CM851 Series

High Abuse Surface Fixture
HID, LED

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- BALLAST — For HID Pulse Start is Standard. Universal Driver for LED.
- GASKETING — Silicone Around Inside Perimeter Of Door Frame And Lens Opening To Seal Out Dust And Moisture.
- HOUSING — Heavy Gauge Cold Rolled Steel or Aluminum (AL) Option—Die Formed And Seam Welded Construction
- LAMP — MEDIUM BASE (H.I.D.) or LED.
- LENS — .125" Thick Clear Tempered Glass Lens Is Standard (See Lens Options for Others.)
- LENS FASTENERS — Heavy gauge Aluminum Retaining Angles Attached To Thru Door Studs For Positive Lens Clamping
- REFLECTOR — .032 Specular Aluminum to Optimize Light Output.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. Suitable for wet locations.
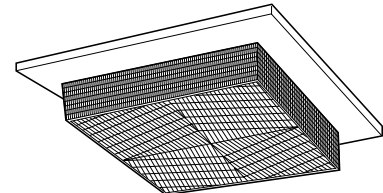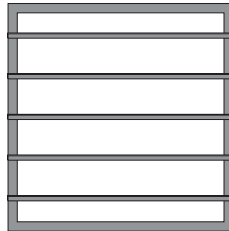

MADE IN USA

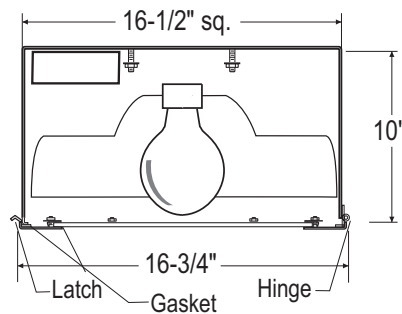*ARRA Compliant*

OPTIONS

Shown with optional Wire Guard

Optional Drop Square Diffuser

DIMENSIONS

16-1/2" sq.

10"

16-3/4"

Latch   Gasket   Hinge

ECLIPSE® LIGHTING

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High Abuse Surface Fixture
HID\ \LED

	LAMP TYPE/QTY/WATTAGE ❶	
	Visit www.eclipselightinginc.com for available IES files	
Fixture		CM851
Dimensions - W x H x D		**16" x 16" x 10½"**
Metal Halide	MH	150/175/200w
Light Emitting Diode	LED	50/90w

ORDERING GUIDE:

Series	Lamp/Qty/Watt	Color Temp	Voltage: Primary/ Emergency	Finish	Options

SERIES
CM851 = CM851 Series

LAMP TYPE/QUANTITY/WATTAGE
Refer to Above Chart

VOLTAGE
120 = 120 Volts EB
277 = 277 Volts EB
347 = 347 Volts EB
480 = 480 Volts (HID)
EBMH = Electronic Ballast for Metal Halide
EBU = Universal Voltage (120-277v)
QV = 120/208/240/277 Volts

FINISH
BK = Black Finish
BZ = Bronze Finish
WH = White Finish (Standard)

LENS OPTIONS
80 = .125 K12 Prismatic Polycarbonate
81 = .156 K12 Prismatic Polycarbonate
92 = .187 Clear Polycarbonate
93 = .156 C73 Prismatic Tempered Glass

OPTIONS
AL = Aluminum Construction
DS = Drop Square Diffuser (Max 150Watt)
FUS = Single Fusing
DFUS = Double Fusing
GTD = Generator Transfer Device (Bodine)
QRS = Quartz Restrike Relay ❺
SS = Stainless Steel Housing and Door
(Consult Factory for Min. Qty.)
SSD = Stainless Steel Door Only
(Consult Factory for Min. Qty.)
TMB = Trunnion Mount Bracket
WG = Wire Guard - extruded aluminum

COLOR TEMPERATURE
3K = ±3000K range LED (120 Initial LPW)
4K = ±4000K range LED (132 Initial LPW)
5K = ±5000K range LED (140 Initial LPW)

LED OPTIONS
BL = Dual Circuit Bi-Level Lighting (High/Low)
D7 = 0-10V low-voltage dimming (100-30%
Standard, Consult Factory for Other)
SG = 10KA Surge Protection for LED fixtures
(meets ANSI spec C62.41.2)

EMERGENCY OPTIONS❸❷
No onsite Emergency Power (AC or DC) is provided
Specify Fixture Voltage: 120V or 277V Power Feed
A=120V or B=277V
LED Emergency Battery
EL61 = Integral: LED 12W, ± 720 Lumens (by Iota)
EL63 = Integral: LED 23W, ± 1290 Lumens (Bodine)
EL67 = Integral; Cold Weather LED 23W,
± 1290 Lms (Iota)
EL82 = Integral; LED 4W (Fulham)—Factory Recom'd
EL85 = Integral; LED 20W (Fulham)—Factory Recom'd
EL88 = Integral; LED 16W (Fulham)—Factory Recom'd

LED EMERGENCY CIRCUIT❸❷
Onsite Generator Power (AC) or Battery Power (DC)
is provided via separate circuit to the fixture
EC1A = (1) 5W LED for Line Voltage **(120VAC)**
EC2A = (1) 5W LED for Line Voltage **(277VAC)**
EC3A = (2) 5W LED for Line Voltage **(120VAC)**
EC4A = (2) 5W LED for Line Voltage **(277VAC)**
EC1D = (1) 5W LED for Low Voltage **(12VDC)**
EC2D = (1) 5W LED for Low Voltage **(24VDC)**
EC3D = (2) 5W LED for Low Voltage **(12VDC)**
EC4D = (2) 5W LED for Low Voltage **(24VDC)**

NOTES:
❶ Consult Factory with requests regarding lamp sources, including LED, color temp., wattages or voltages not shown.
❸ Consult Factory for additional Emergency Battery options not shown.
❺ QRS: 120V Only—DC Bayonet base socket for 70 Watt quartz—Lamp by Others
❷ Consult Factory for other Voltage.
❸❸ Due to form and fit, final selection of the Battery Pack under discretion of Factory