

Quantum DALI Emergency Ballast Management Software

The Quantum DALI Emergency management software adds the ability to monitor, manage, and test DALI emergency devices that are connected to the Quantum Lighting Control System. This software is an optional module within the Quantum Vue web page that is recommended when using DALI Emergency devices with a Quantum lighting control system.

Configure Testing

Settings

DALI Emergency Tests

Automatically Assign Fixtures to Groups ⓘ All emergency fixtures have been assigned to test groups

Test Schedule & Settings

Function Test ⓘ Weekly

Prolong Time ⓘ 2 minutes (default)

Duration Test ⓘ Annually

Latest Test Results [View Full Report](#) | [Stop All Tests](#)

Group Name	Areas with Fixtures in this Group	Test Type	Recurrence	Last Result	Run Test
DaliEmergencyTestGroup 3	Area 3, Area 2, Area 7, Area 8	Function Test	Every week on Tuesday at 01:00AM	Success	Start Stop
DaliEmergencyTestGroup 5	Area 9	Duration Test	Every year on Tuesday at 01:00AM	--	Start Stop

Job Name:	Model Numbers:
Job Number:	

Features

- The software allows the user to schedule and perform Functional Tests and Duration Tests for all DALI Emergency devices that are part of the system.
 - Functional Test - verifies that the DALI emergency devices are communicating with the system properly, checks for lamp failures and verifies that the battery circuit is functional
 - Duration Test - verifies that the batteries attached to the DALI emergency devices operate within their rated limits
- The user can group the DALI emergency devices into 1 of 7 Emergency Groups.
- The user can define the day of the week that each Emergency Group will be tested.
- The user can schedule Functional Tests to occur Weekly, Bi-Weekly or Monthly. In addition, Functional Tests can be manually initiated at any time.
- The user can schedule Duration Tests to occur Monthly, Quarterly, Bi-Annually or Annually. In addition, Duration Tests can be manually initiated at any time.
- The user can configure the Prolong Time for all DALI Emergency devices in the system. The Prolong Time is the amount of time that the DALI Emergency devices will stay at their emergency light level after an emergency event has ended and normal power has been restored.
- The system software is designed to work with emergency devices that have a maximum battery life of 3 hours. Contact Lutron if the battery life of your fixtures exceeds 3 hours.

Test Report

The screenshot shows the 'Dali Emergency Test Report' interface. At the top, there are navigation links for 'Home', 'Floor', and 'Search'. Below that, there are links for 'Activity Report', 'Settings', and 'Admin'. The main title is 'Dali Emergency Test Report' with 'Export' and 'Stop All Tests' options. A dropdown menu shows 'DaliEmergencyTestGroup 2'. The table below has the following data:

Fixture	Area	Currently	Test	Last Ran	Result	Run Test
3	CBS 3rd Floor\3rd Floor\Blue Purple Open Areas\Blue Hallway	Connected	Function Test	Jan 15, 2019	Battery Failure	[Start] [Stop]
			Duration Test	Jan 7, 2019	Success	[Start] [Stop]

Job Name:	Model Numbers:
Job Number:	

Reported Information

The software will report the following information regarding the DALI Emergency devices:

- Date of last Function Test for each Emergency Group
- Date of last Duration Test for each Emergency Group
- If Duration Test or Function Test is past due for each Emergency Group
- If any problem was identified during a Function Test or Duration Test for each DALI Emergency device

Requirements

- DALI Emergency devices must be connected to the Quantum system through a Lutron DALI Energi Savr Node, model number QSNE-2DAL-D

Notes

- DALI Emergency devices will be turned on and off during Functional and Duration Tests. These devices will not be controllable during the test.

Licenses Required

- One software license needs to be purchased for each processor in the Quantum system.

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