

# CM1616S

## Shallow Surface Mount Luminaire Energy Efficient / High Performance LED

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. Features dual driver safety if driver failure, half lumen output. Optional dimming ranges of 10% or 1%, under Dimming Options.
- FINISH** — Oven baked Polyester Powder Coat White Finish is Standard. Optional Natatorium Finish is available for harsh conditions including: chlorine, salt, exhaust fumes.
- GASKETING** — High temperature, non-aging black EPDM and/or neoprene rubber concealed in housing pocket.
- HOUSING** — Formed Aluminum housing.
- LENS** — #93 C73 .156" thick clear, tempered glass lens secured in a gasketed frame.
- LENS FASTENERS** — Stainless steel tamperproof screws (4) to secure lens in place.
- LIGHT ENGINE** — Energy Efficient Super Bright Light Emitting Diode. Conformal Coating for light engines prevents corrosion.
- MOUNTING** — Ceiling Surface Mount is standard.
- COMPLIANCE** — Built to comply with U.S. and Canadian Safety Standards. Suitable for Wet Locations (Covered Ceilings Only). **Made in USA / Buy America Compliant / Buy American Act.**



ORDERING GUIDE:	Series	LED Wattage	CCT	Voltage	Finish	Options

#### SERIES

CM1616S = CM1616 Shallow Ceiling Mount Series

#### LED WATTAGE

- LED40 = 40 Watt LED — 7,200 Lumens
- LED60 = 60 Watt LED — 10,800 Lumens
- LED75 = 75 Watt LED — 13,500 Lumens
- LED90 = 90 Watt LED — 16,100 Lumens
- LED105 = 105 Watt LED — 19,600 Lumens

#### LED COLOR TEMPERATURE (CCT)

- 3K = ±3000K range
- 35K = ±3500K range
- 4K = ±4000K range
- 5K = ±5000K range

#### DRIVER VOLTAGE

- 347 = 347 Volt
- UNV = Universal Voltage (120/277V) Driver
- 2UNV = Two Universal Voltage (120/277V) Drivers

#### FINISH

- BK = Black Finish
- BZ = Bronze Finish
- PNA = PNA Finish
- WH = White Finish
- NAT = Natatorium Finish (Optional)

#### LENS OPTIONS

Note: Up to two lens choices may be made with a maximum thickness requirement of 0.438" (7/16") thick. Example: Lens option 81 with 86 equals maximum total thickness allowed.

- #81 = .156" K12 Prismatic Polycarbonate (Standard)
- #85 = .156" Clear Tempered Glass
- #86 = .250" Clear Polycarbonate
- #92 = .187" Clear Polycarbonate
- #98 = .118" Frosted Polycarb. / Glare Control

#### 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%)

#### CONTROL OPTIONS

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

#### EMERGENCY / BATTERY OPTIONS

No onsite Emergency Power (AC or DC) is provided

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

- 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

REL10W-CW = Remote LED 10 Watt (Cold Weather)

#### NOTES:

- <sup>Ⓜ</sup> Max mounting height of fixture is 18' (18 feet)

### DIMENSIONS

