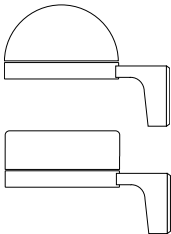


Job:  
 Type:  
 Notes:

# Glowtop

## CWG / MWG / MWGL Wall Mount

The Gardco Wall Mounted Glowtop Form 10 products are cylindrical (CWG) or semi-spherical (MWG) sharp cutoff luminaires for high intensity discharge lamps up to 150 watt in Pulse Start Metal Halide or High Pressure Sodium. Translucent top section provides a soft uplight glow. Lantern style (MWGL) unit features a cast crown creating a classic architectural form. Luminaires can accept one of three (3) interchangeable and rotatable precision segmented optical systems.



Glowtop luminaires provide cutoff performance.

<b>PREFIX</b>	<b>MOUNTING</b>	<b>DISTRIBUTION</b>	<b>WATTAGE</b>	<b>VOLTAGE</b>	<b>FINISH</b>	<b>OPTIONS</b>

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.

<b>PREFIX</b>	<b>MOUNTING</b>	<b>DISTRIBUTION</b>
<b>CWG18</b> 18" Diameter Cylindrical Glowtop	<b>I</b> Single Assembly	<b>I</b> Type I
<b>MWG18</b> 18" Diameter Semi-Spherical Glowtop	Wall Mount	<b>3</b> Type III
<b>MWGL18</b> 18" Diameter Semi-Spherical Glowtop with Lantern		<b>FM</b> Type IV

<b>WATTAGE</b>	<b>VOLTAGE</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Pulse Start MH Magnetic Ballast</td> <td style="width:33%;"><b>50MH<sup>1</sup></b></td> <td style="width:33%;"><b>100MH<sup>1</sup></b></td> </tr> <tr> <td></td> <td><b>70MH<sup>1</sup></b></td> <td><b>150MH<sup>1</sup></b></td> </tr> <tr> <td>Standard MH Magnetic Ballast*</td> <td colspan="2"><b>175MH*</b></td> </tr> <tr> <td>High Pressure Sodium Magnetic Ballast</td> <td><b>70HPS</b></td> <td><b>150HPS</b></td> </tr> <tr> <td></td> <td><b>100HPS</b></td> <td></td> </tr> </table>	Pulse Start MH Magnetic Ballast	<b>50MH<sup>1</sup></b>	<b>100MH<sup>1</sup></b>		<b>70MH<sup>1</sup></b>	<b>150MH<sup>1</sup></b>	Standard MH Magnetic Ballast*	<b>175MH*</b>		High Pressure Sodium Magnetic Ballast	<b>70HPS</b>	<b>150HPS</b>		<b>100HPS</b>		<b>120</b> <b>480</b> <b>208</b> Available with 70HPS and <b>240</b> 100HPS only. <b>277</b>
Pulse Start MH Magnetic Ballast	<b>50MH<sup>1</sup></b>	<b>100MH<sup>1</sup></b>														
	<b>70MH<sup>1</sup></b>	<b>150MH<sup>1</sup></b>														
Standard MH Magnetic Ballast*	<b>175MH*</b>															
High Pressure Sodium Magnetic Ballast	<b>70HPS</b>	<b>150HPS</b>														
	<b>100HPS</b>															
* 175MH probe start metal halide not available for sale in the United States.																

<sup>1</sup> Medium base lamp.



### FINISH

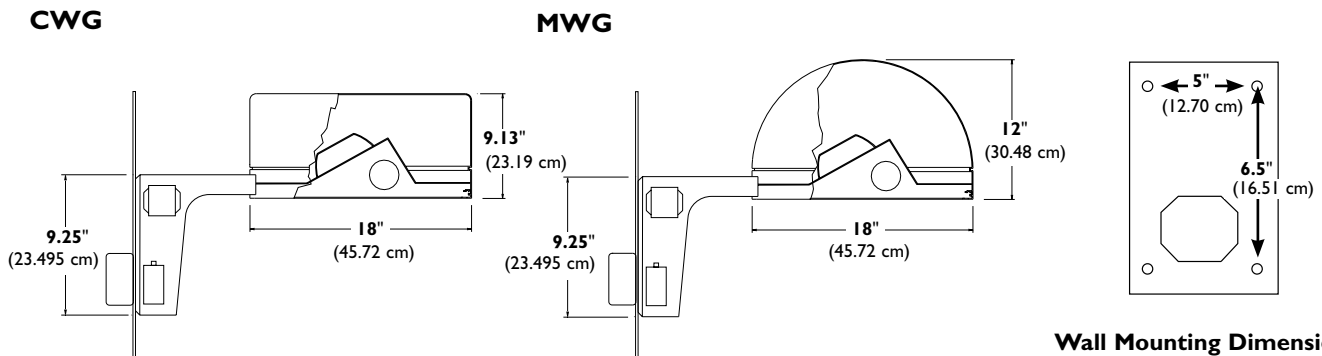
<b>BRP</b>	Bronze Paint
<b>BLP</b>	Black Paint
<b>WP</b>	White Paint
<b>NP</b>	Natural Aluminum Paint
<b>OC</b>	Optional Color Paint
	<i>Specify Optional Color or</i>
	<i>RAL ex: OC-LGP or OC-RAL7024.</i>
<b>SC</b>	Special Paint
	<i>Specify. Must supply color chip.</i>

### OPTIONS

<b>POLY<sup>2</sup></b>	Polycarbonate Sag Lens
<b>HS<sup>3</sup></b>	Internal House Side Shield
<b>IM<sup>4</sup></b>	Inverted Mounting

2. In lieu of flat glass. Polycarbonate lenses carry a 1 year warranty only.
3. Supplied standard with FM optics.
4. Damp locations only.

### DIMENSIONS AND EPA



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

© 2010 Koninklijke Philips Electronics N.V. All Rights Reserved.

Philips Gardco 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.

79115-38/0810

**PHILIPS**



### SPECIFICATIONS

**GENERAL DESCRIPTION:** Each Gardco Form 10 wall mounted Glowltop is an 18" diameter cylindrical (CWG) or semi-spherical (MWG) performance sharp cutoff luminaire with translucent top section providing a soft uplight glow. Lantern style (MWGL) unit includes a cast crown, which creates a classic architectural form. All luminaires utilize high intensity discharge lamps up to 150 watt in Pulse Start Metal Halide or High Pressure Sodium. 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 upright glow. Lower component is one piece, seamless spun aluminum incorporating a returned flange stiffener to protect against housing edge deformation.

**WALL BRACKET:** Hooking cast aluminum wall bracket conceals 10 ga. mounting plate. Ballast is mounted in wall bracket. Assembly hinges up for service.

**LENS:** One piece, diecast 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, and IV 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 the separate component type, capable of providing reliable lamp starting down to -20° F. The ballast is mounted on a unitized tray and is housed within the wall bracket. 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.

**WARRANTY:** 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.

1611 Clovis Barker Road, San Marcos, TX 78666

(800) 227-0758 (512) 753-1000 FAX: (512) 753-7855 [sitelighting.com](http://www.sitelighting.com)

© 2010 Koninklijke Philips Electronics N.V. All Rights Reserved.

Philips Gardco 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.

79115-38/0810

**PHILIPS**

