

# ECCO LUNA LED



Job: \_\_\_\_\_

Type: \_\_\_\_\_

Model: \_\_\_\_\_

Date: \_\_\_\_\_



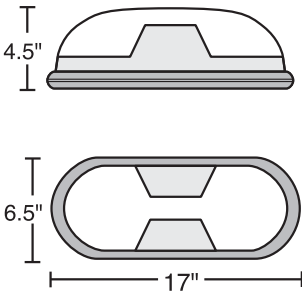
### internal

The **ECCO LUNA LED** emergency lighting unit is configured with 120/277V input and current limit protection. Current charge regulator is standard. Minimum 90 minutes emergency duration. Fully recharged in under 24 hours.

### external

The **ECCO LUNA LED** housing is constructed from high quality corrosion, flame and vandal resistant polycarbonate. The highly efficient lens completely encloses and protects the unit's lamp assemblies. Vandal resistant latch clips ensure the integrity of the **ECCO LUNA LED** emergency lighting unit. An external test switch allows for momentary test operation. The **ECCO LUNA LED** is suitable for surface mounting on wall or ceiling in both indoor and wet locations.

### dimensions



Weight: 5 pounds

### ordering information

EXAMPLE: EL SE 205LED 120/277V

| Series                                    | Operation | Lamps                    | Input Voltage | Options                                                                                                                                     |
|-------------------------------------------|-----------|--------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| EL                                        | SE        | 205LED (2 x 5W LED MR16) | 120/277V      | 120SP (120 minutes emergency)<br>AT (autotest with 10 min. time delay)<br>B (black housing)<br>CS (cordset, 120V only)<br>W (white housing) |
| <b>Accessories</b>                        |           |                          |               |                                                                                                                                             |
| BPG1 (wire guard, 17" x 17" x 17")        |           |                          |               |                                                                                                                                             |
| WG 4.5DX19.5LX13W WHT (wire guard, white) |           |                          |               |                                                                                                                                             |

## ■ electrical

**BATTERY:** The **ECCO LUNA LED** emergency unit uses a 6V, 5.0 Ah sealed lead calcium battery that provides a minimum 90 minutes emergency illumination. An optional NiMH battery is available for 120 minutes of emergency illumination. The battery operating temperature is from 32°F to 104°F (0°C to 40°C).

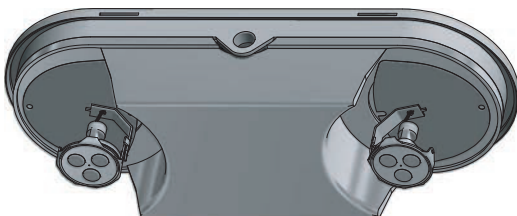
**CIRCUIT:** The automatic recharge circuit is regulated by an electronic volt sensor and the battery is protected by a low-voltage cut-off circuit. An input voltage of 120/277V can be field selected during installation.

**LAMPS:** 2 @ 5W LED MR16 lamps, 932 lm total, 5000K CCT, >80 CRI. (10W total capacity).

## ■ mechanical

The **ECCO LUNA LED** frame is constructed of corrosion, flame & vandal resistant polycarbonate in a light gray finish. The polycarbonate diffuse lens is engineered to effectively deliver the greatest amount of light with the least transmittal loss. The **ECCO LUNA LED** diffuser is UV stabilized and provides superior light distribution with spacing up to 80 ft. The co-injection process increases the strength and durability of the ECCO LUNA LED while creating a seamless architectural aesthetic.

Lamp assemblies can be rotated, aimed and locked on two (2) axes for the ultimate in flexibility, proper positioning and ease of use.



## ■ warranty

The **ECCO LUNA LED** comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

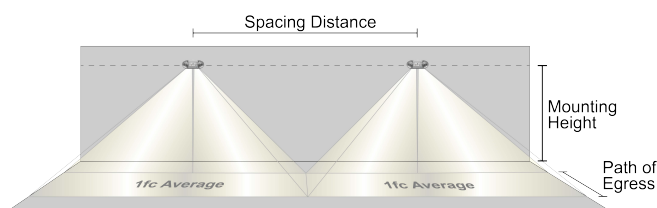
## ■ vandal resistant design

The **ECCO LUNA LED** lens cover has been designed to fully enclose the lamp assemblies. This protects the lamp heads from tampering and unwanted repositioning. Vandal resistant housing latch clips are inconspicuous to ensure the integrity of the **ECCO LUNA LED** and discourage fixture tampering.

## ■ autotest

The Beghelli autotest system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 90 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multicolor LED. No need to memorize complex indicator protocols. No confusing array of multiple, same colored LEDs that can be difficult to read from floor level. The **ECCO LUNA LED** Auto-Test option includes an automatic 10 minutes time delay function to allow HID lighting to "warm up".

## ■ spacing



| Model | Lamp Type  | Mounting Height | On-Center Spacing (multiple fixtures) | Path of Egress |
|-------|------------|-----------------|---------------------------------------|----------------|
| EL    | MAR16- LED | 7.5 ft          | 70                                    | 3 ft           |
| EL    | MAR16- LED | 10 ft           | 80                                    | 3 ft           |

Disclosure: Spacing is measured in lab conditions with an assumed open space, no obstructions and reflection rates of 80 (ceiling)/50 (walls)/20 (floor). Actual spacing may vary depending on what environment the fixture is installed in.