

Notes:

Job:

Type:

THE GASKINS SERIES

GS02 180° ARM CASTING WITH TWIN SQUARE LUMINAIRES - SOLID TOWER

GENERAL DESCRIPTION: The Gaskins Series is a variety of pedestrian scale luminaires for area illumination. Each Gaskins Series product consists of a soft, rectilinear closed "Tower" to which a luminaire is mounted. The GS02 luminaire is a low-profile twin-style luminaire oriented in a 180 degree configuration.

CUTOFF PERFORMANCE: GS02 luminaires provide full cutoff performance.

ORDERING

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: 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

GS02-ST

Solid Tower

CONFIGURATION

2 2 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

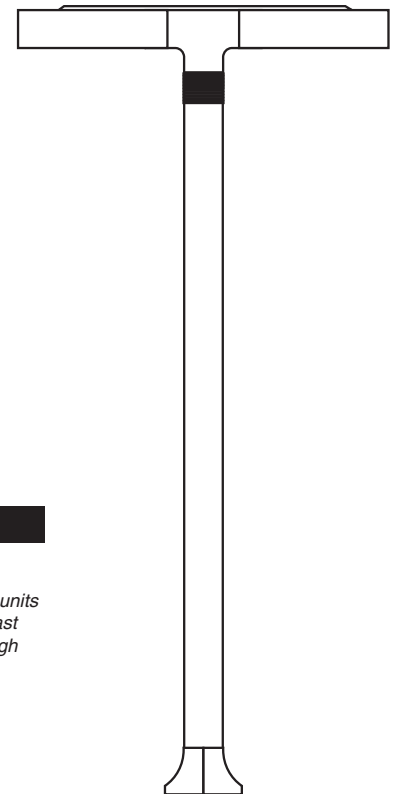
WATTAGE

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.

FINISH

BRP	Bronze	LSP	Light Sandstone
BLP	Black	DSP	Dark Sandstone
WP	White	RBP	Red Brick
NP	Natural Aluminum	LGP	Light Granite
BGP	Beige	DGP	Dark Granite

OC Optional Color Paint
(Specify RAL designation ex: OC-RAL7024)

SC Special Color Paint *(Specify. Must supply color chip)*

RIBBED CASTING

WR	With Ribbed Casting
LR	Less Ribbed Casting

OPTIONS

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

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A Genlyte Company

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79115-135/0507

THE GASKINS SERIES

GS02 180° ARM CASTING WITH TWIN SQUARE LUMINAIRES - SOLID TOWER

SPECIFICATIONS

GENERAL DESCRIPTION: The Gaskins Series is a variety of pedestrian scale luminaires for area illumination. Each Gaskins Series product consists of a soft, rectilinear closed "Tower" to which a luminaire is mounted. The GS02 luminaire is a low-profile twin-style luminaire oriented in a 180° configuration.

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 0.17" (.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 housings are 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 assemblies and the tower creating a smooth transition between tower and luminaires for both single and twin units. 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.

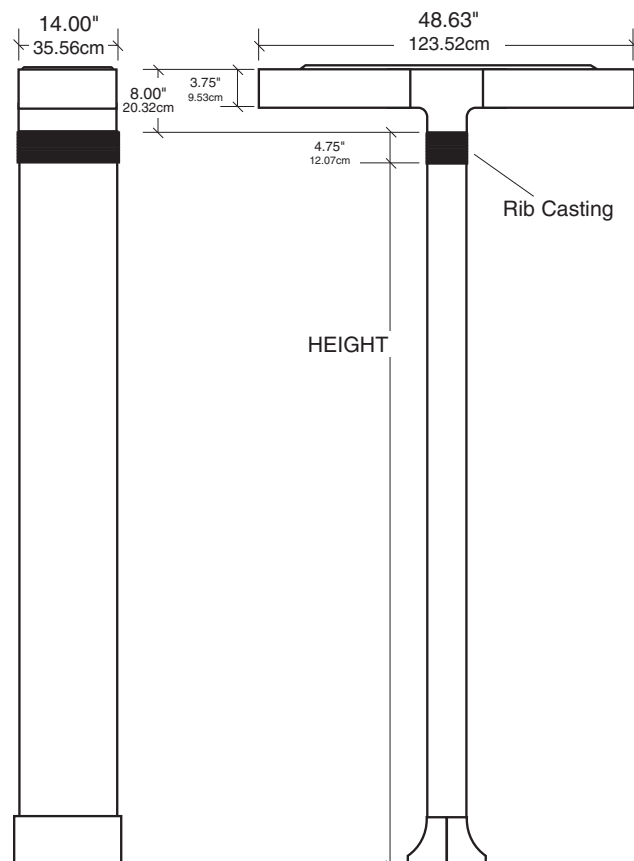
FINISH: Each standard color luminaire receives a fade and abrasion resistant electrostatically applied thermally cured triglycidal isocyanurate (TGIC) textured semi-gloss polyester powdercoat finish. Standard colors include Bronze (BRP), Black (BLP), White (WP), Natural Aluminum (NP), Beige (BGP), Light 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.

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