

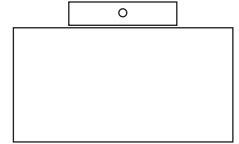
Notes:

Job:

Type:

GARAGE LIGHTING

FORM 10 SCA 14"



GENERAL DESCRIPTION: The Gardco Form 10 SCA luminaire incorporates outstanding mechanical, electrical and photometric features that make it ideal for lighting parking structures. Six (6) sophisticated sharp cutoff optical assemblies provide glare control with uniform light distribution. Design, quality of materials and excellence of workmanship combine to produce a luminaire that is easy to install and service, and resists damage and weather. The housing is extruded, anodized or polyester powder coated aluminum. Corners are precisely mitered and silicone gasketing throughout excludes moisture, dirt and insects.

ORDERING

PREFIX	MOUNTING	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX

SCA14 14" SCA Luminaire

MOUNTING

J Quick Mount Box
D Direct to Ceiling *N/A w/FM optics or 200HPS, 200MH or 250MH lamp*
S Trunnion Mounting 12" - 18"
L Trunnion Mounting 18" - 24"

DISTRIBUTION

Horizontal Lamp

1 Type I
3 Type III
FM Type IV Forward Throw
Q Type V

Mogul Base is supplied standard, except for 100MH and 150MH

Vertical Lamp

V1 Type I
VS Type V

Vertical lamp optics require medium base lamps and high temperature resisting thermoplastic sag lens (supplied standard)

WATTAGE

Mogul Base

175MH
200MH
250MH³

70HPS
100HPS
150HPS
200HPS³

Medium Base

100MH
150MH
175MH
200MH¹

175PSMH^{1,2}

70HPS
100HPS
150HPS

*MH Metal Halide
 PSMH Pulse Start Metal Halide
 HPS High Pressure Sodium*

*1. Vertical lamp optics only.
 2. M137 or M152
 3. 200HPS and 250MH only available in horizontal lamp optics*

VOLTAGE

120 **240** **QUAD**
208 **277** *120/208/240/277, Factory tied to 277.*

FINISH

BLA Black Anodized
BRA Bronze Anodized
NA Natural Aluminum Anodized
BRP Bronze Paint
BLP Black Paint
NP Natural Aluminum Paint
OC Optional Color Paint
Specify RAL designation as shown in Color Selection Guide. ex: OC-RAL7024
SC Special Color Paint
Specify. Met. apply color chip.

OPTIONS

F Fusing
SH Spanner Head Access Screw
POLY Vandal Resistant Sag Polycarbonate Lens
Horizontal lamps or medium base vertical lamps only
QS Quartz Standby, DC Bayonet Socket
Automatically activates an internal quartz lamp (100w maximum) following a momentary power interruption. The quartz lamp remains on until the HID lamp restrikes.
QST Quartz Standby, Timed Bayonet Socket
Automatically activates an internal quartz lamp (100w maximum) following a cold start or a momentary power interruption. The quartz lamp remains on until after the main HID lamp reaches an acceptable intensity level.

Gardco Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

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A Genlyte Company

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79115-16/0604

GARAGE LIGHTING

FORM 10 SCA 14"

SPECIFICATIONS

GENERAL: Each Gardco SCA style ceiling mounted unit is a rectilinear sharp cutoff luminaire for high intensity discharge lamps. The luminaire is totally enclosed, dust-tight, and weather and corrosion resistant.

HOUSING: The sides are composed of precisely mitered, anodized aluminum extrusions. The top pan is press-formed with a returned perimeter flange that interlocks with the housing sides. Pressure injected silicone provides a continuous weathertight seal at all miters and points of material transition.

DOOR/LENS ASSEMBLY: The anodized extruded aluminum door frame retains the optically clear, heat and impact-resistant tempered flat glass or convex thermoplastic lens in a sealed manner using hollow section, high compliance, memory retentive extruded silicone gasketing. The door assembly hinges to the housing with concealed stainless steel hinge pins.

OPTICAL SYSTEMS: The segmented optical system is homogeneous sheet aluminum, electro-chemically brightened, anodized and sealed. The segmented reflectors are set in faceted arc image duplicating patterns to achieve IES Types I (1), III (3), IV (FM), and V (Q, V1, VS) distributions.

ELECTRICAL: Each high power factor ballast is the separate component type, capable of providing reliable lamp starting down to -20° F. The ballast is secured within the luminaire, adjacent to the reflector system. Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 150°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

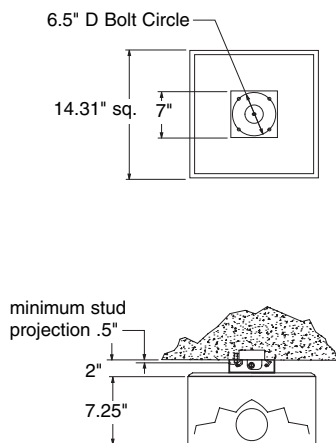
FINISH: Units are available with Architectural Class I anodized or electrostatically applied, thermally cured polyester TGIC powdercoat finish.

LABELS: All fixtures bear UL or CUL (where applicable) Damp Location labels.

DIMENSIONS

SCA-J Style - Quick-Mount Box

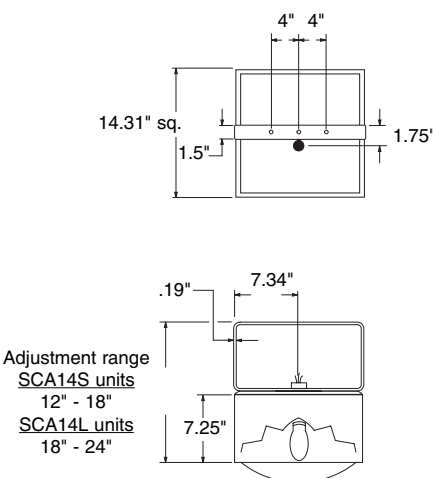
Each SCA-J style luminaire is supplied with a 14 gauge galvanized steel junction box with integral slots permitting 90° rotation capability for luminaire alignment. This ceiling mounted steel box may attach directly to a 4" octagonal recessed outlet box (by others) or directly to the ceiling using 3/8" studs (by others) through (4) 7/16" diameter holes provided. The box is provided with (4) knockouts for 1/2" and 3/4" surface conduit. A 16 gauge galvanized steel mounting bracket attaches to the luminaire top pan and provides hinging slots permitting servicing of unit in a captive manner. Four (4) tamper-proof mounting screws lock the luminaire to the box in a fixed position.



SCA-S & L Style - Trunnion-Mounted

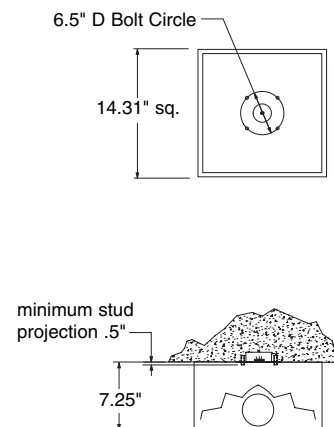
All Gardco SCA-S and L style luminaires are designed to mount to a concrete ceiling with a dieformed, anodized aluminum trunnion bracket assembly. The trunnion assembly permits (6) one inch incremental mounting height adjustments. A 1/2" I.P.S. weatherproof diecast aluminum hub with an integral O-ring is located on the top pan for field attachment of rigid or flexible conduit (by others).

TRUNNION BRACKET ASSEMBLY: The upper and lower trunnions bolt together with 1/4-20 carriage bolts and provide vertical height adjustment. The upper trunnion has a central 17/32" diameter hole providing pivotal alignment and (2) 13/32" diameter outboard mounting holes insuring rigid ceiling attachment.



SCA-D Style - Flush-Mount

Each Gardco SCA-D style luminaire is designed to mount to a concrete ceiling (directly beneath recessed outlet box) with (4) 3/8" mounting studs (by others). The 2 3/4" diameter access hole in the top pan is sealed with a gasketed cover plate providing external wire leads for supply connection.



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