

Make your home smart & connected in simple steps with ENER-J

## Take Control of Your Lighting from Anywhere

### Smart Frameless Downlight

Control your power by:



Mobile



Voice



Compatible with:



Download our app from



To download, scan the QR code



ENERJSMART



ANDROID



iOS

## Specifications

1. **Input voltage:** AC175-265V
2. **Power:** 18W
3. **Lumens:** 1600lm
4. **Wireless type:** Wi-Fi 2.4GHz (5G not supported)
5. **Wireless standard:** IEEE 802.11b/g/n
6. **Dimensions:** 220mm x 42.5mm
7. **Colour Temperature:** CCT Colour Changing & Dimmable via APP
8. **Service life:** ≥30000 hours

## Part A: Physical Installation:

### **WARNING: RISK OF ELECTRIC SHOCK**

Always disconnect the mains power supply before inspection/installation or replacement. It is advised that a qualified person/engineer or electrician to do the physical installation.

Proceed in accordance with local safety regulations.

Use IEC certified cables for connections. Minimum diameter 8 AWG (0.75mm<sup>2</sup>)

### **Instructions for proper grounding**

Grounding must be performed in accordance with local regulations. Improper grounding poses serious hazards to personnel and equipment.

### **Electrical Requirements**

The Downlight has to be connected to main power supply. Special care shall be taken during installation. The fixture shall be wired with the mains power circuit by snapping the wire in the terminal block located inside the device. The Wire connections shall be carried out by a qualified person holding necessary skills and safety gloves.

### **Instructions for Installation:**

1. Before Installation make sure that the mains power supply is disconnected in order to avoid accidental power surge or shocks.
2. Make sure that the electrical circuit that powers this downlight is equipped with adequate protection (fuse).
3. Never attempt to install a damaged product. If there is any physical damaged, please return the unit back to the point of purchase.

4. Connect with mains cable (Live, Neutral and Earthing) in the terminal cord as per the markings (See Pic below). Blue Cable: Neutral, Brown Cable: Live and Grounding Cable: Green or yellow.
5. Close the Back cover. There is space for the cables in the cover so it can be closed easily when the connection is done.
6. Place the lamp in desired ceiling hole and keep the springs of the Downlight inside the ceiling and Ring part outside the ceiling. Please adjust till it gets fitted properly.

### **Important Notice for Warranty:**

The LED Smart Frameless Downlight has 2 years warranty. Please Note that the device needs cooling time and recommended usage is 10-12 hours/day. If used more than 12 hours a day then warranty will be void.

## **Part B: Physical Installation:**

### **1. DOWNLOAD AND INSTALL OUR APP**

Install 'ENERJSMART' in your Smartphone or Tablet devices through Google Play or iOS Play Store. Alternatively, please scan below QR code's.



**ENERJSMART**



**ANDROID**



**IOS**

### **2. REGISTER OR SIGN IN APP**

Select Location

Enter Email Address or Mobile Number

Verify Mobile Number or Email Address through Text Message or our Email

Follow the screen instructions to login in APP.

### **3. ADD DEVICE**

Before Adding Device, please Switch on/ Switch off the light 3 times (time interval should not exceed 5 seconds). Once you have lights blinking rapidly it means the device is in Pairing Mode. Also make sure that your WiFi router is switched on and working fine. Need 2.4GHz WiFi access to pair this device. 5G is not supported.

If you have a WiFi Hub please go in settings of your providers Hub APP and grant 2.4GHz Access.

Tap "+" located on Top Right corner.

Select 'Lighting Device' from the devices in the list.

Confirm light blinks rapidly.

Select your WiFi and put your WiFi password.

Confirm.

WiFi Downlight will be added under your Devices.

#### 4. CONTROL DEVICE

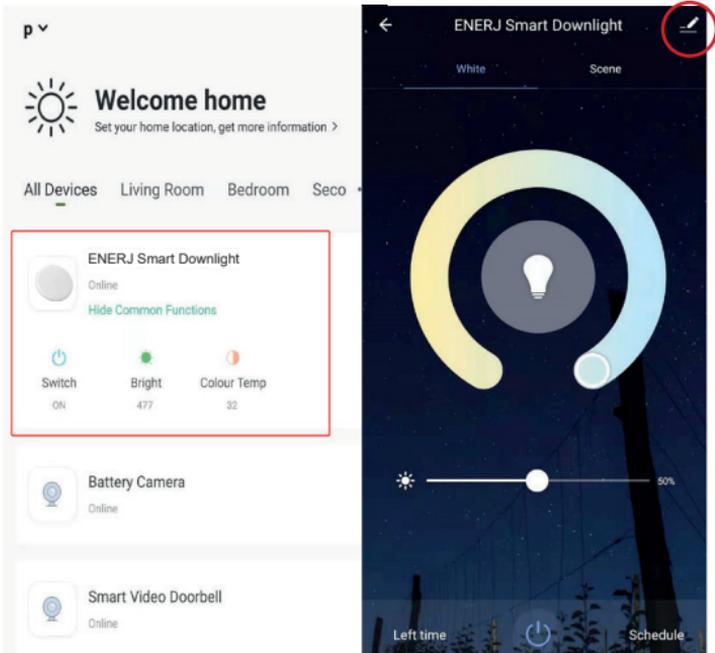
- A:** You can have a quick control of our ENERJSMART Downlight from the Device screen where you could Switch on/off, Adjust the Brightness and Change the Colour temperature from White to Warm White.
- B:** If you select ENERJSMART Downlight then you can access full Control Panel where there are more functions.

**White Mode:** Touch and get to your desired Colour you want of your Downlight. There is Brightness levels from 1% to 100%.

**Left Time:** This acts like a countdown. If your Downlight is switched on and you want it to get switched off after particular time then this option is perfect.

**Schedule:** You can add multiple schedules in APP for the Downlight to get switched on or Switched off a particular time of that day or every day.

**C: Scene Mode:** You can select Pre-Saved Scenes or Create new.



Please click on top right corner (Pen sign) to check more functions listed below:

**D: Create Group:**

If you have 2 or more such devices (Same model) then select this option to synchronize and control all devices together. The Group will be created in your Home Screen to control all devices together.

**E: Share Device:**

You can share the device with your friends and family. Simply click on Add and enter their ENERJSMART APP login mobile number or email address. They will get notification and the device will be shared with them once they confirm it from their ENERJSMART Account.

**5. Connect Amazon Echo and Google Home:**

Log In to your Amazon Echo or Google Home Account

Add Skill Sets (Search ENERJSMART)

3 Skill Sets are available currently: **Switch on/ Switch off**, **Brightness Settings** and **Changing Colour**.

## 6. Note:

1. Only Supports WLAN in 2.4 GHz, Android 4.1 and above, iOS 8.0 and above. 5GHz WiFi not supported.
2. When you connect multiple WiFi Lamps, please try and keep enough space (Advisable 15 cms) in between the lamps as it may cause signal interference.
3. If WiFi signal is weak then WiFi Extender or Repeaters will be required.

## Third Party Control Overview:



If you're new to Echo, it's a super smart speaker from Amazon that responds to your voice.

Once you've bought Amazon Echo and downloaded the ENERJSMART App, you'll need to enable...

### 1. Enable the ENERJSMART App

In your Alexa app, tap Skills in the menu and search for ENERJSMART. Tap Enable.

### 2. Link Account

Enter your ENERJSMART App username and password and follow the onscreen instruction.

### 3. Talk to Alexa

Now the fun part Ask Alexa to control your ENERJSMART device. Check a full list of things you can control by clicking here.



Now you can use Google's voice-activated speaker to control your Smart Home Sockets and adaptors. With the Google Assistant, you can turn on lights without pressing a button.

## 1. Setup

Start by getting the Google Home app and setting up your Google Home if you have not done this already.

## 2. Add ENERJSMART Action

In the Google Home app, tap the menu icon and select Home Control. Then tap the + button to see a list of Action tapping ENERJSMART to select the Action.

## 3. Link you ENERJSMART Account

Now follow the in-app instructions to link you ENERJSMART App account. Once complete you'll be able to say "Okey Google, turn my lamp on" or "Okay Google, set hallway to ON/OFF".

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### Thank you for choosing ENER-J!

Customer satisfaction is our TOP priority, please let us know how you felt about your experience. Happy? We are so happy that you are pleased with our product. Feel free to express your newfound joy! Share your experience by writing a review. Not Happy? If you are not fully satisfied with the item you received, have any problems like damages, or questions, please contact us. We typically respond within 24-48 hours.

### Caution

Products should be installed as per the instructions mentioned in this manual and also as per current electrical codes National Electric Code (NEC).

To avoid the risk of fire, electrical shock or injury, it is advisable that the installation is done by a trained Electrician. Also it is important that mains power supply is switched off before the product is installed or repaired. It is advisable to keep the manual for future reference

### Please Note

Wi-Fi frequency is 2.4G and not 5G (5G not supported). You can do this by contacting your broadband service provider and requesting to either switch to 2,4G entirely or split it between 2.4G and 5G.

If despite following the process as instructed above, you still fail to add the device, then possibly there is a firewall on your Wi-Fi router blocking this device to be connected to your Wi-Fi Router. In such a case you would need to disable the firewall, add this device following above process and once the device is added, enable the firewalls back again.

### Stuck? Confused?

Contact our Technical Support team on:

T: +44 (0)2921 252 473 E: support@ener-j.co.uk

Lines are open Mon - Fri (8am to 4pm)