LED16/830 Solar	6.4 V	8 W	9 V

## Mechanical and Housing

Order Code	Full Product Name	Overall length
76118699	WT080C LED36/865 Solar	650 mm
76119399	WT080C LED36/840 Solar	650 mm
76120999	WT080C LED36/830 Solar	650 mm
76115599	WT080C LED25/865 Solar	650 mm
76116299	WT080C LED25/840 Solar	650 mm

Order Code	Full Product Name	Overall length
76117999	WT080C LED25/830 Solar	650 mm
76112499	WT080C LED16/865 Solar	450 mm
76113199	WT080C LED16/840 Solar	450 mm
76114899	WT080C LED16/830 Solar	450 mm

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