

HALO HYBRID SOLAR BUD LIGHTING

SKU# 221180

Rated Voltage 12/24V AC/DC

NOTE: This product can be DIY and does not require any electrical connection or disconnection.
When working with 240V, a licensed electrician is required.

Thank you for purchasing this quality Lucci product. To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this product. Please keep instructions for future reference.

Warranty

- This product is covered by a 5 year warranty (excluding battery) valid for in-store replacement or refund only.
- The warranty period starts from the date of purchase. Please retain the proof of purchase for any warranty enquiries.
- This product is not suitable for use with dimmer switches. The warranty will be void if the product is used on the same circuit, which has a dimmer switch.
- Warranty will be void if there is any damage due to improper usage or modification to the product.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void the warranty.

Installation Requirements

- This product is designed to be used with a mains power socket outlet (not included).
The installation location must have an existing mains power socket outlet (not included) pre-installed.
If you don't have an existing main power socket outlet (not included), please contact your licensed electrician.
- All wiring and installation of the product must adhere to the latest local and national wiring rules.
E.g. AS/NZS 3000 Electrical installations. If unsure, please contact a licensed electrician.
- Select a suitable location for installation:
 - The mounting point must support 2 times the weight of the product.
 - This product is protected against water penetration to IP65 standards, which has protection against low-pressure jets of water from all practicable directions.
 - Keep the solar panel clean and make sure the shadows of trees and buildings do not fall on solar panel.

NOTE: The plug-in power supply is rated IP44 and has protection against splashing water from any direction.

- Only use the supplied plug-in power supply with this product.
- The product must not be used if the protective shield has cracked. Replace any cracked protective shield before using the product.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the product has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Do not plug into the mains power socket outlet before or during assembly. Only do so after the product is fully assembled and is ready to use for the first time.

Installation Instructions

Operation Directions

1. Ensure power to the circuit you are working on has been switched OFF before commencing any electrical work.
2. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material.
3. This luminaire can be operated using either a plug-in power supply or solar power.
4. If you are using **plug-in power supply**:

- Firstly, connect the male connector of the LED string to the controller and tighten the bi-pin plugs.
- Now connect the male connector of the controller to the plug-in power supply tighten the bi-pin plugs.

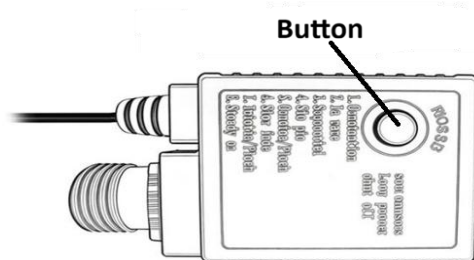
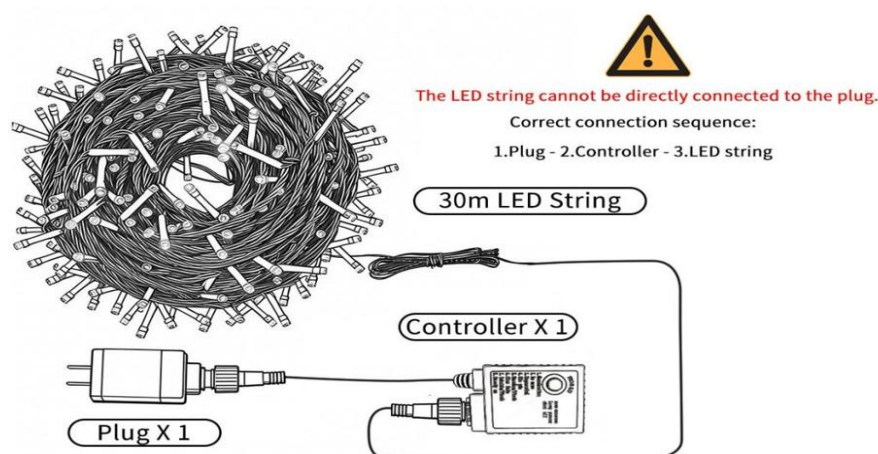
NOTE: Only use the supplied plug-in power supply with this product.

NOTE: Do not connect the LED string directly to the plug-in power supply, doing so may cause product damage or electrical hazard. Please refer image for correct sequence connection.

- Insert the plug-in power supply into mains power socket outlet (not included) and ensure it is fully plugged in.

NOTE: To maintain IP44 standards with plug-in power supply, socket outlet (not included) should also be IP44 rated.

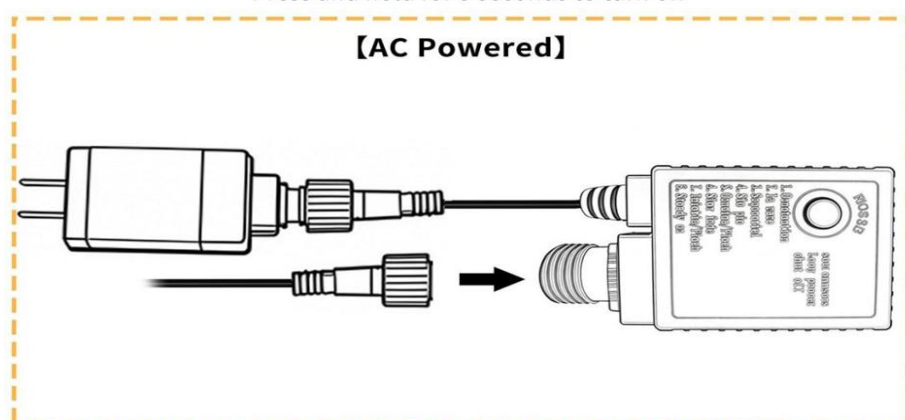
- Once connected to AC power, press the button on the controller to cycle through the lighting modes. (Refer below image for different type of lighting modes on page.2.)
- To turn the lights off, press and hold the controller button for 3 seconds.



Lighting modes:

1. Combination
2. In Waves
3. Sequential
4. SLO-GLO
5. Chasing/Flash
6. Slow Fade
7. Twinkle/Flash
8. Steady On

*Press and hold for 3 seconds to turn off



Installation Instructions

5. If you are using **solar power**:

- Fix the spike into the suitable surface and attach solar panel to it.
- Now connect the male connector of the LED string to the solar panel.
- Press the ON/OFF switch behind the solar panel to turn ON the luminaire.
- Different types of modes can be selected using mode button on the solar panel. (Refer the image on page.2. for different type of lighting modes).
- The indicator lights on the solar panel controller show the operating and charging status of the luminaire.

NOTE: Keep the solar panel clean and make sure the shadows of trees and buildings do not fall on solar panel.

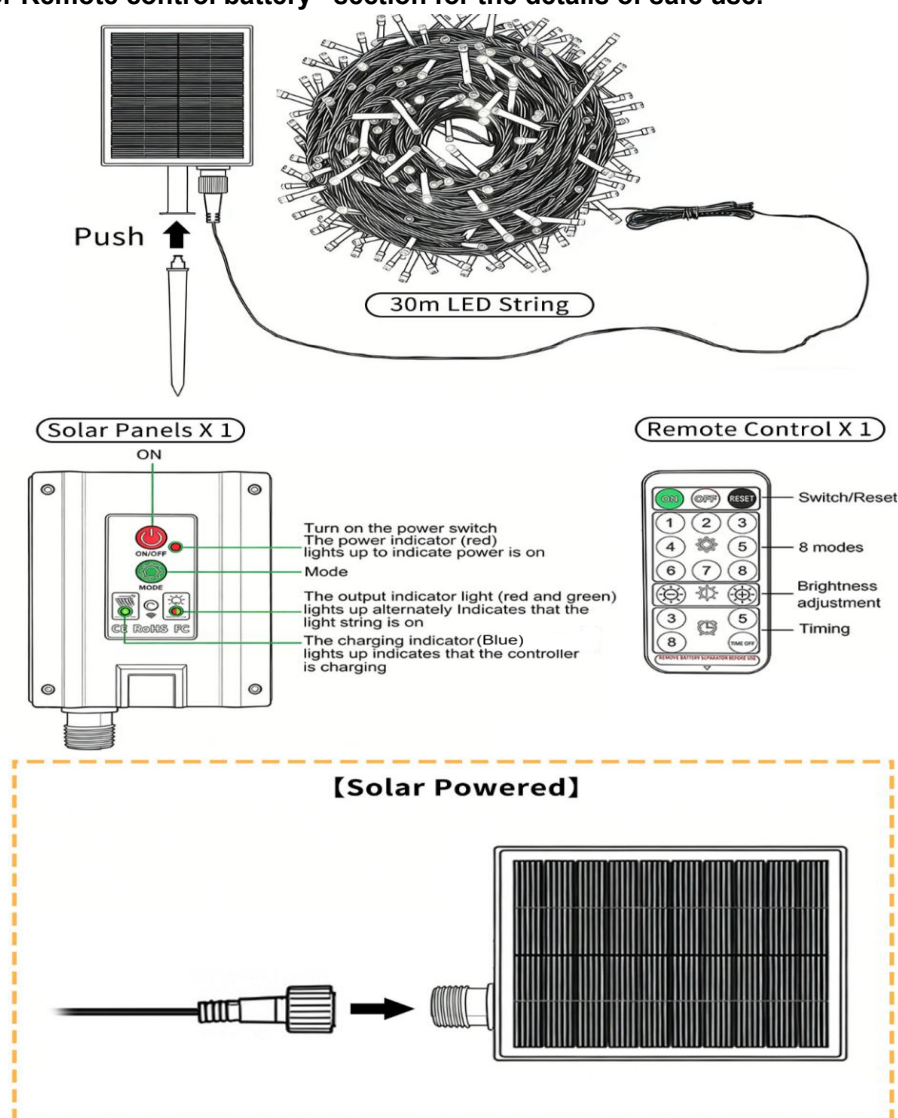
Remote Control Operation:

- Use the remote control to turn the lights ON or OFF manually.
- Select from different lighting modes by pressing 1-8 numbers on remote. (Refer the image on page.2. for different type of lighting modes)
- Adjust the brightness using the brightness control buttons.
- Set the timer (3H / 5H / 8H) in hours to automatically turn the lights off after the selected time.
- Reset button can be used to cancel all active timer settings and return the lights to normal operation.
- Point the remote control toward the solar panel for best signal reception.

NOTE: Allow the solar panel to charge in direct sunlight for 4 hours before first use.

NOTE: The remote control contains a CR2025 button battery.

NOTE: While using the remote first time remove the battery separator cover by loosening the captive screw at the back and ensure to put it back as it contains coin/button battery. Refer to the "Safety Precautions and warnings for Remote control battery" section for the details of safe use.



Safety Precautions and warnings for Remote control battery



WARNING – The remote control contains a coin/button battery.



WARNING – KEEP OUT OF REACH OF CHILDREN



- **CAUTION! – DO NOT INGEST COIN/BUTTON BATTERY – CHEMICAL BURN HAZARD.**
- **WARNING - THE REMOTE CONTROL CONTAINS A COIN/BUTTON BATTERY.**
- **WARNING – KEEP BATTERIES OUT OF REACH OF CHILDREN.**
- If the coin/button battery is swallowed, it may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the oesophagus.
- If you suspect your child has swallowed or inserted a coin/button battery inside any part of the body, immediately call the Australian Poisons Information Centre on 13 11 26 for fast, expert advice, 24-hours, 7 days a week.
- Keep new, used or flat batteries away from children.
- Dispose of flat or used batteries immediately and safely (so they cannot be retrieved by children). Flat or used batteries can still be dangerous. Contact your local council to safely dispose of the battery.
- Regularly check the product and make sure the battery compartment is correctly secured, e.g. that the screw or other mechanical fastener is tightened. If the battery compartment does not close securely or has been cracked or damaged, stop using the product and keep it away from children.
- Battery Leaks: Battery contains chemicals and should be treated as any chemical would. Take precautions when handling leaked battery chemicals. Battery chemicals should not be placed near the eyes or ingested. Contact the Australian Poisons Information Centre on 13 11 26 for fast, expert advice, 24-hours, 7 days a week.
- Tell others about the risk associated with button batteries and how to keep their children safe.
- Exhausted batteries are to be removed from the product.
- Batteries shall only be installed or replaced by an adult. Securely tight the battery box lid after replacement.
- The supply terminals are not to be short-circuited.
- Ensure the batteries are inserted with the correct polarity.
- Remove batteries from the product when not in use for long periods of time.

Safety Tips

- Always ensure the power is OFF and the product has cooled down before performing any maintenance, cleaning or making any adjustment to the product.
- To avoid injury or damage to the product, ensure that power leads and connectors are secure before connecting the power.
- To clean wipe with a damp clean cloth. Do NOT soak or immerse the product in water or other liquids.
- Ensure that the product does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.
- The external flexible cable or cord of this product cannot be replaced; if the cable or cord is damaged, the product shall be destroyed.
- Young children should be supervised to ensure that they do not play with the luminaire or remote control.
- The product must not be used if the protective shield has cracked. Replace any cracked protective shield before using the product again.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced. There are no serviceable parts, do not attempt to dismantle or open the product.

Specifications

SKU #	221180
Rated Voltage	12/24V AC/DC
Rated Wattage	1W
LED lights	1W, 65 lumens, 2400K- Warm white
Button battery (remote)	CR2025 (included)
IP Rating	IP65 (luminaire only) IP44 (plug-in power supply only) NOTE: To maintain IP44 standards with plug-in power supply, socket should also be IP44
Weight	0.7 KG
Length	30m