Lightcloud® Best Practices

5 Steps to Installing Lightcloud Blue

1 Install devices <60 ft apart

2 Power on devices

3 Download or open the Lightcloud Blue mobile app

4 Press Add Devices

5 Create Areas and automations for maximum wireless control

Download on the App Store

GET IT ON Google Play

Scalability

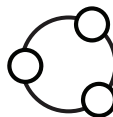**1** Account per user

38,400 devices per Account

64 Sites per Account

600 devices per Site

64 Areas per Site

200 devices per Area

Contact RAB to schedule a pre-construction call
to review best practices for startup and installation.
1 (844) LIGHTCLOUD
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RAB®

Lightcloud® Pro Tips

1. Installation
a. Avoid metal enclosures, RF interference, moisture
b. Avoid installing sensors too close to vents or doorways
c. Use repeaters to extend around obstructions
d. Create an as-build layout or table using device IDs
e. Ranges
   i. Indoor: 60 ft. through standard building materials, 200 ft. clear line of sight
   ii. Outdoor: 60 ft. clear line of sight, 18 ft. around corners

2. Power on Devices
a. All Lightcloud Blue (LCB) devices require constant power to maintain wireless communication.
b. Avoid putting LCB-enabled devices downstream of any electrical component that interrupts power.
   For example, photocells, occupancy sensors, or other switching devices.

3. Rapid Provisioning
a. Only 1 mobile device per Site during device provisioning and configuration.
   Additional devices accessing the same Site simultaneously could cause Site corruption.
b. Any device that is powered on during Rapid Provisioning is available to pair.
   Be sure to only pair in groups of ≤100 devices; power off all other devices.
c. Pair room by room or circuit by circuit. Alternatively, install devices in smaller groups and pair during installation.
d. When pairing multiple LCB dimmers, pull the Power Cutoff Switch on dimmers until you're ready to pair the device(s) in that Area.
e. Battery-operated devices need to **wake up** before pairing.

4. Configure Settings
a. Battery-operated devices need to **wake up** to configure. They do not get moved to an Area, they get assigned in the device settings.
b. Sensors must be moved into an Area to specify settings.
c. Use Subgroups to maximize Areas for applications like warehouse aisles or conference rooms.
d. When creating Scenes or Schedules, add Areas or Lights before configuring settings.
e. Access RGB color options by selecting the > icon to the right of the CCT slider bar.
f. The Nano is a global device that can manage Schedules for the entire Site and up to 16 Areas for SmartShift or smart speaker integration.

5. Sensor Settings
a. Once paired, sensors are disabled.
b. Adjust sensitivity or disable select sensors if lights never turn off.
c. Select the right Action: 'Turn On' turns lights back on at their last known setting.
   'On at Dim Level' turns lights on at a specified dim level regardless of the last setting.
d. Standby Time & Dim level offer bi-level dimming. Example, no motion after 10 minutes lights dim to 50% after 5 minutes dim to 10%.
e. Sensors will always take priority over all other automations.

6. Daylight Sensing
a. Threshold Sensing – When enabled, the user can set a threshold setting.
   When motion is initially detected, the lights will turn on or stay off based on the threshold setting.
b. Dimming – When enabled, the user can specific high- and low-end dim levels for lights to continuously adjust throughout the day based on incoming daylight and electric light.

7. Firmware Updates
a. Occur over Bluetooth from the LCB app, no internet required.
b. Updates available per device or in groups
c. Mobile device must be within <30 feet of the LCB device during update
d. Updates take up to 90 seconds per device depending on the model of the mobile device.
e. Updates may not always be required; LCB devices will continue to work as originally programmed.