

MODEL SERIES



R81 Series - Drop Square Lens
(Standard)



R81 Series - Drop Pyramidal Lens
(Optional)



R83 Series



order example:
R83-LED40-CT4-80CRI-UNV-BZ-BLD

SERIES

- R81 R81 Series - Recessed Mount Drop Square Lens
- R83 R83 Series - Recessed Mount Flat Lens

LED WATTAGE (130lm/W Nominal)

- LED25 25 Watt LED (3250 Lumens)
- LED36 36 Watt LED (4680 Lumens)
- LED40 40 Watt LED (5200 Lumens)
- LED50 50 Watt LED (6500 Lumens)

LED COLOR TEMPERATURE (CCT)

- CT3 ±3000K Color Temp
- CT35 ±3500K Color Temp
- CT4 ±4000K Color Temp
- CT5 ±5000K Color Temp

COLOR RENDERING INDEX (CRI)

- 80CRI 80 Color Rendering Index (STANDARD)
- 90CRI 90 Color Rendering Index (Not Available for 5K)

VOLTAGE

- 347 347 Volts
- UNV 120-277 Universal Volt Driver

STANDARD FINISH

- BZ Bronze (Standard)

PREMIUM UPCHARGE FINISH

- BK Black
- PA Painted Aluminum
- WHT White
- CC Custom Color (Visit www.ralcolor.com)

LENS OPTIONS

- DS Drop Square Lens
– R81 Only / STANDARD
- DP Premium Drop Pyramidal Lens
– R81 Only / MOQ = 25pcs
- D K12 Prismatic Polycarbonate Lens .156" thick
– R83 Only / STANDARD
- J .187" Clear Polycarbonate Lens
– R83 Only
- OPL Opal Flat Lens (R83 Only)

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

- 0-10D1 0-10VDC LED Dimming Driver (100-10%)
- 0-10D2 0-10VDC LED Dimming Driver (100-1%)
- BLS Bi-Level Switching - Uses 2 Drivers (2UNV)

OR

SENSOR CONTROL (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls Above
Note: Motion Sensor Max Mounting Height 18-Feet
Note: See Accessory Options for Required Remote

- OCC Occupancy Sensing | Motion Sensor Integral
– Microwave / Single Feed / 120/277 Only
– Stand-by Dim Level Presets: On/Off (0%/100%)
- BLD Bi-Level Dimming | Motion Sensor Integral
– Microwave / Single Feed / 120/277 Only
– Stand-by DimLevel Presets:
10% / 20% / 30% (Standard) / 50%

MISC OPTIONS

- FUS Fuse and Fuseholder
- FUS2 Double Fusing

Additional Options on PAGE 2

Catalog Number

Project Name & Location

Type

Product 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 R81) or .156" thick K12 Prismatic Polycarbonate (Standard on R83).

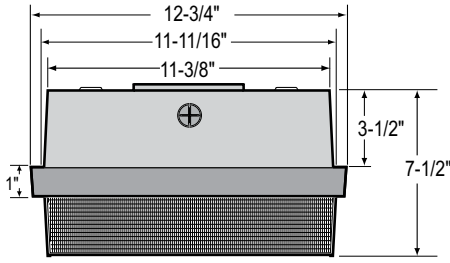
LENS FASTENERS: Stainless steel tamperproof screws (4) to secure lens in place.

MOUNTING HOLES: 4-Point Mount: (4) 5/16" Diameter Holes For 1/4" Diameter Rods.

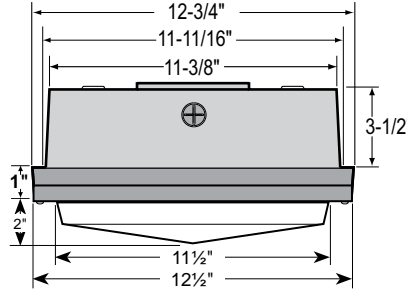
REFLECTOR: .032 textured aluminum for high efficiency and reduce arc tube voltage rise.

COMPLIANCE: Built to comply with U.S. and Canadian safety standards. Suitable for wet locations. **Buy American Act and Build America/Buy America Act compliant.**

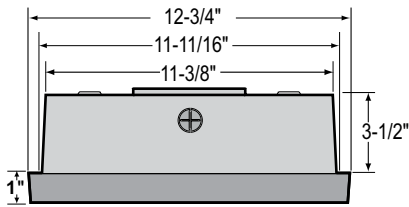
DIMENSIONS



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(Standard)

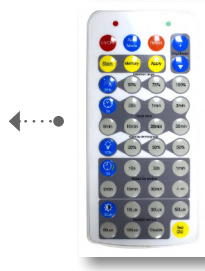
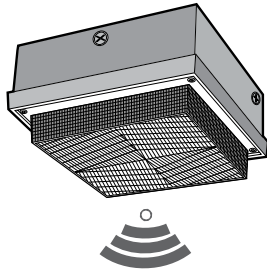


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MOTION SENSOR / REMOTE OPTION



Wireless Remote Control (REMT0009)
For Use with Motion Sensor Options

EMERGENCY BATTERY OPTIONS

- No Onsite Emergency (AC / DC) is Provided
- Emergency Battery Options Meet California Energy Commission Title 20 [CEC-400-2014-009-CMF] Efficiency Standards (Cold Weather is NON-CEC)
- Cold Weather Emergency Batteries Temp Range: -20°C thru 50°C
- Constant Power Batteries have Constant Lumens
- Max Whip Length for REM is 8ft

EM8W	Integral 8 Watt LED
EM10W	Integral 10 Watt LED
EM16W	Integral 16 Watt LED
EM10W-CW	Integral 10 Watt LED - Cold Weather
REM8W	Remote 8 Watt LED
REM10W	Remote 10 Watt LED
REM16W	Remote 16 Watt LED
REM10W-CW	Remote 10 Watt LED - Cold Weather

ACCESSORY OPTIONS

Order As A Separate Line

TPD	Tamperproof Screwdriver
REMT0009	Remote Controller for Sensor Options