# EML8

LED Super High Output Emergency Light

Project

Catalog

Type

Date

## Product Description

NICOR EML8 Series thermoplastic emergency lighting unit is a high output solution for higher mounting requirements. Designed with high output LEDs, the EML8 has exceptional light distribution and a maintenance-free battery for long life.

**Construction**
- Injection molded thermoplastic ABS housing
- Adjustable heads for aiming light where required:
  - Head tilt: +25°to -90°
  - Head rotation: 330°

**Optical**
- Custom lensing for accurate lighting distribution and control.
- Single CCT at 3000K

**Electrical**
- Operating temperature rating of 32°F to 104°F (0°C – 40°C)
- 6V, 4.5Ah Lead-Acid battery provides 90-minute emergency operation, recharges in 24 hours
- 120/277VAC Dual Voltage Operation, 60Hz input
- LED indicator light & self-test push button switch

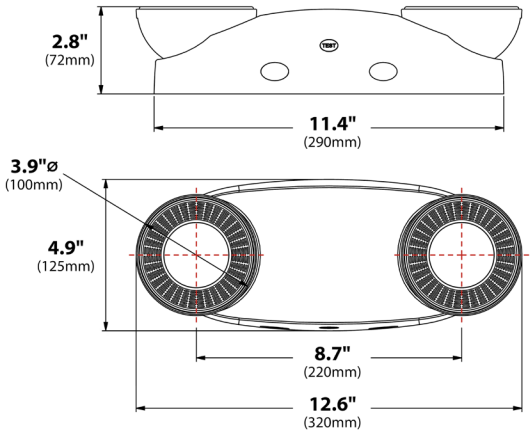
**LED**
- 2x10pc LED lamps provide more than 1200 lumens
- LM-80 Reported L70 life >54,000 hours

**Finish**
- White unpainted thermoplastic housing

**Installation**
- Surface wall mounting plate with back entry knockout

**Compliance**
- cULus Listed under UL 924
- UL-94-V-0 Flame rating

**Warranty**
- 1-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)




## PRODUCT INFORMATION

| | |
|---|---|
| Input Voltage: | 120/277 VAC |
| Power Draw: | 4.14W |
| Emergency Battery: | 90 Minutes |

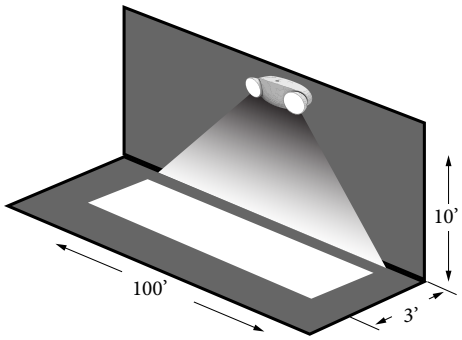
## Ordering Information

| Series | Version | Voltage | Housing Color |
|---|---|---|---|
| **EML8** | **1** (1.0) | **UNV** (120/277VAC) | **WH** (White) |

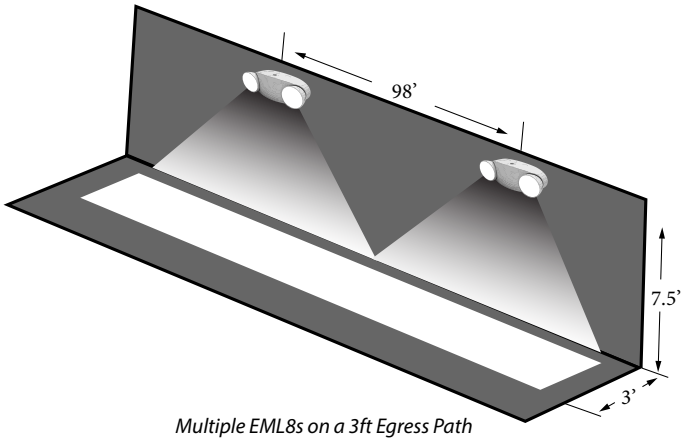
*Specifications and dimensions subject to change without notice*

| Maximum Spacing Guidelines | | | | | |
|---|---|---|---|---|---|
| Mounting Height | Single Luminaire | | Multiple Luminaires | | Notes |
| | 3′ Path of Egress | 6′ Path of Egress | 3′ Path of Egress | 6′ Path of Egress | |
| 7.5′ | 100′ | 97′ | 98′ | 96′ | 100′ long hallway, 8′ wide, 12′ high with 80/50/20 reflectances |
| 10′ | 100′ | 97′ | 97′ | 95′ | |
| 7.5′ | 77′ | 74′ | 86′ | 85′ | Retail space: 200′ X 15′ X 30′ with 80/50/20 reflectances |
| 10′ | 80′ | 75′ | 87′ | 85′ | |
| 12′ | 81′ | 75′ | 87′ | 85′ | |

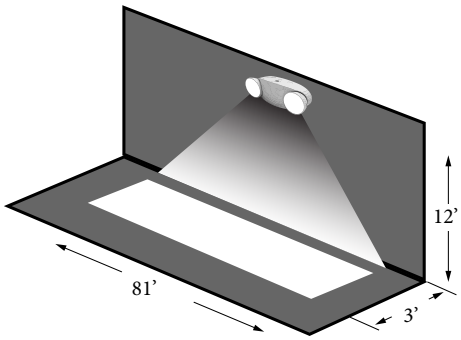
*Meets the illumination requirements of NFPA101 - 1fc minimum and a min/max ratio of 40:1*




*Single EML8 on a 3ft Egress Path*




*Multiple EML8s on a 3ft Egress Path*

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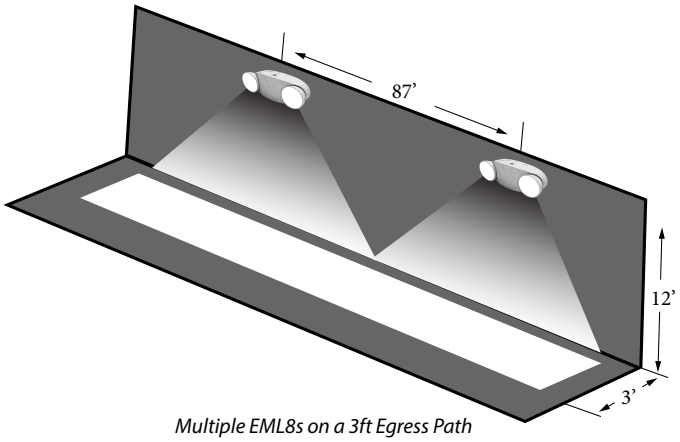


*Multiple EML8s on a 3ft Egress Path*

GENERAL PRODUCT WARRANTY. Each NICOR product will be free from defect in materials and workmanship for a period of one (1) year from the date of delivery to the end-user. Powder Coat paint finish on products, other than natural aluminum or brass, will not exhibit cracking, peeling, excessive fading, or corrosion during the warranty period. Exceptions apply as defined in each NICOR product's specification sheets, which are incorporated by reference herein. Warranty does not cover improper installation, operation, alterations, power surges, overheating due to external conditions, or acts of nature including but not limited to lightning strikes.

POLE WARRANTY. Each NICOR Pole will be free from defect in materials and workmanship for a period of (1) year from the date of delivery to the end-user. Powder Coat paint finish on products, other than natural aluminum or brass, will not exhibit cracking, peeling, excessive fading, or corrosion during the warranty period. Poles must be installed by a properly insured and licensed contractor, using the supplied anchor bolts and mounting templates. Using a pole product in any manner other than as disclosed in the Application Specification automatically voids the warranty and may cause failure resulting in injury, death, or significant property damage.

ALL NICOR WARRANTIES APPLY ONLY TO NICOR PRODUCTS THAT HAVE BEEN PURCHASED FROM AN AUTHORIZED NICOR DISTRIBUTOR; WHO PURCHASED THE PRODUCT DIRECTLY FROM NICOR; THE PRODUCT WAS NEW AND IN AN UNOPENED NICOR PACKAGE AT THE TIME OF INSTALLATION; AND WAS INSTALLED BY A LICENSED ELECTRICIAN OR UNDER THE SUPERVISION OF A LICENSED ELECTRICIAN.