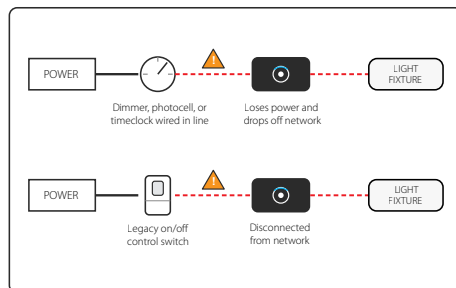


Constant Power

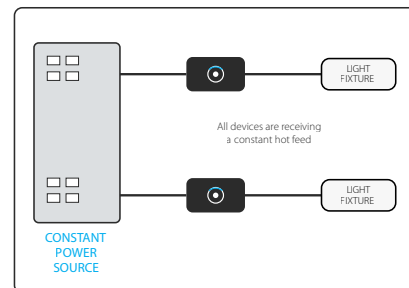
All Lightcloud Blue lights and devices should be wired to a constant hot feed for wireless communication. Remove any existing lighting controls or load switching devices (*i.e. dimmer, photocell, timeclock*) and replace with Lightcloud Blue hardware or features.

Note: Lightcloud Blue integrated fixtures don't need extra controllers between fixture and power feed — additional controllers can instead serve as repeaters or range extenders.

✗ DON'T



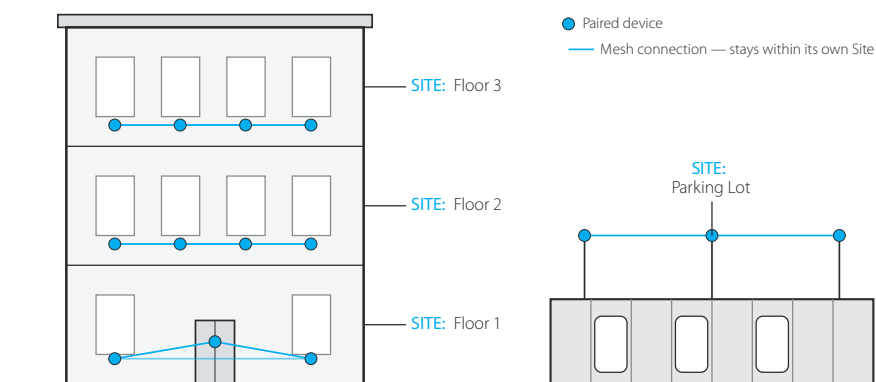
✓ DO



Create a Reliable Mesh Network

Mesh networks communicate within the same Site. The more devices paired to a Site that are spaced throughout a single location, the slower the app becomes. Create separate Sites when possible (*i.e. indoor/outdoor*).

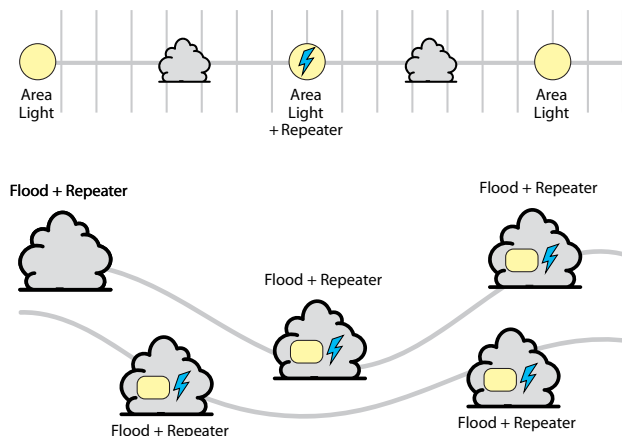
Note: Devices should mesh with multiple neighbors to create redundancy — if one device goes offline, the others remain connected and unaffected.



Keep Devices Within Range

Lightcloud Blue devices should stay within their specified range (~60 ft) to communicate within the Bluetooth Mesh network. Brick, concrete, steel construction, or heavy vegetation may block the signal. Add devices to extend the mesh around corners or obstructions.

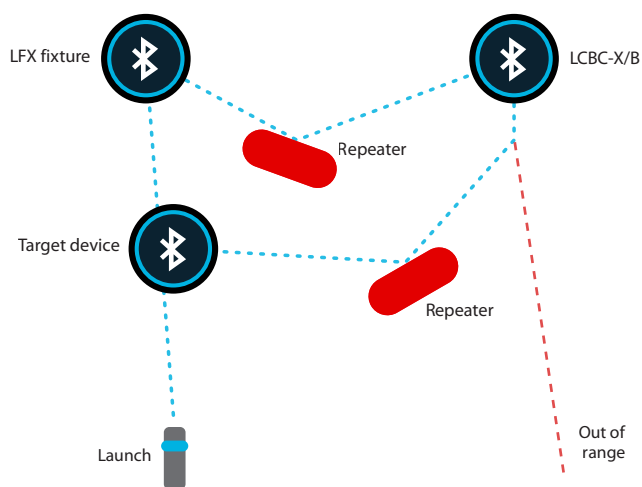
Note: Some fixtures offer longer range — check the spec sheet. LCBC-X Controllers are tested to 200 ft clear line of sight, 120 ft around corners.



Adding Repeaters and Range Extenders

The Bluetooth signal is like a pinball — once launched, it travels in a straight line looking for the next device to bounce to. Add repeaters like flippers, which direct the signal exactly where it needs to go.

Note: Any Lightcloud Blue device receiving constant power acts as a repeater. Standalone LCBC-X Controllers can be added where a Lightcloud Blue fixture doesn't already exist.



Check for Firmware Updates

Devices on the latest firmware unlock the newest Lightcloud Blue features. Update the mobile app first, then update device firmware. Keep the mobile device within ~30 ft. of the Lightcloud Blue device throughout the update.



Add the Nano for Outdoor Automations

A Nano replaces existing timeclocks and enables Schedules, SmartShift, Demand Response, and Remote Access. One Nano manages timekeeping for an entire Site, or up to 16 Areas for other features. It must stay within ~60 ft. of a Lightcloud Blue device to communicate.

