

# 100 LINE

## 101 PERFORMANCE SCONCE

### SPECIFICATIONS

**GENERAL:** Each Gardco 101 Line luminaire is a wall mounted cutoff luminaire for high intensity discharge or compact fluorescent lamps. Internal components are totally enclosed in a rain-tight, dust-tight and corrosion resistant housing. The housing, back plate and door frame are diecast aluminum. A choice of three (3) optical systems is available. Luminaires are suitable for wet locations (damp locations if inverted).

**HOUSING:** Single-piece soft trapezoidal housings are diecast aluminum. A memory retentive gasket seals the housing with the doorframe to exclude moisture, dust, insects and pollutants from the optical system. A black, diecast ribbed backplate dissipates heat for longer lamp and ballast life.

**DOOR FRAME:** A single-piece diecast aluminum door frame integrates to the housing form. The door frame is hinged closed and secured to the housing with two (2) captive stainless steel fasteners. The heat and impact resistant 1/8" tempered glass lens and one-piece gasket are mechanically secured to the door frame with four (4) galvanized steel retainers.

**OPTICAL SYSTEMS:** Reflectors are composed of specular extruded and faceted Alzak<sup>®</sup> components, electropolished, anodized and sealed. Reflector segments are set in arc tube image duplicating patterns to achieve the wide throw, forward throw or medium throw downlight distributions.

**ELECTRICAL: Standard Luminaires:** Each high power factor ballast is the separate component type, capable of providing reliable lamp starting down to -20° F. 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.

Standard and dimming fluorescent units have a starting temperature of 0°F (-18°C). Dimming range is 15% to 100% Standard fluorescent ballasts are solid state.

**EM Luminaires:** Electronic fluorescent ballasts are high power factor. Sockets are high temperature polycarbonate with brass contacts. In the event of power interruption, integral battery pack will power (1) 42W or (2) 26W compact fluorescent lamps at reduced light levels. Maintenance free battery is rated for ambient temperatures down to 0°C. Indicator light is visible through the lens. A test switch is accessible through the door assembly.

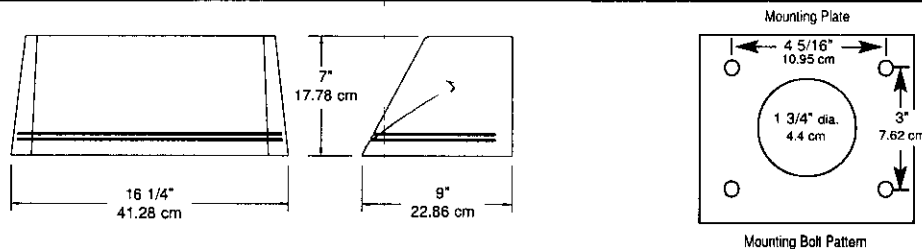
**EMR Luminaires:** Electronic fluorescent ballasts are high power factor. Sockets are high temperature PBT with brass contacts. A 7.5', 11 wire, quick disconnect assembly is provided for wiring through conduit (by others) to a Bodine B84C fluorescent emergency ballast. The B84C fluorescent emergency ballast is not provided by Gardco unless the B84C Option is specified on the order to the factory. In the event of power interruption, The remote battery pack (B84C) will power (1) 42W or (2) 26W compact fluorescent lamp at reduced light levels. Maintenance free battery is rated for ambient temperatures down to 0°C. Indicator light is visible through the lens. A test switch is accessible through the door assembly.

**LAMPHOLDER:** Pulse rated medium base sockets are glazed porcelain with nickel plated screw shell. Fluorescent sockets are high temperature plastic (PBT) with brass alloy contacts.

**FINISH:** Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BRP), black (BLP), white (WP), natural aluminum (NP) and beige (BGP). Consult factory for specs on custom colors.

**LABELS:** All fixtures bear UL or CUL (where applicable) labels. Lens down application is Wet Location and lens up is Damp Location, except when using the optional inverted Wet Location components.

### DIMENSIONS



Note: Mounting plate center is located in the center of the luminaire width and 3.5" above the luminaire bottom (lens down position). Splices must be made in the J-box (by others). Mounting plate must be secured by max. 5/16" diameter bolts (by others) structurally to the wall.

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A Genlyte Company

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100-DR-2004  
10/27/2004

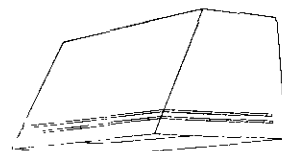
Notes:

Job:

Type:

# 100 LINE

## 101 PERFORMANCE SCNCE



The Gardco 101 Trapezoidal Wedge high performance sconce offers an excellent alternative to unsightly wall mounted fixtures. These architecturally refined luminaires are designed to integrate naturally to wall surfaces. The 101 luminaires are available with three (3) different distribution patterns - a wide throw, a medium throw and a forward throw. Each luminaire is designed to accept sources up to 175MH. Housings are sealed throughout, completely excluding moisture, dust, insects and contaminants.

### ORDERING

PREFIX	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
101	MT	242TRF	120		

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

- 101 Trapezoidal Wedge  
 101EM Emergency Sconce  
 101EMR Remote Emergency Sconce

Refer to configuration Chart below for available combinations

### DISTRIBUTION

- FT Forward Throw *Not Available with Fluorescent Lamps*  
 WT Wide Throw *Not Available with Fluorescent Lamps*  
 MT Medium Throw

### WATTAGE AND VOLTAGE

#### LAMP/VOLTAGE CHART - 101

Voltage:	120	208	240	277	347	480
<b>E17</b>						
50MH	•	•	•	•	•	•
70MH	•	•	•	•	•	•
100MH	•	•	•	•	•	•
150MH	•	•	•	•	•	•
175MH	•	•	•	•	•	•
<b>35HPS</b>	•	•	•	•	•	•
50HPS	•	•	•	•	•	•
70HPS	•	•	•	•	•	•
100HPS	•	•	•	•	•	•
150HPS	•	•	•	•	•	•
50CMHE	•	•	•	•	•	•
70CMHE	•	•	•	•	•	•
100CMHE	•	•	•	•	•	•
<b>Fluorescent</b>						
26QF <sup>1</sup>	•	•	•	•	•	•
226QF <sup>1</sup>	•	•	•	•	•	•
32TRF <sup>1</sup>	•	•	•	•	•	•
42TRF <sup>1</sup>	•	•	•	•	•	•
242TRF <sup>1</sup>	•	•	•	•	•	•

#### CONFIGURATION CHART - 101EM

	Distribution			Voltage					
	FT	WT	MT	120	208	240	277	347	480
<i>Fluorescent</i>									
226QF	•	•	•	•	•	•	•	•	•
42TRF	•	•	•	•	•	•	•	•	•

#### CONFIGURATION CHART - 101EMR

	Distribution			Voltage					
	FT	WT	MT	120	208	240	277	347	480
<i>Fluorescent</i>									
226QF	•	•	•	•	•	•	•	•	•
42TRF	•	•	•	•	•	•	•	•	•
242TRF	•	•	•	•	•	•	•	•	•

Combinations marked with a dot are available for ordering.

MH - Metal Halide CMHE - Ceramic Metal Halide with Electronic Ballast

HPS - High Pressure Sodium QF - Quad Fluorescent

TRF - Triple Tube Fluorescent

1. 26QF, 32TRF and 42TRF types feature an electronic fluorescent ballast that accepts 120V through 277V, 50Hz or 60Hz input.

2. Contact factory for Fluorescent Dimming

### FINISH

- BRP Bronze Paint  
 BLP Black Paint  
 WP White Paint  
 NP Natural Aluminum Paint  
 BGP Beige Paint  
 OC Optional Color Paint  
 Specify RAL designation as shown in Color Selection Guide, ex: OC-RAL7024  
 SC Special Color Paint  
 (Specify. Must supply color chip)

### OPTIONS

- F Fusing 120V/277V only  
 PCB Button Type Photocontrol n/a w/480V  
 QS Quartz Standby  
 HID only, N/A with CMHE Ballasts or with 175MH-480V  
 Q924 Quartz Emergency  
 HID, WT Optics only. 150w max  
 Solite<sup>®</sup> Diffusing Lens  
 SL Solite<sup>®</sup> Diffusing Lens  
 UT 5° Uptilt  
 WLU Wet Location Door for Inverted Mount  
 .Not available with WG option

- WS Wall Mounted Box for Surface Conduit  
 WS/UT WS Option w/5° Uptilt  
 WG Wire Guard *Not available with WLU option*  
 B84C Bodine Remote Emergency Pack  
 EMR luminaires only, Must be ordered here or supplied by others  
 B84C-CAN Bodine Remote Emergency Pack - Canada  
 EMR luminaires only, Must be ordered here or supplied by others

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