

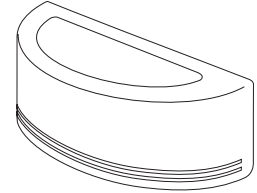
Notes:

Job:

Type:

100 LINE

103 HALF CYLINDER UP/DOWN SCONCE



GENERAL DESCRIPTION: The Gardco 103 half-cylinder high performance sconce is an architecturally refined luminaire designed to integrate naturally to wall surfaces. The 103 is available with four (4) different up/down optical combinations, each offering a specific distribution appropriate to the downlight task, combined with a decorative element. Each luminaire is designed to accept HID sources up to 175MH, and Compact Fluorescent up to (2) 42 watt. Housings are sealed throughout, completely excluding moisture, dust, insects and contaminants.

ORDERING

PREFIX	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS

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

103	Half Cylinder Up/Down
103EM	Emergency Sconce
103EMR	Remote Emergency Sconce

Refer to configuration Chart below for available combinations.

DISTRIBUTION

FT-U	Forward Throw Downlight w/10% Uplight <i>N/A w/Fluorescent Lamps.</i>
WT-U	Wide Throw Downlight w/10% Uplight <i>N/A w/Fluorescent Lamps.</i>
MT-U	Medium Throw Downlight w/10% Uplight
MT-UD	Medium Throw 50 % Downlight w/50% Uplight

WATTAGE AND VOLTAGE

LAMP / VOLTAGE CHART - 103

E17 - HID	Voltage					
	120	208	240	277	347	480
50MH	•			•		
70MH	•	•	•	•	•	
100MH	•	•	•	•	•	•
150MH	•	•	•	•	•	•
175MH	•	•	•	•	•	•
50CMHE ¹	UNIV					
70CMHE ¹	UNIV					
100CMHE ¹	UNIV					
35HPS	•					
50HPS	•			•		
70HPS	•	•	•	•	•	•
100HPS	•	•	•	•	•	•
150HPS	•	•	•	•	•	•
<i>Fluorescent</i>						
26QF ¹	UNIV					
226QF ¹	UNIV					
32TRF ¹	UNIV					
232TRF ¹	UNIV					
42TRF ¹	UNIV					
242TRF ¹	UNIV					

CONFIGURATION CHART - 103EM

Fluorescent	Distribution				Voltage					
	FT-U	WT-U	MT-U	MT-UD	120	208	240	277	347	480
226QF ²			•	•	•			•		
32TRF			•	•	•			•		
42TRF			•	•	•			•		

CONFIGURATION CHART - 103EMR

Fluorescent	Distribution				Voltage					
	FT-U	WT-U	MT-U	MT-UD	120	208	240	277	347	480
226QF ²			•	•	•			•		
32TRF			•	•	•			•		
232TRF ²			•	•	•			•		
42TRF			•	•	•			•		
242TRF ²			•	•	•			•		

Combinations marked with a dot or shown with "UNIV" 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. Fluorescent and CMHE luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" voltage for 120V through 277V.

2. One (1) lamp is powered in emergency mode.

FINISH

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

OPTIONS

F	Fusing 120V through 277V only.
PCB	Button Type Photocontrol n/a w/480V.
QS³	Quartz Standby
QST³	Quartz Standby - Timed Delay
	3. HID only, N/A with CMHE Ballasts, FT Optics or in 480V. 100w Quartz max.
Q924⁴	Quartz Emergency
Q12V⁴	Quartz 12V Emergency
	4. WT Optic only. 150w HID maximum. 100w Quartz maximum.
SL	Solite® Diffusing Lens
UT	5° Uplight
NUL	Narrow Uplight Louver

WS	Wall Mounted Box for Surface Conduit <i>Rear entry permitted.</i>
WS/UT	WS Option w/5° Uplight <i>Rear entry permitted.</i>
WG	Wire Guard
POLY	Polycarbonate Sag Lens 100w HID maximum.

EMR Luminaires Only:

B84CG	Bodine Emergency Battery Pack Emergency Battery Packs for EMR types <i>MUST</i> be ordered with luminaires and supplied by Gardco.
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A Genlyte Company

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79115-131/0907

100 LINE

103 HALF CYLINDER UP/DOWN SCONCE

SPECIFICATIONS

GENERAL: Each Gardco 103 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 die cast aluminum. Four (4) up/down optical combinations are available. Luminaires are suitable for wet locations (damp locations if inverted).

HOUSING: Single-piece aluminum housings are die cast in a half-cylindrical form. Units feature a prismatic tempered glass top lens which is mechanically secured and silicone sealed. A memory retentive gasket seals the housing with the doorframe to exclude moisture, dust, insects and pollutants from the optical system. A black, die cast ribbed backplate dissipates heat for longer lamp and ballast life.

DOOR FRAME: A single-piece die cast 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" (.32cm) tempered glass lens and one-piece gasket are mechanically secured to the door frame with five (5) galvanized steel retainers.

OPTICAL SYSTEMS: Reflectors are composed of specular extruded and faceted 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 HID core and coil ballast is the separate component type, capable of providing reliable lamp starting down to -20°F/-29°C. 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 302°F/150°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

Standard fluorescent units have a starting temperature of 0°F/-18°C. Standard fluorescent ballasts are high power factor electronic solid state.

EM Luminaires: In the event of power interruption, integral battery pack will power (1) 42W, (1) 32W or (1) 26W compact fluorescent lamp at reduced light levels for a minimum of 90 minutes. Maintenance free battery is rated for ambient temperatures down to 32°F/0°C (EM). Indicator light is visible through the lens. A test switch is accessible through the door assembly. EM units do not bear CUL label.

EMR Luminaires: A 7.5'/2.29m, 12 wire, quick disconnect assembly is provided for wiring through conduit (by others) to a Bodine B84CG fluorescent emergency battery pack. The fluorescent emergency battery pack MUST be supplied by Gardco. The B84CG option is required to be on the order to the factory.

In the event of power interruption, the B84CG remote battery pack will power (1) 42W, (1) 32W or (1) 26W compact fluorescent lamp at reduced light levels for a minimum of 90 minutes.

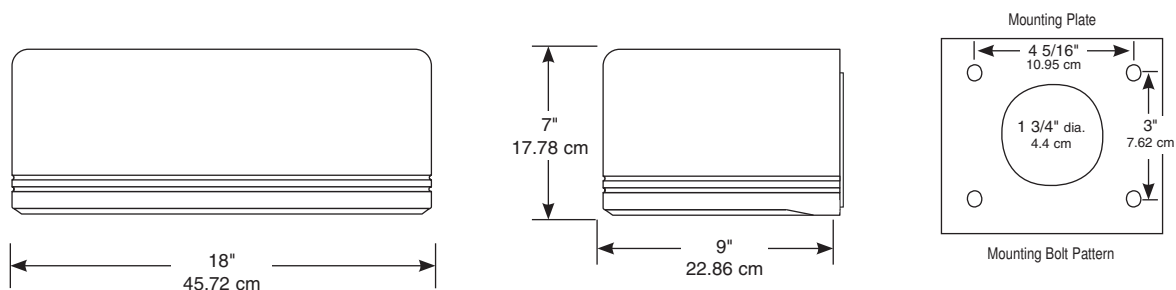
Maintenance free battery is rated for ambient temperatures down to 32°F/0°C. Minimum luminaire starting temperature is 0°F/-18°C. Indicator light is visible through the lens. A test switch is accessible through the door assembly. NOTE: B84CG does not bear CUL label.

LAMPHOLDER: Pulse rated medium base sockets are glazed porcelain with nickel plated screw shell. Fluorescent sockets are high temperature (PBT) with brass 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 luminaires bear UL or CUL (where applicable) labels, except as noted. Lens down application is Wet Location and lens up is Damp Location.

DIMENSIONS



Note: Mounting plate center is located in the center of the luminaire width and 3.5" (8.89cm) 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" (.79cm) diameter bolts (by others) structurally to the wall.

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