

Notes:

Job:

Type:

# THE GASKINS SERIES

## GS01 SINGLE 90° DEGREE ELBOW ARM WITH SQUARE LUMINAIRE - SOLID TOWER

**GENERAL DESCRIPTION:** The Gaskins Series is a line of pedestrian scale luminaires for area and accent illumination. Each Gaskins ST Series product consists of a soft, rectilinear closed "Tower" to which a luminaire is mounted. The GS01 luminaire is a low-profile square shape for single mounting.

**CUTOFF PERFORMANCE:** GS01 luminaires provide full cutoff performance.

### ORDERING

PREFIX	CONFIGURATION	HEIGHT	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	RIBBED CASTING	OPTIONS
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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

GS01-ST

Solid Tower

#### CONFIGURATION

1 1 way

#### HEIGHT

8'

10'

12'

#### DISTRIBUTION

##### HID

2XL Type II

3XL Type III

4XL Type IV Forward Throw

##### Fluorescent

**MTS** Medium Throw with Solite Lens  
Only available with (2)60CF and (2)42TRF

**MWD** Marker Optic with White Diffuse Glass  
Only available with C40T5

#### WATTAGE

**50CMHE** (2)60CF 60w Compact Fluorescent  
Only available with MTS Distribution

**70CMHE** (2)42TRF (2) 42w Triple Tube Compact Fluorescent  
Only available with MTS Distribution

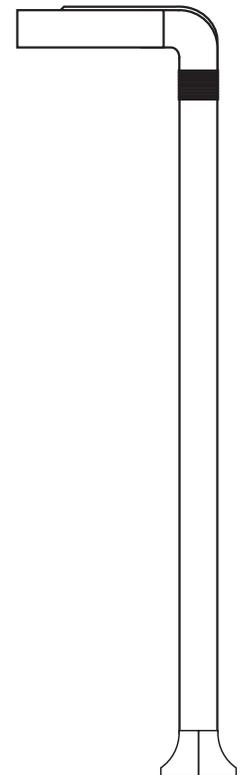
**150CMHE** C40T5 40w Circular T5 Fluorescent  
Only available with MWD Distribution

CMHE - Ceramic Metal Halide with Electronic Ballast

#### VOLTAGE

UNIV

Fluorescent and CMHE units  
are provided with a ballast  
that accepts 120V through  
277V, 50hz or 60hz



#### PAINTED FINISH

<b>BRP</b> Bronze	<b>LSP</b> Light Sandstone
<b>BLP</b> Black	<b>DSP</b> Dark Sandstone
<b>WP</b> White	<b>RBP</b> Red Brick
<b>NP</b> Natural Aluminum	<b>LGP</b> Light Granite
<b>BGP</b> Beige	<b>DGP</b> Dark Granite
<b>OC</b> Optional Color Paint (Specify RAL designation ex: OC-RAL7024)	
<b>SC</b> Special Color Paint (Specify. Must supply color chip)	

#### RIBBED CASTING

<b>WR</b> With Ribbed Casting
<b>LR</b> Less Ribbed Casting

#### OPTIONS

<b>SG</b> Solite® Glass Solite is a Registered Trademark of AFG Industries
<b>TWG</b> Translucent White Glass

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A Genlyte Company

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# THE GASKINS SERIES

## GS01 SINGLE 90° DEGREE ELBOW ARM WITH SQUARE LUMINAIRE - SOLID TOWER

### SPECIFICATIONS

**GENERAL DESCRIPTION:** The Gaskins Series is a line of pedestrian scale luminaires for area and accent illumination. Each Gaskins Series product consists of a soft, rectilinear solid "Tower" to which a luminaire is mounted. The GS01 luminaire is a low-profile square shape for single mounting.

**TOWER ASSEMBLY:** The tower uses a 1" (2.54cm) steel base plate with two (2) steel angle supports welded to the plate. The entire base assembly is hot-dipped galvanized. Die formed 1/8" (.32cm) aluminum panels interlock with two (2) 6063-T6 aluminum extrusions to create the tower. Minimum wall thickness for extrusions is .17" (.43cm). An adhesive silicone sealant is applied during assembly between the panels and the extrusions to create a permanent seal along the entire length of the tower. The sealant material is structural to enhance tower strength and rigidity.

The tower is installed using four (4) 5/8" (1.59cm) anchor bolts on an 11" (27.94cm) bolt circle. A 3" (7.62cm) diameter hole is provided in the center of the base plate to allow for conduit stub-up.

The tower base is protected by a high-impact, UV resistant polymer 2-piece cover.

**HOUSING/LENS ASSEMBLY:** The housing is one-piece diecast aluminum. A tempered flat glass lens assembly is mechanically retained and hinged within the housing. The hinge is diecast aluminum. A one-piece molded silicone gasket seals the lens assembly to the housing to prevent intrusion by moisture, dust and insects.

A one-piece diecasting attaches to the housing assembly and the tower creating a smooth transition between tower and luminaire. A one-piece die cast cover is used to enclose wiring.

The optional decorative ribs are diecast and attach to the tower with (4) 5/16" (.79cm) bolts.

**HID SOURCE OPTICAL SYSTEMS:** The segmented optical systems are manufactured from homogenous sheet aluminum, which has been electrochemically brightened, anodized and sealed. The multifaceted arc image duplicating systems are designed to produce IES Types II (2XL), III (3XL), and IV (4XL). The reflector facets form a conical fan around the arc tube with each facet positioned to be precisely tangent to the top of the arc tube.

The medium base lampholder is glazed porcelain with a nickel plated screw shell.

**FLUORESCENT SOURCE OPTICAL SYSTEMS:** Fluorescent luminaires use either a medium throw reflector with a Solite® glass lens (MTS) or a marker reflector with a translucent white glass lens (MWD).

**ELECTRICAL:** HID electronic ballasts are mounted within a die cast enclosure located in the base of the tower assembly. Electronic ballasts operate ceramic metal halide lamps only. Fluorescent ballasts are mounted in the luminaire. All fluorescent luminaires utilize electronic high power factor ballasts designed for reliable lamp starting to 0°F/-18°C.

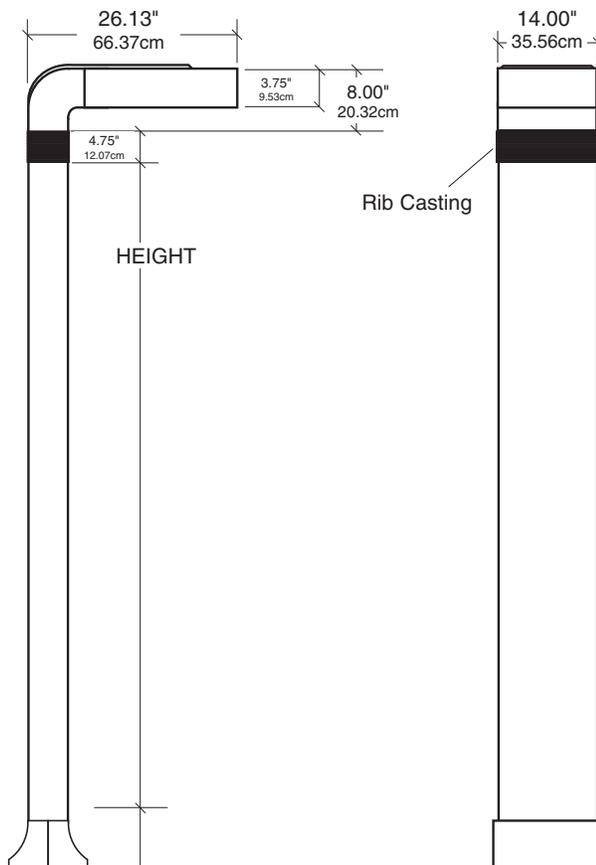
**FINISH:** Each standard color luminaire receives a fade and abrasion resistant electrostatically applied thermally cured triglycidal isocyanurate (TGIC) textured semi-gloss polyester powdercoat finish. Standard colors include Bronze (BRP), Black (BLP), White (WP), Natural Aluminum (NP), Beige (BGP), Light Sandstone (LSP), Dark Sandstone (DSP), Red Brick (RBP), Light Granite (LGP) and Dark Granite (DGP). The polymeric cover at the tower base is painted with a liquid polyurethane semi-gloss paint. Consult factory for specifications on custom colors.

**LABELS:** All luminaires bear U.L. or C.U.L. (where applicable) Wet Location labels.

**FULL CUTOFF PERFORMANCE:** Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle of 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

**CUTOFF PERFORMANCE:** Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

### DIMENSIONS



**NOTE:** Factory supplied template must be used when setting anchor bolts. Gardco Lighting will not honor any claim for incorrect anchorage placement from failure to use factory supplied templates.