

LMIR-100

Component of Digital Lighting Management integrated control systems



Low profile styling fits in
fixture or blends seamlessly
with any ceiling

Communication LED

The LMIR-100 Digital IR Ceiling Mount Receiver provides an infrared (IR) interface so that Digital Lighting Management (DLM) IR remote controls can be used where DLM sensors or switches are not easily accessible for wireless communication.

The LMIR-100 operates on power from the DLM local network. It uses an infrared transceiver to accept commands from DLM IR remote controls and transmits them over the DLM local network. It is recommended for applications where the wall- and ceiling-mounted IR-enabled DLM devices are not within direct line of sight of the occupant using the IR remote control, or are not close enough to the user.

The diagram illustrates a typical LMRJ system setup. On the left, a 'Switch' (represented by a light switch icon) and an 'Occupancy Sensor' (represented by a circular sensor icon) are connected via 'LMRJ Cables' to a 'Room Controller' (a rectangular unit with a display). The 'Room Controller' is connected to a 'J-Box' (a junction box). The 'J-Box' is connected to 'Line Voltage' (a power source) and 'Loads' (represented by two light bulbs labeled '1' and '2'). A 'LMIR-100 Infrared Receiver' (a small rectangular device) is also connected to the 'J-Box' via a cable.

Catalog #		Description
<input type="checkbox"/>	LMIR-100	IR Ceiling Mount Receiver

- Input voltage: 24VDC from DLM network
- Current consumption: 5mA
- DLM local network connection: 1 RJ45 port
- IR transceiver: 90° window; 32 ft. (10m) range
- Operating conditions: for indoor use only; 32-131°F (0-55°C); 5-95% RH, non-condensing
- UL and cUL listed
- FCC part 15 compliant
- Five year warranty