

STARCLEAN SERIES LED

SCS22/SCS24/SCR22/SCR24

SPECIFICATION FEATURES

HOUSING: 20 gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel options available.

FRAME: Inset and overlapping doorframe available in aluminum, cold rolled steel, and stainless steel. Extruded inset door available in anodized aluminum or white painted aluminum. Frame held to housing via aircraft cable.

LENS: Acrylic lens with smooth side out. Alternate lens options available including Prismatic Polycarbonate and a White Frosted Polycarbonate. Inset (cold rolled steel, stainless steel and .050 alum) and Overlapping frame uses a rail hold down system.

LED: Available in three color temperatures 3500°K, 4000°K and 5000°K. Other color temperatures available, consult factory. 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under options.

FASTENERS: Stainless steel Philips flat head screws with captive cage nuts. Finish to match housing.

FINISH: White antimicrobial powder coat finish following multistage iron phosphate pre-treatment.

GASKET: Closed cell EPDM and closed cell silicone gaskets prevent air contaminations from entering the fixture.

ORDERING INFORMATION

Example: SCR24-HC/OC-L6401C-A-UN



APPLICATIONS: Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more.

MOUNTING: Surface (S) or Recessed (R) installation. Recessed mounting accommodates Grid and Flange installations. Recessed fixtures will be supplied with adjustable swing arms that can be used for Flange applications or taped to the side for Grid applications. Recessed install compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.

LABEL: Fixture is certified to UL standards. Certified IP65, ISO4, and NSF.



SERIES	MOUNTING	SIZE	HOUSING	FRAME	LUMEN OUTPUT*
SC	S = Surface R = Recessed (Grid/Flange)	22 = 2x2 24 = 2x4 *Nominal Size. Dimensional Data on Page 3	HC = 20Ga. CRS Painted HS = 20Ga. SS Brushed HP = 20Ga. SS Painted HA = 16Ga. Alum. Painted	INSET (I) or OVERLAP (O) OC = 18Ga. CRS Painted OS = 18Ga. SS Brushed OP = 18Ga. SS Painted OA = 16Ga. Alum Painted IE = Extruded Alum** IP = Extruded Alum Painted** IC = 20Ga. CRS Painted IA = 16Ga. Alum Painted IB = 20Ga. SS Brushed IS = 20Ga. SS Painted	L2 = Low L4 = Standard L6 = Medium L8 = High *Subject to change. Data on Page 2

* Overlap lens IP66 rated

** Not IP65. N/A with .187 Prismatic Poly. lens

LAMP TYPE	CIRCUITS	LENS	VOLTAGE	OPTIONS
35 = 3500°K 40 = 4000°K 50 = 5000°K	1C = 1 Circuit 2C = 2 Circuits	A = .125 Prismatic Acrylic B = .125 Prismatic Poly. C = .156 Prismatic Poly. D = .187 Prismatic Poly.* E = .125 White Frost Poly. G = .140 DR Acrylic	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	FZ = Fuse* DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range SD2 = Step Dim. Module (50-100%) SD3 = Step Dim. Module (25-50-100%) IP66 = IP66 rating (only with Overlap Frame) FY = Yoke Bracket (Replaces swing arm) EL1 = Emerg. Bat. LED Low (1100-1250 lm) EL2 = Emerg. Bat. LED High (2200-2500 lm) RF = (RIF) Radio Interference Filter* TH = Torx Head screws (with center pin) TM = Tandem Mount** CEL1 = CA Title 24 Emerg. Batt LED Low CEL2 = CA Title 24 Emerg. Bat LED High

* Cannot use with IE or IP

* Cannot use with UN voltage

** Requires joiner bracket. Supplied with fixture.

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SCS22/SCS24/SCR22/SCR24



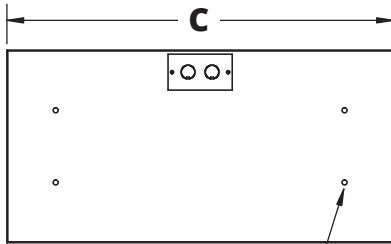
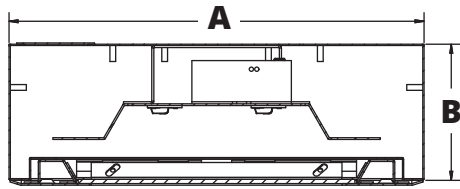
PERFORMANCE DATA*

MODEL	OUTPUT	LAMP TYPE	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
SC22	Low	3500°K	3000	120	25
		4000°K	3125	125	25
		5000°K	3250	130	25
	Standard	3500°K	6000	120	50
		4000°K	6250	125	50
		5000°K	6500	130	50
	Medium	3500°K	8625	115	75
		4000°K	9000	120	75
		5000°K	9375	125	75
	High	3500°K	11500	115	100
		4000°K	12000	120	100
		5000°K	12500	125	100
SC24	Low	3500°K	6000	120	50
		4000°K	6250	125	50
		5000°K	6500	130	50
	Standard	3500°K	12000	120	100
		4000°K	12500	125	100
		5000°K	13000	130	100
	Medium	3500°K	17250	115	150
		4000°K	18000	120	150
		5000°K	18750	125	150
	High	3500°K	23000	115	200
		4000°K	24000	120	200
		5000°K	25000	125	200

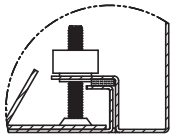
Displayed information is with a .125 Prismatic Polycarbonate. *Subject to change without notice. Visit www.newstarlighting.com for additional information and IES files.

DIMENSIONAL DATA

SURFACE MOUNTING (S)



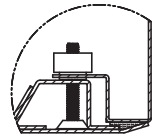
SC22: (4) Ø.31" HOLE
SC24: (6) Ø.31" HOLE



INSET FRAME

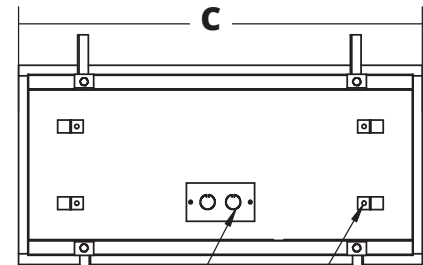
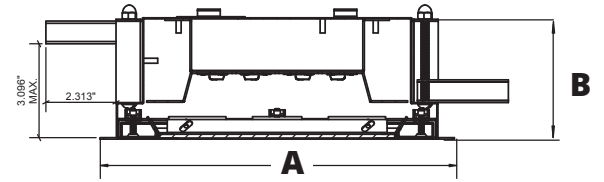


ALUMINUM EXTRUDED
INSET FRAME

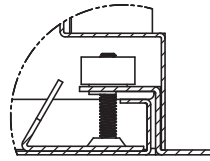


OVERLAPPING FRAME

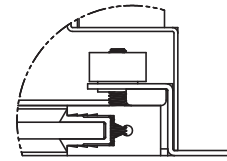
RECESSED MOUNTING (R): GRID & FLANGE



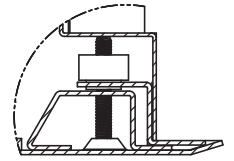
(4) Ø .250" HOLES FOR CEILING WIRE ATTACHMENT



IC FRAME DETAIL

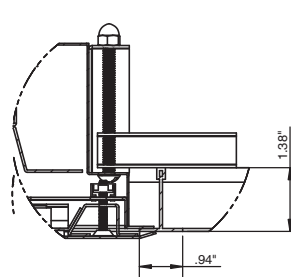


IE FRAME DETAIL

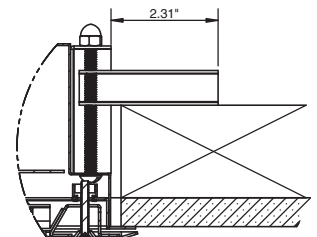


OC FRAME DETAIL

	A	B	C
SCS22	24.00"	3.94"	24.07"
SCS24	24.00"	3.94"	48.07"
SCR22	23.69"	4.00"	23.69"
SCR24	23.69"	4.00"	47.69"



SCR (W/ OC FRAME) RECESSED GRID



SCR (W/ OC FRAME) RECESSED FLANGE

RECOMMENDED CEILING CUT OUTS:

SCR22: 22.88" X 22.88"
SCR24: 22.88" X 46.88"

GRID COMPATIBILITY:
Spaced at 24" x 48" Centers

