



PRODUCT SPECIFICATION

The SJ series is designed for wall mount direct / indirect lighting in behavioral health units; and medium, maximum, and, super max correctional 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. 304 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 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

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. Included in NYS OMH Patient Safety Standards.

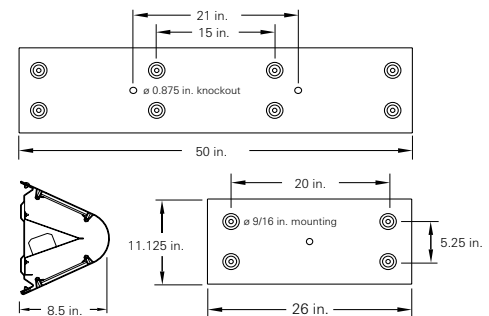
Job Name

Fixture Type

Catalog No.

Approval

Date



one	two	three	four	five	six	seven	eight	nine	ten	eleven	twelve	thirteen	fourteen	fifteen	sixteen
SJ	-	/	-	/	-	-	-	-	DM	-	/	-	-	-	-

one Luminaire Size

- 2 2 ft fixture
- 4 4 ft fixture

two Uplight LED Source*

Refer to the LED Source Table on Page 2 for available options.
00 No uplight

three Downlight LED Source*

Refer to the LED Source Table on Page 2 for available options.
00 No downlight

four Color Temperature

- 30 3000K
- 35 3500K
- 40 4000K
- 50 5000K

five CRI

- 80 80 CRI
- 90 90 CRI

six Housing Gauge

- N 18 gauge, minimum security
- D 16 gauge, medium security
- X 14 gauge, maximum security

seven Housing Material

- C Cold rolled steel
- S Stainless steel

eight Finish

- R Brushed (stainless steel only)
- W White

nine Voltage

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

ten Driver

- DM 0-10Vdc Dimming, standard

eleven Internal Lens

- 122 Optic Plus LED diffusing acrylic, standard
- 130 .125 in. LED diffusing Lexan
- 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

twelve 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

thirteen Fasteners

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

fourteen Electrical Access

- A 2.250 in. diameter access hole
- K 0.875 in. diameter knockout(s), standard

fifteen UL Listing

- D Damp Location
- W Wet Location

sixteen Options

- 2C Two-circuit wired*
- CU Canadian UL Listing
- EM Emergency battery backup
- FH Fuse and holder
- GFCI Duplex GFCI receptacle (L or R)
- IMS Integral Occ Sensor
- NL-LED Night light, LED (Amber available)
5-100% Adjustability
- PS Security push on/off switch
- SBP Stainless steel backplate

*Two-circuit wired required for independant output values.

Modifications are available to meet custom requirements.
Specifications and dimensions are subject to change without notice.

Delivered lumen output calculated using 122 inner lens and 32 (.250" Clear Polycarbonate) outer lens (Highlighted below).

Example Model:
SJ2-1W15/2W40-40/80-DCW-VARDM-122/32-TPKD-2C

L.C. Doane programmable drivers allows us to deliver a specific lumen output. If none of the options in the chart above fit your application, let us know the desired lumen output and we will do the rest. See the example how this will be specified.

XX² = We will provide the wattage information.