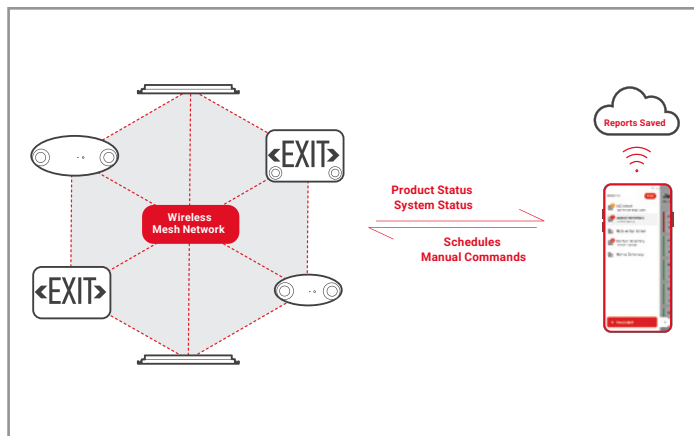


Project		Catalog #		Type	
Prepared by		Notes		Date	



Sure-Lites +

Connected Emergency Lighting for Automated Testing and Reporting

Reduce Compliance Costs
Simplify Testing and Reporting
Schedule System Testing

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing

Interactive Menu

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Top Product Features

- Simplify installation and commissioning with the stand alone system and the app
- Access emergency lighting compliance information as needed
- Collect self-test data with the FirstLink app
- Create reports for record keeping at the touch of a button
- Share compliance information with Code Inspectors and Authorities
- Initiate monthly & annual tests for a fixture, fixture group, or the whole building on demand
- Share access to emergency lighting data with other authorized users
- Make it easy by naming devices, zones, and the building for easy access

FirstLink
Overview Video (YouTube)



bodine.cc/firstlink

Product Specifications

Regulatory

- Listed to UL924 and tested to CSA 22.2 No. 141
- Input CEC Title 20 Compliant or DOE as applicable based on product type

Illumination Time

- 90 Minutes (minimum)

Full Warranty

- 5 Years (NOT pro-rata)

Network Type

- Zigbee Mesh (device to device)
- Bluetooth (device to app)

Wireless range¹

- 40' (typical minimum)
- 80' (line of sight)

Internet Connectivity

- Not required for device to device or device to app communication
- Required for project/data backup to cloud, share projects with other users, and to authenticate users upon login

Device Compatibility

- iOS 16.0 and later
- Android 11 and later

Bluetooth Compatibility

- 5.0 or newer (iPhone 8 or newer)

1 - Wireless range can be impacted by many factors, which must be taken into account during the system design. A more complete discussion can be found in the FirstLink Application Guide.

Technical Data

Application

- FirstLink is a complete and full code-compliant emergency egress lighting system, comprised of the FirstLink application and FirstLink enabled hardware, such as emergency LED drivers, exit signs, combo exit signs, and unit equipment.
- The FirstLink application is available for iOS and Android smart devices, and provides easy and instant access to the status of the emergency lighting system.

Operation

- When AC power fails, the FirstLink connected emergency lighting hardware immediately switches to the emergency mode, providing emergency illumination for a minimum of 90 minutes. When AC power is restored, the hardware automatically returns to the charging mode.
- During automated testing, the hardware simulates an AC power outage, causing it to switch to emergency mode and conduct a discharge test. During this test, the hardware monitors battery voltage and the emergency light source's operation. If a problem is detected, the status indicator light flashes and the error information is stored in the device's internal memory. When testing is complete, the FirstLink hardware returns to the charging mode. Automatic testing occurs each month for 30 seconds and once annually for 90 minutes.
- ABConnect simplifies shipping, storage, installation, and commissioning of the emergency lighting luminaire. It allows for the luminaire to be installed and made ready for use without needing to reopen the luminaire when AC power is available, also avoiding unnecessary drain on the battery. Apply AC mains to activate. Once activated, the product can also be manually disabled by removing power and pressing the test switch for approximately 3 seconds, allowing the product or the luminaire to be safely stored for extended periods of time. In the situation where the user manually deactivates the emergency operation for shipping or storing product via the test switch, the ABConnect feature reactivates power when the driver senses that AC power is reapplied.

Code Compliance

- The FirstLink system hardware complies with Part 15 of the FCC Regulations and meets CEC Title 20 (California Energy Commission) or DOE (Department of Energy) efficiency regulations (depending on the requirements of the product).
- The hardware shall be UL924 Listed for factory or field installation in the USA or Canada.

Specification

- Emergency lighting shall be provided by a combination of [exit signs], [combination exit signs], [unit equipment], and/or [LED luminaires using emergency drivers] equipped with FirstLink connected emergency lighting technology. These emergency lighting devices, with FirstLink technology, shall UL Listed to UL 924 for field installation, be capable of forming a wireless Zigbee mesh network which allows the devices to transmit data and commands between one another, and use Bluetooth connectivity to provide access to the FirstLink hardware with a smart device application, the FirstLink app, compatible with iOS and Android devices.
- The connected emergency lighting system shall contain self-testing/self-diagnostic circuitry, where results can be read by the FirstLink application and processed into a report. Additionally, the FirstLink application allows test schedules to be changed and for products to be manually tested. The FirstLink wireless Zigbee mesh network shall allow test result data to be downloaded from the FirstLink hardware's network by the FirstLink application when the smart device is in proximity to just one emergency device in the mesh. The FirstLink system will also generate system status report for viewing and sharing and allow project data to be uploaded to the cloud for storage and future retrieval.
- The emergency devices should support easy installation and commissioning with ABConnect.

- FirstLink products are warranted for five (5) full years from date of manufacture. Please see detailed warranty information on our website.

Warranty