

RM831 - RM833

Vandal Resistant Fixture

Recessed Ceiling LED

Not for Use in Insulated Ceilings

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DRIVER — Universal Voltage 120/277V Electronic Driver with 0-10V dimming is standard.
- EMERGENCY — Remote or Integral Emergency Battery (LED).
- GASKETING — High temp., non-aging black EPDM and/or neoprene rubber concealed in housing pocket & enclosed by cast-in drip shield & rear wire entrance hole to protect against outside contaminants.
- HOUSING — Heavy wall cast aluminum with wire access on four sides and back through threaded 1/2" conduit size entrance holes. Bronze oven baked Polyester Powder Coat.
- LIGHT ENGINE — Energy Efficient Light Emitting Diode (LED).
- LENS — Drop Square Prismatic (Standard on RM831) or .156" thick K12 Prismatic Polycarbonate (Standard on RM833). Premium Drop Pyramidal lens available for RM831 only.
- LENS FASTENERS — Stainless steel tamperproof screws (4) to secure lens in place.
- MOUNTING HOLES — 4-Point Mount: (4) 5/16" Diameter Holes For 1/4" Diameter Rods.
- REFLECTOR — .032 textured aluminum for high efficiency and reduce arc tube voltage rise.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. Suitable for wet locations. **Made in USA / Buy America Compliant / Buy American Act.**



RM831 Series



RM833 Series



ORDERING INFO

Series	LED Wattage	CCT	Voltage	Finish	Options

ORDERING GUIDE:

SERIES

- RM831 = RM831 - Recessed Drop Square Lens
- RM833 = RM833 - Recessed Flat Lens

LED WATTAGE

- Lumen Efficacy: 150 Lumens Per Watt (Nominal)
- LED10 = 10 Watt LED (Turtle Friendly - 590nm Only)
- LED25 = 25 Watt LED
- LED36 = 36 Watt LED
- LED40 = 40 Watt LED
- LED50 = 50 Watt LED

LED COLOR TEMPERATURE (CCT)

- 3K = ±3000K range LED
- 35K = ±3500K range LED
- 4K = ±4000K range LED
- 5K = ±5000K range LED
- 590nm = 590 Nanometer (Turtle Friendly) — For use with LED10 Only

VOLTAGE

- 347 = 347 Volts
- UNV = Universal Volt (120-277v) Driver
- 2UNV = Two Universal Volt (120-277v) Drivers

FINISH

- BK = Black Finish
- BZ = Bronze Finish (STANDARD)
- PNA = Painted Natural Aluminum
- WH = White Finish
- CC = Custom Color (Visit www.ralcolor.com)

LENS OPTIONS

- 92 = .187" Clear Polycarbonate (RM833 Only)
- OPL = Opal Flat Lens (RM833 Only)
- DP = Premium Drop Pyramidal Lens (RM831 Only) — MoQ Applies (Consult Factory)

CONTROL OPTIONS

Note: See Accessory Options for Required Remote Controller

- OCC = Occupancy Sensing | Motion Sensor Integral[Ⓜ]
 - Microwave / Single Feed / 120/277V Only
 - Standby Dim Level Presets: ON/OFF (0%/100%)
- BLD = Bi-Level Dimming | Motion Sensor Integral[Ⓜ]
 - Microwave / Single Feed / 120/277V Only
 - Standby Dim Level Presets: 10% / 20% / 30% (Standard) / 50%
- BLS = Bi-Level Switching — Using 2 Drivers (2UNV)

DIMMING OPTIONS

- Note: 0-10V 100%-30% is Standard
- D7A = 0-10VDC LED Dimming Driver (100-10%)
- D7B = 0-10VDC LED Dimming Driver (100-1%)

MISC OPTIONS

- FUS = Single Fusing
- DFUS = Double Fusing
- SG = 10KA Surge Protection (ANSI spec C62.41.2)

EMERGENCY / BATTERY OPTIONS Ⓢ Ⓜ Ⓟ

No onsite Emergency Power (AC or DC) is provided

- GTD1 = Generator Transfer Device (Signify)
- GTD2 = Generator Transfer Device (LGTD) — Shunt Relay w/Fire Alarm Override Input

Meets California Energy Commission Title 20: (CEC-400-2014-009-CMF) Efficiency Standards

- EL8W = Integral LED 8 Watt
- EL16W = Integral LED 16 Watt
- REL8W = Remote LED 8 Watt
- REL16W = Remote LED 16 Watt
- REL20W = Remote LED 20 Watt

Cold Weather Emergency Batteries:

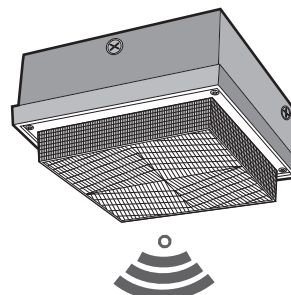
- Operating Temp: -20°C thru 50°C
- NON-CEC Compliant
- EL10W-CW = Integral LED 10 Watt (Cold Weather)
- REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)

- 9002 = Tamperproof Screwdriver
- REMT = Remote Controller for Sensor Options

NOTES:

- ① Consult Factory with requests regarding LED color temp., wattages or voltages not shown.
- Ⓢ Consult Factory for additional Emergency Battery options not shown.
- Ⓜ Max mounting height of fixture with Motion Sensor is 18' feet.
- Ⓟ Max WHIP length provided by the Factory with the REL (LED) is 8 feet
- Ⓠ Due to form and fit, final selection of the Battery Pack under discretion of Factory.



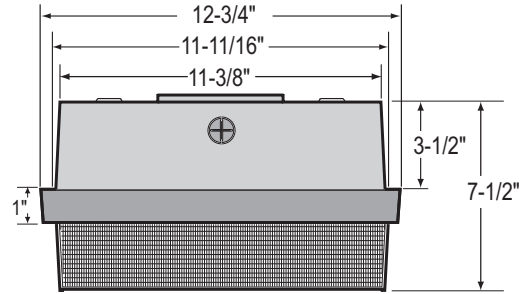
Wireless Remote Control (REMT0008)

For Use with Motion Sensor Options

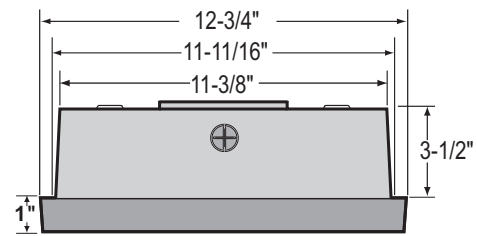
DIMENSIONS



RM831 Series



RM833 Series



OPTIONS



RM833 Featuring LED10-590nm Light/Color Temp Option
(Turtle Friendly Light Source)