



The SC series is designed for use in all levels of correctional facilities, behavioral health units, and high abuse applications. Anti-ligature for patient safety.

Mounting

Surface mounts to corner or wall.

Housing

Die-formed cold rolled steel with seams welded and ground smooth. 304 Stainless steel available.

Door

One piece, die-formed cold rolled steel door with 14 gauge lens retainers and a full length welded pin piano hinge. 304 Stainless steel available.

Internal Lens

Optic Plus lens (standard) completely hides diode image while providing greater than 90% 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

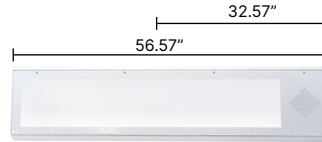
0-10Vdc 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

Wiring

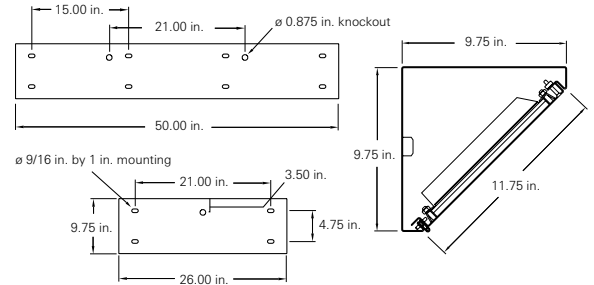
Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Certifications

UL Listed damp or wet location.
IP54 rated. Covered ceilings only.



Speaker Compartment (Optional)
Damp-rated only



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

one Luminaire Size

- 2 2 ft fixture
- 4 4 ft fixture

two LED Source

Refer to the LED Source Table on Page 2 for available options.

three Color Temperature

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

four CRI

- 80 80 CRI
- 90 90 CRI

five Material gauge

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

six Material

- C Cold rolled steel
- S Stainless steel

seven Finish

- R Brushed (stainless steel only)
- W White

eight Voltage

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

nine Driver

- DM 0-10Vdc Dimming, standard

ten 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

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 Door fasteners

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

thirteen Mounting Holes

- D Corner (top and back)
- W Wall (back only)

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 (*N/A with SPK option*)

sixteen Options

- 2C Two-circuit wired
- CU Canadian UL Listing
- EM Emergency battery backup
- FH Fuse and holder
- NL-LED Night light, LED (Amber available)
5-100% Adjustability
- IMS Integral Occ Sensor
- PS Security push on/off switch
- SPK Speaker compartment (*N/A with wet location*)

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

		CRI		LED Life					
		>80		>100,000					
LED Source (Box 2)	3000K		3500K		4000K		5000K		Input Watts
	Delivered Lumens	L/W	Delivered Lumens	L/W	Delivered Lumens	L/W	Delivered Lumens	L/W	
2' Fixture									
1W24	2378	103	2414	105	2485	108	2555	111	23.0
2W45	4372	110	4437	112	4568	115	4696	119	39.6
2W60	5851	107	5939	108	6114	112	6285	115	54.8
4' Fixture									
1W25	2422	109	2459	110	2531	113	2602	117	22.3
1W45	4285	108	4350	110	4478	113	4603	116	39.6
1W60	5735	105	5822	106	5993	109	6161	112	54.8
2W80	7801	109	7918	111	8151	114	8379	117	71.5
2W105	10057	107	10208	109	10509	112	10803	115	93.7
2W120	11472	105	11644	106	11987	109	12323	112	109.6

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

Lens Multiplier - Use the multipliers below to adjust the delivered lumens					
Internal Lens			External Lens		
53	.125 in. K12 prismatic acrylic	1.00	30	.187" Clear polycarbonate	1.02
12	.125 in K12 prismatic polycarbonate	.98	32	.250" Clear Polycarbonate	1.00
15	.156 in. K12 prismatic polycarbonate	.97	36	.375" Clear polycarbonate	.96
16	.187 in. K12 prismatic polycarbonate	.95	38	.500" Clear polycarbonate	.92
122	Optic Plus diffusing acrylic	1.00	90	.187" Clear tempered glass	1.04
90 CRI Multiplier		.83	92	.250" Clear tempered glass	1.03
			96	.375" Clear tempered glass	.99

Specified Output Option

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.

Example Model:

SC-**XX**¹SO-40/80-DCW-VARDM-122/32-(**XX**²/LUMENS)

LUMENS = You provide the lumens.

XX¹ = We will determine the number of rows.

XX² = We will provide the wattage information.