



## Dongguan Qiangde Electronics Technology LSC3 Lightstream Controller User Guide

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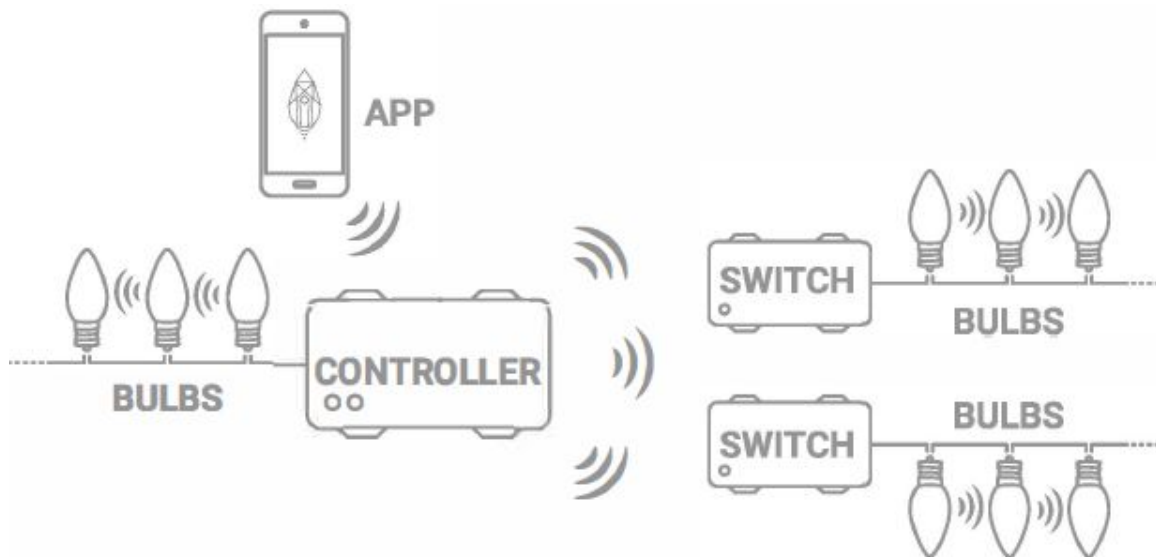
**Dongguan Qiangde Electronics Technology LSC3 Lightstream Controller**



## HOW IT WORKS

### How Light Stream™ Communicates

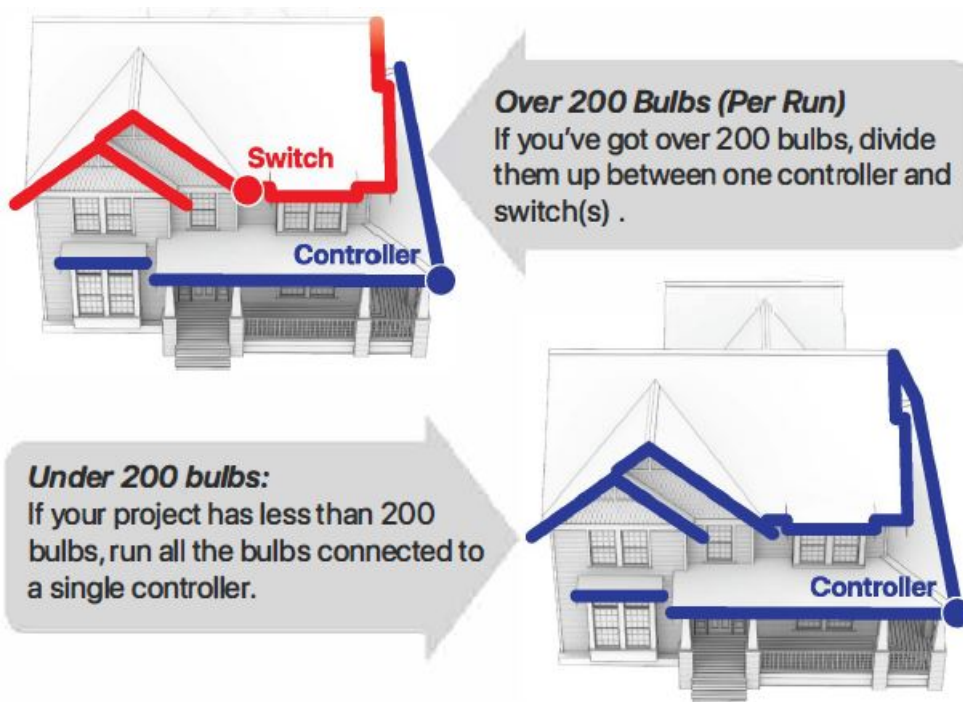
The Light Stream™ app transmits commands to the Controller via a wireless connection to your phone or device. The Controller saves these commands, then relays them wirelessly to any paired bulbs and Switches. Bulbs also relay information to other bulbs. The Controller and Switch [s] also control power to their attached bulbs, which is essential for correct operation. Bulbs must be directly connected to a controller or paired switch for correct operation.



## LAYOUT

### Layout Controllers & Switches

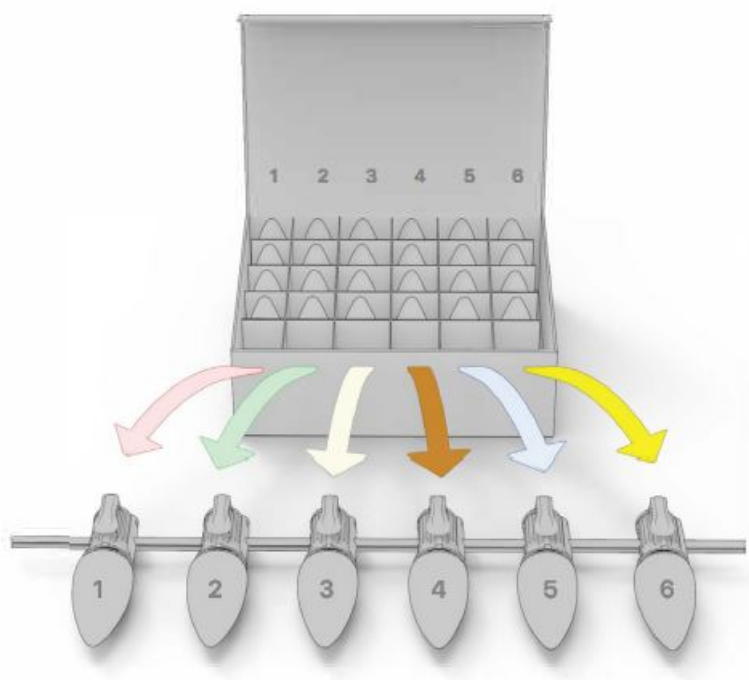
You can have up to 200 bulbs on one controller or Switch. If more bulbs are needed, add additional Switches.



## BULBS

### Keep them in order!

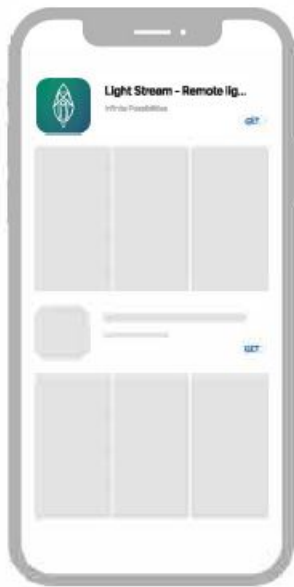
Light Stream™ bulbs are preassigned channels that allow for custom color themes to be created. Always install them onto your socketed E12 wire in sequential order.



## GET THE APP

### Download the VLC Light Stream™ app

The VLC Light Stream™ app can be found in the iTunes app store for Apple products or Google Play Store for Android devices.



Do not download the original  
Light Stream "Remote Lights" app

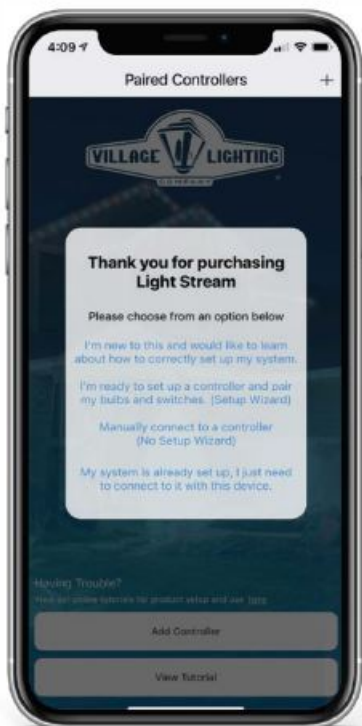
### When using the App:

1. Make sure to **ALLOW** all requested permissions
2. Always stay within **10 feet** of the Controller
3. **Never** interrupt the app when app is synchronizing data with the controller

### APP PAIRING:

#### Pair the controller to your phone

Turn your smartphone's wireless functions on, plug in your controller, and launch the latest version of the Light Stream™ app. You may manually pair your Controller, Switches and Bulbs separately, or use the Setup Wizard\*



#### To Connect to a Controller Manually:

1. Select the Add Controller button or the + icon to pair a new controller.
2. Scan the QR code on the back of the controller or enter the controller ID manually (ID Found under the QR Code)
3. Give your controller a memorable name.



### DEVICE PAIRING

#### Power up and pair devices

Plug in all your bulbs, controller and switch(s). Open the app and navigate to the controller home page. Next, go to Manage Devices> Pair Switches to begin Pairing the Switches. You can pair multiple Switches at once. Always follow the directions when pairing and always keep close to the controller when using the app.



## **BULBS: PAIRING**

### **Manage Devices > Pair Bulbs**

Make sure all bulbs are connected to a paired Controller or Switch(s), then begin the process. Complete the process when all bulbs have turned green. Bulbs connected to switches will begin pairing slightly after the bulbs connected to the controller.



### **LS2 vs LS3 Bulbs:**

**LS2 Bulbs (2018)** If you're setting up a controller for bulbs purchased prior to 2018, follow instructions on-line for LS2 setup. <https://villagelighting.com/blogs/light-stream#faq> **LS3 Bulbs (2019+)** Your controller will automatically be set up for bulbs purchased later than 2019.

## **APP HOME PAGE**

### **Controller Home Page**

From the controller page, you can access all the functionality of the Light Stream™ system. You may also change themes and activate the schedule using the buttons at the top of the screen.



## How to operate the power selector

Move the slider to the desired position to activate your lights.



Lights On: All lights will be on



Lights Off: All lights will be off

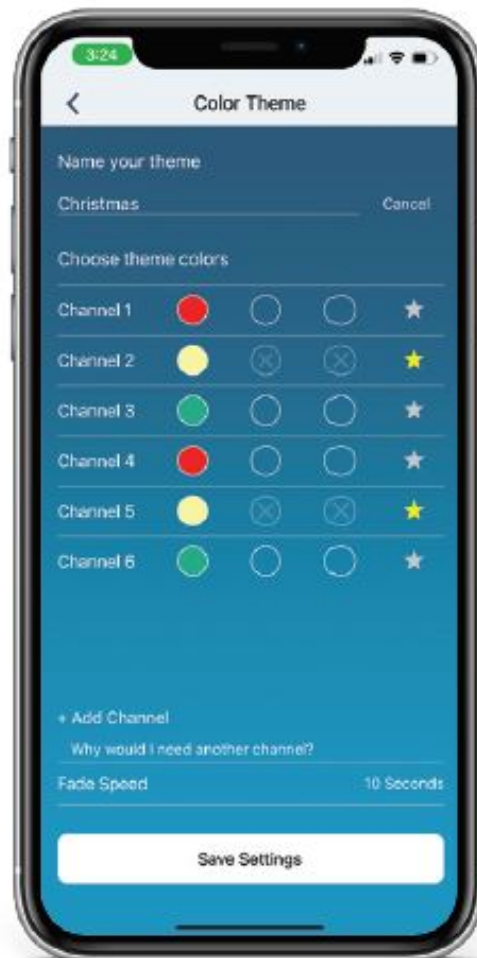


Schedule On: All lights will follow a schedule

## APP: THEMES

### How to make a Theme

Time to get creative! Themes can feature fades, twinkles and multiple color patterns. Navigate to your Controller Menu > Themes and Colors.



1. Select the + icon to create a new theme and give your theme a name.
2. Select a color(s) for each bulb channel. You can have up to three colors for each channel. If you choose more than one color per channel, colors will automatically fade.
3. Choose a fade speed. This is how fast the bulbs will change color. Want a twinkle effect? Select the star to the



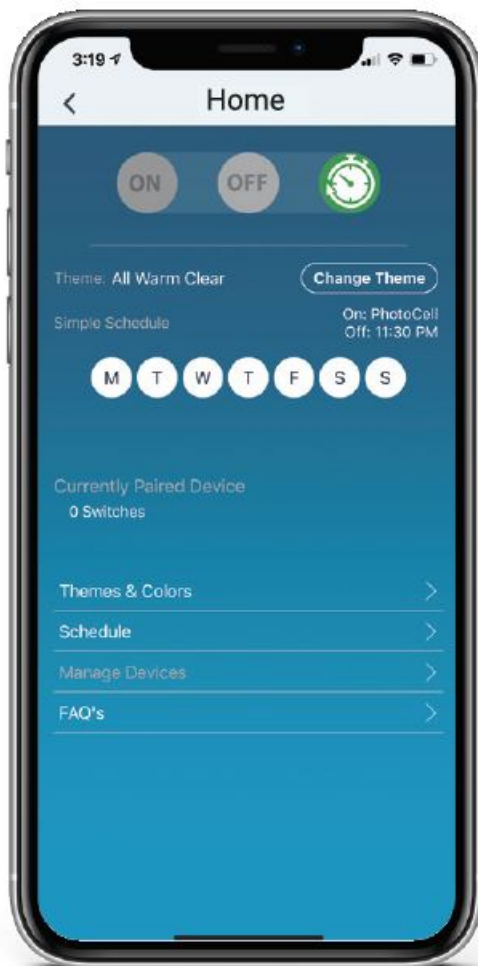
right of the color swatches and choose a color. Each bulb assigned to your chosen channel will randomly twinkle:

4. Finally, Save your Schedule before going back to the controller homepage. Press the paint bucket to select and activate your new theme.

## APP: SCHEDULES

### How to set a Schedule

Utilizing the schedule feature will automate when your lights turn on or off. Select your Controller and navigate to the Schedule page.



1. Choose between a custom or simple schedule type. (Simple: Same theme every day, Custom: Different theme every day)
2. Decide on a time for your lights to turn on and off or use the photocell feature.
3. Select the days of the week you want the schedule to run and choose a theme or color. Custom schedules allow for a different theme or color every day.
4. Choose the theme or color you want the lights to be and Save your Schedule.
5. Navigate to the controller homepage and set the power slider to the Schedule On position. only turns lights on at dusk. Requires controller placement with visibility to sunlight.

## BULBS: CHANNELS

### Preassigned channels 1-6

Your bulbs will come separated and color coded by channel. Channels can be re-assigned or changed using the Manage Bulb Channels process in the App. This process should only be done by experienced professionals.



## TROUBLESHOOTING

**App won't connect to controller:** Insure the controller is not already connected to another device (controller status light will be blue-green if curren11y connected). Close and re-open the app and try again. If it still doesn't connect, unplug and plug in the controller, wait 10 seconds, and try again. Make sure the controller status llg ht ls green before making the connection. Witch each attempt, close and re-open the App.

**Controller drops connection with app:** Make sure you're staying within 10 feet of the controller when using app. If the problem persists, exit to the main controller list screen, right swipe the controller name and select 'Re.set". This will reset your controller and clear it of corrupt data that might be causing the crashes.

**WARNING:** This might require closing/reopening the app to connect again and will erase all current themes and schedules. Bulbs light up when send color command, but remain unlit afterward: Bulbs have lost their bulb assignment. Follow the steps online to reset the bulb assignment. Controller seems to be unresponsive: You may have lost the con nec11on with the controller. Exit out of the app and connect to your controller again.

## FCC STATEMEITT

1. This device complies with Part 15 of the FCC Rules. Operation ls subject to1he following two conditions:
  1. This device may not cause harmful interference, end
  2. This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or mo<ffications not expressly approved by the party responsible for compliance could void the users' authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Ru186. These limits are designed to provide reasonable protection against harmful interference in a credential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance With the instructions. may cause harmful interference to radio communications.

## INDICATOR LIGHTS



## Controller

- Green
- Teal
  - Single Flash Pause Green
  - Double Flash Pause Green
  - Triple Flash Pause Green


## Switch

- FlashRed
- Flash Green
- Flicker Red & Green

## Bulbs

- Red
- Green
- Blue
- Controller powered and ready to use
- Phone connected
- Active schedule running
- Switch firmware update in progress
- Firmware update failed
- Fast Flash: Unpaired | low Flash: Paired, but not Connected Successfully paired and ready to use
- Firmware update in progress Ready to be paired. If paired, ready to receive command Successfully paired. If paired, command received
- Channel assignment received.

## Documents / Resources

	<a href="#">Dongguan Qiangde Electronics Technology LSC3 Lightstream Controller</a> [pdf] User Guide LSC3, 2A2CG-LSC3, 2A2CGLSC3, LSC3 Lightstream Controller, Lightstream Controller, Controller
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