

# MCGRAW-EDISON®



## CLM SQUARE

250 - 1000W

Metal Halide  
Pulse Start Metal Halide  
High Pressure Sodium

ARCHITECTURAL  
AREA LUMINAIRE



In all flat glass configurations.

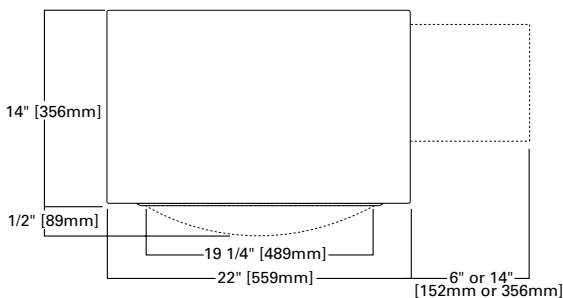
- Formed aluminum housing has interior-welded seams for structural integrity and is finished in premium TGIC polyester powder coat. U.L. listed and CSA certified for wet locations and IP55 rated
- Ballast tray is securely mounted and inter-locked to housing interior for cooler operation and readily removable for ease of maintenance and replacement
- Standard rotatable and interchangeable optics allow for an easy field retrofit with respective sag and flat glass doors for areas with restrictive lighting ordinances
- Formed aluminum door has heavy-duty hinges, captive retaining screws and is finished in premium TGIC polyester powder coat
- Convex tempered glass lens or flat glass
- Standard one-piece extruded EPDM gasket
- Approximate net weight: 79 lbs. (36 kgs.)

### DESCRIPTION

McGraw-Edison's CLM combines classic form and versatility making it an excellent choice for architects, specifiers and contractors in today's energy- and design-conscious environment. The CLM is offered in a variety of mounting options, optical distributions and lamp wattages to provide maximum flexibility in application.

Powered by  
**ECON**  
technology

### DIMENSIONS



### ORDERING INFORMATION

SAMPLE NUMBER: CLM-AM-400-MH-MT-3V-SG-BK-L

<b>Product Family</b> CLM=CLM Square	<b>Lamp Wattage<sup>2</sup></b> 250=250W 320=320W <sup>3</sup> 350=350W <sup>3</sup> 400=400W 450=450W <sup>3</sup> 750=750W <sup>4</sup> 1000=1000W <sup>5</sup>	<b>Lamp Type</b> MH=Metal Halide MP=Pulse Start Metal Halide (CWA) HPS=High Pressure Sodium MPE=ECON™ Electronic Powered Pulse Start Metal Halide <sup>6</sup> MPD=ECON™ Dimmable Electronic Powered Pulse Start Metal Halide <sup>6,7</sup>	<b>Voltage<sup>8</sup></b> 120=120V 208=208V 240=240V 277=277V 480=480V MT=Multi-Tap <sup>9</sup> TT=Triple-Tap <sup>9</sup> E1=Electronic 120-277V <sup>10</sup> E2=Electronic 200-277V	<b>Distribution Horizontal</b> 1F=Type I Formed 2F=Type II Formed 2S=Type II Segmented <sup>11</sup> 3F=Type III Formed 3S=Type III Segmented <sup>11</sup> 4S=Type IV Segmented <sup>11</sup> 5S=Type V Segmented <sup>11</sup> FT=Forward Throw SL=Spill Light Eliminator <sup>12</sup> CA=Cutoff Asymmetric with EHS <b>Vertical</b> AR=Area Round AS=Area Square 3V=Type III Vertical RW=Rectangular Wide <sup>13</sup>	<b>Lens Type</b> FG=Flat Glass SG=Sag Glass	<b>Colors<sup>14</sup></b> (add as suffix/must specify) AP=Grey BK=Black BZ=Bronze WH=White DP=Dark Platinum GM=Graphite Metallic	<b>Options &amp; Accessories</b> (See Below)
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E.P.A. 2.6 (without) 3.1 (with arm)

#### Options<sup>15</sup>

F=Single Fuse (120, 277 or 347V)  
FF=Double Fuse(208, 240 or 480V)  
EM=Quartz Restrike with Delay (Also Strikes at Cold Start)  
Q=Quartz Restrike (Hot Restrike Only)  
R=NEMA Twistlock Photocontrol Receptacle  
HS=House Side Shield<sup>16</sup>  
EHS=External Adjustable House Side Shield  
VS=Vandal Shield<sup>17</sup>  
L=Lamp Included

#### Accessories<sup>18</sup>

MA1061=House Side Shield for CLM (Field Installed)<sup>19</sup>  
OA/RA1016=NEMA Twistlock Photocontrol-Multi-Tap  
OA/RA1027=NEMA Twistlock Photocontrol-480V  
OA1201=NEMA Twistlock Photocontrol-347V  
MA1004XX=14" Arm for Square Pole. 1.0 EPA  
MA1005XX=6" Arm for Square Pole. 0.5 EPA  
MA1006XX=Direct Mount Kit for Square Pole  
MA1007XX=14" Arm for Round Pole. 1.0 EPA  
MA1008XX=6" Arm for Round Pole. 0.5 EPA  
MA1009XX=Direct Mount Kit for Round Pole  
MA1029XX=Wall Mount Bracket with 10" Arm  
MA1010XX=Single-Arm Tenon Adapter for 3 1/2" O.D. Tenon  
MA1011XX=2 @ 180° Tenon Adapter for 3 1/2" O.D. Tenon  
MA1012XX=3 @ 120° Tenon Adapter for 3 1/2" O.D. Tenon  
MA1013XX=4 @ 90° Tenon Adapter for 3 1/2" O.D. Tenon  
MA1014XX=2 @ 90° Tenon Adapter for 3 1/2" O.D. Tenon  
MA1015XX=2 @ 120° Tenon Adapter for 3 1/2" O.D. Tenon  
MA1016XX=3 @ 90° Tenon Adapter for 3 1/2" O.D. Tenon  
MA1017XX=Single-Arm Tenon Adapter for 2 3/8" O.D. Tenon  
MA1018XX=2 @ 180° Tenon Adapter for 2 3/8" O.D. Tenon  
MA1019XX=3 @ 120° Tenon Adapter for 2 3/8" O.D. Tenon  
MA1045XX=4 @ 90° Tenon Adapter for 2 3/8" O.D. Tenon  
MA1048XX=2 @ 90° Tenon Adapter for 2 3/8" O.D. Tenon  
MA1049XX=3 @ 90° Tenon Adapter for 2 3/8" O.D. Tenon

**NOTES:** 1 Arm not included. See Accessories. 2 All lamps are mogul-base. 3 Pulse Start Metal Halide only. 4 750W Pulse Start for vertical mount only. 5 Requires reduced envelope BT-37 lamp on Metal Halide or ED-37 on HPS. 6 Only available in 250-400W Pulse Start Metal Halide and vertical optics. Must specify E1 or E2 voltage. 7 Provides 0-10V DC low voltage, leads used in dimming control. 8 Product also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information. 9 Multi-Tap ballast is 120/208/240/277V wired 277V. Triple-Tap ballast is 120/277/347V wired 347V. 10 250W only. 11 Maximum wattage on segmented optical distributions is 400W. 400W Metal Halide lamp must use reduced envelope ED-28 lamp. 12 Must use reduced envelope ED-28 lamp when using 400W Metal Halide. 13 RW optic not available with sag glass. 14 Other finish colors available, including a full line of RAL color matches. Consult your Cooper Lighting Representative. 15 Add as suffix in the order shown. 16 House side shield available on 2F, 3F, FT, 2S, 3S, 4S distributions only, and all vertically lamped distributions when combined with sag glass. 17 400W Maximum. 18 Order separately, replace XX with color suffix. 19 Compatible with sag lens vertical optics only. 20 Specifications and dimensions subject to change without notice.

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