SJ-LED

Maximum Security Surface Mount **LED** Wall

PRODUCT SPECIFICATION

Job Name

Fixture Type

Catalog No.

Approval Date

The SJ series is designed for wall mount direct / indirect lighting in behavioral health units and medium, maximum and super max security detention facility cells. Anti-ligature for patient safety.

Mounting
Surface mounts to 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.

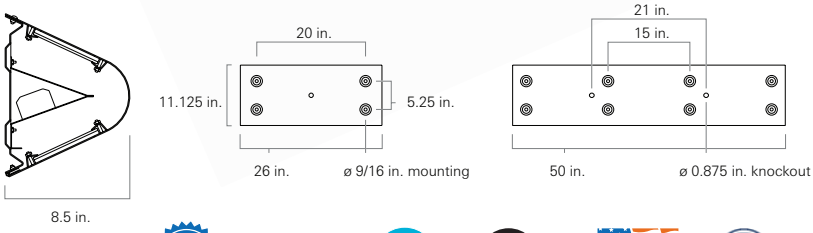
Finish
Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

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.

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



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one two three four five six seven eight nine ten eleven twelve thirteen fourteen fifteen

one — Luminaire Size
- 2 — 2 ft fixture
- 4 — 4 ft fixture

two — Uplight LED Rows
- 1L — One
- 2L — Two

three — Downlight LED Rows
- 1L — One
- 2L — Two

four — Color Temperature
- 30 — 3000K
- 35 — 3500K
- 40 — 4000K
- 50 — 5000K

five — Housing Gauge
- N — 18 gauge, minimum security
- D — 16 gauge, medium security
- X — 14 gauge, maximum security

six — Housing Material
- C — Cold rolled steel
- S — Stainless steel

seven — Finish
- R — Brushed stainless steel
- W — White

eight — Voltage
- 120 — 120 V, 60 Hz
- 277 — 277 V, 60 Hz
- VAR — Variable, 120-277 V, 50/60Hz

nine — Driver
- DM — 0-10Vdc Dimming, standard

ten — 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

eleven — 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

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

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

fourteen — UL Listing
- D — Damp Location
- W — Wet Location

fifteen — 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 requirements

Lumen Data / 2-ft Row	Lumen Data / 4-ft Row
2585 lumens at 28 watts per row	5175 lumens at 57 watts per row

Modifications are available to meet custom requirements.