

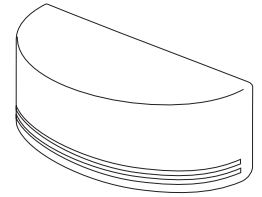
Notes:

Job:

Type:

110 LINE

114 HALF CYLINDER DOWNLIGHT MINI SCONCE



GENERAL DESCRIPTION: A performance luminaire in every sense, the 110 Line combines high output and cutoff illumination with design and construction worthy of landmark architecture. The 114 Mini Sconce is a half-cylinder downlight, producing full cutoff performance without the high angle brightness of refractor type products, and providing an attractive choice for controlled illumination at points of entry. Seamless material transitions, flawless finishes and engineering consideration of installation, service and long term operation makes one immediately appreciate that size need not compromise quality.

CUTOFF PERFORMANCE: 114 luminaires installed in the normal downlight position, with a flat glass lens, provide full cutoff performance.

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

114	Half-Cylinder	<i>Refer to configuration chart below for available combinations.</i>
114EM	Emergency Sconce	
114EMC	Emergency Sconce Cold Temperature	
114EMR	Remote Emergency Sconce	

DISTRIBUTION

FT	Forward Throw	<i>T6 MH and CMHE types only.</i>
WT	Wide Throw	<i>T6 MH and CMHE types only.</i>
MT	Medium Throw	<i>Fluorescent and E-17 lamp only.</i>

WATTAGE AND VOLTAGE

LAMP / VOLTAGE CHART - 114

	MT DISTRIBUTION					
	Voltage					
<i>E17 - HID</i>	120	208	240	277	347	480
50MH	●			●		
70MH	●	●	●	●	●	
35HPS	●					
50HPS	●			●		
70HPS	●	●	●	●	●	
<i>Fluorescent</i>						
26QF¹			UNIV		●	
32TRF¹			UNIV		●	
42TRF¹			UNIV		●	
<i>Incandescent</i>						
INC	●					

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 Tube Fluorescent
 TRF Triple Tube Fluorescent

LAMP / VOLTAGE CHART - 114

	FT / WT DISTRIBUTION					
	Voltage					
<i>T Lamps</i>	120	208	240	277	347	480
<i>(T6 Lamps Supplied by Gardco.)</i>						
T39MH	●			●		
T70MH	●	●	●	●	●	
T39CMHE¹	UNIV					
T70CMHE¹	UNIV					

CONFIGURATION CHART - 114EM, 114EMC, OR 114EMR

<i>Fluorescent</i>	Distribution			Voltage					
	FT	WT	MT	120	208	240	277	347	480
26QF			●	●			●		
32TRF			●	●			●		
42TRF²			●	●			●		

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. Not Available in 114EM or 114EMC.

FINISH

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

OPTIONS

F	Fusing 120V through 277V only, N/A with Incandescent.
PCB	Button Type Photocontrol
SL	Solite [®] Diffusing Lens
WG	Wire Guard
WS	Wire Mounted Box for Surface Conduit <i>Rear entry is permitted.</i>

EMR Luminaires Only:

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

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79115-153/0907

110 LINE

114 HALF CYLINDER DOWNLIGHT MINI SCONCE

SPECIFICATIONS

GENERAL: Each Gardco 114 luminaire is a wall mounted cutoff luminaire for high intensity discharge, compact fluorescent or incandescent 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. A choice of three (3) optical systems is available. Luminaires are suitable for wet locations (damp locations if inverted).

HOUSING: Single-piece half cylinder housings are die cast aluminum. 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.

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 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 and EMC Luminaires: In the event of power interruption, integral battery pack will power (1) 32W or (1) 26W compact fluorescent lamps 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) or -4°F/-20°C (EMC). Indicator light is visible

through the lens. A test switch is accessible through the door assembly. EM and EMC 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 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. T6 lamps use a G12 base, pulse rated porcelain sockets. Fluorescent sockets are high temperature PBT with brass contacts.

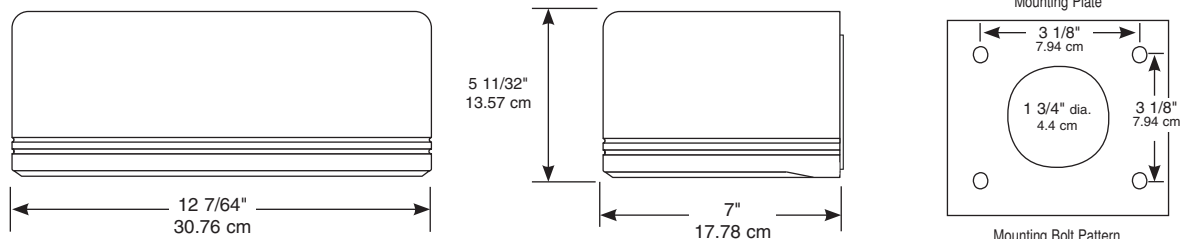
FINISH: Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BRP), black (BLP), white (WP), natural aluminum (NP) and beige (BGP). Consult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

LABELS: All luminaires bear either UL or CUL (where applicable) Wet Location labels. Lens down application is Wet Location and lens up is Damp Location.

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



Note: Mounting plate center is located in the center of the luminaire width and 2.38" (6.03cm) 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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