Getting Started with the
Lightcloud Installation App

LC Installer

Lightcloud

RAB® | Controls

Overview

Use the Installer App to scan and organize Lightcloud Devices. The Device information is then seamlessly sent to RAB for free, remote commissioning. It's really that simple.

Features

- Multi-Site
- Multi-Gateway
- Assign Devices to Rooms
- Assign Device Zone Names
- Assign Dimmers to Controllers
- Create Installation Notes

The Installer App is for setting up/commissioning a Lightcloud system. For lighting controls and management, please use the Lightcloud App.

Questions?

1 (844) - LIGHTCLOUD

Available on the iPhone
App Store

ANDROID APP ON
Google play
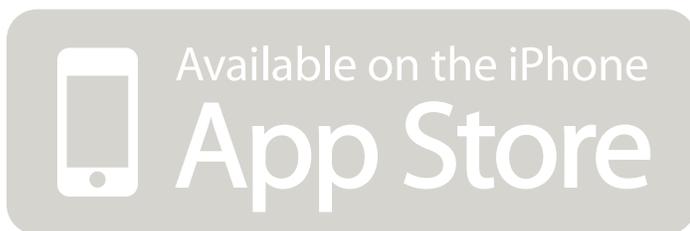
Follow these easy steps to install your Lightcloud site.

1. Position the Gateway

The Gateway should be located centrally to as many Lightcloud devices as possible and have a strong cellular signal.

Test the Gateway Signal Strength—must be green before installation.

POWER

SIGNAL STRENGTH

SYSTEM STATUS
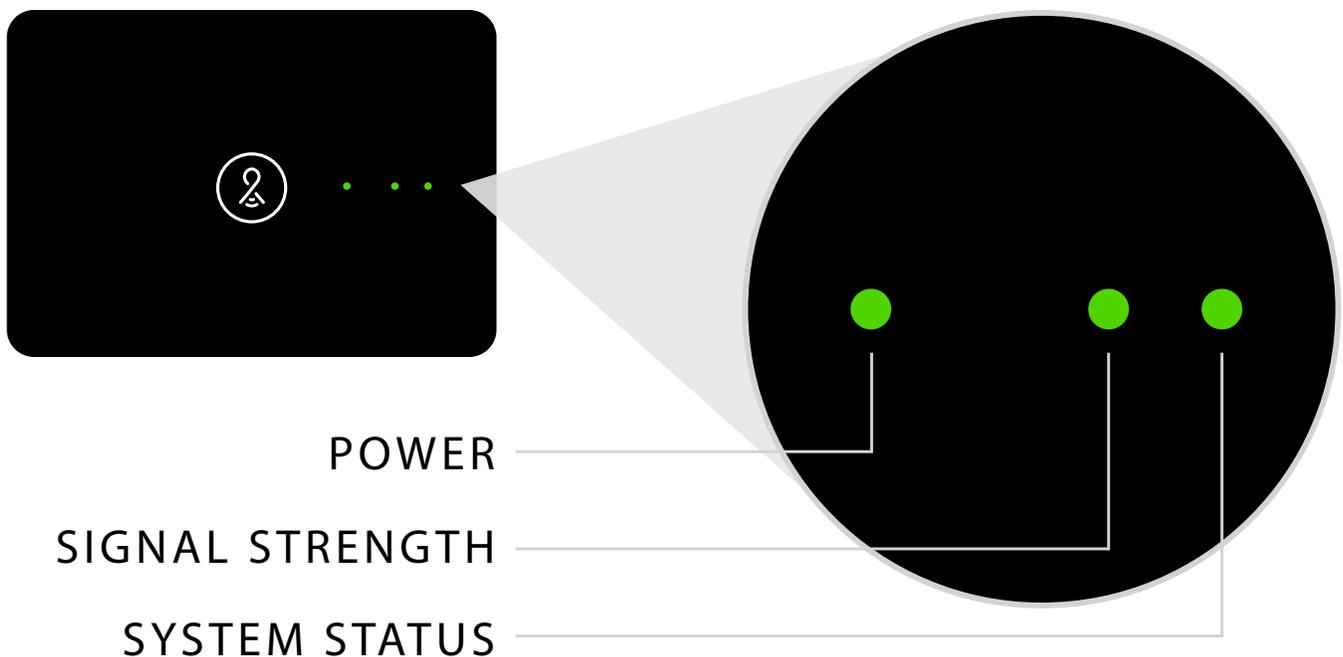
Install one Gateway and related devices at a time.

2. Scan the Gateway's Device ID

The Device ID is used to identify each device in the system.

Device IDs

DEVICE ID
0013A200
40F9C9C5
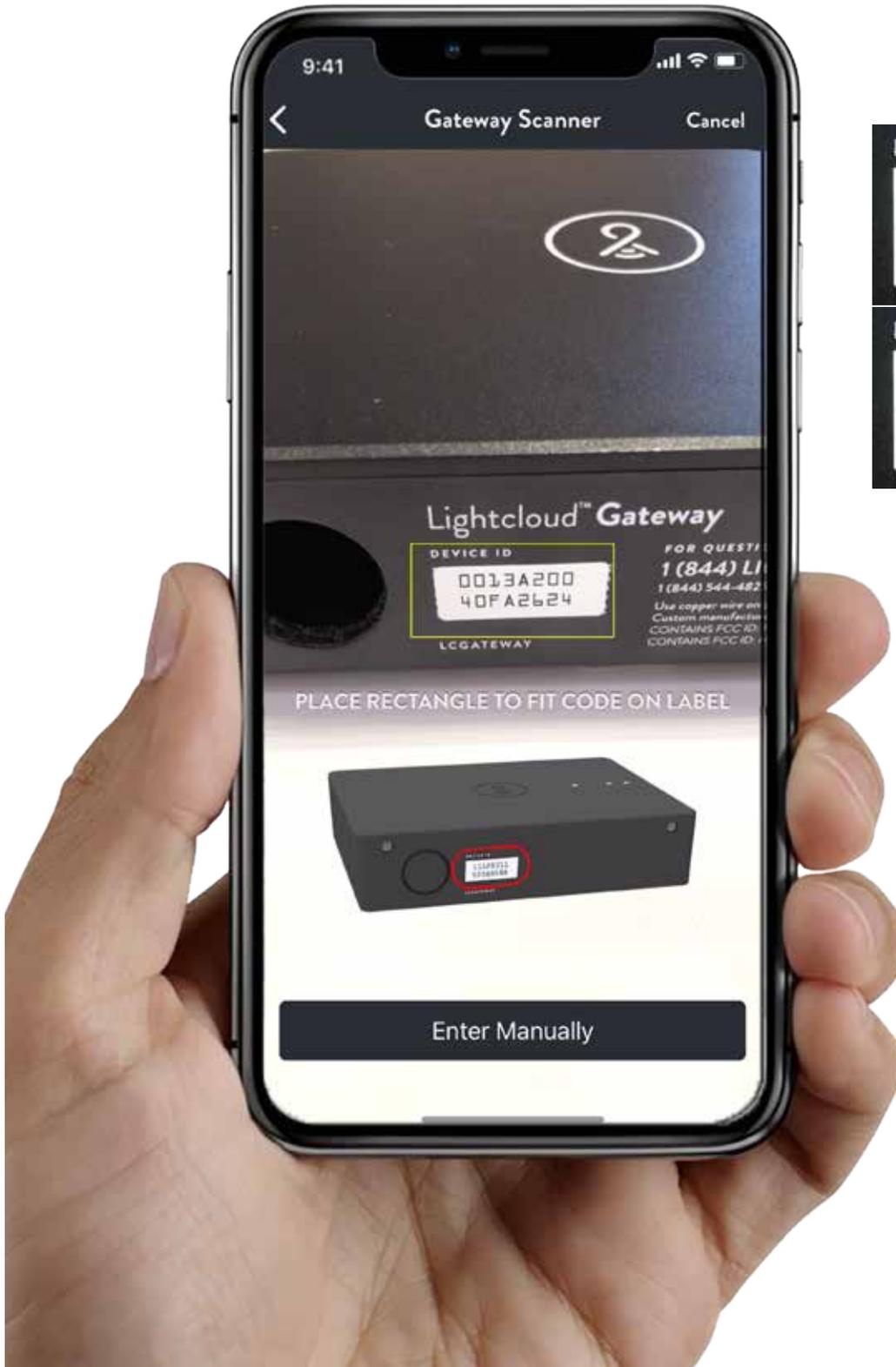
DEVICE ID
A1034
AB8D

3. Permanent Power to the Gateway

Wire the Gateway for permanent, unswitched power.
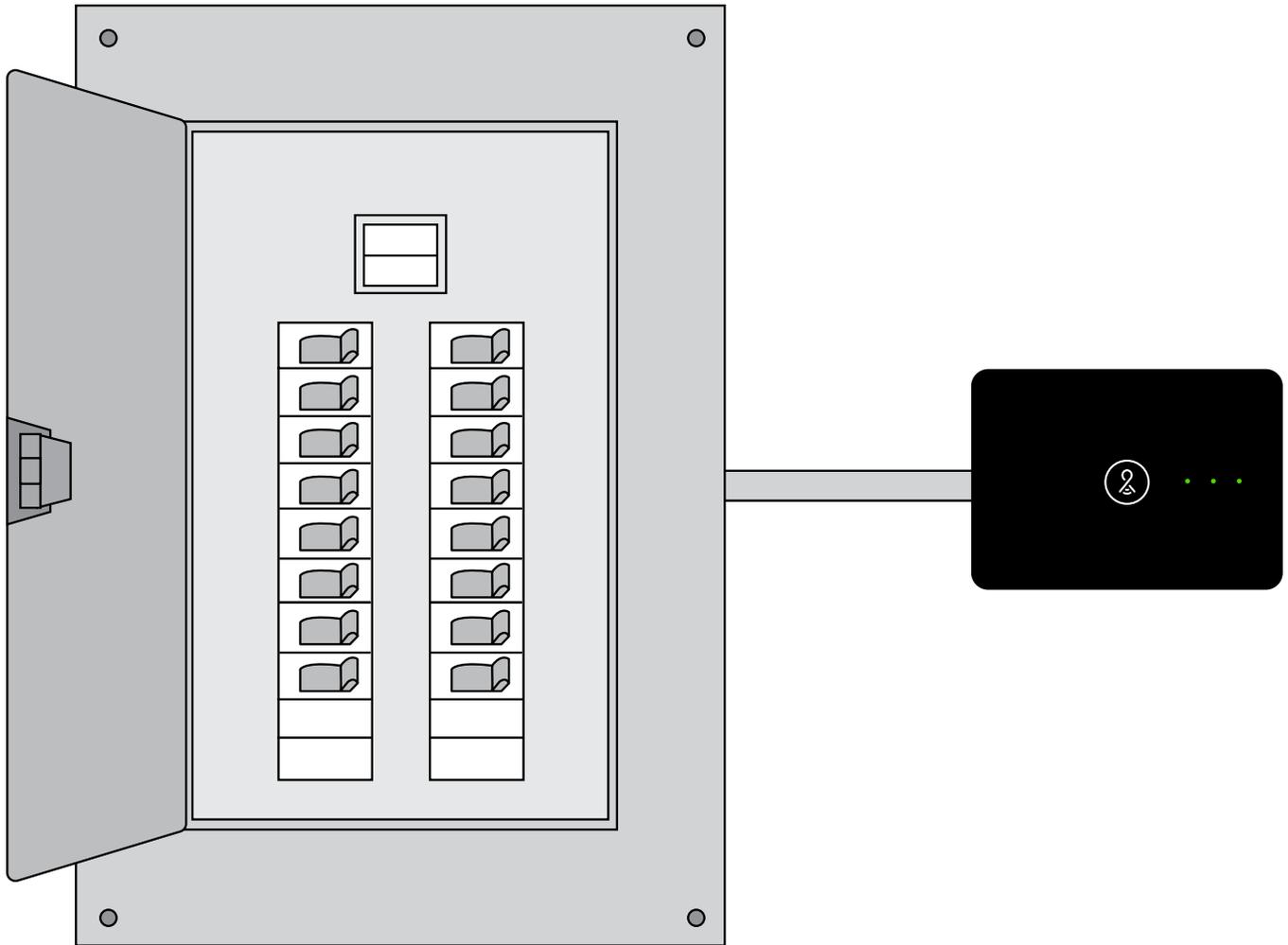
Don't use a plug-in power cord for permanent installation.

4. Position Devices

Lightcloud devices send, receive, and repeat wireless signals. Each device needs to be within range of at least one other device and have a pathway back to the Gateway.
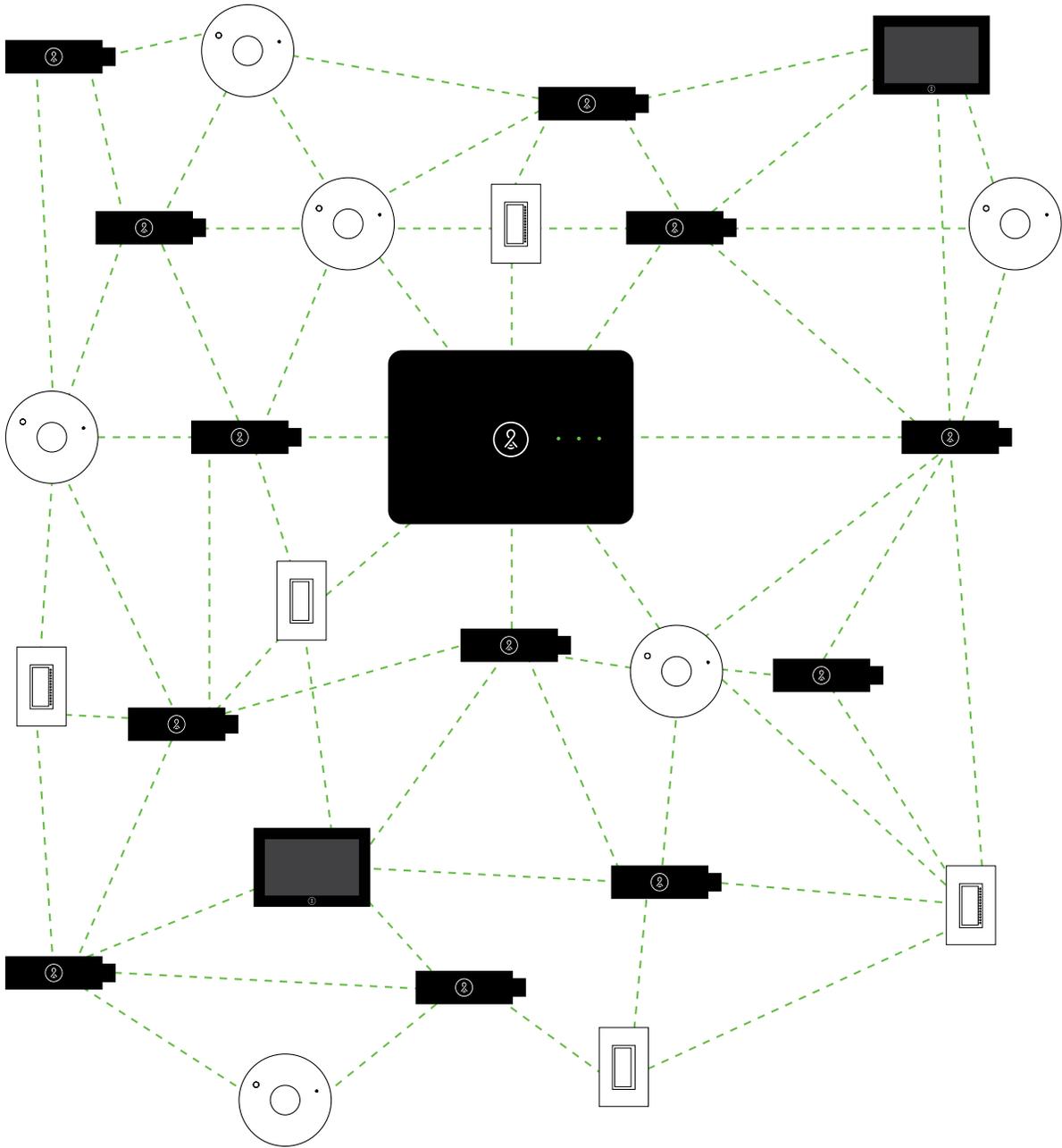
4. Position Devices Continued

Indoor Range: 100 feet through standard building materials such as drywall.

Outdoor Range: 1000 feet without any obstructions.

Use the chart below to see affects of various building materials.

Wireless Range in Feet	Material
	Glass 0.25" (-3ft)
	Glass 0.5" (-5ft)
	Lumber 3" (-10ft)
	Brick 3.5" (-15ft)
	Masonry Block 8" (-20ft)
	Brick 7" (-30ft)
	Concrete 4" (-40ft)
	Brick 10.5" (-45ft)
	Masonry Block 16" (-45ft)
	Coated/Insulated Glass (-55ft)
	Concrete 8" (-80ft)
	Reinforced Concrete 3.5" (-85ft)
	Masonry Block 24" (-90ft)
	Concrete 12" (-95ft)
	Coated/Insulated Glass with Thin Metal Layer (-100ft)

0ft 10ft 20ft 30ft 40ft 50ft 60ft 70ft 80ft 90ft 100ft

= Signal Range　　= Signal Loss

5. Scan Device

Scan Device ID and verify that the number scanned correctly.

Device IDs

6. Complete Device Information
Be as detailed as possible.
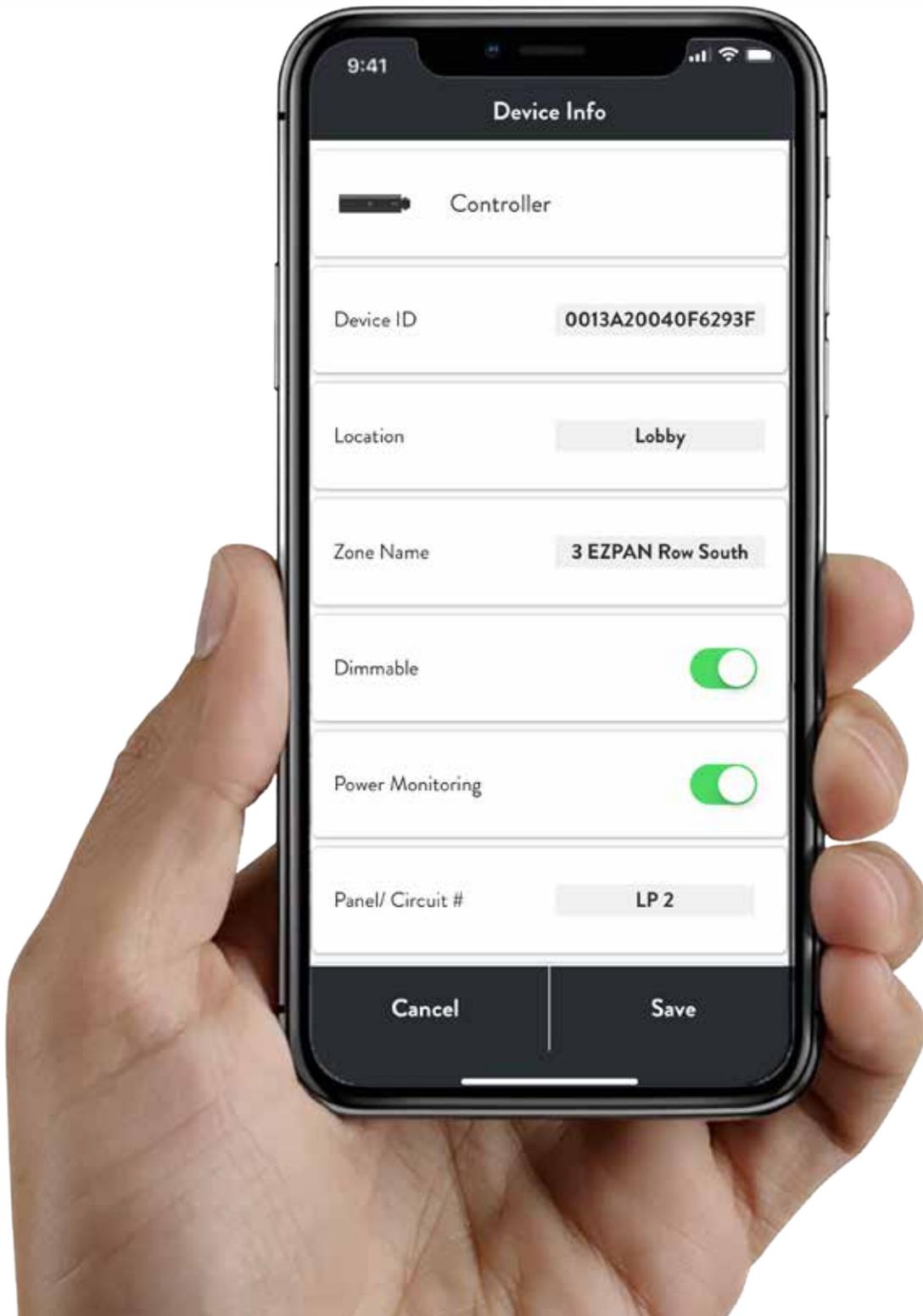
7. Install Devices

Wire for permanent, unswitched power.

**BREAKER BOX OR
CONSTANT POWER SOURCE**

LOAD

LOAD

All Devices are receiving
a constant hot feed
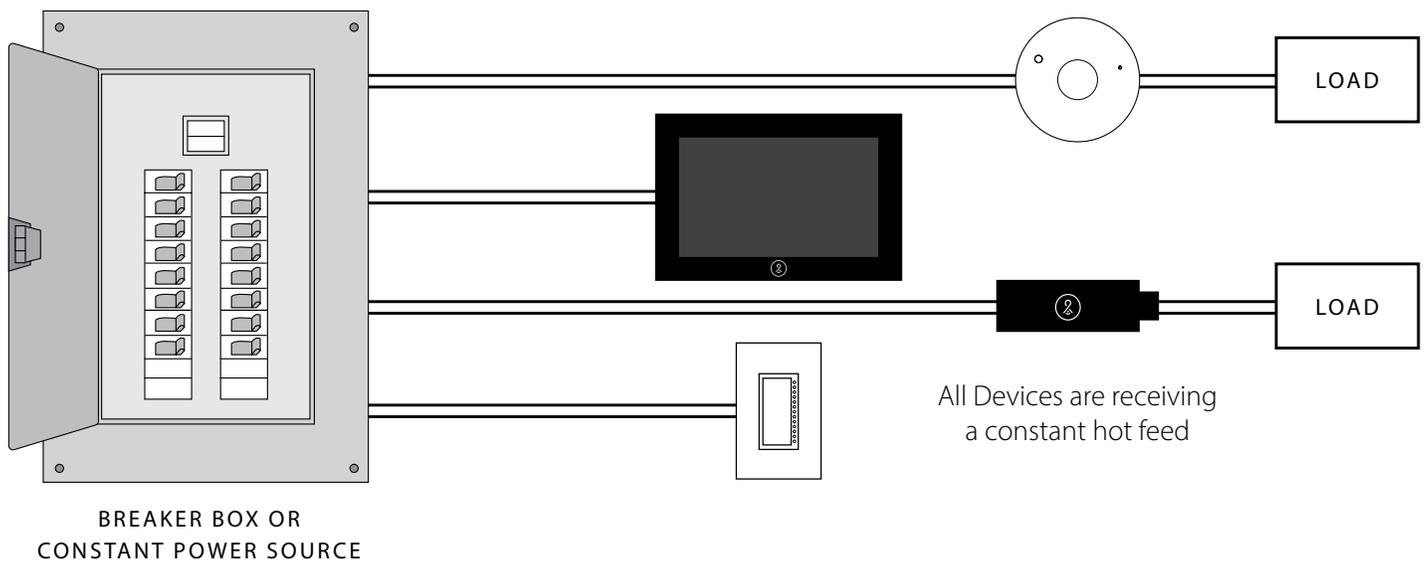
8. Test Devices
Ensure the status indicator is solid Green and test dimming and switching using the device identification button.

DEVICE IDENTIFICATION BUTTON

- Illuminated when device is powered
- Press once to highlight this device in the Lightcloud Application
- Press twice to toggle circuit on and off
- Press twice and hold to set dim level
- Press and hold for 10 seconds to remove this device from a Lightcloud network
- Blinks when device is indicated from the Lightcloud Application

SIGNAL INDICATOR

Illuminates when the device receives a message and indicates the strength of the signal.

3 - Best signal
2 - Acceptable signal
1 - Unacceptable signal
Consult the "Finding a Location" section for more information

STATUS INDICATOR

Solid GREEN when connected to your Lightcloud network. Blinking RED when not connected. The device will automatically continue trying to connect to a network in Setup Mode.

9. Send to RAB
After scanning and installing all of the devices, submit the information by pressing 'Send to RAB'.
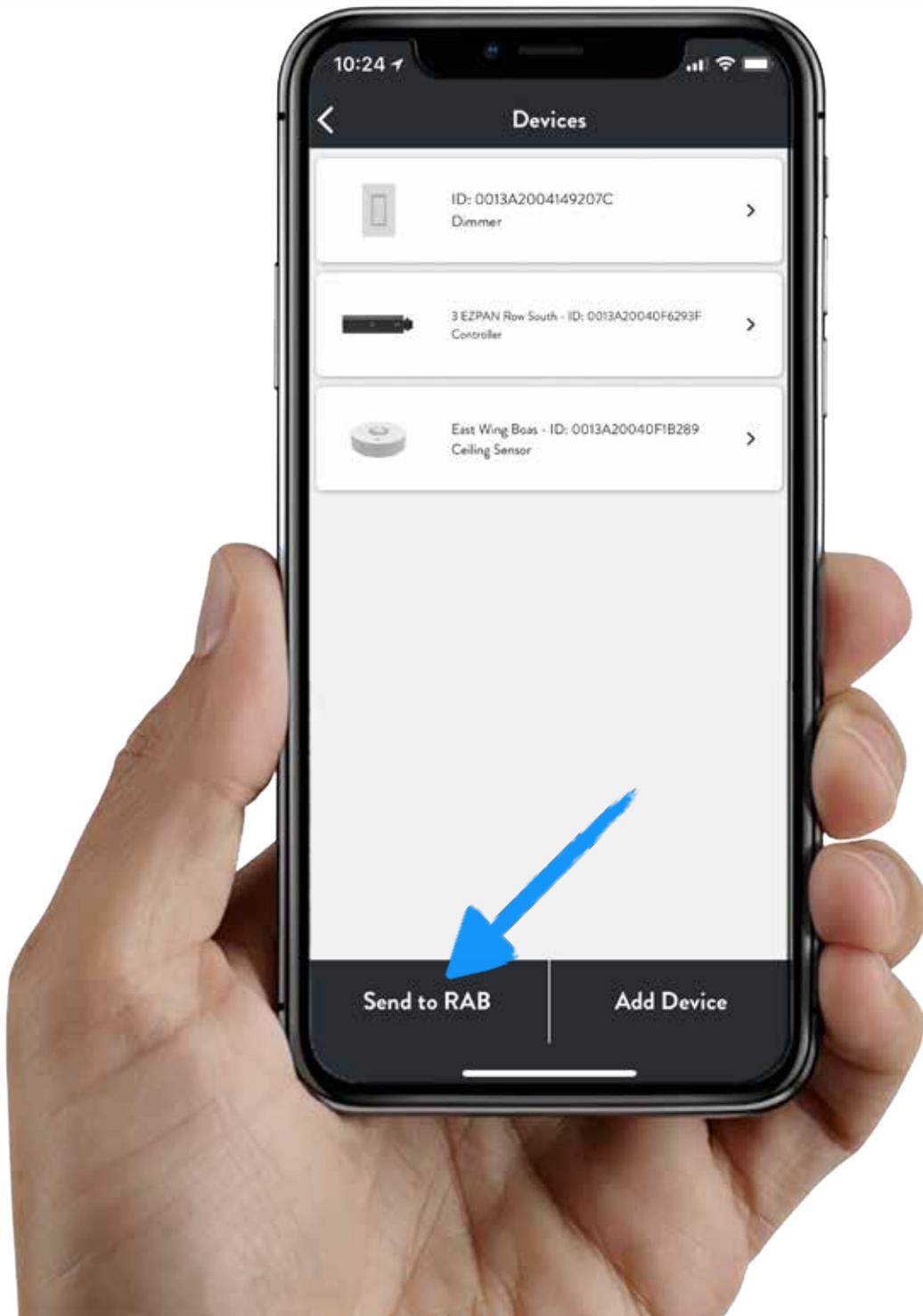
More Info

View the Planning Guidelines
Visit lightcloud.com/resources

Questions?

Free Support — Call 1(844)LIGHTCLOUD

Interested?

lightcloud.com

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