

Fixture Mounted Dali Controller

Model: C-DFM-DA-DF00



Certifications



Installation

Installation is straightforward, with the controller it is directly integrated into the fixture with 1/2" knockout. Upon powering up, the device is ready to join the BubblyNet Mesh network via the BubblyNet App. It integrates into the DALI network, providing immediate functionality with minimal setup.

Specifications

- Power Supply: DALI Bus
- Max Dali. Current Draw: 6mA
- Control Protocol: DALI
- Operating Temperature: 32°F to 104°F (0°C to 40°C, indoor use only)
- Dimensions: 1.3" x 1.4" (32mm x 36mm)

Description

The Fixture Mounted DALI Controller is a cutting-edge device that embeds DALI-2 compliance with onboard luminaires. This device is designed to work seamlessly with DALI LED drivers or luminaires, enabling smart, automated lighting solutions that enhance energy efficiency and occupant comfort in a variety of settings.

Operation

Configurable through any DALI-2 compliant control unit, this controller operates on the DALI bus, allowing for easy and fast setup. It supports autonomous sensor-based control, making it an ideal solution for spaces requiring reliable, automated lighting adjustments based on occupancy and ambient light levels.

Applications

Perfect for applications in open offices, individual offices, conference rooms, classrooms, retail stores, hospitals, and lobbies, where advanced lighting control is needed to ensure energy efficiency and comfort.

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Typical maximum distance:

Outdoor (line of sight): 200ft

Indoor (through building material):

Glass:	100ft
Drywall:	70ft
Cinderblock:	60ft
Brick:	50ft
Concrete + rebar	0ft

For design purposes a 60ft. maximum distance is appropriate for most installations.