PROJECT: _____

TYPE: _____

PRODUCT: _____

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 or 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 or polycarbonate lens options - smooth side out. 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 with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 80 CRI standard with optional minimum 90 CRI available. 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 doorframe.

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. Gasketing seals lens to doorframe and doorframe to housing. Optional triple gasketing, must specify Grid or Flange installation.

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 for Wet Location under covered ceiling. IP65 rating. Meets ISO 4/Class 10 Cleanrooms. NSF2 Splash/Non-Food Zone.

c(UL)us (ISO 4) (IP65) (NSF) WET LOCATION

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

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 * Not IP65. N/A with .187 Prismatic Poly. lens	L2 = Low L4 = Standard L6 = Medium L8 = High CL = Custom Lumen Output** *Subject to change. Performance Data on Page 2. ** Must be specified at time of quote. Must not exceed fixture maximum output

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 * Cannot use with IE or IP	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range FZ1 = Fuse (120V) FZ2 = Fuse (277V) SD2 = Step Dim. Module (50-100%) SD3 = Step Dim. Module (30-70-100%) EL1 = Emerg. Bat. LED Low (1100-1250 lm)* EL2 = Emerg. Bat. LED High (2200-2500 lm)* RF1 = (RIF) Radio Interference Filter (120V) RF2 = (RIF) Radio Interference Filter (277V) TH = Torx Head screws (with center pin) TM = Tandem Mount** 90C = 90 CRI TGG = Triple Gasketing (Grid) TGF = Triple Gasketing (Flange) IP66 = IP66 Rated (Overlapping frame only) * Consult factory for CA Title 24 options ** Requires joiner bracket. Supplied with fixture.

Notes:
Specifications and Dimensions are subject to change without notice.
For additional options and dimensional details please consult your New Star Lighting Representative.

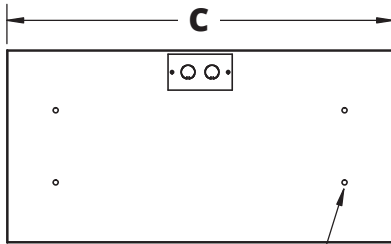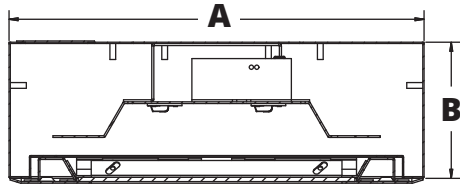## PERFORMANCE DATA*

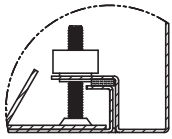| MODEL	OUTPUT	LAMP TYPE	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
SC22	Low (L2)	3500°K	3000	120	25
		4000°K	3125	125	25
		5000°K	3250	130	25
	Standard (L4)	3500°K	6000	120	50
		4000°K	6250	125	50
		5000°K	6500	130	50
	Medium (L6)	3500°K	8625	115	75
		4000°K	9000	120	75
		5000°K	9375	125	75
	High (L8)	3500°K	11500	115	100
		4000°K	12000	120	100
		5000°K	12500	125	100
SC24	Low (L2)	3500°K	6000	120	50
		4000°K	6250	125	50
		5000°K	6500	130	50
	Standard (L4)	3500°K	12000	120	100
		4000°K	12500	125	100
		5000°K	13000	130	100
	Medium (L6)	3500°K	17250	115	150
		4000°K	18000	120	150
		5000°K	18750	125	150
	High (L8)	3500°K	23000	115	200
		4000°K	24000	120	200
		5000°K	25000	125	200

*Displayed information is with a .125 Prismatic Polycarbonate.
LEDs are frequently updated therefore values may change without notice.
Visit www.newstarlighting.com for additional information and IES files.

Notes:
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2225 W Pershing Rd. Chicago, IL 60609   www.newstarlighting.com   773.847.1400

DIMENSIONAL DATA

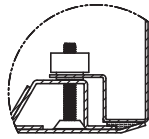### SURFACE MOUNTING (S)

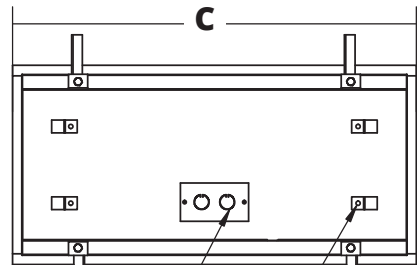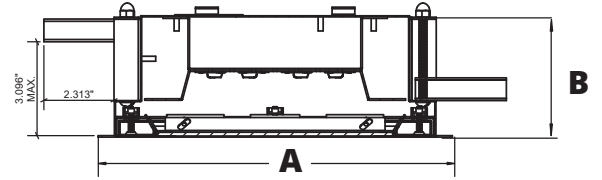SC22: (4) Ø.31" HOLE
SC24: (6) Ø.31" HOLE

INSET FRAME
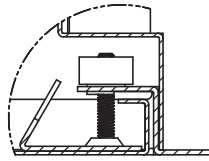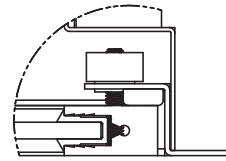
ALUMINUM EXTRUDED INSET FRAME

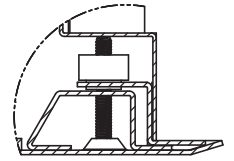OVERLAPPING FRAME

RECESSED MOUNTING (R): GRID & FLANGE

3.096" MAX.
2.313"

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

IC FRAME DETAIL

IE FRAME DETAIL

OC FRAME DETAIL

SCR (W/ OC FRAME) RECESSED GRID

SCR (W/ OC FRAME) RECESSED FLANGE

2.31"
1.38"
.94"

RECOMMENDED CEILING CUT OUTS:
SCR22: 22.88" X 22.88"
SCR24: 22.88" X 46.88"
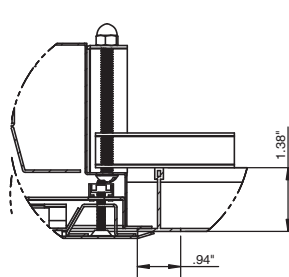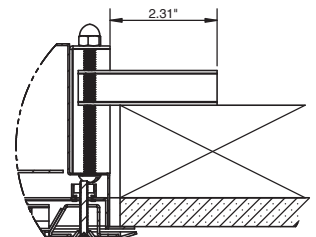
	A	B	C
SCS22	24.00"	3.94"	24.07"
SCS24	24.00"	3.94"	48.07"
SCR22	23.69"	4.00"	23.69"
SCR24	23.69"	4.00"	47.69"

GRID COMPATIBILITY:
SCR22: Spaced at 24" x 24" Centers
SCR24: Spaced at 24" x 48" Centers

1-1/2"
15/16"

1-1/2"
1-1/2"

Notes:
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