CM831 · CM833

Vandal Resistant Fixture
Ceiling/Wall Mount

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DRIVER — Univeral 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 CM831) or .156″ thick K12 Prismatic Polycarbonate (Standard on CM833).
- 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 Bolts. For Backbox (BB) option, Carriage Bolts must be used.
- 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.**

CM831 Series

CM833 Series

MADE IN USA · BUY AMERICA COMPLIANT · BAA

ORDERING INFORMATION

ORDERING GUIDE:

Series	Wattage	CCT	CRI	Voltage	Finish	Options

SERIES
CM831 = Drop Square Lens (12¾″ x 12¾″ x 7½″)
CM833 = Flat Lens (12¾″ x 12¾″ x 4½″)

WATTAGE
Lumen Efficacy: 150 Lumens Per Watt (Nominal)
LED25 = 25 Watt LED
LED36 = 36 Watt LED
LED40 = 40 Watt LED
LED50 = 50 Watt LED

COLOR TEMPERATURE (CCT)
3K = ±3000K range LED
35K = ±3500K range LED
4K = ±4000K range LED
5K = ±5000K range LED

COLOR RENDERING INDEX (CRI)
80CRI = 80 Color Rendering Index (STANDARD)
90CRI = 90 Color Rendering Index (Not Available for 5K)

VOLTAGE
347 = 347 Volts
UNV = Universal Volt (120-277v) Driver

STANDARD FINISH
BK = Black Finish
BZ = Bronze Finish (STANDARD)
PNA = Painted Natural Aluminum
WH = White Finish

PREMIUM UPCHARGE FINISH
CC = Custom Color (Visit **www.ralcolor.com**)

LENS OPTIONS
DS = Drop Square Lens (CM831 Only) - STANDARD
DP = Premium Drop Pyramidal Lens (CM831 Only) - MOQ = 25pcs)
81 = .156″ K12 Prismatic Polycarbonate (CM833 Only) - STANDARD
92 = .187″ Clear Polycarbonate (CM833 Only)
OPL = Opal Flat Lens (CM833 Only)

PHOTOCELL OPTION
9328 = Photocell Button (120/277V)

CONTROL OPTIONS (Choose from Manual or Sensor)
MANUAL CONTROL (Wall Switch or Control System)
Note: Cannot be used with Sensor Controls below
Note: 0-10V (100-30%) Dimming is Standard
D7A = 0-10VDC LED Dimming Driver (100-10%)
D7B = 0-10VDC LED Dimming Driver (100-1%)
BLS = Bi-Level Switching — Using 2 Drivers

OR

Sensor Control (Sensor Integral to Fixture)
Note: Cannot be used with Manual Controls above
Note: See Accessory Options for Required Remote Controller
OCC = Occupancy Sensing | Motion Sensor Integral[20]
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: ON/OFF (0%/100%)
BLD = Bi-Level Dimming | Motion Sensor Integral[20]
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets:
10% / 20% / 30% (Standard) / 50%

MISC OPTIONS
FUS = Single Fusing
DFUS = Double Fusing

EMERGENCY BATTERY OPTIONS [50] [55]
Meets California Energy Commission Title 20:
(CEC-400-2014-009-CMF) Efficiency Standards
EL8W = Integral LED 8 Watt
EL10W = Integral LED 10 Watt
EL16W = Integral LED 16 Watt

REL8W = Remote LED 8 Watt
REL10W = Remote LED 10 Watt
REL16W = Remote LED 16 Watt

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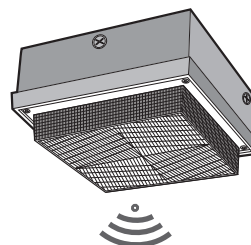
REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)
9002 = Tamperproof Screwdriver
REMT0019 = Remote Controller for Sensor Options

NOTES:
[20] Max mounting height of fixture with Motion Sensor is 18′ feet.
[50] Max WHIP length provided by the Factory with the REL (LED) is 8 feet
[55] Due to form and fit, final selection of the Battery Pack under discretion of Factory.

Wireless Remote Control (REMT00019)

For Use with Motion Sensor Options

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Eclipse Lighting   pg.1
Rev. 10/17/2023

ECLIPSE™ LIGHTING

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Vandal Resistant Fixture
Ceiling/Wall Mount

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DIMENSIONS

CM831 Series

12-3/4"
11-11/16"
11-3/8"
3-1/2"
7-1/2"
1"

CM833 Series

12-3/4"
11-11/16"
11-3/8"
3-1/2"
1"
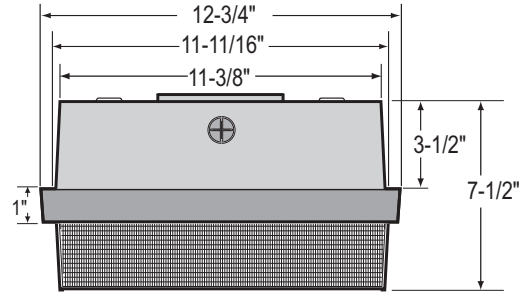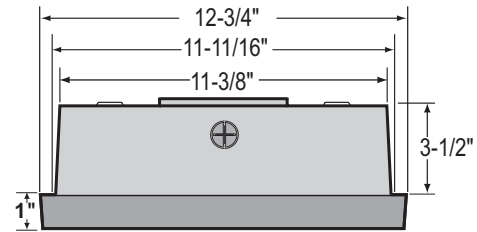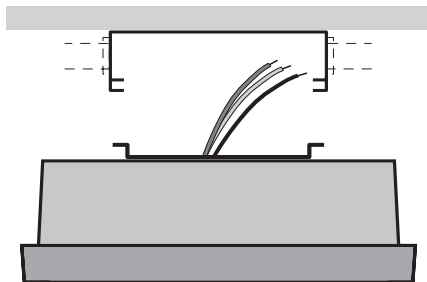
MOUNTING OPTIONS

Optional
Rapid Mount Box (RMB)

MOUNTING DIMENSIONS

5/16" Dia. Holes-(4)

8"

8"
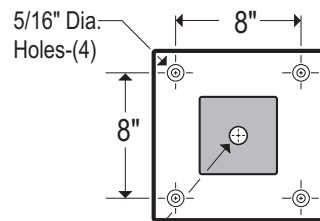
NOTE: (1) 7/8" Diameter Water Tight Knockout In Center Of Back

ECLIPSE™
LIGHTING