

Moon 2

Vandal Resistant Linear Fixture

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DRIVER — Universal volt (120-277v) electronic driver with standard 0-10V low voltage dimming.
- FINISH — All metal parts are 5 stage pre-treated and finished in white polyester powder coat.
- HOUSING — Heavy gauge extruded aluminum with cast aluminum end caps. Includes knockouts for surface conduit and tandem mounting.
- LENS — .130" thick U.V. stabilized "Satinized" Polycarbonate Lens (SPL) is Standard with no LED Striations. Optional Clear Prismatic Polycarbonate Lens (CPR) is available.
- LENS FASTENERS — Recessed Allen set screws to secure lens in place (2) each side (4) total.
- REFLECTOR — Formed aluminum with multiple bends for maximum rigidity and unitized with all electrical components.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards.
Complies with Buy American Act. Suitable For Wet Location Covered Ceiling.



ORDERING INFO

Series	Lens	Wattage	CCT	CRI	Voltage	Finish	Options

ORDERING GUIDE:

SERIES

- MO22 = Moon 2 Series 2-Foot
- MO23 = Moon 2 Series 3-Foot
- MO24 = Moon 2 Series 4-Foot

LENS

- SPL = Satinized Polycarbonate Lens (Standard)
- CPR = Clear Prismatic Polycarbonate Lens

WATTAGE

Note: Refer to Below Chart for Size / Wattage Compatibility
LED(xx) = LED (xx = Wattage, ex: LED50)

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) Electronic Driver

STANDARD FINISH

- WH = White Finish

PREMIUM UPCHARGE FINISH

- BK = Black Finish
- BZ = Bronze Finish
- PNA = Painted Natural Aluminum Finish
- SGR = Silver Gray Finish
- CC = Custom Color (Visit www.ralcolor.com)
— Provide RAL# or Make-to-Match Color Chip

INHIBITOR FINISH

- +NAT = Epoxy Coating for Natatoriums

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%)

OR

Sensor Control (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls above

- OCC = Occupancy Sensing | Motion Sensor Integral²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: ON/OFF (0%/100%)
- BLD = Bi-Level Dimming | Motion Sensor Integral²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets:
10% / 20% / 30% (Standard) / 50%

MISC OPTIONS

- FUS = Single Fusing
- TP = Tamperproof Screws

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 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
- REMT0019 = Remote Controller for Sensor Options

NOTES:

- ²⁰ Max mounting height of fixture is 18' (18 feet)
- ⁵⁰ Max WHIP length of REL is 8 feet.
- ⁵⁵ Final selection of the Battery Pack under discretion of Factory

SIZE / LED WATTAGE

Fixture	MO22	MO23	MO24
Dimensions - W x H x D	29½" x 11½" x 4-5/32"	40" x 11½" x 4-5/32"	53" x 11½" x 4-5/32"
Light Emitting Diode	LED	LED	LED
	20w to 40w (In 5w Increments)	20w to 60w (In 5w Increments)	20w to 75w (In 5w Increments)



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DIMENSIONS

Moon 2 - 3-Foot Dimensions

