

## Fixture Mounted 0-10V Controller

Model: C-TFM-42-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, offering simple and efficient setup.

### 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.

### Specifications

- DC Input Voltage - 12-24VDC
- Max Power Consumption: < 30mA
- DC Output Voltage - 0-10VDC
- 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 0-10V Controller provides an advanced lighting control solution embedded into the luminaire. This device enables significant energy savings and occupant comfort in various indoor applications such as residences, offices, and corridors.

### Operation

The device operates within a Bluetooth Mesh network, allowing for seamless integration and control within the BubblyNet ecosystem. It supports continuous dimming, individual/group addressing, for efficient lighting management.