

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

PRODUCT FEATURES

- Intended for Cleanrooms, High-Tech Manufacturing, Laboratory, Food Processing Facilities, Healthcare Settings, Public Areas, High Abuse Settings (when outer lens and VRK are specified), and more
- Available in a 1x1, 1x4, 2x2 and 2x4
- Outer lens is optimized to protect against potential abuse or harmful contaminants
- Operable in -40°C to 70°C ambient temperature
- Edge-lit LEDs for fully luminous design



SCAGC Series



ORDERING INFORMATION

EXAMPLE: SCAGCG11-ST30-80C-CP12-OP-UN

SCAGC						80C
Series	Mounting G = Grid F = Flange	Size* 11 = 1x1 14 = 1x4 22 = 2x2 24 = 2x4 *Nominal Size. Dimensional data on Page 2.	Lumen Output* ST = Standard CL = Custom Lumen Output** *Subject to change. **Must be specified at time of quote. Must not exceed fixture maximum output.	Color Temp.* 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K *Subject to change.	CRI 80C = 80 CRI	
		OP				
Outer Lens* CP12 = .125 Clear Poly. CA12 = .125 Clear Acrylic CP18 = .187 Clear Poly. CP25 = .250 Clear Poly. CP37 = .375 Clear Poly.** CP50 = .500 Clear Poly.** *Polycarbonate lens recommended for tamper proof applications. **N/A with VRK.		Inner Lens OP = Opal Poly.	Voltage 12 = 120V 27 = 277V UN = Universal (120V-277V)	Options EL1 = Emerg. Batt. Low (Remote)* MS = MIL-STD-461G** *Remote battery pack requires a remote-mounted test switch (by others). If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity. **Includes Radio Interference Filter (RIF). N/A with UN voltage, must specify voltage.	Accessories VRK = Vandal Resistant Kit* *Brackets are provided for grid and flange installations. Consult factory for more information. Consult factory for more information.	



New Star Lighting
 2225 W Pershing Rd, Chicago, IL 60609
 (773) 847-1400
www.newstarlighting.com

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

CONSTRUCTION: StarTile combined with a clear outer lens seals the fixture for high abuse or cleanroom applications from the room-side.

FRAME: White extruded aluminum frame. Optional vandal resistant kit available for high abuse applications requiring additional security, must specify under Accessories.

LED: Available in four color temperatures 3000K, 3500K, 4000K, and 5000K. Minimum 80 CRI standard. Consult factory for additional options.

LENS: Opal polycarbonate inner lens with a clear polycarbonate or acrylic outer lens. Outer lens serves as an added layer of protection against potential abuse or contaminants. Polycarbonate lens recommended for high abuse settings or applications requiring increased tamper resistance.

ELECTRICAL: Standard 0-10V dimming driver with 10-100% range. Consult factory for additional options. Optional remote emergency battery pack. Remote battery requires a remote-mounted test switch, by others.

GASKET: Strong double-sided adhesive gasket firmly secures and seals the outer lens to frame, preventing air contaminations from entering the fixture.

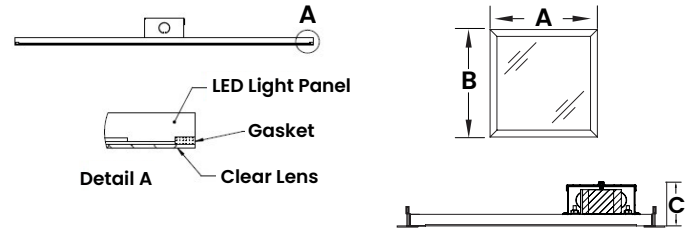
INSTALLATION: Grid or flange installation. Grid installation for 15/16" grid systems. Must specify Vandal Resistant Kit under Options for clips to secure fixture to grid or to attach to ceiling for added security. Mounting screws are not provided.

WARRANTY: Five (5) Year Warranty.

LABEL: Fixture is certified to UL standards. Certified IP65 per IEC 60598 and NSF2 Splash Zone/Non-Food Zone listed (with PH fasteners). Meets ISO4 (FED-STD-209E/Class 10) Cleanrooms. Operable in -40°C to 70°C ambient temperature.

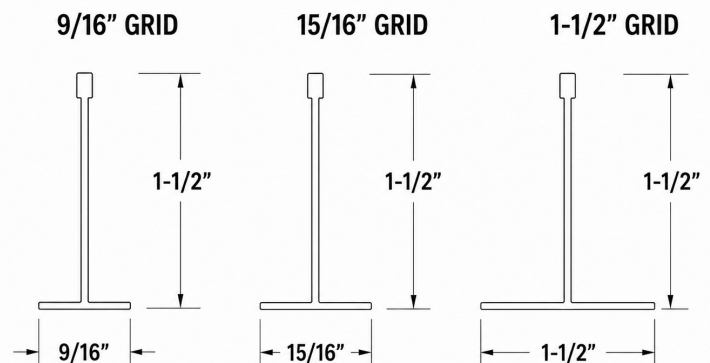
DIMENSIONAL DATA

*Displayed information reflects a base product without options or outer lens. Fixture weight varies and is dependent upon chosen therefore values may change without notice.



MODEL	A	B	C (DEPTH WITH DRIVER)
SCAGC11	11.81"	11.81"	2.25"
SCAGC14	11.81"	47.64"	2.25"
SCAGC22	23.62"	23.62"	2.25"
SCAGC24	23.62"	47.64"	2.25"

GRID INSTALLATIONS



PERFORMANCE DATA

*Displayed information reflects a base product without options or outer lens. LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/w)	INPUT POWER (W)
SCAGC11	ST = Standard	4000K	1800	100	18
SCAGC14	ST = Standard	4000K	4000	100	40
SCAGC22	ST = Standard	4000K	4000	100	40
SCAGC24	ST = Standard	4000K	6000	100	60



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