

# LCGATEWAY/OFC Lightcloud Office Gateway Manual DRAFT

*Cover*

LCGATEWAY/OFC  
Installation Guide

Office Gateway  
Manual

*Page 2*

Welcome to lighting control that just works.

Lightcloud is a wireless, cloud-based lighting control system that's incredibly easy to install. There's no networking or complicated dip switches. Just wire the devices for power and let us know what was installed.

*Page 3*

Table of Contents

- Contents
- Device Specifications
- System Overview
- Office Gateway
- Installation
  - Position the Office Gateway
  - Record the Gateway's Device ID
  - Install Gateway
  - Install and Document Other Lightcloud Devices
  - Submit Device Information
  - Installation Complete

*Page 4*

Contents

- Office Gateway
- Power Cord
- Mounting Bracket
- Mounting Screws x2
- Device ID Labels
- Device Table
- Manual
- Panel Sticker

[Part Illustrations]

## *Page 5*

### Device Specifications

Part Number: LCGATEWAY/OFC

Operating Temperature: ?? - 40°C

Relative Humidity:

Storage and Transportation Temperature:

Dimensions: 4.97" x 4.97" x 1.5"

AC Power Input: Only use with provided power cord.

Voltage Input: 120 VAC, 50/60Hz

Power Consumption: 60 mA

(Copyright, FCC, UL markings)

## *Page 6*

### System Overview

Lightcloud is a wireless, networked lighting control system that enables near limitless control over lighting. Lightcloud can be accessed from nearly anywhere and any device by logging in to [control.lightcloud.com](http://control.lightcloud.com).

Lightcloud comes with 10 years of unlimited support, so feel free to contact us if you have any questions at 1 (844) LIGHTCLOUD.

## *Page 7*

### Office Gateway

The Lightcloud Office Gateway serves two main functions:

1. On-Site Coordination of Devices. The Gateway acts as an on-site brain for up to 100 devices.
2. Off-Site Coordination with Lightcloud. The Gateway communicates with the Lightcloud cloud for complete control of your system from anywhere.

An unlimited number of Gateways can be used for wireless control of any size Site.

## *Page 8*

### Installation

## Step One

### Position the Gateway

#### a. Avoid Problem Materials and Devices.

Don't place the Gateway in a metal enclosure, thick concrete or brick rooms. Also don't place the Gateway near microwaves, elevator rooms, amplifiers, or other antennas.

[Problem Materials diagram]

[Problem Devices & Signals diagram]

## Page 9

#### b. Choose a location that is as close to as many other Lightcloud devices as possible.

[Mesh diagram but with Office Gateway drawing at center]

\*All of the devices don't have to be within a 100' of the Office Gateway, but it's ideal to have as many within direct range as possible.

#### c. Test the connection

Plug in the Gateway to ethernet and power and check the [LED TBD]

[LED Diagram TBD]

## Page 10

## Step Two

### Record the Gateway's Device ID

Each Lightcloud device has a unique Device ID for identification that needs to be documented. To document the Device IDs, use one of the following 3 methods.

#### a. LC Installer App - Free

Scan Device ID's and send information to RAB

Download: [lightcloud.com/lcinstaller](https://lightcloud.com/lcinstaller) (Available for iOS and Android)

[LC Installer Diagram]

#### b. Device Table - Included with the Gateway

Attach Device ID stickers to Device Table and complete information. Send detailed photos of completed device table to [support@lightcloud.com](mailto:support@lightcloud.com).

Additional Device Tables can be downloaded at [lightcloud.com/devicetable](https://lightcloud.com/devicetable)

[Device Table Diagram]

*Page 11*

#### c. Floor Plan

Attach the Device ID sticker to its location on a floor plan, lighting design, or design schedule. Send detailed photos of completed plans to [support@lightcloud.com](mailto:support@lightcloud.com).

[Floor Plan Diagram]

*Page 12*

#### Step Three

##### Install Gateway

- a. Place Gateway on a surface or mount Gateway to wall using bracket and 2 supplied screws.
- b. Plug in power cable if it was removed.

[Gateway Drawing]

*Page 13*

#### c. Verify System Status

[Copy TBD]

[LED Diagram]

[LED Table TBD]

*Page 14*

#### Step Four

##### Install and Document Other Lightcloud Devices

- a. Follow the Device Manuals to wire the other devices for permanent, unswitched power.
- b. As you wire each device, document their Device IDs using the same method you chose to document the Gateway's Device ID in Step 3.

#### Step Five

##### Submit Device Information

After wiring and organizing all of the devices, submit the device information using the LC Installer App or email photos of the documented device IDs to [support@lightcloud.com](mailto:support@lightcloud.com).

#### Step Six

You're Done! Lightcloud Support will remotely configure the system.

*Page 15*

[FCC Information]