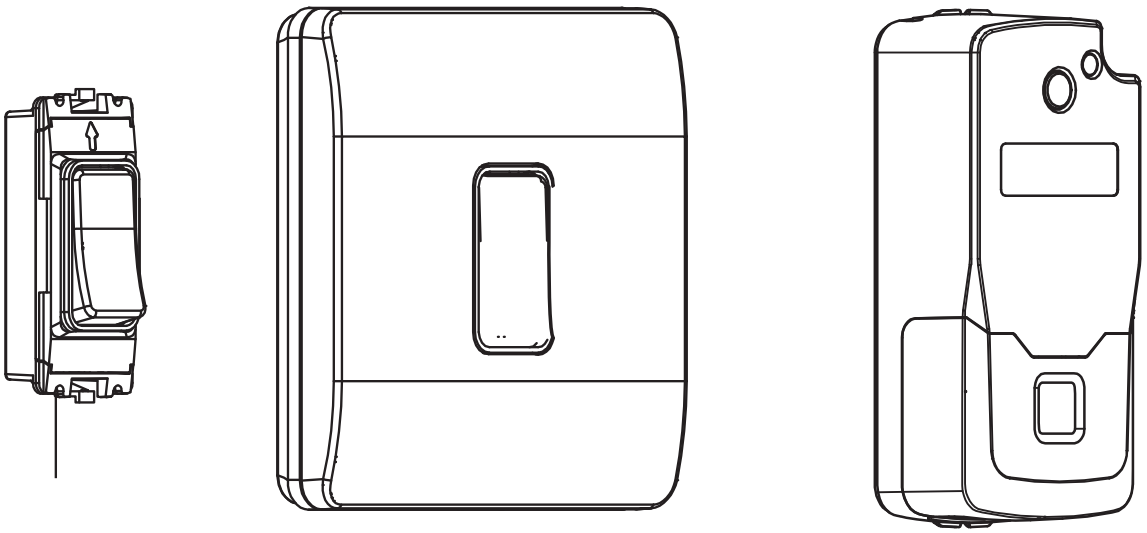
Instruction Manual

V2



CUL-47553 Pre-Paired Kinetic Slim Grid Switch & Smart Switch On/Off Rec Dimm White

This product should be disposed of responsibly at the end of its life. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive)

Helpline

If you receive this item with parts broken or missing, please telephone:

0333 0050077

Please have ready your name, address, tel. no., product reference, where purchased and parts required.
An answering service is in operation outside office hours and during busy periods.
We regret that we are unable to give advice on internal house wiring.

kinetic
WIRELESS SWITCHES

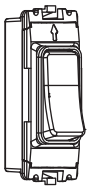
CHL, GORSE MILL, OL9 9RJ
www.cascadehl.com/#contact
EU Authorised Representative: Authorised Rep Compliance,
Ground Floor, 71 Lower Baggot Street, Dublin, Ireland,
D02P593. **www.authorisedrepcompliance.com**

22
PAP

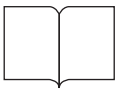
Recycle

A. What is in the box ?

1 Gang

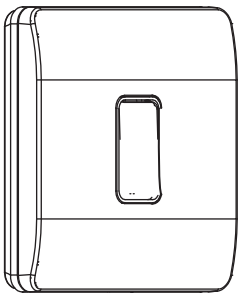


x 1

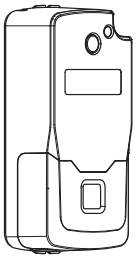


x 1

1 Frame

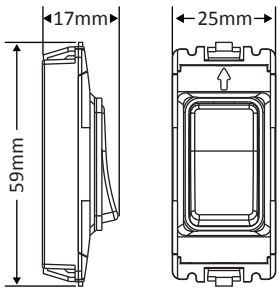


1 Controller
(Pre-paired)



B.Switch Specifications And Installations

Dimensions:



Power Source:
Self Powered (Kinetic)
Radio Frenquency:
433 MHz
Switching Type:
Push Switch
Dimming Type:
Push Dimming

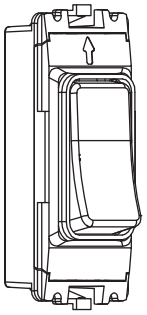
IP Rating:
IP20
Body Material:
Polycarbonate
Weight:
24g

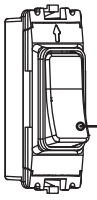
Transmission Range:
Outdoor 80m (no barrier)
Indoor 40m (plaster board; drywall)
Indoor 30m (concrete, glass walls)
(Range may vary depending on surrounding situation)

Install on or close to metal surface would decrease the transmission range significantly. Suggest to keep away from metal surface at least 1m to get the best performance.

C. Operation

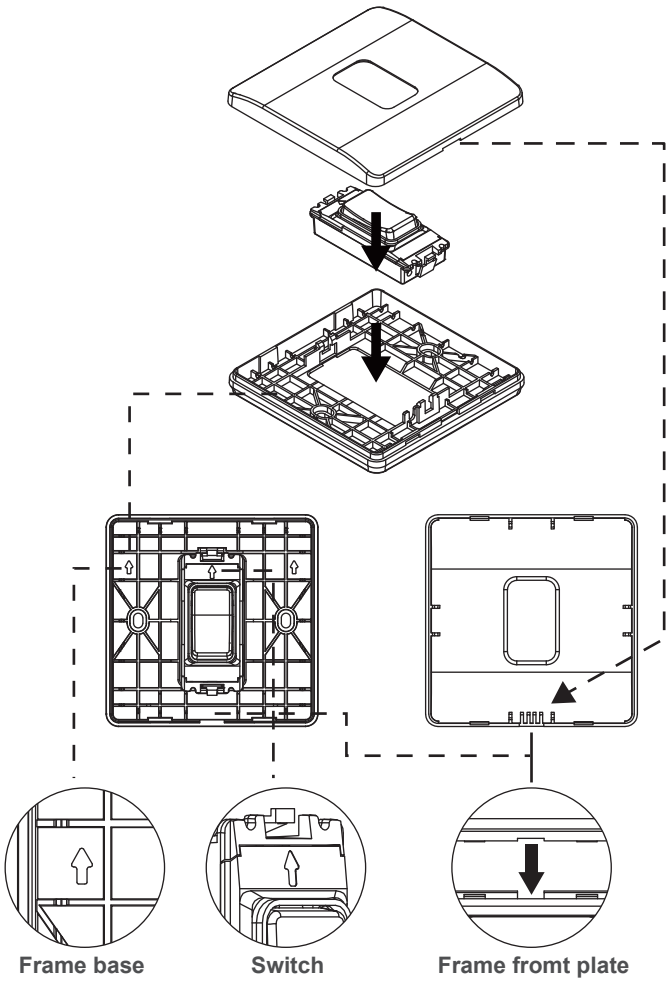
1 Gang





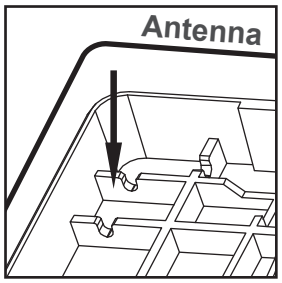
Single press to
turn on/off.
Long press to dim.

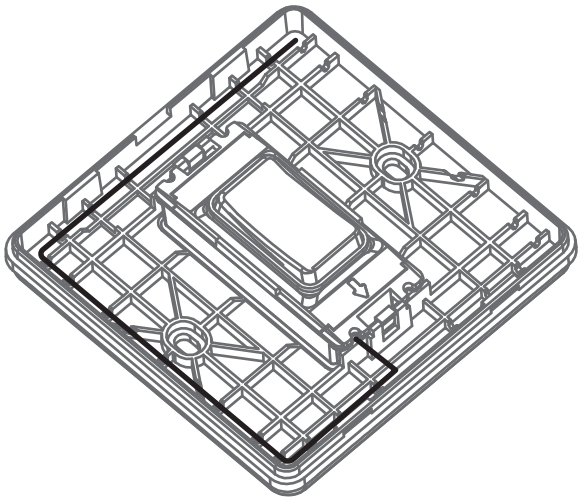
D.Switch Installations



Arrow pointing upwards

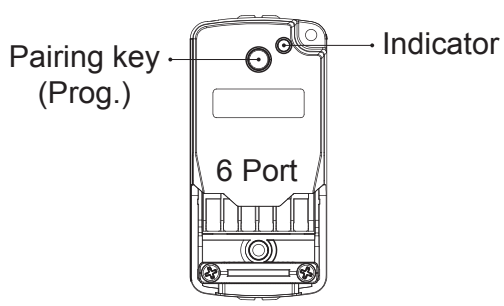
Antenna Installation

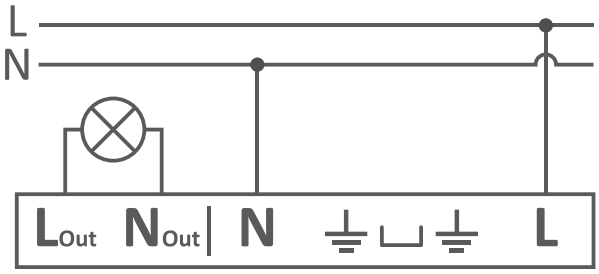




E. Product Specifications

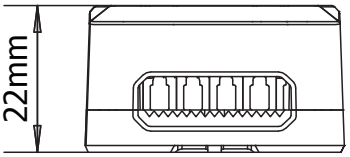
1CH RC | Trailing Edge

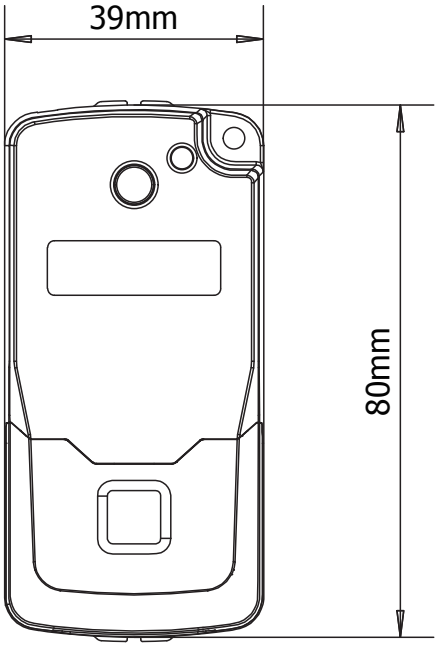




Product Code	CUL-47553
LOAD	LED 300W or 1.3A, 200-240Vac 50/60Hz
RADIO FREQUENCY	433Mhz for Kinetic Switch & Remote
SMART PROTOCOL	2.4Ghz, Tuya Wi-Fi
MAINS WALL SWITCH COMPATIBLE	No
CHANNEL	1CH
IP RATING	IP20
TEMP. RANGE	-20 ~ 40°C
HOUSING TEMP.	Ta: 40°C Tc: 85°C
LIFETIME	50000 Hours

F. Product Dimensions



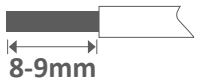


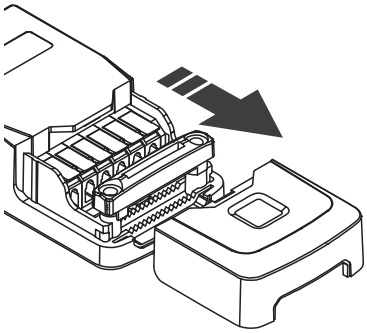
G. Installation

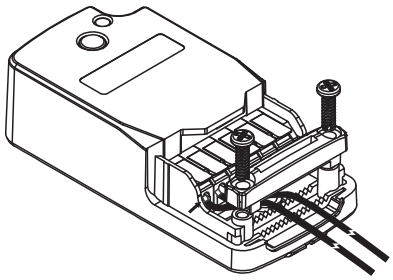
Warning: installation should be carried out by professional electricians.

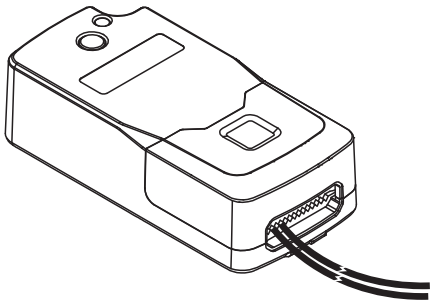
a Slide the terminal protector to remove it from the case;
b Loose cable clip screws before connecting wires to the terminals;
c Insert the wires to the terminals;
d Refasten cable clips.
e Slide the terminal protector back to the case to complete the installation.

Cable Size: 0.4-2.5mm²





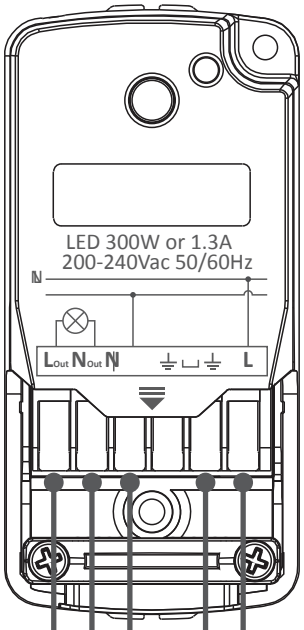




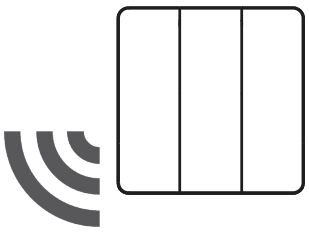
H. Wiring Diagram

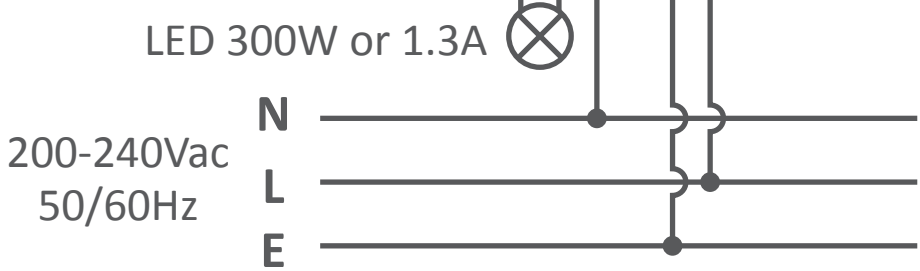
L: Live
N: Neutral
⏚: Earth

L1: Live Out
N1: Neutral Out



Kinetic Wireless Switch





a. Power must be turned off before installation.
b. Installation must be carried out by professional electrician.

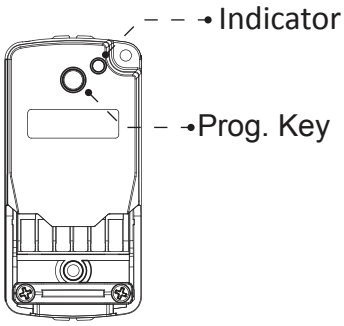
I. Setting Minimum Dimming Level

This dimmer receiver can set minimum dimming level to allow better compatibility with triac dimmable lights.
The default minimum dimming level is 10%. The minimum dimming level may be changed through press the Prog. key on the dimmer receiver.
Minimum dimming level is ranged between 1-40%. Each press on the Prog. key will increase 3% of output of this receiver, until it reaches to 40% and restart back from 1%, 4% etc.
When the desired minimum dimming level is selected, you then may proceed to the pairing process as below.

J. Pairing Process Overview

Short Press Prog. Key to:

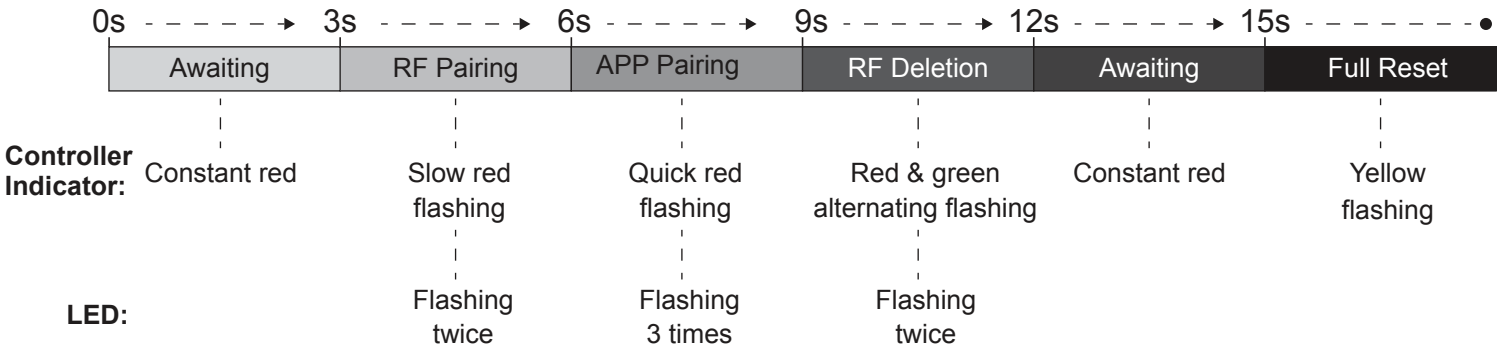
Turn On (Indicator: Steady Green light)
Select minimum dimming level



Long Press Prog. Key:

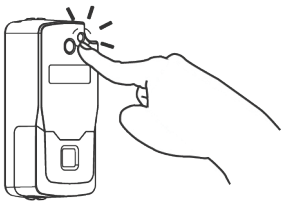
Turn on/off Power Supply 5 Times or

Functions:

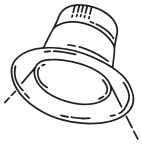


K. Pairing - Kinetic Wireless Switch

a. Press and hold the Prog. Key for **3secs** until the **RED** indicator flashes slowly, and release to enter RF pairing window (the light will flash **Twice** and stay on).
b. While the RED indicator on the controller is flashing slowly, press the RF sender **ONCE** to complete the pairing.



Hold on Prog. key over **3secs**
Indicator: **RED** flashes **slowly**

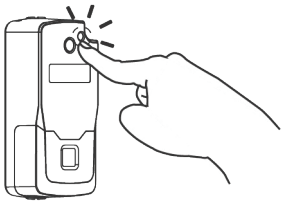


Light flashes **Twice** and stays on

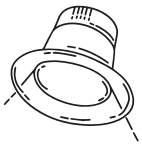
*If there is no operation within 30 seconds, the LED will blink once and exit the key-pairing mode, entering the normal working mode.

L. Pairing - Smart Applications

Option 1. Press and hold the Prog. Key for **6secs** until the **RED** indicator to **flash quickly** and release to enter App pairing mode, the light will flash **3 times** and stay on.



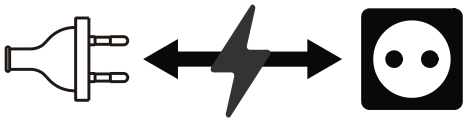
Hold on Prog. key over **6sec**
Indicator: **RED** flash **quickly**



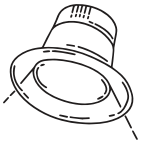
Light flashes **3 times**
and stays on

*If there is no operation within 5 minutes, the LED will blink once and exit the key-pairing mode, entering the normal working mode.

Option 2. Turn On/Off the power supply **5 times** constantly (*the **GREEN** indicator is on/off **5 times** constantly) to enter App pairing mode, the light will flash **3 times** and stay on.



Turn on/off the power supply **5 times** constantly
Indicator: **RED** flash **quickly**



Light flashes **3 times**
and stays on

App Pairing (*CUL - 45731)

Preparation for Wi-Fi App pairing:

a. Strong WiFi Signal cover is important to run this Wi-Fi receiver.
b. Only **2.4G** Wi-Fi router compatible.
c. Download the TUYA app from Google or Apple Stores.
d. Turn on Bluetooth on your smart phone.



2.4G WiFi



Location



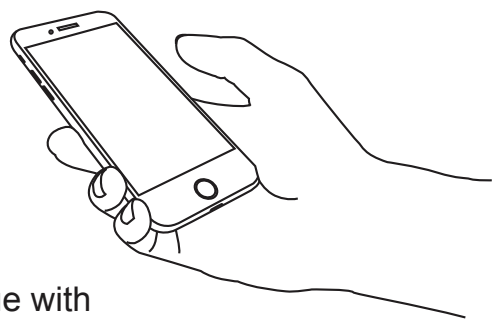
Bluetooth

Download Tuya Smartlife App to process:





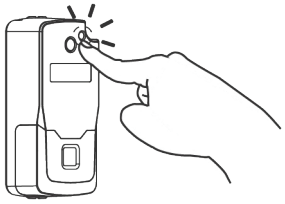
Add the receiver to Tuya App
to compete pairing:



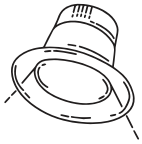
continue with
Tuya User Manual.....

M. Unpairing - Kinetic Wireless Switch

Option 1: Press and hold the Prog. Key for **9secs** until the indicator is **flashing alternately between RED and GREEN** and release to enter Kinetic Wireless Switch removing window (the light will flash **twice** and stay on).



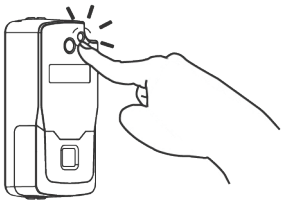
Hold on Prog. key over **9secs**
Indicator: **RED & GREEN** alternating flashing



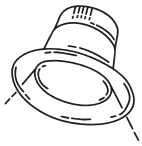
Light flashes **Twice** and stays on

N. Full Factory Reset

Press and hold the Prog. Key for **15secs** until the indicator flashes **YELLOW** to complete a full factory reset (the light will flash **5 times** and stay on).



Hold on Prog. key over **15secs**
Indicator: **YELLOW** flashing



Light flashes **5 times** and stays on

***Note: this will clear all Kinetic Wireless Switch and APP pairings on this controller!**