



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 10%-100%
-40°C Min. starting temperature, >0.9 PF, <20% THD.

Wiring

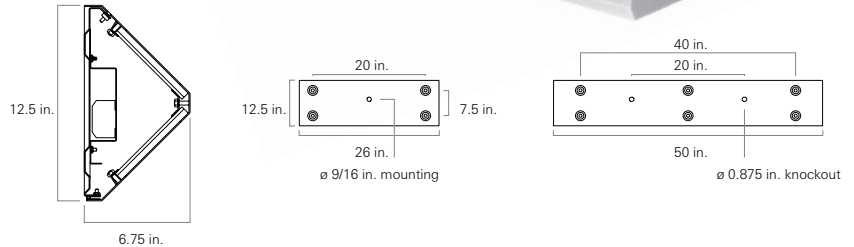
Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____ Date _____



Certifications

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



one Luminaire Size
2 2 ft fixture
4 4 ft fixture

two LED Rows
1L One
2L Two
3L Three

three Color Temperature
35 3500K
40 4000K
50 5000K

four Housing Gauge
N 18 gauge, minimum security
D 16 gauge, medium security
X 14 gauge, maximum security
U 12 gauge, super max, CRS only

five Housing Material
C Cold rolled steel
S Stainless steel

six Finish
R Brushed stainless steel
W White

seven Voltage
120 120 V, 60 Hz
277 277 V, 60 Hz
347 347 V, 60 Hz
VAR Variable, 120-277 V, 50/60Hz

eight Driver
DM 0-10Vdc Dimming, standard

nine Internal Lens
122 Optic Plus LED diffusing acrylic lens, std
53 .125 in. K12 prismatic acrylic
12 .125 in K12 prismatic polycarbonate
15 .156 in. K12 prismatic polycarbonate
16 .187 in. K12 prismatic polycarbonate
75 .156 in. C73 prismatic tempered glass

ten External Lens
30 .187 in. clear polycarbonate
32 .250 in. clear polycarbonate
36 .375 in. clear polycarbonate
38 .500 in. clear polycarbonate
90 .187 in. clear tempered glass
92 .250 in. clear tempered glass
96 .375 in. clear tempered glass

eleven Fasteners
AP Hardened steel allen head with pin
TP Hardened steel torx head with pin
PH Phillips head, non-security

twelve Electrical Access
A 2.250 in. diameter access hole
K 0.875 in. diameter knockout(s), std

thirteen UL Listing
D Damp Location
W Wet Location

fourteen Options
SO Specified output*
2C Two-circuit wired
CU Canadian UL Listing
EM Emergency battery backup
FH Fuse and holder
NL-LED Night light, LED
IMS Integral Occ Sensor
PS Security push on/off switch

* 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.