

PROJECT: _____
 TYPE: _____
 PRODUCT: _____
 APPROVED BY: _____

PRODUCT FEATURES

- Intended for Cleanrooms, Hospitals, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more
- Architectural Cleanroom “V” troffer available in a 2x2 & 2x4
- Recessed ceiling mount; grid or flange. Compatible with 1.5” or 15/16” Grid Ceilings
- Fixture is certified to UL standards for Wet Locations by Intertek Testing Laboratory, IP65 Rated per IEC60598, Meets ISO Class 4 (Fed Std. 209E/ Class 10)
- This product is Made in America and complies with the Buy American Act (BAA)



SCV Series

ORDERING INFORMATION

Example: SCVR22-HC-L235-1C-A-UN



| SCV | R | | | | |
|---------------|---|--|--|--|---|
| Series | Mounting R = Recessed (Grid/Flange) | Size* 22 = 2x2 24 = 2x4 *Nominal Size. Dimensional Data on Page 2. | Housing HC = 20Ga. CRS Painted HS = 20Ga. SS Brushed HP = 20Ga. SS Painted HA = .050Ga. Alum. Painted | Lumen Output* L2 = Standard L4 = Medium L6 = High *Subject to change. Performance Data on Page 3. | Color Temp. 35 = 3000K 40 = 4000K 50 = 5000K *Subject to change. Performance Data on Page 3. |

| | | | |
|--|---|---|--|
| Circuits 1C = 1 Circuit 2C = 2 Circuits *Allows for Inboard/ Outboard control. | Lens A = .125 Clear Acrylic B = .125 Clear Poly. C = .156 Clear Poly. D = .187 Clear Poly. E = .250 Clear Poly. *Inner lens is a .125 White Frosted Poly. for maximum diffusion. | Voltage 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V) | Options FZ1 = Fuse (120V) FZ2 = Fuse (277V) EL1 = Emerg. Bat. LED Low (10W)* EL2 = Emerg. Bat. LED High (20W)* LN = LED Night Light** IP66 = IP66 Rated (Overlapping frame only) *If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity. **3500K non-dimming Night Light with integrated switch allows light levels at 100%, 70%, 40% and 10%. |
|--|---|---|--|



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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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SPECIFICATIONS

HOUSING: 20-Gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel options available. Overlapping frame to match housing material.

LENS: .125" White frosted acrylic inner lens. Options for outer lens includes clear acrylic or polycarbonate.

LED: Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in an ambient environment 25°C 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.

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

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

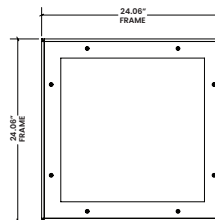
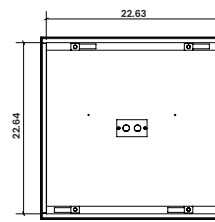
INSTALLATION: Universal recessed mounting accommodates Grid and Flange installations. Luminaires will be supplied with adjustable swing arms that can be used for Flange applications or secured to the side of housing for Grid applications. Compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.

WARRANTY: 5 Year Warranty.

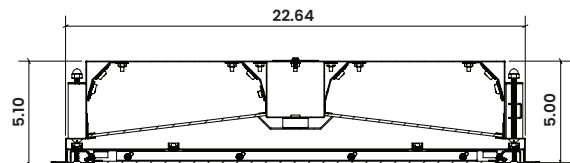
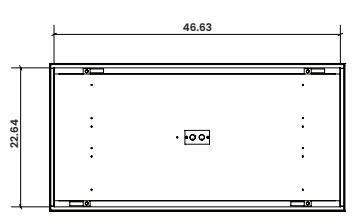
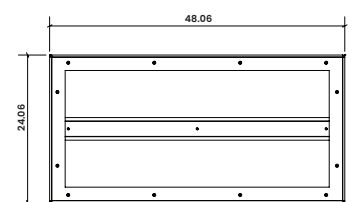
LABEL: Fixture is certified to UL standards for Wet Locations by Intertek Testing Laboratory, IP65 Rated per IEC60598, Meets ISO Class 4 (Fed Std. 209E/ Class 10).

DIMENSIONAL DATA

SCV22



SCV24



PERFORMANCE DATA*

*LEDs are frequently updated therefore values may change without notice.

| MODEL | OUTPUT | COLOR TEMP. | LUMENS DELIVERED | EFFICACY (lm/W) | INPUT POWER (W) |
|-------|-------------|-------------|------------------|-----------------|-----------------|
| SCV22 | L2 = Low | 3500K | 1975 | 79 | 25 |
| | | 4000K | 2075 | 83 | 25 |
| | | 5000K | 2200 | 88 | 25 |
| | L4 = Medium | 3500K | 3850 | 77 | 50 |
| | | 4000K | 4050 | 81 | 50 |
| | | 5000K | 4250 | 85 | 50 |
| | L6 = High | 3500K | 5880 | 84 | 70 |
| | | 4000K | 6230 | 89 | 70 |
| | | 5000K | 6650 | 95 | 70 |
| SCV24 | L2 = Low | 3500K | 4800 | 96 | 50 |
| | | 4000K | 5100 | 102 | 50 |
| | | 5000K | 5350 | 107 | 50 |
| | L4 = Medium | 3500K | 9400 | 94 | 100 |
| | | 4000K | 9900 | 99 | 100 |
| | | 5000K | 10400 | 104 | 100 |
| | L6 = High | 3500K | 14400 | 96 | 150 |
| | | 4000K | 15300 | 102 | 150 |
| | | 5000K | 16050 | 107 | 150 |

