

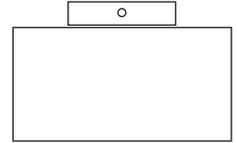
Notes:

Job:

Type:

GARAGE LIGHTING

FORM 10 SCBEH/STSEH, STLEH 19"



GENERAL DESCRIPTION: The Gardco style SCB, STS and STL ceiling mounted products are sharp cutoff rectilinear luminaires using high intensity discharge lamps up to 400 watts. The units are manufactured from a mitered extruded aluminum and finished in an Architectural Class 1 anodizing. Silicone gasketing throughout excludes moisture, dust and insects. Each luminaire accepts four (4) interchangeable, rotatable precision segmented optical systems.

ORDERING

PREFIX	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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.					<input type="text"/>

PREFIX

SCBEH19	Direct Mount Box
STSEH19	Short Trunnion Mount
STLEH19	Long Trunnion Mount

DISTRIBUTION

1	Type I, Horizontal Lamp
3	Type III, Horizontal Lamp
FM	Type IV, Forward Throw, Horizontal Lamp
Q	Type V, Horizontal Lamp

WATTAGE

250MH	250PSMH¹	200HPS	<i>MH Metal Halide</i>
400MH	320PSMH²	250HPS	<i>PSMH Pulse Start Metal Halide</i>
	350PSMH	400HPS	<i>HPS High Pressure Sodium</i>
	400PSMH³		<i>Lamps are all Mogul Base</i>
			<i>1. M138 or M153</i>
			<i>2. M132 or M154</i>
			<i>3. M135 or M155</i>

VOLTAGE

120	240	QUAD
208	277	<i>120/208/240/277, Factory tied to 277.</i>

FINISH

BLA	Black Anodized
BRA	Bronze Anodized
NA	Natural Aluminum Anodized
OC	Optional Color Paint <i>Specify PPL designation as shown in Color Selection Guide. ex: OC-PPL7024</i>
SC	Special Color Paint <i>Specify. Must apply color drip.</i>

OPTIONS

F	Fusing
VR	Vandal resistant Door Assembly <i>Includes Poly Lens</i>
QS	Quartz Standby, DC Bayonet Socket <i>Automatically activates an internal quartz lamp (100w maximum) following a momentary power interruption. The quartz lamp remains on until the HID lamp restrikes.</i>
QST	Quartz Standby, Timed Bayonet Socket <i>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.</i>

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A Genlyte Company

Gardco Lighting
2661 Alvarado Street
San Leandro, CA 94577

800/227-0758
510/357-6900 in California
Fax: 510/357-3088
www.sitelighting.com



79115-80/0604

GARAGE LIGHTING

FORM 10 SCBEH/STSEH, STLEH 19"

SPECIFICATIONS

GENERAL: Each Gardco Square Form Ten Ceiling Mount is a sharp cutoff luminaire for high intensity discharge lamps. Units are designed with half cube proportions. Internal components are totally enclosed, dust tight and corrosion resistant. No venting of optical system or electrical components is required or permitted. Luminaires are completely assembled with no disassembly required for installation. Lamping requires no lifting or hinging the luminaire housing, disturbing wiring or exposing uninsulated live parts.

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

LENS: Mitered, extruded anodized aluminum door frame retains the optically clear, heat and impact resistant tempered flat glass or sag thermoplastic in a sealed manner using hollow section, high compliance, memory retentive extruded silicone rubber. Concealed stainless steel latch and hinges permit easy toolless access to the luminaire.

OPTICAL SYSTEMS: The segmented Form Ten optical system is a homogeneous sheet aluminum, electrochemically brightened, anodized and sealed. The segmented reflectors are set in faceted arc tube image duplicator patterns to achieve Types I (1), III (3), IV (FM), and V (Q) distributions. The mogul lampholder is glazed porcelain with a nickel plated screw shell with lamp grip – all securely attached to the reflector assembly.

ELECTRICAL: Each high power factor ballast is the separate component type, capable of providing reliable lamp starting down to -20° F. The ballast is mounted and secured within the luminaire, above 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.

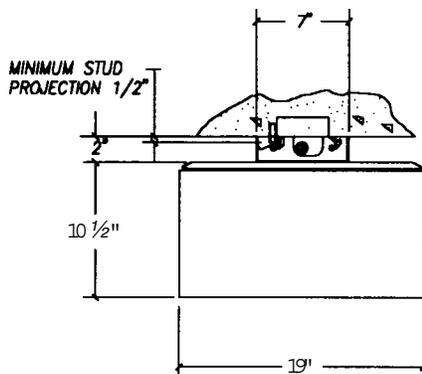
FINISH: Housings are standard with natural, bronze or black Aluminum Association Architectural Class I anodized finish applied after fabrication.

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

DIMENSIONS

SCB Style: Quick-Mount Box

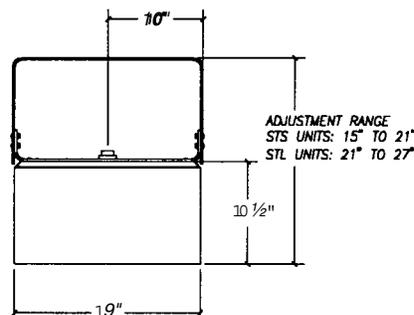
Each SCB style luminaire is supplied with a 14 gauge galvanized steel junction box with integral slots to permit 90° rotation capability for luminaire alignment. This ceiling mounted steel box may attach directly to a 4" octagonal recessed outlet box (by others), but recommended mounting is directly to the ceiling using 3/8" studs (by others) through (4) 7/16" diameter holes provided. 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 that permit servicing of the unit. Four (4) tamper-proof mounting screws lock the luminaire to the box in a fixed position.



STS & STL Style: Trunnion-Mounted

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

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



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