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PRODUCT FEATURES

- · Intended for Light-Sensitive applications in Semiconductor Cleanrooms, Hospitals, Hi-Tech Manufacturing Laboratories, Pharmaceutical, and more
- Available in 1x4, 2x2, 2x4
- Fixture is certified to UL standards for Wet Location ISO Class 3 (Fed Std. 209E/ Class 1), Certified IP65 per IEC60598 and NSF2 Splash/Non-Food Zone ratings. Suitable for Biosafety Labs rated BSL 1 to 4. BSL Levels 3 $\&\,4$ require optional NSF P442 rating under options.

• This product is Made in America and complies with the Buy American Act (BAA)

ORDERING INFORMATION

Example: SCS14-HC/OC-L440-1C-A-UN



SCS Amber Series



sc	s					
Series	Mounting S = Surface	Nominal Size* Housing 14 = 1x4 HC = 20Ga. CRS Painted 22 = 2x2 HS = 20Ga. SS Brushed HP = 20Ga. SS Painted HP = 20Ga. SS Painted HA = 16Ga. Alum. Painted OS = 18Ga. SS Painted *Nominal size. Dimensional data on Page 2. HS = 16Ga. Alum. Painted Visit on Page 2. HS = 20Ga. SS Painted HS = 20Ga. SS Painted OS = 18Ga. SS Painted OA = 16Ga. Alum. Painted IE = Extruded Alum Painted** IC = 20Ga. CRS Painted* IA = 16Ga. Alum. Painted* IB = 20Ga. SS Brushed* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted Na + 16Ga. Alum. Painted** IS = 20Ga. SS Painted IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted* IS = 20Ga. SS Painted IS = 20Ga. SS Painted* IS = 20Ga. SS Painted IS = 20Ga. SS Painted* IS = 20Ga. SS Painted IS = 20Ga. SS Painted* IS = 20Ga. SS Painted IS Painted* IS = 20Ga. SS		ainted shed hted Painted n** in Painted** inted* ainted* shed* ited* able for Biosafety Labs 187 Prismatic as (I) suitable for Biosafety	Lumen Output* SSCS14: AIW1 = 1 Amber/1 White AIW2 = 1 Amber/2 White AIW3 = 1 Amber/2 White A2W1 = 2 Amber/2 White A3W1 = 3 Amber/1 White A1 = 1 Amber LED Rows A2 = 2 Amber LED Rows A3 = 3 Amber LED Rows A4 = 4 Amber LED Rows SCS22-24: A2W2 = 2 Amber/2 White A2W4 = 2 Amber/4 White A4W4 = 4 Amber/6 White A4W4 = 4 Amber/6 White A4W2 = 4 Amber/2 White A6W2 = 6 Amber/2 White A7W2 = 4 Amber/2 White A6W2 = 6 Amber/2 White A6W2 = 6 Amber/2 White A7W2 = 4 Amber/2 White A6W2 = 6 Amber/2 White A6W2 = 6 Amber/2 White A7W2 = 4 Amber/2 White A7W2 = 4 Amber/2 White A6W2 = 6 Amber/2 White A7W2 = 8 Amber/2 White	
White LED Color Temp. Blank = No White LEDs 35 = 3500K 40 = 4000K 50 = 5000K		Circuits IC = 1 Circuit 2C = 2 Circuits* *Allows for Inboard/ Outboard control.	Lens A = .125 Prismatic Acrylic B = .125 Prismatic Poly. C = 156 Prismatic Poly. D = 187 Prismatic Poly.* E = .125 White Frost Poly. G = .140 Prismatic DR Acrylic H = .125 White Frost Acrylic *Cannot be used with IE/IP.	Voltage 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	90C = 90 CRI IP66 = IP66 Rated (OV P442 = NSF P442 Cert *Consult factory for 347V. **SCS12 Remote Battery. fully recharged every six r capacity. ***Joiner bracket supplie wiring or knockouts.	ule (30-70-100%)* Low (10W)** 9 High (20W)** ference Filter (277V) ws (with center pin) A with P442 Option)*** verlapping frame only) ified (Required for BSL 1-4)****

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New Star Lighting 2225 W Pershing Rd, Chicago, IL 60609

www.newstarlighting.com

(773) 847-1400

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.

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.

LED: Available with Phosphor Converted (PC) 590nm Amber LEDs only or PC Amber and White LEDs. PC Amber LEDs will be installed every other row, unless otherwise specified. White color temperatures available in 3000K, 4000K and 5000K with maximum 3-step MacAdam variation allowance. Narrow Spectrum Amber and other white LED color temperatures are available. Consult factory. Minimum 80 CRI standard with optional minimum 90 CRI available. 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.

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

FINISH: White antimicrobial 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 contaminations from entering the fixture. Gasketing seals lens to doorframe and doorframe to housing.

INSTALLATION: Surface installation. Hardware by others. 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 Zone listed. Suitable for Biosafety Labs rated BSL 1 to 4. BSL Levels 3 & 4 require optional NSF P442 rating under options. This product is Made in America and complies with the Buy American Act (BAA). Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information. Average weight of the SCS14 is 27lb. Average weight of the SCS24 is 48lb.





SC14: (6) Ø.31" HOLE SC22: (4) Ø.31" HOLE SC24: (6) Ø.31" HOLE



	А	В	
SCS14	3.94″	12.00″ x 48.07″	
SCS22	3.94″	24.00″ x 24.07″	
SCS24	3.94″	24.00″ x 48.07″	

DIMENSIONAL DATA



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PERFORMANCE DATA

MODEL	OUTPUT	LUMENS DELIVERED	EFFICACY (Im/W)	INPUT POWER (W)
	Al	2188	88	25
	A2	4375	88	50
SCS14	A3	6564	88	75
	Α4	8750	88	100
	A2	2188	88	25
	Α4	4375	88	50
SCS22	A6	6300	84	75
	A8	8750	88	100
	A2	4375	88	50
	Α4	8750	88	100
SCS24	A6	12600	84	150
	A8	17500	88	200

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