STARCLEAN™ RECESSED SERIES: QUICK SHIP

New Star Lighting

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Intended for Cleanrooms, BSL Labs, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more
- 5 Day Quick Ship for orders under 50 fixtures. Consult factory for large quantities or additional fixture options
- Cleanroom troffer available in 2x4
- Recessed ceiling mount; grid or flange. Compatible with 1.5" or 15/16" Grid Ceilings
- ISO Class 3 (Fed Std. 209E/ Class 1), Certified IP65 per IEC60598 and NSF2 Splash/Non-Food and Food Zone ratings. This product was Made in America and complies with the Buy American Act (BAA) and the Build America, Buy America Act (BABAA)

SCR Quick Ship Series

ORDERING INFORMATION

Example: SCR24-HC/OC-L440-1C-A-UN-QS

SC	R	24	HC/OC				
Series	**Mounting**	**Nominal Size**	**Housing**	**Overlapping Frame**	**Lumen Output***	**Color Temp.**	**Circuits**
	R = Recessed (Grid/Flange)	**24** = 2x4 *Nominal size. Dimensional data on Page 2.	**HC** = 20Ga. CRS Painted	**OC** = 18Ga. CRS Painted	**L2** = Low **L4** = Standard **L6** = Medium **L8** = High *Subject to change. Performance Data on page 3.	**35** = 3500K **40** = 4000K	**1C** = 1 Circuit **2C** = 2 Circuits* *Allows for Inboard/Outboard control.

	UN			QS
Lens	**Voltage**	**Driver**	**Options**	**QS** = Quick Ship
A = .125 Prismatic Acrylic **B** = .125 Prismatic Poly. **C** = .156 Prismatic Poly. **E** = .125 White Frost Poly. **G** = .140 Prismatic DR Acrylic* *Not rated for Wet Locations	**UN** = Universal (120V-277V)	**blank** = DM1 (0-10V Dimming with 1-100%range) **SD2** = Step Dim. Module (50-100%) **SD3** = Step Dim. Module (30-70-100%)	**EL1** = Emerg. Batt. LED Low (10W)* **EL2** = Emerg. Batt. LED High (20W)* **WP** = 6ft. Flex Whip. Supply wires included only unless otherwise specifed *If stored, batteries should be fully recharged every six months and kept between 0ºC-25ºC to maintain optimal battery capacity.	

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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New Star Lighting

SPECIFICATIONS

HOUSING: 20-Gauge formed cold rolled steel housing with continuous seam welds.

FRAME: 18-Gauge overlapping doorframe in cold rolled steel. Frame held to housing via aircraft cable.

LENS: Acrylic or polycarbonate lens options - smooth side out.

LED: Available in two color temperatures 3500K and 4000K with maximum 3-step MacAdam variation allowance. Minimum 80 CRI standard. Other options available in standard offering. Minimum 50,000 hours with 70% lumen maintenance in an ambient environment 25ºC temperature, compliant with IES LM-80 testing data.

ELECTRICAL: 120-277VAC 50/60Hz, constant current driver (<20% THD, >0.9 PF). Standard 0-10V Dimming with 1-100% range.

FASTENERS: Stainless steel Phillips flat head screws with captive cage nuts. Finish to match doorframe.

FINISH: White antimicrobial polyester powder coat finish following multi-stage iron phosphate pretreatment. Stainless steel brushed fixtures are brushed on all exposed room-side surfaces.

GASKET: Closed cell EPDM and closed cell silicone gaskets prevent air contaminants from entering the fixture. Gasketing seals lens to doorframe and doorframe to housing.
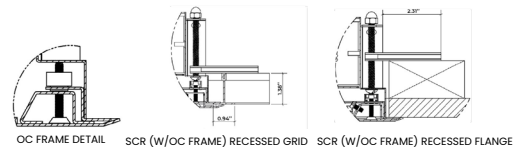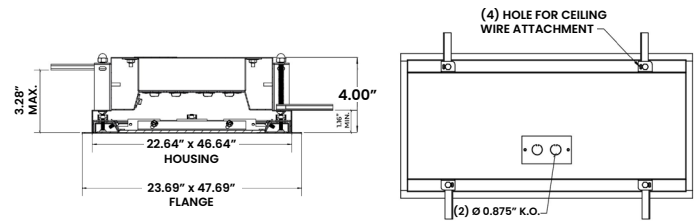
INSTALLATION: Universal recessed mounting accommodates Grid and Flange installations. Luminaires will be supplied with adjustable swing arms that can be used for Flange applications or secured to the side of housing for Grid applications. Compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.
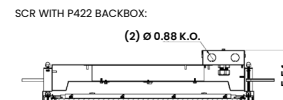
WARRANTY: 5 Year Warranty.

LABEL: Fixture is certified to UL standards for Wet Location. Meets standards for ISO3/Class 1 Cleanrooms. IP65 rating per IEC60598, and NSF2 Splash/Non-Food and Food Zone listed. This product is Made in America and complies with the Buy American Act (BAA) and the Build America, Buy America Act (BABAA)

DIMENSIONAL DATA

Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information. Average weight of the SCR24 is 48lb.

3.28" MAX.

22.64" x 46.64" HOUSING

23.69" x 47.69" FLANGE

1.36" MIN.

(4) HOLE FOR CEILING WIRE ATTACHMENT

4.00"

(2) Ø 0.875" K.O.

OC FRAME DETAIL

SCR (W/OC FRAME) RECESSED GRID

SCR (W/OC FRAME) RECESSED FLANGE

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

SCR WITH P422 BACKBOX:

(2) Ø 0.88 K.O.

5.54

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PERFORMANCE DATA

*Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	TOTAL DELIVERED LUMENS	EFFICACY (lm/W)	INPUT POWER (W)
SCR24	L2 = Low	3500K	6000	120	50
		4000K	6250	125	50
		5000K	6500	130	50
	L4 = Standard	3500K	12000	120	100
		4000K	12500	125	100
		5000K	13000	130	100
	L6 = Medium	3500K	17250	115	150
		4000K	18000	120	150
		5000K	18750	125	150
	L8 = High	3500K	23000	115	200
		4000K	24000	120	200
		5000K	25000	125	200

New Star Lighting
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