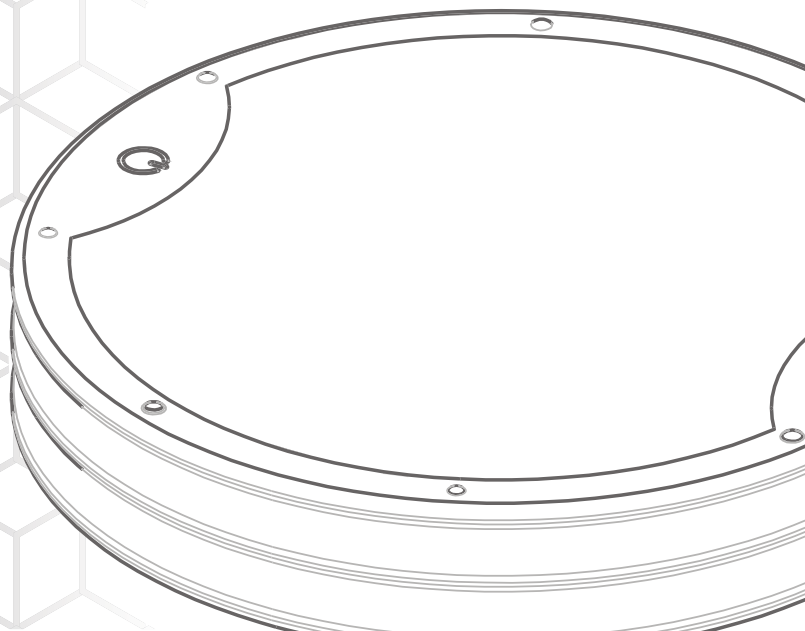


English



User Manual

for LED Module and
Remote Control

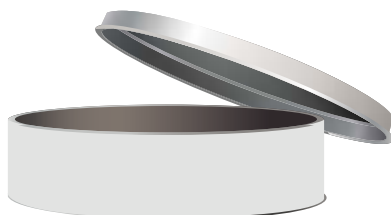


Important Safety Guidelines

- Read this manual in full before using the product
- Keep this manual for future reference, do not throw it away
- Only use the product in accordance with this manual
- This product is not intended for use by children
- Do not use near source of direct heat or expose the product to fire
- The LED module contains two 3.7v 9,600 mAh Lithium-ion battery packs
- The remote control contains one 3v CR2025 coin type Lithium battery
- The remote control is not waterproof and must therefore not be left outdoors
- Only charge the module in an indoor setting
- Do not charge the module near highly flammable materials
- When charging the module, use only a UL or CE certified USB wall adapter
- Do not use with a charging cable that is frayed or damaged in any way
- **Do not use or place the LED module outdoors in an upside-down position with the LEDs and the USB charging socket facing up**
- Disconnect the LED module from the USB wall adapter when the charging light indicates that the batteries are fully charged
- Always verify that the cover cap is in place over the USB-C charging socket before the lamp is placed outdoors
- Failure to follow the instructions given will void the warranty and could damage the product

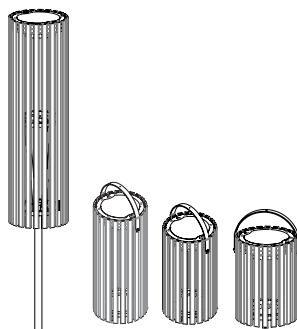
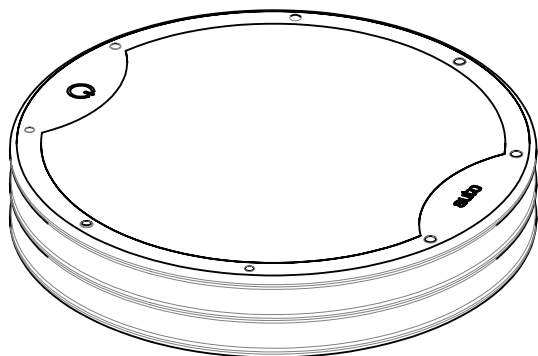
In the Box

- Lamp
- LED module
- Remote control
- USB-A to USB-C charging cable
- Metal container

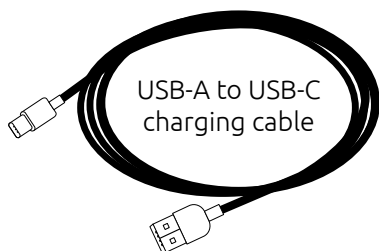


Metal container

LED module

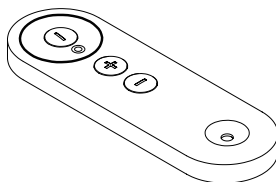


Lamp



USB-A to USB-C
charging cable

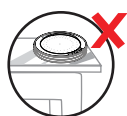
Remote Control



CE FC RoHS IP65 

Instructions

- 1 Place the unit upside-down on a non-conductive and non-reflective surface. Conductive and highly reflective surfaces may trigger the touch controls.

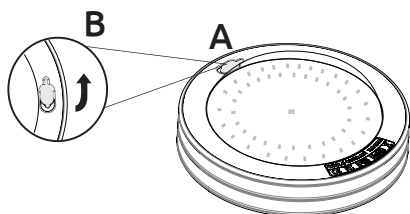


conductive and
reflective surface

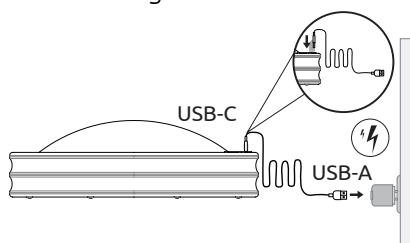


non-conductive and
non-reflective surface

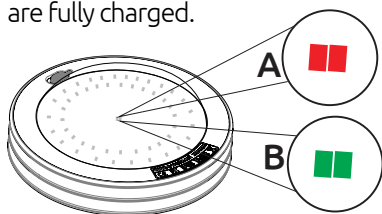
- 2 Locate the white protective cover **(A)** over the USB-C charging port and peel it open **(B)**.



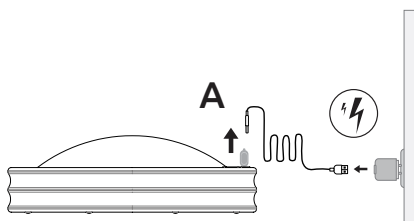
- 3 Charge the LED module using the supplied USB cable and a UL or CE certified USB wall adapter that is 13 watts or greater.



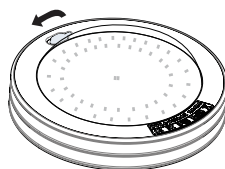
- 4 A red charging light **(A)** will illuminate when the unit is properly connected to a USB adapter. The charging light will turn green **(B)**, once the batteries are fully charged.



- 5 Disconnect the module from the USB wall adapter **(A)** when the batteries are fully charged.



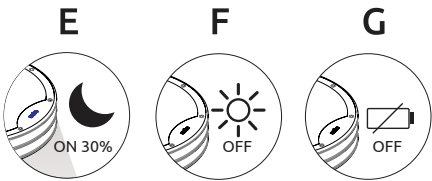
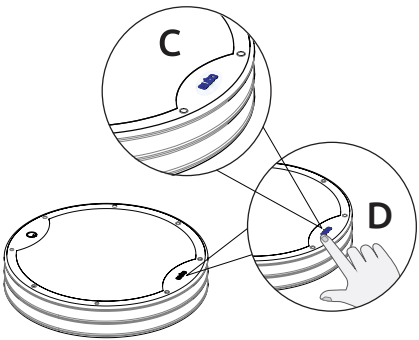
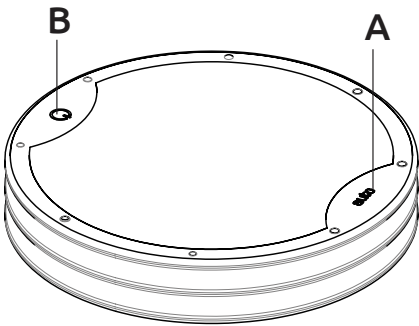
- 6 Ensure that the white protective cover over the charging port is closed properly. The lamp is now ready to be used.



 Charging time will vary depending on the output of the adapter used. Charging a completely flat module will take about 10 hours when using a 13 watts table/phone adapter.

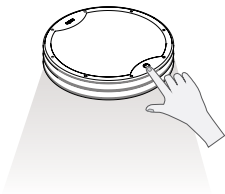
Using The Touch Controls on the LED Module

There are two touch controls located on the top of the LED module.



auto
“auto” (A) will toggle autonomous mode on and off - A blue light (C) embedded within the “auto” touch button (D) illuminates if the unit is set to operate in autonomous mode In autonomous mode, the lamp will automatically go on at 30% brightness level when the surroundings get dark (E) and automatically go off when the surrounding is lit (F), or the battery packs runs low (G).
⏻
“⏻” (B) switches the module on, toggles through the 3 brightness settings and switches it off. To prevent accidental activation, the “⏻” (B) button must be touched for 0.5 seconds before a touch is registered. Each touch of the “⏻” button cycles through the 3 brightness levels:  OFF ON 30% 60% 100%

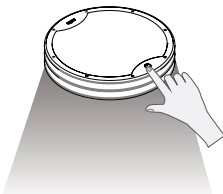
1st touch
ON 30%



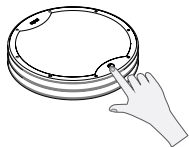
2nd touch
60%



3rd touch
100%

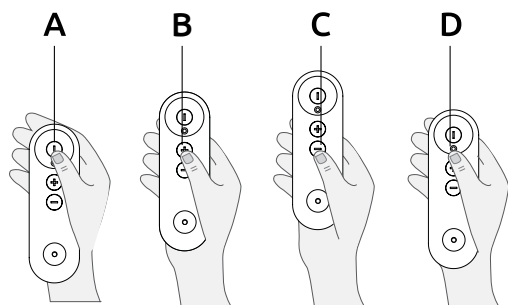
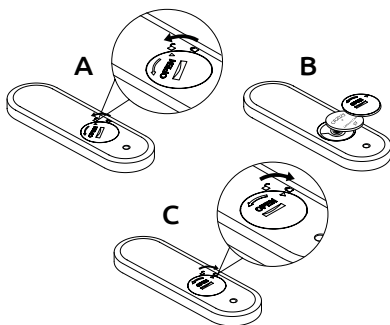


4th touch
OFF



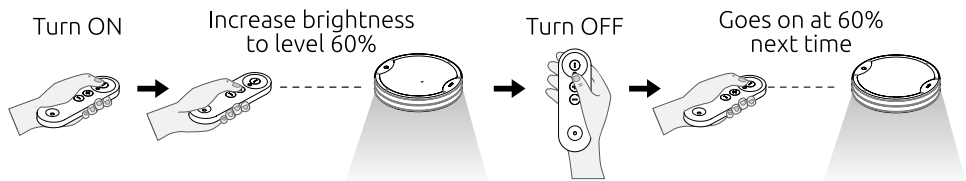
Operating the Module Using the Remote Control

Insert the supplied battery by opening the battery compartment located on the rear of the remote control **(A)**. Using a coin, open the battery cover by turning it counter-clockwise. Take note of the polarity marked inside of the cap. Place the battery in the battery compartment **(B)**, then place the cap on top of the battery with the arrow printed on the cap pointing towards the open icon. Using a coin, turn the cover clockwise to the closed position **(C)**.

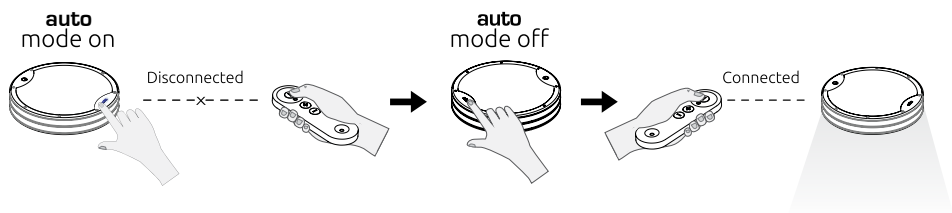


- From paired remote control, a short press on the “⓪” button **(A)** will turn the module on
- The brightness of the light can now be adjusted using the “+” **(B)** and “-” **(C)** buttons on the remote
- Switch the module off by pressing the “O” button **(D)**.

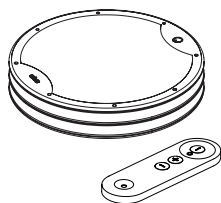
The last used brightness setting is saved when the lamp is switched off using the remote, meaning the next time the module is switch on (using the remote control), it will resume at the last used brightness setting.



 Note that the remote control will not be able to switch the module on, if it is set to operate autonomously. However, it is possible to adjust the brightness level and turn the module off using the remote control or touch button once a module has switched on autonomously.



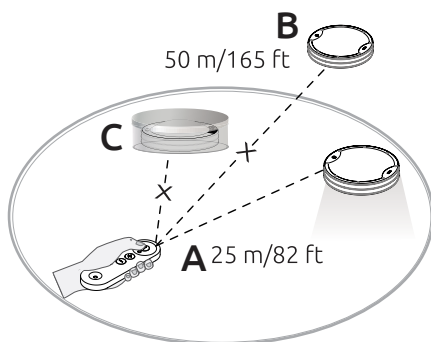
Advanced Pairing Functions



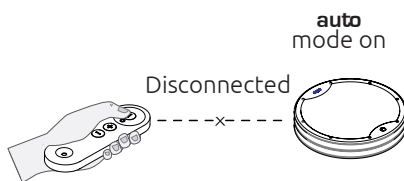
The LED module and the supplied remote control are paired together, meaning each remote controls only one LED module.

If you have more than one LED module, then it is possible to pair a single remote to control multiple LED units (up to 256 modules). To pair a remote to multiple LED modules follow the steps outlined below:

- 1 Ensure that only the LED modules you wish to pair the remote with are within range (25 meters/82 ft) **(A)**. This means that modules you do not wish to control should be placed minimum 50 meters/165 ft **(B)** away from the remote. Alternatively, place the modules you wish to isolate from the pairing process in a tight metal container or the metal container the LED module was supplied in **(C)**. Verify the isolation of the module(s) by trying to switch it on with the remote paired to the isolated module.

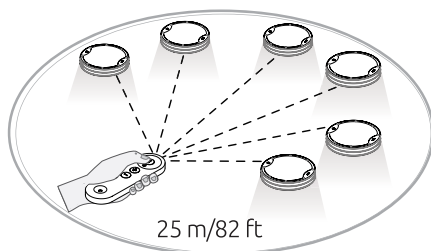


- 2 Ensure the LED modules you wish to pair are not in auto mode. A blue light will illuminate below the “**auto**” button, if the unit is set to operate autonomously. The remote control will not work, if the module is set to operate autonomously.

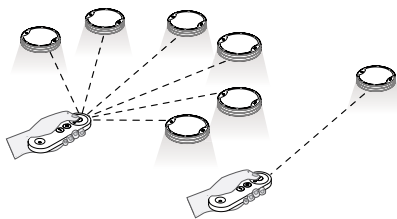


- 3 Ensure all lamps you wish to pair are charged and switched off.

- 4 On the remote control you wish to use, press and hold down the “**Ⓢ**” button until all the LED modules you wish to control turn on. This should take about 15 seconds.



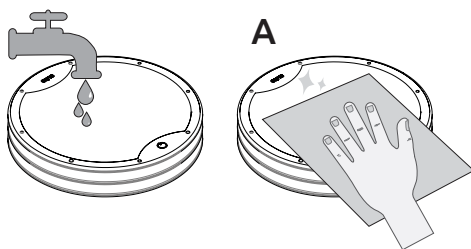
5 All paired modules can now be switched "ON and OFF" and the brightness level adjusted using the "+" and "-" buttons on the paired remote control.



6 To remove a module from the paired set, simply pair it to another remote control.

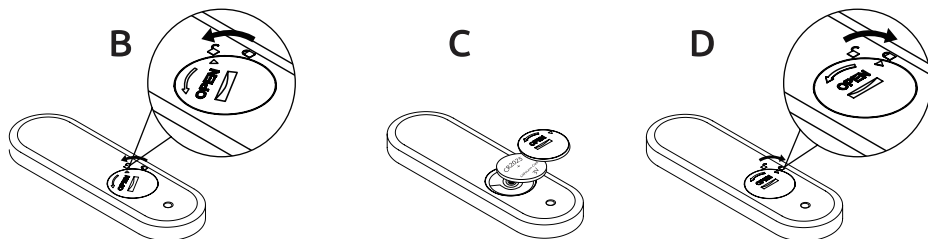
Maintenance

To maximise the charging power generated by the solar panel, the top of the unit has been designed with a convex shape to ensure dust and dirt are washed off when the unit is exposed to rain. Should you be in an area without frequent rain, then we recommend that you regularly clean the top of the module using a damp non-abrasive cloth **(A)**.



To maximise battery life, we recommend that the LED module on occasion be charged fully using a UL or CE certified USB wall adapter.

The remote control has a user-replaceable 3v CR2025 coin type lithium battery. The range of the remote control will deteriorate when the battery in the remote runs low. To replace the battery, open the battery compartment located on the rear of the remote **(B)**. Using a coin or a new CR2025 battery, open the battery cover by turning it counter-clockwise. Take note of the polarity marked on the inside of the cover cap. Place a new battery in the battery compartment **(C)**, then place the cap on top of the battery with the arrow printed on the cap pointing towards the open icon. Using a coin or the old battery, turn the cover clockwise to the closed position **(D)**.



Troubleshoot

No.	Description
1.	Runtime after a full days charge by solar power is limited to a few hours.
	It takes many bright and sunny days to charge the battery to full capacity using only solar power. The charging power is reduced significantly on cloudy days and when the unit is placed in a shaded area.
	To achieve a long run time, we recommend periodically changing the unit from main powers.
2.	Unable to operate the lamp using the remote control.
	The lamp is likely set to auto mode.
	Disable auto mode. In auto mode, the remote is only designed to interact with the lamp once the surroundings are dark and the unit switches on.
3.	Unable to operate the lamp using the remote control.
	Remote is no longer paired to the lamp.
	Follow the instructions in the user manual on how to pair the remote with a lamp.
4.	Remote works intermittently.
	Battery in remote control is running low.
	Replace with a new 3v CR2025 coin battery. See user manual.
5.	Touch controls do not work properly.
	Software in the lamp needs to be reset.
	Drain power from the unit by leaving it on at maximum brightness, then change it fully from mains power.
6.	Lamp does not charge from mains power.
	USB cable used may not support power delivery.
	Use cable supplied with the lamp or purchase a new cable that supports power delivery via USB-C.
7.	It takes more than 11 hours to charge the unit from mains power.
	Power source is too small. The power output from the USB power source determines the charging time.
	For an effective change, we recommend a USB charger that is 13 Watts/ 2.4 Ampere or higher and supports quick charging.

No.	Description
8.	When fully charged from mains power, the run time is 25% or more below the run time stated in the user manual.
	All lithium batteries are a consumable part that becomes less effective over time.
	Contact your retailer to purchase a replacement battery pack.

Warranty

The LED module and supplied remote control are warranted for a period of two years from the date of purchase. The warranty does not cover normal wear and tear such as scratches, reduction in the transparency of the casing and the naturally occurring reduction in the capacity of Lithium-ion batteries.

The warranty is void if the instructions contained in this manual have not been followed or the unit has been or the unit has been modified, dismantled or serviced by a person or company not authorised to do so.

End of Life Guidelines

The LED module contains replaceable Lithium-ion battery packs. Contact the place of purchase for information on replacement of the battery packs. Depending on usage and environmental conditions, the battery pack should last in excess of 3 years.

All batteries and electronics can be hazardous to the environment, if they are not handled and disposed of correctly. Contact the place of purchase or your local waste management authorities for information on the correct disposal of batteries and electronics in your area.

Specifications

- Light output of >600 Lumens @2,700 Kelvin (warm white)
- Supplied with radio based remote control with a range of up to 25m/82 feet
- Dim-able in steps of 30, 60 & 100%
- Touch controls
- Powered by a 3.7v 19,200 mAh Lithium-Ion battery pack
- Up to 13 hour run time at 600 lumens (100%)
- Up to 40 hour run time at 250 lumens (30%)
- Can be set to operate autonomously
- Hybrid charging: can charge from integrated solar panel or a USB adapter (adapter not included)
- Supplied with a USB-A to USB-C cable
- Memory for previously used setting
- CE, FCC, RoHS, and IP65 certified

