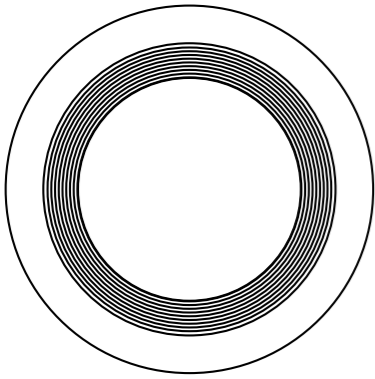# Luvoni
by Maxxima

LED **Smart** WiFi Downlight Installation Guide

Works with Standard ON/OFF Switch or Direct Wire Installation

Product name	WiFi LED 4" Downlight 10W
Model No.	MRL-410100DW
Rated Voltage	120VAC
W / LM / CRI	10W 600LM >80
CCT Range	RGB + 2700K - 5000K

Product name	WiFi LED 6" Downlight 11W
Model No.	MRL-611100DW
Rated Voltage	120VAC
W / LM / CRI	11W 700LM >80
CCT Range	RGB + 2700K - 5000K

⚠ WARNINGS AND CAUTIONS

● Risk of fire and electrical shock, products should be installed in accordance with appropriate electrical codes and regulations.
● The product shall be used together with an upstream air-gap switch.
● If you are unsure about any part of these instructions, consult a licensed electrician.
● DO NOT USE WITH AN IN-WALL DIMMER. Only Dimmable via the mobile APP.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION

Any changes or modifications to this unit not expressly approved by the manufacture could void the user's authority to operate the equipment.
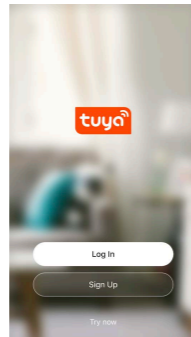

Mobile APP Set-up

Step 1 Download the 'TuyaSmart' App.
● Scan the QR code below to download the 'TuyaSmart' App.
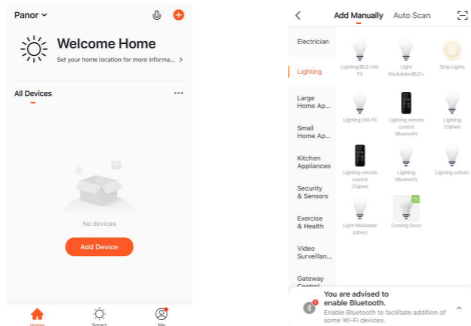● You can also download this app in the app store/Android app market search "TuyaSmart"

Step 2 Register an account and Login
● Open the TuyaSmart App,click Register to create an account & login.
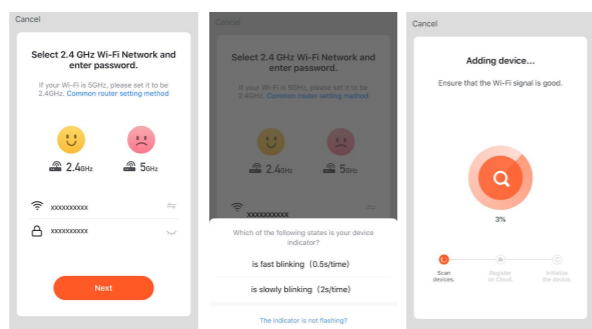● If already registered, login.

Step 3 Selecting the Device
● Click 'Add Device' or the ' + ' in the top right-hand corner;
● Click 'lighting' then ⬚ to enter the device connection interface;

Step 4 Mobile phone connection
Step 4a EZ mode connection:
When the Downlight is on, switch the on/off switch 3 times (each interval within 1s), Off, On, Off, On, Off, On. The light will flash quickly(flash once every second), your phone can connect to the light. The light will stop flashing once when the connection is successful (If there is no connection, exit network configuration mode after 3 min.)
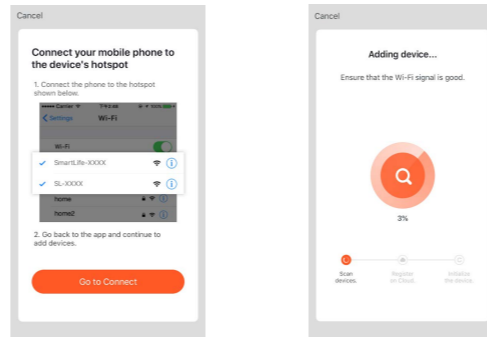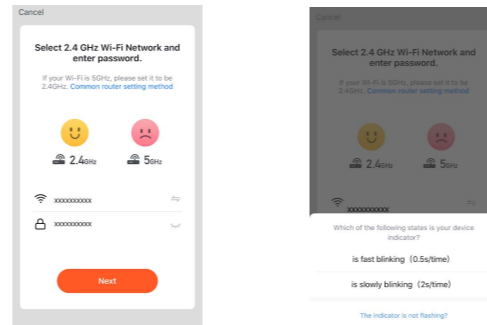● Confirm the light flashes quickly, click
● Enter the your WiFi Network and password in your home and click Confirm.
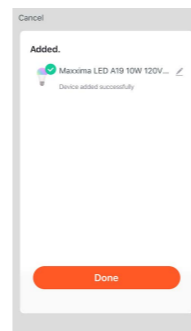

Step 4b AP mode connection:
When the light is flashing quickly; turn the light off. Repeat turn the on/off switch 3 times to make the light flash slowly. The light will flash slowly (flash once every 2-3s), your phone can connect to the light. The light will stop flashing once when the connection is successful. (If there is no connection, exit network configuration mode after 3 min)
● Click 'APMode' to enter the operation interface.
● Confirm the light flashes slowly, click
● Enter the Wi-Fi Network and password, click
● Click _____ ,connect to the Wi-Fi that comes with the light and return to the APP, wait for the connection.
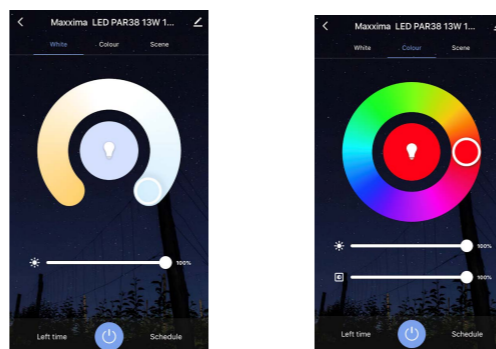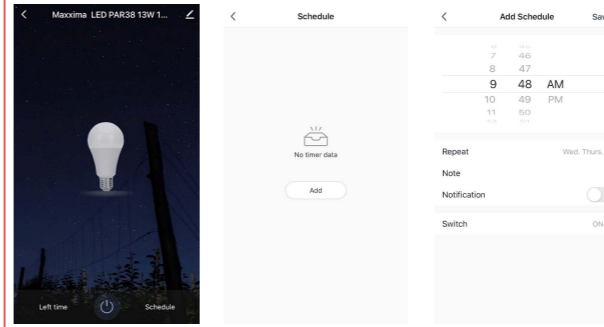

● Click _____ Done to enter the operation interface.

Mobile APP operation

● Select White to adjust the CCT and to Dim.
● Select Color to adjust to the desired color, to Dim and adjust Contrast.
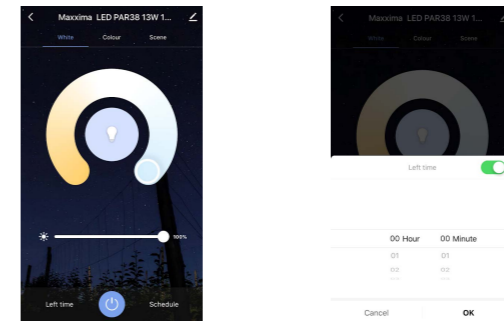

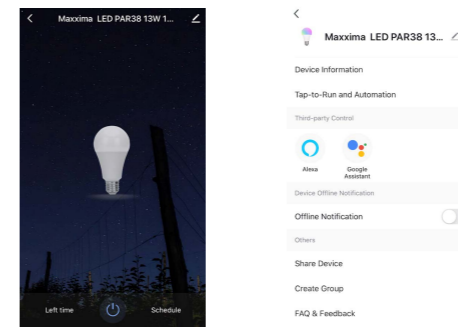● Click Schedule to set a on or off function of the light at a certain time/day(s).
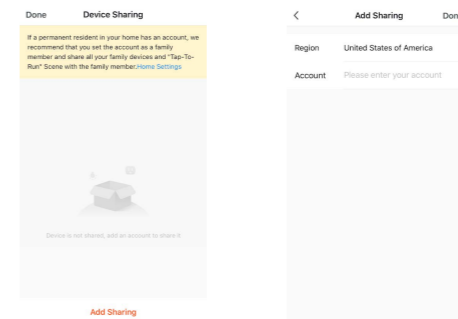● Add schedule and then save. Repeat as desired.

● Select Left Time to enable Countdown Timer when Light is on. The time selected will automatically turn the light off after the desired time.

● After the light connection is completed, it can be shared to many people, that is, one light can be controlled by multiple Users.
● Click ✏ to enter the device details interface;
● Click 'Share Device' to enter the device sharing interface.

● Click 'Add Sharing', add the account you are willing to sharing.

● You may also share all devices in your account with another account.
● Go to "Me" at the bottom of the App.
● Select "Home Management".
● Select the Home you wish to share.
● Select "Add Member". You can send invite via TUYA account, Message or Email. New Member must have or create a TUYA Account via the TUYA Smart App.

Trouble-Shooting / Recommendations / Tips

● If light socket does not have an in-wall switch for on/off sequence for connecting to WiFi Network - before installing downlight into ceiling, unplug the connector in the back of the downlight to turn it off, plug the connector back in to turn on, and repeat. Please give 1-3 seconds between on and off. Once flashing, connect with mobile device. Once connected, finish installing into ceiling.
● If the light is offline in the App, make sure the in-wall switch is in the on position. If not, turn on.
● Please check whether the light is connected with power, and your mobile device is connected to a 2.4GHz WiFi Network.
● Check the router. If the router is dual-band, make sure to select 2.4GHz network to add the light. Router Broadcast should be set to open.
● Make sure the WiFi User Name and Password are correct.
● Make sure the light is within the range of the router signal. If not, try moving closer to the router.
● Check to see if the maximum number of devices/lights the router can handle has been reached. If so, remove a device/light and restart the router.
● If there is no connection, try restarting the light and/or restarting the router.
● If the device will not go into pairing mode, try the on/off sequence 4 or 5 times instead of 3 times. Also give a second or 2 longer delay between the on/off sequence.
● If the internet connection is down, the light can still be controlled through your mobile device as long as both are connected to the same Network.

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