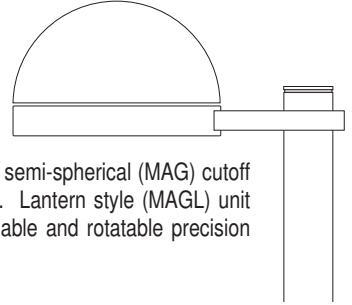


Notes:

Job:

Type:

GLOWTOP CAG/MAG/MAGL ARM MOUNT



GENERAL DESCRIPTION: The Gardco arm mounted Glowtop Form 10 products are cylindrical (CAG) or semi-spherical (MAG) cutoff luminaires for high intensity discharge lamps up to 250W. Translucent top section provides a soft uplight glow. Lantern style (MAGL) unit features a cast crown creating a classic architectural form. Luminaires can accept one of four (4) interchangeable and rotatable precision segmented optical systems.

CUTOFF CLASSIFICATION: Gardco arm mounted Glowtop luminaires provide cutoff performance

ORDERING

PREFIX	CONFIGURATION	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
<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

- CAG18** 18" Cylindrical Glowtop Luminaire
- MAG18** 18" Semi-Spherical Glowtop Luminaire
- MAGL18** 18" Semi-Spherical Glowtop Luminaire with Lantern

CONFIGURATION

- 1** Single Assembly
- 2** Twin Assembly at 180°

NOTE:
CAG/MAG/MAGL luminaires are compatible with Gardco (P)RA4.5-STB and (P)RA4.5-HB poles only.

DISTRIBUTION

- 1** Type I
- 3** Type III
- FM** Type IV
- Q** Type V

WATTAGE

- | | | | |
|--------------------------|---------------------------|---------------------------------------|-----------------------------|
| 50MH¹ | 70HPS | <i>MH</i> | <i>Metal Halide</i> |
| 70MH¹ | 100HPS | <i>HPS</i> | <i>High Pressure Sodium</i> |
| 100MH¹ | 150HPS³ | 1. Medium base lamp. | |
| 150MH¹ | | 2. 120V or 277V only - F can ballast. | |
| 175MH | | 3. Operates 55V lamp. | |
| 200MH | | | |
| 250MH² | | | |

VOLTAGE

- | | | |
|------------|------------|--|
| 120 | 240 | 480 |
| 208 | 277 | <small>480V available with 70HPS and 100 HPS only.</small> |

FINISH

- BRP** Bronze Paint
- BLP** Black Paint
- NP** Natural Aluminum Paint
- WP** White Paint
- OC** Optional Color Paint
Specify RAL designation as shown
ex: OC-RAL7024.
- SC** Special Color Paint
Specify. Must supply color chip.

OPTIONS

- F** Fusing
- HS** Internal Houseside Shield
Supplied standard with FM optics.
- POLY** Polycarbonate Sag Lens
In lieu of flat glass.

Gardco Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

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A Genlyte Company

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79115-36/0707

GLOWTOP

CAG/MAG/MAGL ARM MOUNT

SPECIFICATIONS

GENERAL: Each Gardco Form 10 arm mounted Glowtop is an 18" diameter cylindrical (CAG) or semi-spherical (MAG) performance cutoff luminaire with translucent top section providing a soft uplight glow. Lantern style (MAGL) unit includes a cast crown, which creates a classic architectural form. All luminaires utilize high intensity discharge lamps rated to 250 watts. Internal components are totally enclosed, rain-tight, dust-tight and corrosion resistant. No venting of optical system or electrical components is required or permitted. Lamping requires no lifting or hinging the luminaire housing, disturbing wiring or exposing uninsulated live parts.

HOUSING: Upper section is high impact resistant, white molded seamless acrylic providing a uniform uplight glow. Lower component is one piece, seamless spun aluminum incorporating a returned flange stiffener to protect against housing edge deformation.

ARM: Mounting arm is a single piece cast aluminum (single mount) or extruded aluminum (twin mount) and attaches to RA 4.5 style pole without fasteners or welds visible from normal viewing angles.

LENS: One piece, die cast aluminum door frame retains the optically clear, heat and impact resistant tempered flat glass in a sealed manner using hollow section, high compliance, memory retentive extruded silicone rubber. Concealed stainless steel hinge and two (2) fasteners secure lens assembly to luminaire.

OPTICAL SYSTEMS: The segmented Form Ten optical system is homogeneous sheet aluminum, electrochemically brightened, anodized and

sealed. The segmented reflectors are set in faceted arc tube image duplicator patterns to achieve IES Types I, III, IV and V distributions. The mogul base lampholder is glazed porcelain with a nickel plated screw shell - all securely attached to the reflector assembly. 50MH, 70MH, 100MH and 150MH units have medium base lampholder.

ELECTRICAL: Each high power factor ballast is capable of providing reliable lamp starting down to -20° F. The ballast is mounted on a unitized tray and is housed within the 4 1/2" pole shaft. 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 rotationally burnished before painting so spinning lines or grooves created by multiple forming passes are not evident. Internal welds will not distort or discolor external surfaces. Paint is hardcoat, fade resistant, electrostatically applied polyurethane.

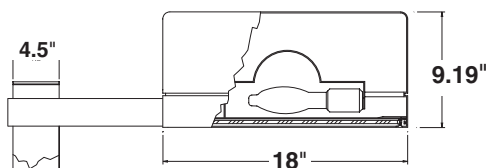
LABELS: All luminaires bear UL or CUL (where applicable) Wet Location labels.

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.

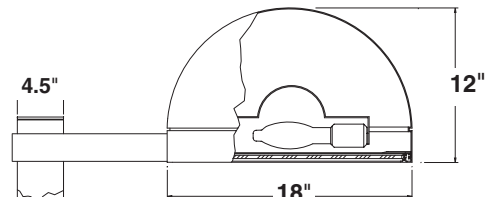
CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the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

DIMENSIONS

CAG



MAG



Size	EPA		Weight
	Single	Twin	
CAG	.9	1.6	27
MAG	.9	1.7	27

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