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 psych wards and medium, maximum and super max security detention facility cells.

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.

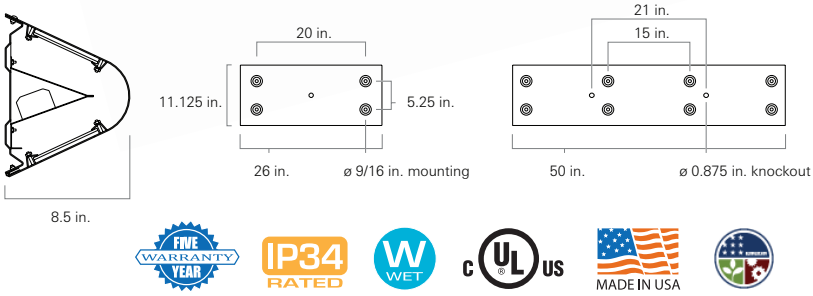
Finish
Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

Hardware
Recessed, stainless steel, tamper-proof fasteners.

Driver
0-10Vdc dimming, Range 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.

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



FIVE YEAR WARRANTY · IP34 RATED · WET · c UL us · MADE IN USA

SJ [ ] - [ ] / [ ] [ ] - [ ] [ ] [ ] - [ ] [ ] - [ ] / [ ] - [ ] [ ] [ ] - [ ]

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
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
OS	Occupancy 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.