STARCLEAN 22-24 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 and 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 lens with smooth side out. Alternate lens options available including Prismatic Polycarbonate and a White Frosted Polycarbonate. 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. Other color temperatures available, consult factory. 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 housing.

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.

ORDERING INFORMATION

Ex: SCR24-HC/L2351C-C-UN-EL1

PRODUCT FAMILY

SC

MOUNTING

S = Surface
R = Recessed Housing
(Grill/Flange installation)

LUMEN OUTPUT

SCS22/SCS24/SCR22/SCR24

HOUSING

NOMINAL SIZE

(Fig. 2)

HC = 20Ga. CRS
(Standard)
HS = 20Ga. SS
(Brushed)

L2 = Low
L4 = Standard
L6 = Medium
L8 = High

HP = 20Ga. SS
(Painted)

HA = .050Ga. Alum.
(Painted)

LENS

A=125 Prismatic Acrylic
B=125 Prismatic Poly.
C=156 Prismatic Poly.
D=187 Prismatic Poly.
E=125 White Frosted Poly.
G=140 DR Acrylic

CIRCUITS

IC = 1 Circuit
2C = 2 Circuits

VOLTAGE

12 = 120V
27 = 277V
34 = 347V
(120V-277V)

OPTIONS

FZ* = Fuse*
DM = 0-10V dimming with 10-100% range
DM1 = 0-10V dimming with 1-100% range
SD2 = Step Dim. Module (50-100%)
SD3 = Step Dim. Module (25-50-100%)
IP66 = IP66 rating (only with Overlapping Frame)

KEY

FZ = Fuse*
DM = 0-10V dimming with 10-100% range
DM1 = 0-10V dimming with 1-100% range
SD2 = Step Dim. Module (50-100%)
SD3 = Step Dim. Module (25-50-100%)
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Notes:
Specifications and Dimensions are subject to change without notice. If circuit is not specified at time of quote or order, fixture will have single circuit.

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DIMENSIONAL DATA

SURFACE MOUNTING (S)

RECESSED MOUNTING (R): GRID & FLANGE

INSET FRAME
ALUMINUM EXTRUDED INSET FRAME
OVERLAPPING FRAME

SC22: 4x Ø.31" HOLE
SC24: 6x Ø.31" HOLE

Holes for ceiling wire attachment:
(4) Ø .250 in.

GRID COMPATIBILITY:
Spaced at 24" x 48" Centers

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

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

Page 2/3
<table>
<thead>
<tr>
<th>MODEL</th>
<th>OUTPUT</th>
<th>LAMP TYPE</th>
<th>LUMENS DELIVERED</th>
<th>EFFICACY (lm/W)</th>
<th>INPUT POWER (W)</th>
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<td>3000</td>
<td>120</td>
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<tr>
<td></td>
<td></td>
<td>4000°K</td>
<td>3125</td>
<td>125</td>
<td>25</td>
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<td></td>
<td></td>
<td>5000°K</td>
<td>3250</td>
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<td>Standard</td>
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<td>6000</td>
<td>120</td>
<td>50</td>
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<td></td>
<td></td>
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<td>6250</td>
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<td>6000</td>
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<td>6250</td>
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Displayed information is with a .125 Prismatic Polycarbonate. Subject to change without notice. Visit www.newstarlighting.com for additional information and IES files.
**SPECIFICATION FEATURES**

**HOUSING:**
20 gauge formed cold rolled steel housing with continuous seam welds. Aluminum and stainless steel options available.

**FRAME:**
Inset and 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 lens with smooth side out. Alternate lens options available including Prismatic Polycarbonate and a White Frosted Polycarbonate. Inset (cold rolled steel, stainless steel and .050 alum) and Overlapping frame uses a rail hold down system.

**ELECTRONICS:**
Electronic instant start ballast <10% THD standard. Lamps by others.

**FASTENERS:**
Stainless steel Philips flat head screws with captive cage nuts. Finish to match housing.

**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.

**ORDERING INFORMATION**
Ex: SCG24-HS/IC-3322C-B-UN-PR

<table>
<thead>
<tr>
<th>PRODUCT FAMILY</th>
<th>MOUNTING</th>
<th>NOMINAL SIZE (Dimensional Data Pg. 2)</th>
<th>HOUSING</th>
<th>FRAME</th>
<th># OF LAMPS</th>
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<tbody>
<tr>
<td>SC</td>
<td>S = Surface</td>
<td>22 = 2x2</td>
<td>HC = 20Ga. CRS (standard)</td>
<td>IE=Extruded Alum.</td>
<td>2 = 2 Lamps</td>
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<td>G = Grid</td>
<td>24 = 2x4</td>
<td>HS = 20Ga. SS (Brushed)</td>
<td>IP=Extruded Alum. (Painted)</td>
<td>3 = 3 Lamps</td>
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<td>F = Flange</td>
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<td>HP = 20Ga. SS (Painted)</td>
<td>IP65: IC=20Ga.CRS</td>
<td>4 = 4 Lamps</td>
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<td></td>
<td>HA = .050Ga. Alum. (Painted)</td>
<td>IA=.050 Alum. (Painted)</td>
<td>6 = 6 Lamps</td>
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<table>
<thead>
<tr>
<th>LAMP TYPE</th>
<th>CIRCUITS</th>
<th>LENS</th>
<th>VOLTAGE</th>
<th>OPTIONS</th>
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<tr>
<td>2x2:</td>
<td>1C = 1 Circuit</td>
<td>A=.125 Prismatic Acrylic</td>
<td>12 = 120V</td>
<td>E1* ▲ IP66</td>
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<td>B=.125 Prismatic Poly.</td>
<td>27 = 277V</td>
<td>E2* ▲ TM+</td>
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<td>C=.156 Prismatic Poly.</td>
<td>34 = 347V</td>
<td>RF* DB*</td>
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<td>D=.187 Prismatic Poly. □</td>
<td>UN = Universal</td>
<td>TH PR</td>
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<td>E=.125 White Frosted Poly.</td>
<td>(120V-277V)</td>
<td>FY FZ*</td>
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<td>G=.140 DR Acrylic</td>
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**KEY**
- E1 = Emerg. Battery Pack (450 Lumens)* ▲
- E2 = Emerg. Battery Pack (1100 Lumens)* ▲
- RF = RIF (Radio Interference Filter)*
- TH = Torx Head screws (with center pin)
- FY = Yoke Bracket for Flange mount
- (Replace swing arm system)

Notes:
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**APPLICATION:**
Cleanroom, Hospital, Hi-Tech Manufacturing, Laboratory, Food Processing Facilities, Commercial Kitchens, and more.

**MOUNTING:**
Surface, Grid or Flange mounting. Flange fixtures come with adjustable 90° swing arm for easy installation. Optional Yoke Bracket would replace swing arm. Grid fixtures compatible with 1-1/2” and 15/16” Grid systems. Mounting for custom ceilings available, consult factory.

**LABEL:**
Fixture is certified to UL standards. Certified IP65, ISO4, and NSF.
DIMENSIONAL DATA

SURFACE MOUNTING

GRID MOUNTING

FLANGE MOUNTING

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Recommended Ceiling Cut-Out</th>
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<td>24&quot;</td>
<td>3.94&quot;</td>
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<td>SCS24</td>
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<td>3.94&quot;</td>
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<tr>
<td>SCF22</td>
<td>25.13&quot;</td>
<td>3.94&quot;</td>
<td>25.25&quot;</td>
<td>25.13&quot;</td>
<td>24.375&quot; x 24.375&quot;</td>
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<td>SCF24</td>
<td>25.13&quot;</td>
<td>3.94&quot;</td>
<td>49.13&quot;</td>
<td>25.13&quot;</td>
<td>48.375&quot; x 24.375&quot;</td>
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(SCG) GRID COMPATIBILITY:
Spaced at 24” x 48” Centers

Notes:
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