



The SH series is designed for wall mount direct / indirect cell lighting in medium, maximum and super max security detention facilities.

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. 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 dimming, Range 1%-100%, Factory programmable
-40C 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

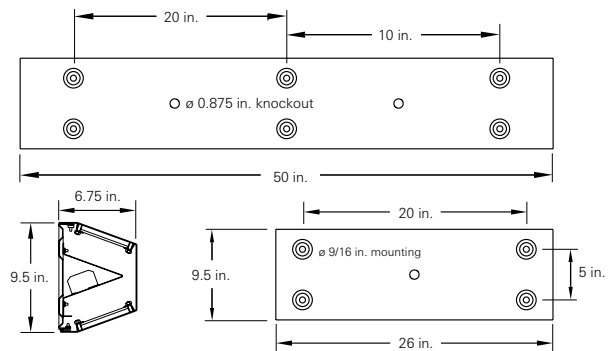
UL Listed damp or wet location. IP34 rated.
Covered ceilings only.

Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____ Date _____



one	two	three	four	five	six	seven	eight	nine	ten	eleven	twelve	thirteen	fourteen	fifteen	sixteen
SH	-	/	-	/	-	-	-	-	DM	-	/	-	-	-	-
one	Luminaire Size				seven	Housing Material				thirteen	Door Fasteners				
2	2 ft fixture				C	Cold rolled steel				AP	Stainless steel allen head with pin				
4	4 ft fixture				S	Stainless steel				TP	Stainless steel torx head with pin				
two	Uplight LED Source*				eight	Finish				PH	Phillips, non-security				
	Refer to the LED Source Table				R	304 Brushed stainless steel				fourteen	Electrical Access				
	on Page 2 for available options.				W	White				A	2.250 in. diameter access hole				
00	No uplight				nine	Voltage				K	0.875 in. diameter knockout(s), <u>standard</u>				
three	Downlight LED Source*				VAR	Variable, 120-277 V, 50/60Hz				fifteen	UL Listing				
	Refer to the LED Source Table				347	347VAC, 60Hz				D	Damp Location				
	on Page 2 for available options.				ten	Driver				W	Wet Location				
00	No downlight				DM	0-10Vdc Dimming, <u>standard</u>				sixteen	Options				
four	Color Temperature				eleven	Internal Lens				2C	Two-circuit wired*				
30	3000K				122	Optic Plus LED diffusing acrylic, <u>standard</u>				CU	Canadian UL Listing				
35	3500K				130	.125 in. LED diffusing Lexan				EM	Emergency battery backup				
40	4000K				53	.125 in. K12 prismatic acrylic				FH	Fuse and holder				
50	5000K				12	.125 in K12 prismatic polycarbonate				IMS	Integral Occ Sensor				
five	CRI				15	.156 in. K12 prismatic polycarbonate				NL-LED	Night light, LED (Amber available)				
80	80 CRI				16	.187 in. K12 prismatic polycarbonate					5-100% Adjustability				
90	90 CRI				75	.156 in. C73 prismatic tempered glass				SBP	Stainless steel backplate				
six	Housing Gauge				twelve	External Lens				PS	Security push on/off switch				
N	18 gauge, minimum security				30	.187 in. clear polycarbonate					*Two-circuit wired required for independant output values.				
D	16 gauge, medium security				32	.250 in. clear polycarbonate									
X	14 gauge, maximum security				36	.375 in. clear polycarbonate									
U	12 gauge, super max, <u>CRS only</u>				38	.500 in. clear polycarbonate									
					90	.187 in. clear tempered glass									
					92	.250 in. clear tempered glass									
					96	.375 in. clear tempered glass									

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:
SH2-1W15/2W40-40/80-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.

Example Model:
SH2-**XX/XX**¹SO-40/80-DCW-VARDM-122/32-TPKD-(**XX**²/**LUMENS**)
LUMENS = You provide the lumens.
XX¹ = We will determine the number of rows.
XX² = We will provide the wattage information.