

100 LINE

113 / 114 PERFORMANCE MINI SCONCE



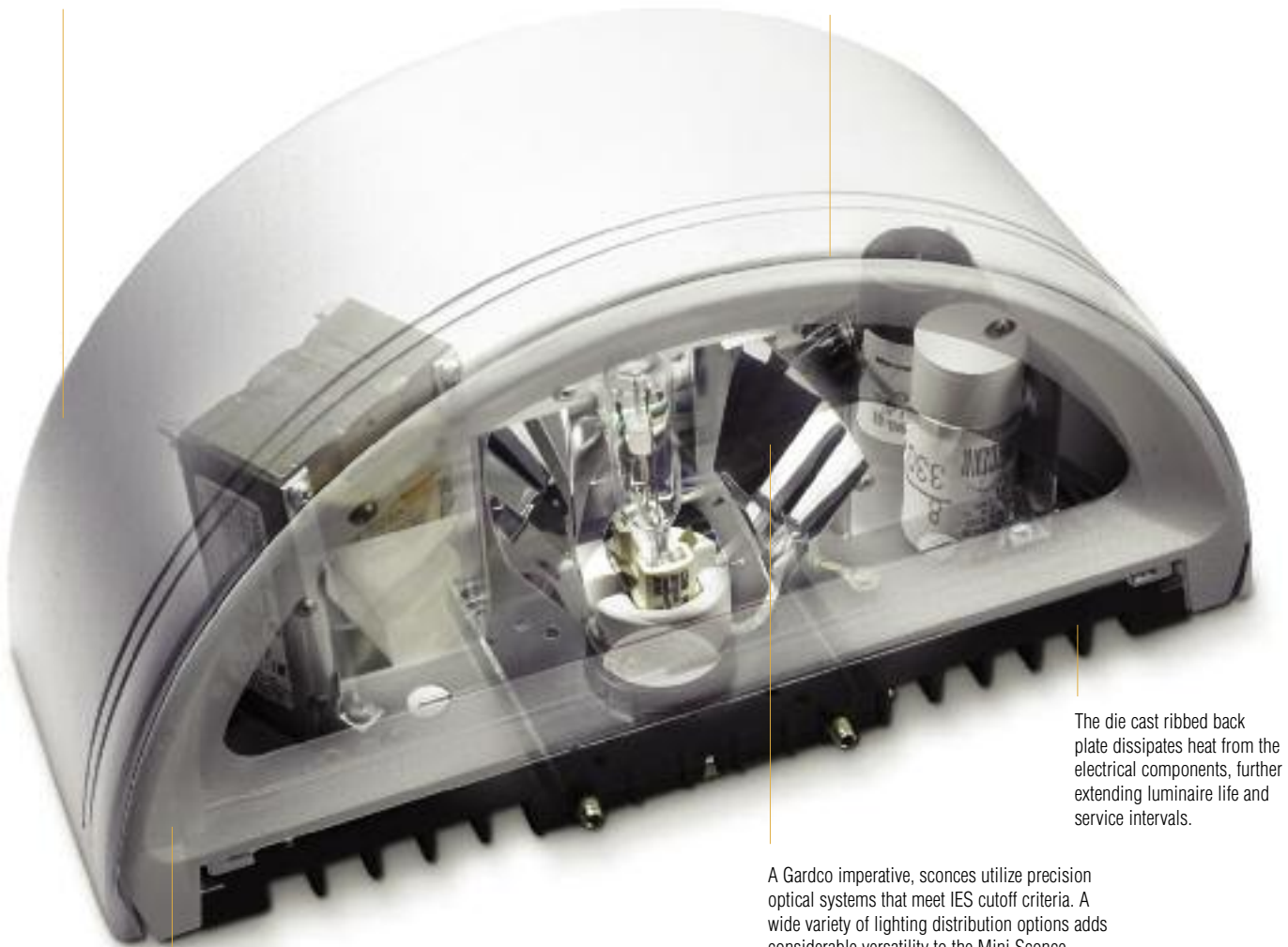
GARDCO
LIGHTING

113 / 114 MINI SCONCE

The 113 up/downlight and 114 uplight Mini Sconces mirror the renowned Gardco 100 Line, with its classic styling, intelligent engineering and integrity of construction. Most importantly, these compact luminaires provide cutoff illumination without the high angle brightness associated with refractor type products. This makes these sconces an attractive choice for controlled illumination at points of entry. Three optical distributions and both HID and fluorescent lamps offer the specifier flexibility in meeting both architectural and code demands. 113 luminaires meet IESNA Cutoff criteria, and 114 luminaires meet IESNA Full Cutoff criteria when mounted in the normal downlight position.

The finish is a fade and abrasion resistant, electrostatically applied, thermally cured TGIC powdercoat. Housings are thoroughly cleaned and chromate acid treated prior to paint application. Standard colors feature the lightly textured Gardco finish. Custom colors may vary in texture, so please consult factory.

The arrangement of components, hardware, hinging mechanisms and material transitions all speak to the integrity of the design and construction program.



The die cast ribbed back plate dissipates heat from the electrical components, further extending luminaire life and service intervals.

A Gardco imperative, sconces utilize precision optical systems that meet IES cutoff criteria. A wide variety of lighting distribution options adds considerable versatility to the Mini Sconce.

The die cast door frame is secured with two captive stainless steel fasteners and hinges for easy relamping. The housing is completely sealed at all points of material transition to thoroughly exclude moisture, dirt and insects.

Scale and proportion are correct and satisfying from every viewing angle. Surfaces are sculptural, natural, refined. There are no visible transitions between door frame and luminaire. There is no visible hardware.

While the architectural appeal of Gardco sconces is self-evident, equal attention has been devoted to the construction and long term performance of the luminaires. It is a quality that never goes out of style.



The luminaire installs easily. Mounting plate is affixed to wall, splices are made and luminaire is secured to plate.



The die cast ribbed back plate dissipates heat from the electrical components.



Electrical components are mounted to the die cast back plate.



The die cast door frame is secured with two captive stainless steel fasteners and hinges for easy relamping.



The die cast housing is completely sealed at all points of material transition to thoroughly exclude moisture and insects.

Life Safety Egress Emergency Lighting

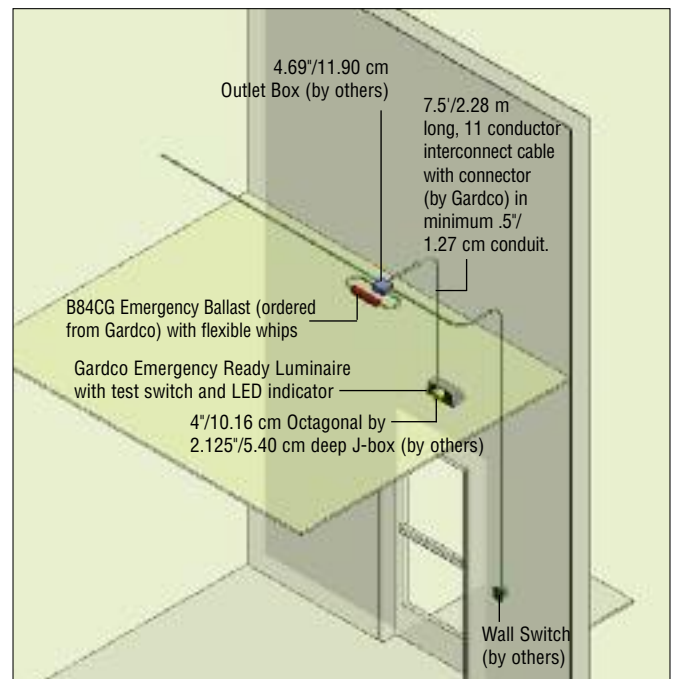
113 & 114 Mini Sconces are available in EM (Integral Emergency), EMC (Integral Emergency Cold Temperature) and EMR (Emergency Remote) versions that allow for path of egress emergency lighting.

EM and EMC luminaires utilize an integral emergency pack consisting of a high-temperature nickel-cadmium battery with charging and electronic circuitry on a protected circuit board. EMR sconces utilize remote emergency battery packs and electronic circuitry.

EM units provide batteries rated to 0°C / 32°F ambient and are the economical choice where freezing temperatures are not a factor. For lower temperature areas, EMC units offer batteries rated to -18°C / 0°F ambient. Both EM and EMC types are limited to 32w compact fluorescent lamps. For more extreme ambient temperature conditions, EMR luminaires are the solution.

Sconce Emergency Highlights

- Electronic fluorescent ballasts are high power factor. Sockets are high temperature PBT with brass contacts.
- Operates lamps at minimum of 90 minutes at reduced light levels.
- Battery has 7-10 year life expectancy and requires no maintenance.
- Test switch accessible via easy-hinge door frame. Tamper-resistant hardware available.
- Configure for switched or unswitched normal mode circuits.



Typical EMR installation.

ORDERING

example

| PREFIX | DISTRIBUTION | VOLTAGE | WATTAGE | FINISH | OPTIONS |
|--------|--------------|---------|---------|--------|---------|
| 113 | WT-U | 120 | 50MH | BRP | F |

| | | | |
|---------------|---|-------------|---|
| 113 | 113 Half Cylinder, Up/Down Emergency Sconce <i>26QF and 32TRF w/MT only.</i> | FT-U | Forward Throw with Uplight <i>T6 MH and CMHE Types only.</i> |
| 113EMC | Emergency Sconce Cold Temperature <i>26QF and 32TRF w/MT only.</i> | WT-U | Wide Throw with Uplight <i>T6 MH and CMHE Types only.</i> |
| 113EMR | Remote Emergency Sconce <i>Fluorescent w/MT only.</i> | MT-U | Medium Throw with Uplight <i>Fluorescent and E-17 lamp only.</i> |

Refer to charts below for voltage and wattage configurations.

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

| | |
|------------|---|
| F | Fusing <i>120V through 277V only, N/A with Incandescent.</i> |
| PCB | Button Type Photocontrol <i>Not available with 113EM.</i> |
| SL | Solite® Diffusing Lens |
| WG | Wire Guard |
| WS | Wall Mounted Box for Surface Conduit <i>Rear entry permitted.</i> |

| | | | |
|---------------|--|-----------|--|
| 114 | 114 Half Cylinder Emergency Sconce <i>26QF and 32TRF w/MT only.</i> | FT | Forward Throw <i>T6 MH and CMHE Types only.</i> |
| 114EM | Emergency Sconce Cold Temperature <i>26QF and 32TRF w/MT only.</i> | WT | Wide Throw <i>T6 MH and CMHE Types only.</i> |
| 114EMC | Emergency Sconce Cold Temperature <i>26QF and 32TRF w/MT only.</i> | MT | Medium Throw <i>Fluorescent and E-17 lamp only.</i> |
| 114EMR | Remote Emergency Sconce <i>Fluorescent w/MT only.</i> | | |

EMR LUMINAIRES ONLY:

| | |
|------------------|--|
| B30* | Bodine Remote Emergency Pack <i>Full light output in emergency mode.</i> |
| B84CG* | Bodine Emergency Battery Pack |
| B94C-CAN* | Bodine Remote Emergency Pack – Canada |

LAMP/VOLTAGE CHART – 113 & 114

MT/MT-U DISTRIBUTION

| Voltage | 120 | 208 | 240 | 277 | 347 | 480 |
|---------------------|-----|------|-----|-----|-----|-----|
| E17 | | | | | | |
| 50MH | • | | | • | • | |
| 70MH | | • | • | • | • | |
| 35HPS | • | | | | | |
| 50HPS | • | | | • | • | |
| 70HPS | • | | | • | • | |
| Fluorescent | | | | | | |
| 26QF ¹ | | UNIV | | | • | |
| 32TRF ¹ | | UNIV | | | • | |
| 42TRF ¹ | | UNIV | | | • | |
| Incandescent | | | | | | |
| INC 150w max | • | | | | | |

LAMP/VOLTAGE CHART – 113 & 114

WT/WT-U/FT/FT-U DISTRIBUTION

| Voltage | 120 | 208 | 240 | 277 | 347 | 480 |
|--|------|-----|-----|-----|-----|-----|
| T Lamps <i>T6 lamps supplied by factory</i> | | | | | | |
| T39MH | • | | | • | | |
| T70MH | • | • | • | • | • | |
| T39CMHE | UNIV | | | | | |
| T70CMHE | UNIV | | | | | |

Notes:

1. Fluorescent and CMHE luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 260hz, input. Specify "UNIV" voltage for 120V through 277V.

MH – Metal Halide • CMHE – Ceramic Metal Halide with Electronic Ballast
HPS – High Pressure Sodium • QF – Quad Tube Fluorescent
TRF – Triple Tube Fluorescent

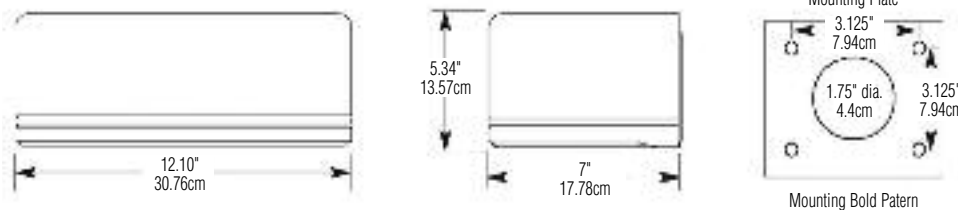
CONFIGURATION CHART – 113 and 114 EM/EMR/EMC

DISTRIBUTION

VOLTAGE

| | FT | FT-U | WT | WT-U | MT | MT-U | 120 | 208 | 240 | 277 | 347 | 480 |
|-----------------------|----|------|----|------|-----|------|-----|-----|-----|-----|-----|-----|
| Fluorescent | | | | | | | | | | | | |
| 26QF | | | | | 114 | 113 | • | | | • | | |
| 32TRF | | | | | 114 | 113 | • | | | • | | |
| 42TRF <i>EMR only</i> | | | | | 114 | 113 | • | | | • | | |

DIMENSIONS



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Prior to ordering, consult submittal data sheet on www.sitelighting.com for full specifications and the most current information.



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