

Job/Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

Job Type: \_\_\_\_\_  
 Date: \_\_\_\_\_



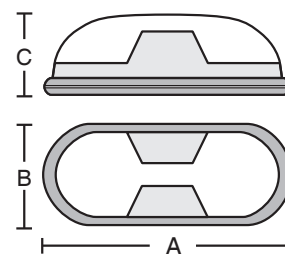
## ■ specifications: internal

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.

## ■ specifications: 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 wall or ceiling mounting, indoor/wet location.

## ■ dimensions (in,mm.)



Series	A	B	C
EL	17"	6 1/2"	4 1/2"
	432mm	165mm	114mm

## ■ ordering logic

Series*	Operation	Lamps	Input Voltage	Options
EL	SE	205LED (2 x 5W LED MR16)	120/277V	AT (autotest with 10 min. time delay)
				120SP (120 minutes emergency)
				B (black housing)
				W (white housing)
				CC (custom color)
				CS (cordset, 120V only)
				BPG1 <sup>1</sup> (wireguard)

NOTE 1: Must be ordered as a separate line item #100002500-001.

EXAMPLE: EL-SE-205LED-120/277V

DESCRIPTION: Ecco Luna LED emergency luminaire, 6V 10W unit, 2x5W LED MR16 lamps, 120/277V, 90 minute runtime.

## ■ specifications: electrical

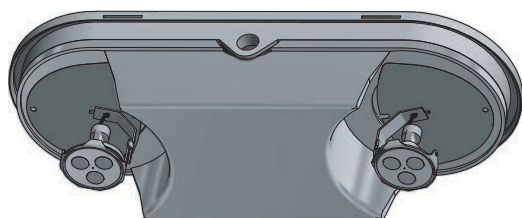
**BATTERY:** The **ECCO LUNA LED** emergency unit uses an internally sealed lead acid battery that provides a minimum 90 minutes emergency duration. An optional 120 minutes NiMH battery is available. The battery operating temperature is from 50°F up to 104°F (10°C up to 40°C).

**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.

## ■ specifications: mechanical

The **ECCO LUNA LED** is constructed of corrosion, flame & vandal resistant polycarbonate and incorporates an efficient and high-output lens. The diffusion lens has been designed to effectively transmit the greatest amount of light with the least transmittal loss. The **ECCO LUNA LED** diffuser is UV stabilized and provides superior light distribution. The co-injection process increases the strength and durability of the **ECCO LUNA LED**.

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



## ■ 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 ensure the integrity of the **ECCO LUNA LED** and discourage fixture tampering.

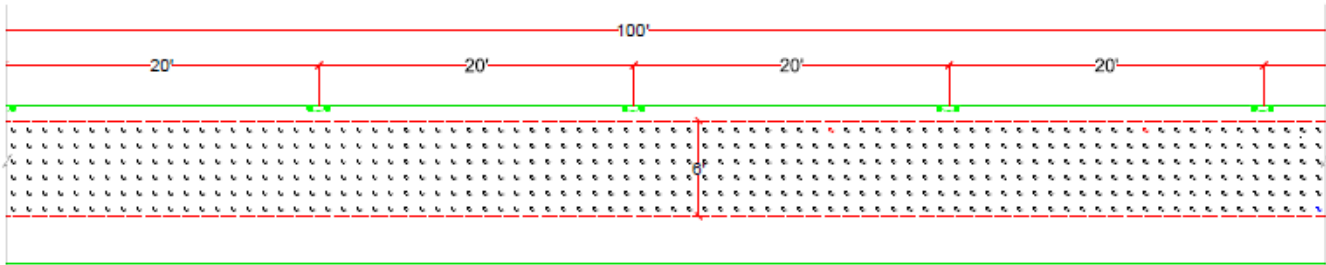
## ■ autotest

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 for HID lighting to "warm up".


## ■ 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.

## performance:



EMERGENCY LAYOUT - EL - PLAN VIEW - LUMINAIRE LOCATIONS & CALCULATION POINTS  
1/8" = 1'0"

Luminaire Schedule									
Label	Symbol	Description	Qty	Lum. Watts	Total Lamp Lumens	Lum. Lumens	LLF	MH	
ECO LUNA L		MR16-5WLED-8V_24V	10	4.8	300	237	0.900	7.5'	

Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpcLr	PtSpcTb
Room_Floor	Illuminance	Fc	1.84	3.9	0.6	3.07	6.50	1	1

EMERGENCY LAYOUT - EL - LUMINAIRE SCHEDULE & CALCULATION SUMMARY  
NTS

### NOTES:

- 1- Room dimensions: 100' long, ceiling height - 10', width - 10'.
- 2- Path of egress 6' wide.
- 3- Reflectances are: 0.8 ceiling; 0.5 wall; 0.2 floor.