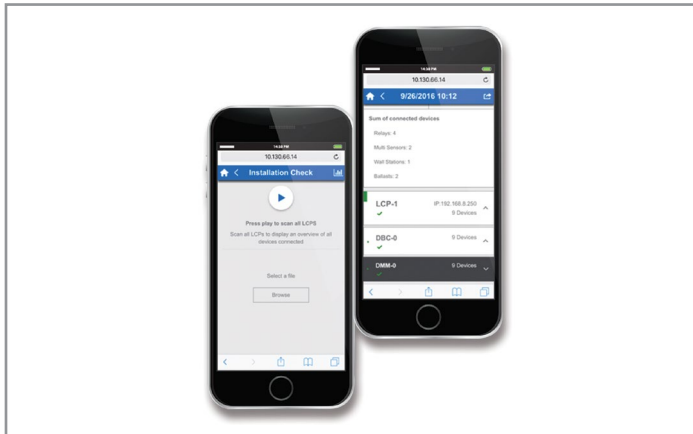


Project		Catalog #		Type	
Prepared by		Notes		Date	



## Fifth Light DALI Installation Checker

Web application that provides a simple way to test the DALI buses, obtain a list of the devices connected to each DALI bus and compare the as-installed configuration to the as-designed

### Typical Applications

Office • Education • Healthcare • Hospitality • Retail

### Interactive Menu

- Order Information page 2
- Additional Resources page 2
- Product Warranty

### Product Certification

Supported web browsers:

- Windows® Internet Explorer: 11+ on Windows OS enabled laptops/tablets
- Google® Chrome: 52; 53 on Windows OS enabled laptops/tablets and Android devices
- Apple® Safari: Safari version shipped with support iOS versions

Supported OS of the device connecting to the local controller:

- Android: Marshmallow (6.0, 6.0.1); Nougat (7.0, 7.1)
- iOS: 9.35; 10.0.2
- Windows: Windows 7; Windows 10

### Product Features



### Top Product Features

- Intuitive User Interface
- As-designed versus as-installed comparison
- Test for unaddressed or mis-addressed devices
- Test for bus overload and network reliability
- No additional hardware required
- The DALI Installation Checker is a web application that provides a simple way for electrical contractors to test the DALI buses, obtain a list of the devices connected to each DALI bus and compare the as-installed configuration to the as-designed.
- The tool will allow electrical contractors to eliminate all DALI wiring deficiencies prior to the arrival of the factory specialist hence ensuring on-time startup of a DALI based lighting system.
- The DALI Installation Checker is hosted on the Fifth Light Local Controller which is located within the Lighting Control Panel. The electrical contractor accesses the application using their mobile devices (laptops, smartphones) after connecting Cooper Lighting Solutions's Commissioning Access Point on one of the Lighting Control Panels.
- Once connected to the Local Controller, the electrical contractor launches the DALI Installation Checker application and simply clicks on the Play button to start the process. That's it!
- The application will automatically discover all the DALI devices connected to the local controller, address all non-addressed devices, start the basic test and generate a report indicating any discovered problems with the DALI devices.
- Optionally, the electrical contractor can compare the list of the devices discovered by the application to the devices listed on the lighting control panel schedule provided by Cooper Lighting Solutions during the submittal phase. The electrical contractor can send the generated report to Cooper Lighting Solutions or 3rd party startup services before scheduling the system startup

## Order Information

The DALI Bus Installation Checker is available at no cost with all Fifth Light Local Controller.

Note: All Local Controllers shipped on January 1st 2016 and onward

## Product Specifications

### Key Features

- **Intuitive User Interface** – The simple interface can be used by untrained electrical contractor to initiate the test. The electrical contractor simply clicks on the play button to start the process. The application will generate a color coded test report that allows the electrical contractor to quickly see if the test has passed or failed. If the test has failed, the electrical contractor can use the report to troubleshoot the issues with the DALI buses.
- **Comprehensive Test** – The application performs the following tests:
- **Unaddressed or mis-addressed devices** – Addressing devices that are unaddressed and automatically resolving the issue with devices that share the same address
- **Bus overload** – identifying buses that are overloaded in terms of number of devices.
- **Network reliability** – Sending consecutive messages to the DALI devices to check for communication reliability.
- **As-designed versus as-installed comparison** – The DALI Bus Installation Checker will ensure that the system is ready for startup by ensuring that the number of devices and device types connected to the DALI buses match the information contained in the Lighting Control Panel excel spreadsheet schedule provided by the system designers. The Electrical Contractor can upload the Lighting Control Panel schedule provided by the system designer into the Checker before starting the process. Any gaps are highlighted in the report. The Electrical Contractor then uses the report to interact with Cooper Lighting Solutions services team or third party startup services and address the differences. The tool will eliminate any deficiencies before system startup. It will allow the startup service specialist to load the preconfigured database and start the system without any loss of time hence allowing on-time sign-off of the system by the commissioning party.
- **No additional hardware required** – The DALI Installation Checker is a software application that is available with all Cooper Lighting Solutions Fifth Light Local Controllers shipped

### Software Specifications

#### Supported web browsers:

- Windows® Internet Explorer: 11+ on Windows OS enabled laptops/tablets
- Google® Chrome: 52; 53 on Windows OS enabled laptops/tablets and Android devices
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#### Supported OS of the device connecting to the local controller:

- Android: Marshmallow (6.0, 6.0.1); Nougat (7.0, 7.1)
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### Warranty

Consult website for warranty information