



SM-LED

Maximum Security Surface Mount **LED** Ceiling / Wall

PRODUCT SPECIFICATION

The SM series is designed for ceiling surface mount cell lighting in medium, maximum and super max security detention facilities.

Mounting

Surface mounts to ceiling or wall.

Clamshell Housing

One piece, die-formed cold rolled steel with seams welded and ground smooth, 14 gauge lens retainers and a full length, welded pin piano hinge. Stainless steel available.

Back Plate

16 gauge die-formed cold rolled steel with embossed mounting holes to create a contraband drop slot / irretrievable blade trap.

Internal Lens

Optic Plus lens (standard) completely hides diode image while providing minimum 95% light transmission.

Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

Hardware

Recessed, stainless steel, tamper-proof fasteners.

Driver

0-10Vdc dimming, Range 1%-100%
-40°C Min. starting temperature, >0.9 PF, <20% THD.

Wiring

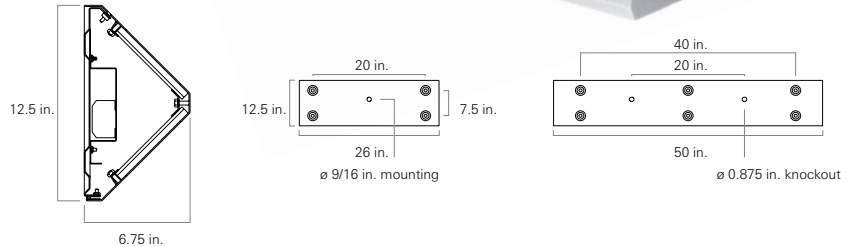
Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____ Date _____



Certifications

UL Listed damp or wet location. IP34 rated. Covered ceilings only.



| | | | | | |
|--------------|--------------------------------------|--------------|---|-----------------|--|
| one | Luminaire Size | seven | Voltage | eleven | Fasteners |
| 2 | 2 ft fixture | 120 | 120 V, 60 Hz | AP | Hardened steel allen head with pin |
| 4 | 4 ft fixture | 277 | 277 V, 60 Hz | TP | Hardened steel torx head with pin |
| | | 347 | 347 V, 60 Hz | PH | Phillips head, non-security |
| two | LED Rows | VAR | Variable, 120-277 V, 50/60Hz | twelve | Electrical Access |
| 1L | One | eight | Driver | A | 2.250 in. diameter access hole |
| 2L | Two | DM | 0-10Vdc Dimming, <u>standard</u> | K | 0.875 in. diameter knockout(s), <u>std</u> |
| 3L | Three | nine | Internal Lens | thirteen | UL Listing |
| three | Color Temperature | 122 | Optic Plus LED diffusing acrylic lens, <u>std</u> | D | Damp Location |
| 30 | 3000K | 53 | .125 in. K12 prismatic acrylic | W | Wet Location |
| 35 | 3500K | 12 | .125 in K12 prismatic polycarbonate | fourteen | Options |
| 40 | 4000K | 15 | .156 in. K12 prismatic polycarbonate | SO | Specified output* |
| 50 | 5000K | 16 | .187 in. K12 prismatic polycarbonate | 2C | Two-circuit wired |
| four | Housing Gauge | 75 | .156 in. C73 prismatic tempered glass | CU | Canadian UL Listing |
| N | 18 gauge, minimum security | ten | External Lens | EM | Emergency battery backup |
| D | 16 gauge, medium security | 30 | .187 in. clear polycarbonate | FH | Fuse and holder |
| X | 14 gauge, maximum security | 32 | .250 in. clear polycarbonate | NL-LED | Night light, LED |
| U | 12 gauge, super max, <u>CRS only</u> | 36 | .375 in. clear polycarbonate | IMS | Integral Occ Sensor |
| five | Housing Material | 38 | .500 in. clear polycarbonate | PS | Security push on/off switch |
| C | Cold rolled steel | 90 | .187 in. clear tempered glass | | |
| S | Stainless steel | 92 | .250 in. clear tempered glass | | |
| six | Finish | 96 | .375 in. clear tempered glass | | |
| R | Brushed stainless steel | | | | |
| W | White | | | | |

* Indicated as SO(xx/xxxx). Specified output, Input watts / delivered lumens to be determined based on specified requirement

Modifications are available to meet custom requirements.