



PRODUCT SPECIFICATION

The SCA 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.

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

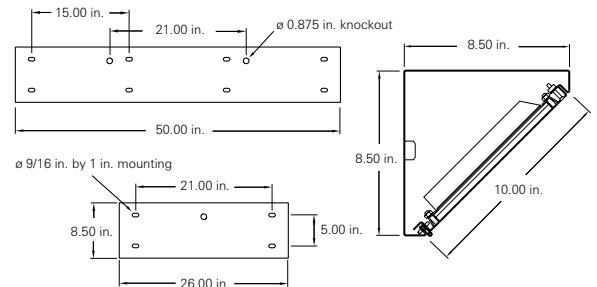
UL Listed damp or wet location.
IP54 rated. Covered ceilings only.

Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____ Date _____



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

one	Luminaire Size	eight	Voltage	thirteen	Mounting
2	2 ft fixture	VAR	Variable, 120-277 V, 50/60Hz	D	Corner mount
4	4 ft fixture	347	347VAC, 60Hz	fourteen	Electrical access
two	LED Source	nine	Driver	A	2.250 in. diameter access hole
	Refer to the LED Source Table on Page 2 for available options.	DM	0-10Vdc Dimming, <u>standard</u>	K	0.875 in. diameter knockout(s), <u>standard</u>
three	Color Temperature	ten	Internal Lens	fifteen	UL Listing
30	3000K	122	Optic Plus LED diffusing acrylic, <u>standard</u>	D	Damp Location
35	3500K	130	.125 in. LED diffusing Lexan	W	Wet Location
40	4000K	53	.125 in. K12 prismatic acrylic	sixteen	Options
50	5000K	12	.125 in. K12 prismatic polycarbonate	2C	Two-circuit wired
four	CRI	15	.156 in. K12 prismatic polycarbonate	CU	Canadian UL Listing
80	80 CRI	16	.187 in. K12 prismatic polycarbonate	EM	Emergency battery backup
90	90 CRI	75	.156 in. C73 prismatic tempered glass	FH	Fuse and holder
five	Material gauge	eleven	External lens	NL-LED	Night light, LED (Amber available) <i>5-100% Adjustability</i>
N	18 gauge, minimum security	30	.187 in. clear polycarbonate	IMS	Integral Occ Sensor
D	16 gauge, medium security	32	.250 in. clear polycarbonate	PS	Security push on/off switch
X	14 gauge, maximum security	36	.375 in. clear polycarbonate	WM	Wall mount (No top holes)
six	Material	38	.500 in. clear polycarbonate		
C	Cold rolled steel	90	.187 in. clear tempered glass		
S	Stainless steel	92	.250 in. clear tempered glass		
seven	Finish	96	.375 in. clear tempered glass		
R	Brushed (stainless steel only)	twelve	Door fasteners		
W	White	AP	Stainless steel allen head with pin		
		TP	Stainless steel torx head with pin		
		PH	Phillips head, non-security		

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

		3000K		3500K		4000K		5000K		
LED Source (Box 2)		Delivered Lumens	L/W	Delivered Lumens	L/W	Delivered Lumens	L/W	Delivered Lumens	L/W	Input Watts
2' Fixture										
1W22		2150	93	2183	95	2247	98	2310	100	23.0
2W41		3953	100	4013	101	4131	104	4247	107	39.6
2W55		5292	97	5372	98	5530	101	5685	104	54.8
4' Fixture										
1W22		2236	100	2269	102	2336	105	2401	108	22.3
1W41		3953	100	4013	101	4131	104	4247	107	39.6
1W55		5292	97	5372	98	5530	101	5685	104	54.8
2W82		7908	100	8027	101	8263	104	8494	107	79.3
2W96		9279	99	9419	101	9696	103	9967	106	93.7
2W110		10583	97	10743	98	11059	101	11369	104	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
75	.156 in. C73 prismatic tempered glass	.97	90	.187" Clear tempered glass	1.04
122	Optic Plus diffusing acrylic	1.00	92	.250" Clear tempered glass	1.03
90 CRI Multiplier		.86	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:

SCA-**XX¹**SO-40/80-DCW-VARDM-122/32-(**XX²**/LUMENS)

LUMENS = You provide the lumens.

XX¹ = We will determine the number of rows.

XX² = We will provide the wattage information.