

Job:  
 Type:  
 Notes:

# Gaskins Series

## GS01 Single and GS02 Twin

The Philips Gardco 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, or open tower, to which a luminaire is mounted. The GS01 luminaire is a low profile square shape for single mounting. GS02 luminaires are low profile square shapes for twin mounting at 180°. GS01 and GS02 luminaires provide full cutoff performance.

PREFIX	CONFIGURATION	HEIGHT	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	RIBBED CASTING	OPTIONS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<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: Philips 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**

<b>GS01-ST</b>	Single - Solid Tower
<b>GS01-OT</b>	Single - Open Tower
<b>GS02-ST</b>	Twin - Solid Tower
<b>GS02-OT</b>	Twin - Open Tower

**CONFIGURATION**

<b>1</b>	1-Way (GS01 only)
<b>2</b>	2-Way (GS02 only)

**HEIGHT**

<b>8</b>	8 feet
<b>10</b>	10 feet
<b>12</b>	12 feet

**DISTRIBUTION**

<b>HID</b>	
<b>2XL</b>	Type II
<b>3XL</b>	Type III
<b>4XL</b>	Type IV Forward Throw
<b>Fluorescent</b>	
<b>MTS</b>	Medium Throw with Solite Lens Only available with (2)42TRF.
<b>MWD</b>	Marker Optic with White Diffuse Glass Only available with C40T5.

**WATTAGE**

<b>50CMHE</b>	<b>(2)42TRF</b>	(2) 42w Triple Tube Compact Fluorescent Only available with MTS Distribution.
<b>70CMHE</b>		
<b>100CMHE</b>	<b>C40T5</b>	40w Circular T5 Fluorescent Only available with MWD Distribution.
<b>150CMHE</b>	<b>ⓔ</b>	

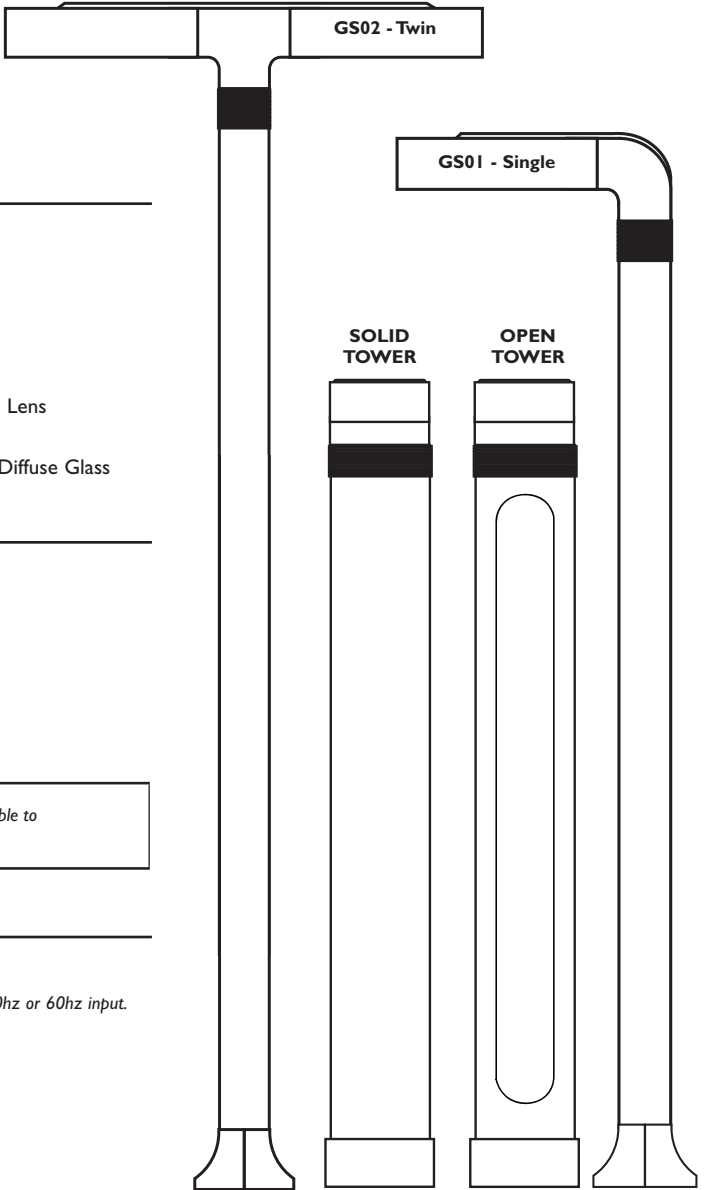
CMHE - Ceramic Metal Halide with Electronic Ballast

**ⓔ** Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 150 watt through 500 watt metal halide luminaires only.

**VOLTAGE**

<b>UNIV</b>
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Fluorescent and CMHE units are provided with a ballast that accepts 120V through 277V, 50hz or 60hz input.



# Gaskins Series

## GS01 Single and GS02 Twin

### 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		

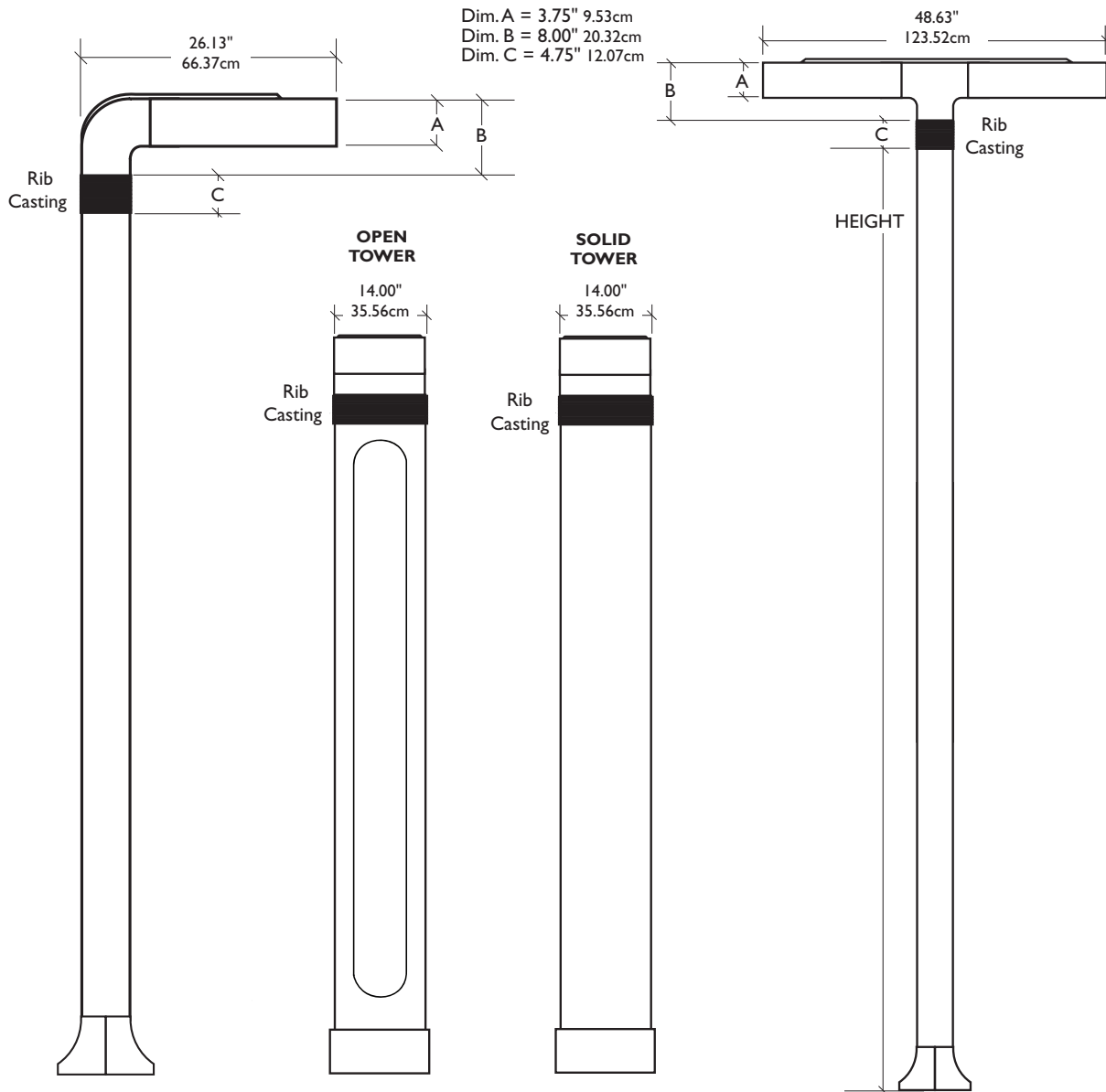
### RIBBED CASTING

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

### OPTIONS

<b>SG</b>	Solite Glass Lens Supplied Standard with MTS Optics
<b>TWG</b>	Translucent White Glass Lens Supplied Standard with MWD Optics

### DIMENSIONS



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

1611 Clovis Barker Road, San Marcos, TX 78666  
 (800) 227-0758 (512) 753-1000 FAX: (512) 753-7855 [sitelighting.com](http://sitelighting.com)

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79115-133/0411

**PHILIPS**



### 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 or open tower to which a luminaire is mounted. The GS01 luminaire is a low profile square shape for single mounting. GS02 luminaires are low profile square shapes for twin mounting at 180°

**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.

In the solid tower, die formed 1/8" (.32cm) aluminum panels interlock with two (2) 6063-T6 aluminum extrusions to create the tower. 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.

In the open tower, die cast aluminum caps and jointers retain two (2) extruded aluminum side rails. These rails are interlocking with an adhesive silicone sealant applied along the entire length of the open tower. Minimum wall thickness for extrusions is .17" (.43cm).

Towers are 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 are as indicated. 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.

**WARRANTY:** Philips Gardco luminaires feature a 5 year limited warranty. See Warranty Information on [www.sitelighting.com](http://www.sitelighting.com) for complete details and exclusions. Polycarbonate lenses carry a 1 year warranty only.

**FULL CUTOFF PERFORMANCE:** Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle at or above 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.

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