# DIGITAL LIGHTING MANAGEMENT FIXTURE INTERFACE

**| LMFC-XRJ**

## Models

LMFC-RJ-50-24 KO mounted
LMFC-2RJ snap-in mounted

## Specifications and Features

Cable connectors allow flexible mounting of controller and wiring port in optimal locations

Weight: LMFC-2RJ: 68g
LMFC-RJ-50-24: 50g

Indoor use only

Operating Temperature: 32°F to 158°F (0°C to 70°C)

Operating Humidity: 5% to 95%, noncondensing

UL and cUL listed (E101196)

Five year warranty

## Materials

Polycarbonate, flame retardant
Impact resistant
UV grade
Meets materials restrictions of RoHS

## Product Overview

The LMFC-xRJ Fprovides fixture connectitivity to the DLM local network via a single- or dual-port RJ45 wiring connector. The dual-port is best for daisy chaining multiple fixtures together. Each DLM local network can support up to 64 loads.

## Installing the LMFC-011 in Light Fixture

1. DLM connector options for mounting to the fixture: The LMFC-RJ-50-24 provides a single RJ-45 port, and the LMFC-2RJ provides two RJ-45 ports (Figure 4).

2. The LMFC-RJ-50-24 requires a hole in the fixture for a standard 1/2″ nipple. Mount the LMFC-RJ50-24 to the fixture, securing with the locking nut.

3. For the LMFC-2RJ, see the diagram for the measurements for the hole (Figure 3). The LMFC-2RJ has snap fit tabs to secure it to the fixture.

**NOTE:** Installation shall be in accordance with all applicable regulations, local and NEC codes. Fixture assembly, UL Listing compliance, and Class 1 / Class 2 wiring separation best practices are the responsibility of the fixture OEM and/or installing contractor.
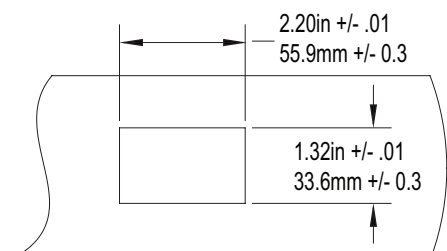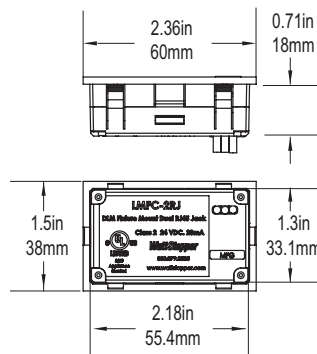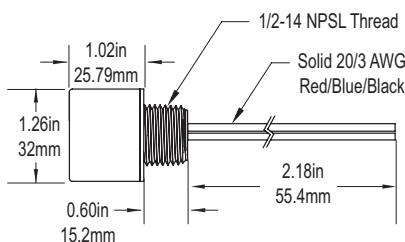


**Figure 1. LMFC-RJ-50-24 Dimensions**
LMRC-RJ-50-24 mounts in 1/2″ KO

**Figure 2. LMFC-2RJ Dimensions**
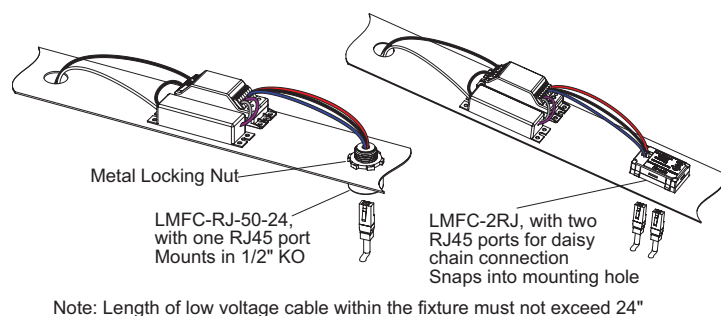
**Figure 3. Cutout Dimensions for LMFC-2RJ**

Metal Locking Nut

LMFC-RJ-50-24, with one RJ45 port Mounts in 1/2" KO

LMFC-2RJ, with two RJ45 ports for daisy chain connection Snaps into mounting hole

Note: Length of low voltage cable within the fixture must not exceed 24"

**Figure 4. LMFC Cable Connectors mounted to fixture**
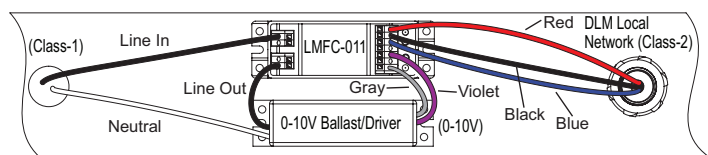


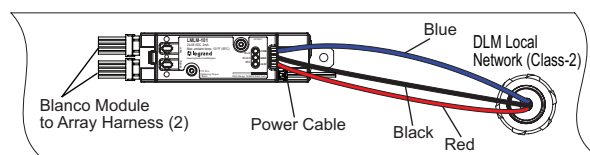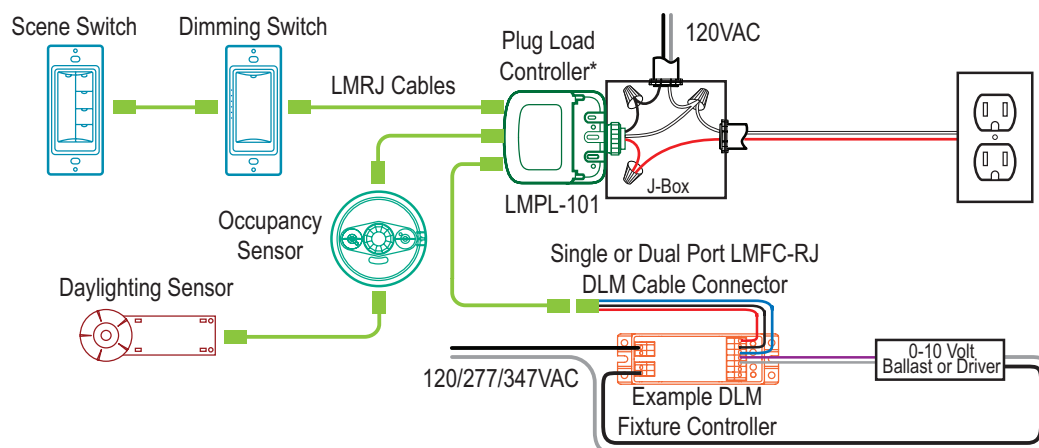**Figure 5. LMFC-011 Wiring Diagram**



**Figure 6. Blanco Module with LMLM-101 Wiring Diagram**

## Sample Digital Lighting Management Connect Connection Diagram



* Each DLM local network must include a Zone Controller, Power Booster, Plug Load Controller, Room Controller or Relay Panel to supply low voltage power

## Ordering Information

| Catalog # | Master Pack Details | | | | | Inner Pack Details | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Master Pack Quantity | Case dimensions (inches) | | | Weight (pounds) | Inner Pack Quantity | Case dimensions (inches) | | | Weight (pounds) |
| | | Length | Width | Height | | | Length | Width | Height | |
| LMFC-RJ-50-24 | 200 | 21.1 | 19.72 | 10.3 | 28.65 | 100 | 20.67 | 9.45 | 9.76 | 13.45 |
| LMFC-2RJ | 200 | 21.1 | 19.72 | 10.3 | 29.36 | 100 | 20.67 | 9.45 | 9.76 | 13.58 |

| Catalog # | Description | Input Voltage | Load Rating |
|---|---|---|---|
| ☐ LMFC-RJ-50-24 | DLM cable connector whip with one RJ45 port and 24˝ leads; fits 1/2˝ KO; white | | |
| ☐ LMFC-2RJ | DLM cable connector whip with two RJ45 ports and 24˝ leads; fits rectangular opening; grey | | |

Bulk packaged products are shipped without individual boxes or installation instructions. Information supplied above is subject to change. Harmonization Code: 8504406001. Country of origin: China.