

Maximum Security Surface Mount Luminaire: MX-SCS1-LED

1x2, 1x4 Surface Clamshell Luminaire With One Window

- Suitable for Maximum Security applications
- Suitable for use in dry and damp locations
- Made in the USA by a Family Owned US Corporation
- 5/10 Year Warranty
- Suitable for surface installation onto walls or covered ceilings.



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ORDERING GUIDE

| Series | Housing | Base Plate | Size | Row Qty | LED Type | CCT/CRI | Voltage | Outside | Inside | Options |
|----------------|-------------------------------------|---------------------|------------------------------|-------------|---------------------|---|----------------------------------|-------------------------------------|------------------------------------|--|
| MX-SCS1 | | | | | LEDR | | | | | |
| Series | Material | | Size | Row Qty | LED Package | | Voltage | LED Lensing | | Options |
| MX-SCS1 | Housing | Base Plate | 1x2: 1' x 2' 1x4: 1' x 4' | 1 2 3 | LED Type | CCT/CRI | UNV: 120-277 VAC 347: 347 VAC | Outside | Inside | EM10 10W Emergency Battery (N/A with 2/ED or 2FT Size) PxL Factory Derating to Lumen Output PxW Factory Derating to Input Wattage 2/ED Wired as 2 Switched Circuits Min 2 Drivers Required DNL Low Lumen Night Light Circuit with Integral Dimmer (N/A with 3 Rows) NL Low Lumen Night Light Circuit (N/A with 3 Rows) 10KV 10KV Parallel Surge Protector FF Fuse & Fuse Holder |
| | 12CW: 12GA CRS WHITE | 12CW: 12GA CRS WHT | | | LEDR | 830 = 80 CRI; 3000K | | 125CFP: 0.125" | 125FA: 0.125" Frosted Flat Acrylic | |
| | 14CW: 14GA CRS WHITE | 14CW: 14GA CRS WHT | | | 835 = 80 CRI; 3500K | 156CFP: 0.156" | | 125PA: 0.125" P12 Prismatic Acrylic | | |
| | Consult factory for other materials | 840 = 80 CRI; 4000K | | | 187CFP: 0.187" | 125PP: 0.125" P12 Prismatic Polycarbonate | | | | |
| | | 850 = 80 CRI; 5000K | | | 250CFP: 0.250" | GH85: 0.125" Flat Glare Suppression Overlay | | | | |
| | | 927 = 90 CRI; 2700K | | | 375CFP: 0.375" | All Clear Flat Polycarbonate | | | | |
| | | 930 = 90 CRI; 3000K | | | 500CFP: 0.500" | | | | | |
| | | 935 = 90 CRI; 3500K | | | | | | | | |
| | | 940 = 90 CRI; 4000K | | | | | | | | |
| | | 950 = 90 CRI; 5000K | | | | | | | | |

Ordering Notes, If Applicable

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SPECIFICATIONS

ONE WINDOW COVER: One piece of material die formed, seam welded, and ground smooth. The cover has a concealed drop slot hinge for supporting the luminaire during servicing and installation.

BASE PLATE: Heavy gauge material with embossments for mounting to rough or uneven surfaces. Designed to resist tampering and hiding of contraband

LENS: Available 1 flat and 1 prismatic lens up to a combined 5/8" thickness. Prismatic lensing is inverted and always on the inner most part of the luminaire. Lensing is mechanically secured with nylock nuts to resist vibrations and repeated impact of time. Lensing held in place with adjustable z bracket with material to match clamshell specification.

WIRECOVER: Covers the power supplies and holds the LEDs. Can be quickly removed for servicing or replacement.

LEDS: Available in 80 or 90 CRI in 3000K, 3500K, 4000K or 5000K CCT. Consult factory for options not listed. Optionally available with a dimmable 90CRI; 2700K Night light with NL option selection. DNL adds an integral dimmer knob inside the fixture to adjust night light brightness for applications where new dimming wires cannot be pulled.

ELECTRONICS: Class P Class 2 power supplies that are dimmable via 0-10v. Optionally available with multi-circuit switching, fuse and fuse holders, and surge protection. Standard power supplies are factory programmable to achieve a specified lumen or wattage requirement by using PxL or PxW option selections. Consult factory for options not listed.

FASTENERS: Standard fasteners provided are stainless steel security grade 10-32 Torx Center Reject screws. A drill bit for the screws is provided with each order. Screws are recessed into embossments on the frames so that they cannot be easily accessed or tampered with. Consult factory for other screw options.

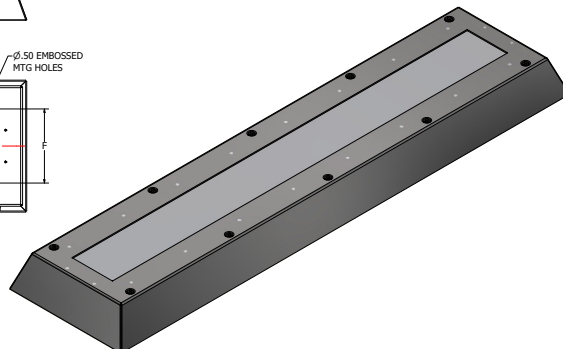
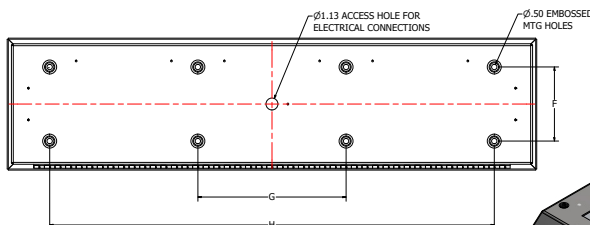
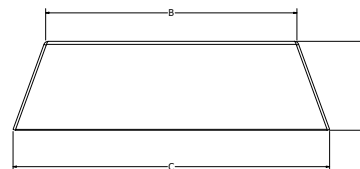
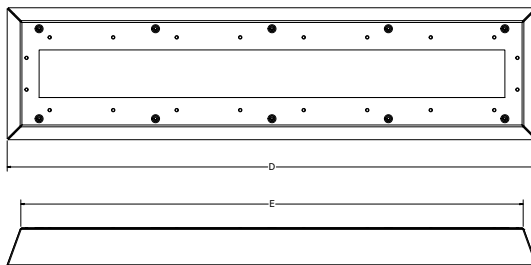
FINISH: Stainless steel clamshell covers are available with a 2B or powdercoated finish. All other materials are provided with gloss high reflectance white polyester powder coat with 1000hr salt spray test per ASTM B117. AMW option provides a white anti-microbial polyester powder coat to all exposed surfaces.

INSTALLATION: Suitable for surface mounting onto walls or covered ceilings. Provided with embossed mounting holes and a removable knockout cover on the back of the fixture for conduit or jbox wiring.

LISTINGS: ETL listed per UL_1598 for Dry and Damp Location. Provided with the KURTZON (5/10) year warranty from the manufacturing date on the electronics and the enclosure. This product is Buy American Act (B.A.A.) compliant.

DIMENSIONAL DATA

| MX-SCS1 PROFILE REFERENCE DIMENSIONS | | | | | | | | |
|--------------------------------------|-------|-------|--------|--------|--------|-------|--------|--------|
| SIZE | A | B | C | D | E | F | G | H |
| MX-SCS1-1X2 | 3.50" | 9.88" | 12.50" | 26.00" | 23.43" | 7.00" | N/A | 20.00" |
| MX-SCS1-1X4 | 3.50" | 9.88" | 12.50" | 50.00" | 47.43" | 7.00" | 14.00" | 42.00" |



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ENERGY DATA

| MX-SCS1 SURFACE MOUNT FIXTURE (APPROX ¹ LUMENS DELIVERED) | | | | | | | |
|--|---------------|-------------|--------|------------------------|--------------------|-----------------------|------------------|
| ENCLOSURE SIZE | LIGHT PACKAGE | LENS OPTION | | 80 CRI (3000K - 5000K) | | | STANDARD DIMMING |
| | | OUTSIDE | INSIDE | LUMENS ¹ | WATTS ² | EFFICACY ³ | |
| MX-SCS1-1X2 | 1LEDR | 125CFP | 125PP | 1,550 | 17 | 91 | 0-10V 5% |
| MX-SCS1-1X2 | 2LEDR | 125CFP | 125PP | 3,110 | 31 | 100 | 0-10V 5% |
| MX-SCS1-1X2 | 3LEDR | 125CFP | 125PP | 4,620 | 43 | 107 | 0-10V 5% |
| MX-SCS1-1X4 | 1LEDR | 125CFP | 125PP | 3,120 | 31 | 101 | 0-10V 5% |
| MX-SCS1-1X4 | 2LEDR | 125CFP | 125PP | 6,220 | 57 | 109 | 0-10V 5% |
| MX-SCS1-1X4 | 3LEDR | 125CFP | 125PP | 9,330 | 84 | 111 | 0-10V 5% |
| All | NIGHTLIGHT | 3 | 0 | 500 | 8 | 67 | 0-10V 5% |