FIXTURE INTERFACE

LMFC-XRJ

Separate single or dual port RJ45 connector mounts on fixture housing, and provides connectivity to DLM local network

DESCRIPTION

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

OPERATION

The LMFC-xRJ installs into the fixture and provides one or two external RJ45 ports to connect the fixture to the local DLM network.

APPLICATIONS

The LMFC-xRJ is used to connect any DLM- enabled fixture controller to the local DLM network.

FEATURES

- The single RJ45 installs easily into a 1/2″ knockout
- The low profile dual RJ45 port fits into a rectangular cutout Digital Lighting Management components plug together on a free-topology Cat 5e DLM local network

SPECIFICATIONS

- Connection to DLM local network: One RJ45 port (LMFC-RJ-50-24) or two RJ45 ports (LMFC-2RJ) and 24″ leads for connection to terminals on LMFC-011
- Operating conditions: for indoor use only; 32-158°F (0-70°C)
- UL and cUL listed (E101196)
- Five year warranty

PROJECT		LOCATION/ TYPE	

MOUNTING AND WIRING

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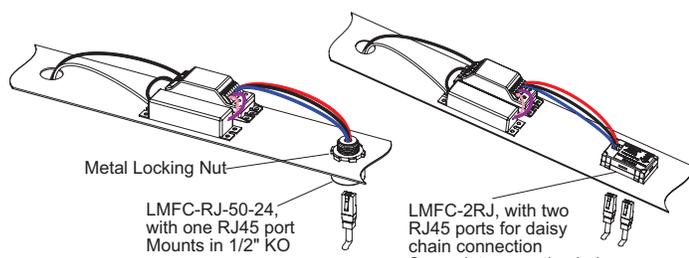
Note: Length of low voltage cable within the fixture must not exceed 24"

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

2.20in +/- .01
55.9mm +/- 0.3

1.32in +/- .01
33.6mm +/- 0.3
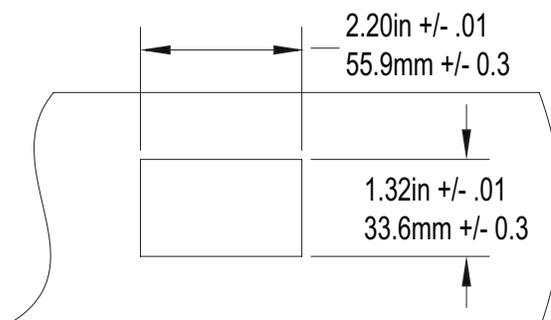
LMFC-RJ2 Hole Dimensions

The LMFC-2RJ has snap fit tabs to secure it to the fixture.

SAMPLE CONNECTION DIAGRAM WITH DIMMING SWITCHES AND PLUG LOAD CONTROL

Scene Switch

Dimming Switch

LMRJ Cables

Plug Load Controller*

120VAC

Occupancy Sensor

LMPL-101

J-Box

Daylighting Sensor

Single or Dual Port LMFC-RJ
DLM Cable Connector

120/277/347VAC

Example DLM Fixture Controller

0-10 Volt Ballast or Driver
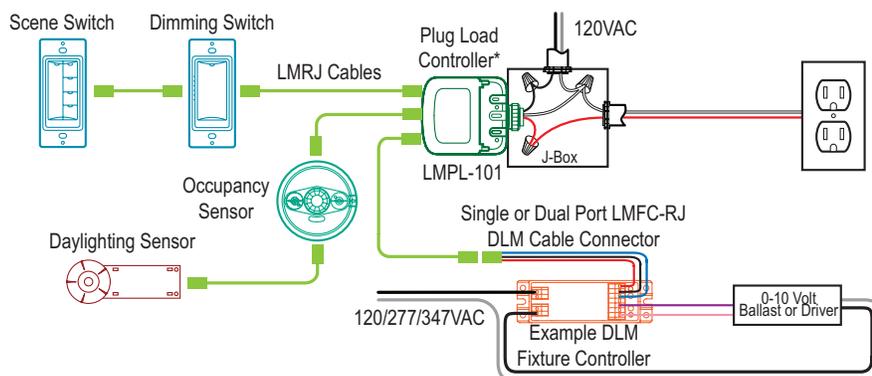
ORDERING INFORMATION

Catalog #	Description
☐ LMFC-RJ-50-24	DLM cable connector whip with one RJ45 port and 24" leads; fits 1/2" KO
☐ LMFC-2RJ	DLM cable connector whip with two RJ45 ports and 24" leads; fits rectangular opening

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