30W SOLAR BATTEN LIGHT

Features

Our 30w solar batten light offers the latest in solar lighting technology with the ability to connect multiple lights together to operate independently or together from one remote, or completely automatically by PIR sensor. A compact innovative design featuring high light output, programmable lighting modes, Lithium battery and PIR (movement) sensor. Simple plug and play installation. Waterproof connectors, solar panel mounting bracket and light mounting hardware included. A perfect solution for many indoor and outdoor applications such as shipping containers, carports, bus shelters, temporary shelters, street kiosks, camping, or any remote locations where mains power is a challenge.

Exceptional light output - 120° beam angle

Connect multiple lights together wirelessly to be operated by one remote control

Programmable remote control included

Tempered glass solar panel, 2.7m cable

Solar panel mounting hardware included

Fixed or suspended installation kit included

IK10 Impact resistant lens and lamp body

Built in PIR or external 2.4 GHz transmitter

Day and night lighting modes - light operates during the day

High quality inbuilt lithium - ion battery

More than 5 nights light output

2 year warranty for faulty workmanship or component failure not influenced by external means

Luminaire Height	Various
Lumen Output	4200 lm
LED Output	30W

30W SOLAR BATTEN LIGHT SPECIFICATION

30W solar panel

Frosted IK10 rated solar lens
and lamp body

Surface or suspension
mounting hardware included

PIR movement
sensor

Master On/Off

Dimming

Individual or
group On/Off

Waterproof
connectors

Adjustable solar panel brackets

2.7Mtr cable, extensions available

Applications

Bus shelters | Garage | Shipping Containers | Kiosks

Technical Data

Solar Panel Wattage	**30W**
LED Output	**30W, Dimmable**
Lumen Output	**4200 lm**
Battery Type	**Lithium - ion**
Battery Specifications	**12.6V 10AH (126Wh)**
Autonomy	**> 5 Nights, setting dependent**
Correlated Colour Temp (CCT)	**4200K**
Fixture Size	**84 (l) x 68 (w) x 600 (h) mm**
Light Source	**120 x Samsung 2835**
Recharge	**6 hours**
Mounting Height	**Various**
Mounting	**Surface or suspension mounted**
Finish	**Moulded polycarbonate**
Warranty Period	**2 years**
SKU	**SOLBATT01**

Mode of Operation

PIR (movement) activated. Remote controlled ON/OFF.
Dimmable 100% – 8% output. Connect multiple lights
together to operate independently or together from
one remote.

As we continue to improve the products function and/or design specifications and data provided may change without notice. Errors and omissions accepted.

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QUICK START GUIDE | 30W Solar Batten Light

Parts List

Each Flood Light Kit will include the following:

- 30W Solar Batten Light
- 30W 18V Solar Panel
- 12.6V Battery Module
- Waterproof On/Off Switch
- 2.4G Remote Control
- Light and Panel Mounts

Basic Features of the Solar Batten Light

Charging Indicator Light – LED Indicator to show current charging status. When first unboxed, please allow the batten light to charge completely before use.
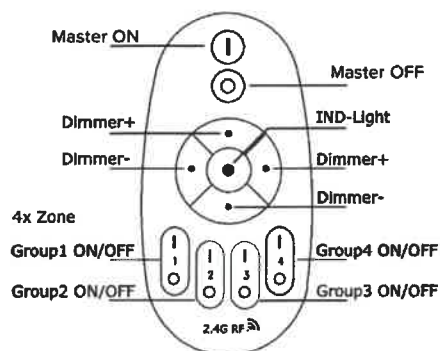
- Flashing Between Green (50%>) or Red (<50%) = Battery charging
- Solid Green LED = Battery fully charged or working
- **NOTE:** The indicator LED may show solid green color if even if battery is not fully charged. This may happen during the night or cloudy days when there isn't enough sun to charge the battery.
- **NOTE:** Please remember if the batten light battery goes completely flat it will need 10 Hours of full sun to recharge the battery fully

Solar Panel Cables – This will connect to the Solar Panel to charge the Batten Light.

On/Off Switch – Will turn the light on and off manually - for your remote to work this must always be on.

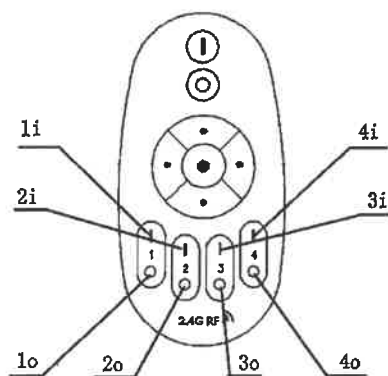## Syncing the Remote Control to the Solar Batten Light

When using the remote control for the first time, you will need to sync the light to the remote control.

Master ON
Master OFF
Dimmer+
IND-Light
Dimmer-
Dimmer+
Dimmer-
4x Zone
Group1 ON/OFF
Group4 ON/OFF
Group2 ON/OFF
Group3 ON/OFF
2.4G RF

1. Begin with solar light head switched off, light head control panel facing you. No indicator lights should be visible.
2. Whilst continually holding the group 1 ON button ("I" is ON "O" is OFF) push the power button on the light head in and release, continue to hold the group 1 ON button.
3. The solar light head will light and flash gently three times indicating the program has been accepted
4. Release the group 1 button.
5. The light can now be turned ON/OFF with the main "I" and "O" at the top of the remote or with the group 1 button and the output can be changed using the dimmer controls.

Programmable Modes

The Solar Batten Light has multiple preprogramed operational modes. Please read the instructions below carefully to select a mode.

1i
4i
2i
3i
2.4G RF
1o
2o
3o
4o

Button 1I. Mode 1 - Light on 30% from dark to dawn.
Button 2I. Mode 2 - Light on 50% for 8hrs, and then Light off.
Button 3I. Mode 3 - Light on 80% for 4hrs, and then Light off.
Button 4I. Mode 4 - Light on 100% for 2hrs, and then Light off.
Button 1o. PIR mode 1 - Light on 100% for 3hrs, then to 0% until motion is detected, where the light will operate at 50%.
Button 2o. PIR Mode 2 - Light on 100% for 3hrs, then to 5%, until motion is detected, where the light will operate at 50%.
Button 3o. PIR Mode 3 – Light will not turn on unless motion is detected, where the light will operate at 100%.
Button 4o.   Mode RF – returns remote to normal mode (as per above image)
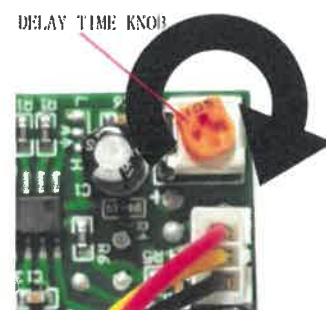
Code clear

If you want to clear the programming of the remote control and lights to restore the factory settings. Please do the following.

1. Turn on the light
2. Quickly press Master " I " key 5 times
3. LED lights will blink 5 times which means that the code is cleared successfully.

Adjust the PIR Sensor Delay Timer

The following instructions indicate how to adjust the amount of time the light will stay on when the PIR sensor is triggered when operating using any of the above-mentioned 'PIR Modes'. The timer can be adjusted from 10-300 seconds. The default timer setting is 10 seconds. The light will constantly operate while the sensor is being triggered.

1. On the sensor end of the tube, use your thumb to pull apart the buckles on both sides.
2. Use a Phillips head screwdriver to turn the delay adjustment knob clockwise to the desired time.

DELAY TIME KNOB

Using your remote control

The remote control has a range of 100-150m and can control more than one batten light when it is in remote control mode(4O).

Installation Mode

1. Ceiling mounting

Bracket   Ceiling

Lock mounting bracket

Fixed bracket screw

Tri-proof light

2. Suspended install

Ceiling

Expansion pipe

Screw

Steel cable

Bracket

Lock bracket screw

Tri-proof light