

Job:
 Type:
 Notes:

Gaskins Series

GS03 Adjustable Indirect

The Philips Gardco Gaskins Series is a variety of pedestrian scale luminaires for area illumination. The GS03 luminaire is a low profile adjustable indirect luminaire. The GS03 is available with a soft, rectilinear solid or open "Tower", or as a post top luminaire designed to slip into a Gardco 4" Round Aluminum Pole. GS03 luminaires provides cutoff performance when reflector aiming is parallel to the ground.

PREFIX	CONFIGURATION	HEIGHT	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH
<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	CONFIGURATION
GS03-ST	Solid Tower <i>(Provided complete with tower.)</i>
GS03-OT	Open Tower <i>(Provided complete with tower.)</i>
GS03-P4	P4 Post Top <i>(Pole Not included.)</i>

HEIGHT	DISTRIBUTION
8'	5ID Type V Indirect
10'	
12'	

Omit Height for GS03-P4.

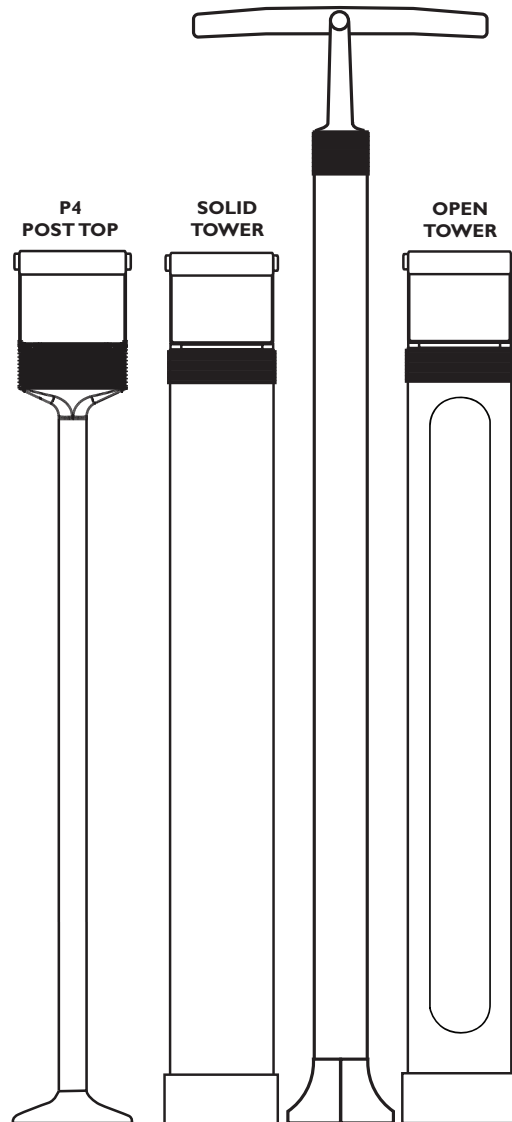
WATTAGE
T70CMHE¹
T150CMHE¹ [ⓔ]

1. T6 Ceramic Metal Halide with Electronic Ballast. Lamp Supplied with luminaire.

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

VOLTAGE
UNIV

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



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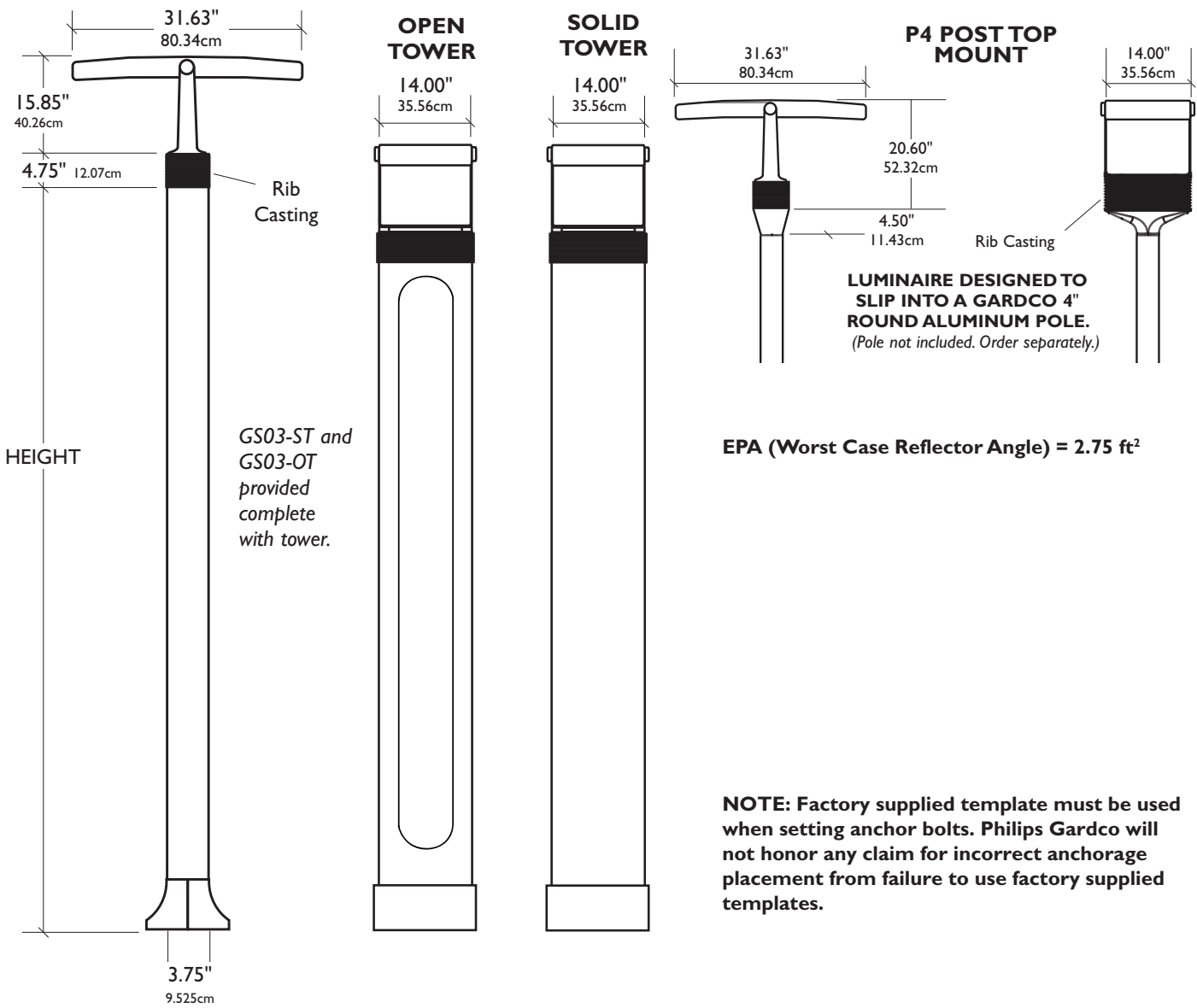
Gaskins Series

GS03 Adjustable Indirect

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		

DIMENSIONS AND EPA



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SPECIFICATIONS

GENERAL DESCRIPTION: The Philips Gardco Gaskins Series is a variety of pedestrian scale luminaires for area illumination. The GS03 luminaire is a low-profile adjustable indirect luminaire, available with a soft, rectilinear solid or open "Tower", or as a post top luminaire designed to slip into a Gardco 4" Round Aluminum Pole.

TOWER ASSEMBLY (GS03-ST, GS03-OT): The tower uses a 1" steel base plate with two (2) steel angle supports welded to the base. The entire base assembly is hot-dipped galvanized. Die formed 1/8" aluminum panels interlock with two (2) 6063-T6 aluminum extrusions to create the tower. Minimum wall thickness for extrusions is 0.17". 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" anchor bolts on an 11" bolt circle. A 3" diameter hole is provided in the center of the base plate to allow for conduit stub-up. A high-impact, UV resistant polymer two-piece cover protects the tower base.

HOUSING/LENS ASSEMBLY: A decorative and functional ribbed one-piece diecasting is attached to the top of the tower with four (4) 5/16" bolts. This ribbed assembly encloses the lower components of the optical system. An additional upper casting at the top of the ribs acts as a base for the lens casting. The lens casting contains a clear tempered glass lens, which is mechanically secured and silicone sealed. The upper casting also anchors the diecast aluminum supports for the architectural light control structure. The architectural light control structure is an injection molded, high impact, UV resistant polymer and provides 60 degree angle adjustment.

OPTICAL SYSTEMS: The GS03 reflector is composed of specular, extruded and faceted Alzak® components, electropolished, anodized, and sealed. Reflector segments are set in arc tube image duplicating patterns to achieve light control. An additional reflector is permanently bonded to the architectural light control structure, which, in tandem with the lower optical components, creates a symmetrical pattern of light around the luminaire. T6 lamps use a G12 base, with pulse rated porcelain lampholders.

ELECTRICAL: HID electronic ballasts are mounted within a diecast enclosure. Electronic ballasts for the GS03-ST and GS03-OT are located in the base of the tower assembly. Electronic ballasts operate ceramic metal halide lamps only.

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 (WLP), 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.

WARRANTY: Philips Gardco luminaires feature a 5 year limited warranty. See Warranty Information on 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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