

# Catron II, IV

Wireless Self-powered 2, 4 Button Switch

**lumos**  
CONTROLS  
A wisiuica BRAND



## INSTALLATION AND QUICK START SHEET

### **WARNING AND GUIDELINES!!!**

Read and follow all safety instructions!!

**DO NOT INSTALL DAMAGED PRODUCT!** This product has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.

**WARNING: Risk of Product Damage**

- Do not disassemble the product

Specifications	Value	Remarks	
Power Supply	Electrodynamic harvesting	-	
Operating Temperature	-25 to 65°C (-13 to 149°F)	-	
Storage Temperature	-25 to 65°C (-13 to 149°F)	-	
Relative Humidity	0-95%	Non-condensing	
Dimensions	Single Rocker	126 x 82 x 19mm (4.95 x 3.21 x 0.7in)	H x W x D
	Double Rocker	126 x 115 x 18mm (4.95 x 4.52 x 0.72in)	H x W x D

## PRODUCT OVERVIEW

Catron IV is a wireless self-powered 4 button switch that controls ON/OFF, intensity, and correlated color temperature of an individual or group of luminaires. Catron II is a wireless self-powered 2 button switch that provides similar capabilities.

They are part of Lumos Controls ecosystem, which includes controllers, sensors, switches, modules, drivers, gateways, and analytical dashboards.



CATRON II

CATRON IV

## REQUIRED TOOLS & SUPPLIES



Catron II, IV



Screwdriver



Screws



Wall plates

## INSTALLATION INSTRUCTIONS

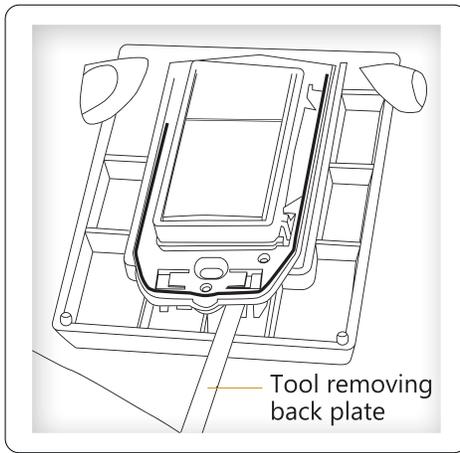
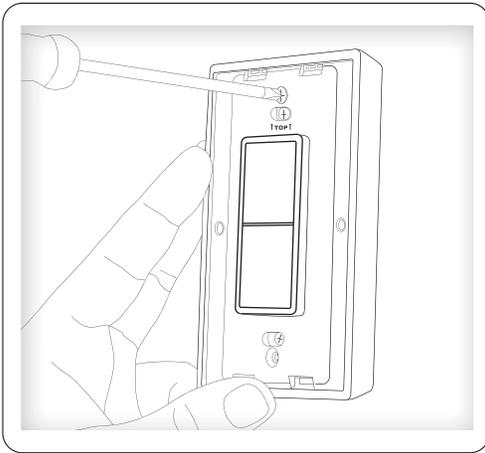
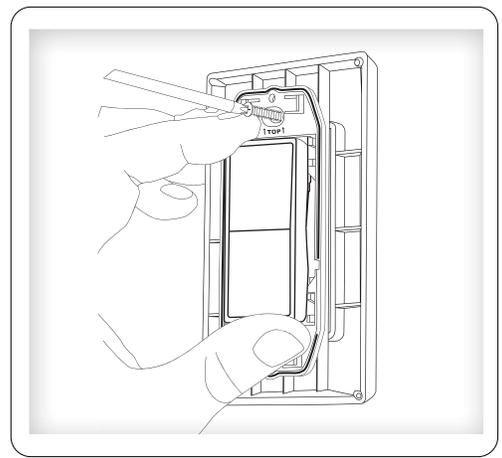
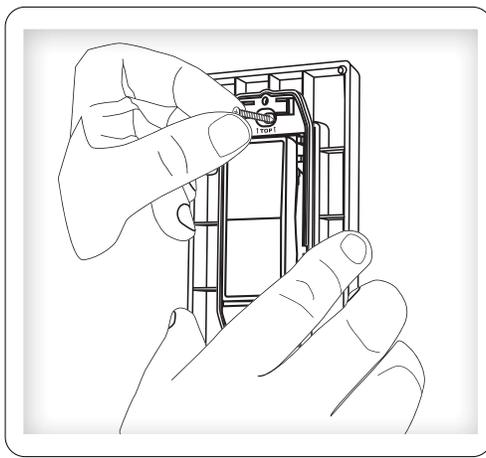
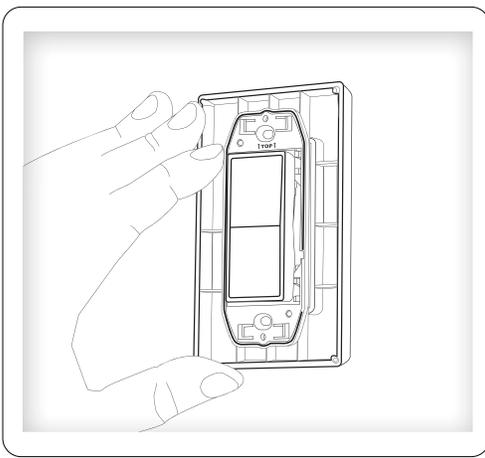
- Ensure optimal communications with other system components
- Pick a convenient location, perhaps near a door where occupants enter and exit
- Consider the construction materials in the space and remove the obstacles that may interfere with RF signals

## INSTALLATION STEPS

- Decide where you want to mount the rocker pad. The standard height for wall switches is 49" or 125 cm on center
- Remove the wall plate from the rocker pad assembly
- Decide which of the two installation options is appropriate

### A. Surface Mounted Installation

- Using a level and a pencil, lightly mark 2 small dots to align the top edge of the mounting plate.
- 1I. Mark the mounting screw drill points.



- III. Drill holes for the wall anchors with a 3/16" drill bit and insert wall anchors.
- IV. Insert the top screw(s) loosely and level the back plate.
- V. Insert the bottom screw(s), and then hand tighten the top screw(s).
- VI. Insert the bottom screw(s), and then hand tighten the top screw(s).

**NOTE:** For proper assembly, make sure to align the "top" labels on the rocker pad and wall plate

## B. Flush Mounted Installation

**NOTE:** When installing over an existing wall box make sure any bare electrical wires are capped. Where local building codes require the use of UL certified wall plates, please replace the provided wall plate by a certified wall plate made of plastic. Metal wall plates are not recommended, as they would reduce radio coverage!

- I. Remove the assembly screws which hold the wall plate, rocker pad, and mounting plan together
- II. Use a tool to carefully pry the rocker pad free from the back plate. The back plate is not used for this option.
- III. Mount the rocker pad over the existing wall box using the two screw holes

**NOTE:** For proper assembly make sure to align the 'top' labels on the rocker pad and wall plate.

- IV. Attach the wall plate on top of the rocker pad using the two wall box screw holes.
- V. Insert the trim plate tabs in the bottom slots and then lightly flex the plate to insert top tabs

**TIP:** to remove the trim plate, use a flat-head screwdriver to depress the trim plate tabs using the 2 slots on the bottom of the wall plate. Alternatively, use a fingernail to press down along the top groove and flex the tabs out of the slots.

- VI. Click the rocker pad on and off to test the functioning

**NOTE:** to activate dimming, press and hold the top button to increase bottom button to decrease.

# OPERATIONS

The device can be configured to operate in default mode or custom mode after commissioning. Custom mode can be used to configure functionalities using mobile applications.

### Default Behaviour of the Switch:

Press both buttons together for decreasing CCT

Press both buttons together for increasing CCT

### Sample Configuration of Custom Mode:

Favorite Luminaire 'ON'    Scene animation 'PLAY'

Group 'INTENSITY UP'    Scene 'ON'

\*Custom configuration can be made for Catron II as well

# TROUBLESHOOTING

Problem	Solution Checklist
The rocker pad does not generate a message	Verify the rocker pad is installed in the proper orientation
The linked device does not respond to wireless messages	<ul style="list-style-type: none"> <li>Check for environment or range issues</li> <li>Check if appropriate devices are linked</li> </ul>

# WARRANTY

5-year limited warranty  
 Please find warranty [terms and conditions](#)  
 Note: Specifications may change without notice  
 Actual performance can vary due to end-user environment and application

# LUMOS CONTROLS APPLICATION

Download the 'Lumos Controls' application from Play Store or App Store OR

Scan the QR codes to download the 'Lumos Controls' application



Please visit [Help center](#) for more details

# COMMISSIONING

Once powered up, the device will be ready to be commissioned via the Lumos Controls mobile app, available for free download on [iOS](#) and [Android](#). To begin commissioning, click the '+' icon from the top of the 'Devices' tab. The app allows you to preset certain configurations which will be loaded after the device is added. The pre-configurations made using 'Commissioning Settings' will be sent to the devices being commissioned.

Once commissioned, the device will be displayed in the 'Devices' tab and you can perform individual operations like ON/OFF/dimming on it from this tab.

**Note:** The 'Output Channel Configuration' will be 'Single Channel' by default. To configure dual channel settings, go to 'Additional Settings' and click 'Output Channel Settings'. Then select 'Controller based color tuning' or 'Driver based color tuning' based on the connected driver.

You can also commission these switches by scanning the QR code by following the below steps:

- Go to the 'Devices' tab
- Click on the '+' button and choose the option 'Scan QR code'
- Scan the QR code behind the device with the app and click on the option 'Add Now'

Choose if the switch should act as 'Double Rocker' or 'Single Rocker'

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