



Emergency

Hospitality
Lighting



 **EMERGI-LITE®**



KEMERGI-LITE



Emergi-Lite® is a leading life safety solutions provider. We offer a full range of emergency lighting equipment to meet building & life safety code requirements. High-performance Emergi-Lite® emergency lighting equipment is designed and manufactured at our state-of-the-art North American Manufacturing Center of Excellence. Our decorative indoor and outdoor fixtures, highly efficient LED lamps, and automated Nexus® monitoring system are all designed and produced by our Center of Excellence professionals.

We provide solution-based products that meet our customers' needs, thanks to our highly skilled engineers who specialize in the emergency lighting industry. Safety, ease of installation, and long-term reliability are designed into each emergency lighting product from the beginning. With everything under one roof, we can ensure that our high internal quality and performance standards are met at every step in the process.

Specifiers and installers rely on Emergi-Lite® for expert advice planning systems that meet current standards and industry regulations, and that respect timeline and budget needs. Our easy ordering process, prompt delivery and outstanding customer service make Emergi-Lite® the supplier of choice for emergency lighting.



Meet Emergi-Lite®.
Your Emergency Lighting Experts



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If the power goes out,
ensure that your emergency lights
will go on for the safety of your guests



Is the spacing of your emergency lighting adequate to illuminate the path of egress?

National Fire Protection Association (NFPA101) Life Safety Code

Section 7.8 Illumination of Means of Egress

7.8.1 General

7.8.1.1* Illumination of means of egress shall be provided in accordance with Section 7.8 for every building and structure where required in Chapters 11 through 43. For the purposes of this requirement, exit access shall include only designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit. For the purposes of this requirement, exit discharge shall include only designated stairs, aisles, corridors, ramps, escalators, walkways, and exit passageways leading to a public way.

Section 7.9 Emergency Lighting

7.9.1 General

7.9.1.1* Emergency lighting facilities for means of egress shall be provided in accordance with Section 7.9 for the following:

- (1) Buildings or structures where required in Chapters 11 through 43.
- (2) Underground and limited access structures as addressed in Section 11.7.
- (3) High-rise buildings as required by other sections of this Code.
- (4) Doors equipped with delayed-egress locks
- (5) Stair shafts and vestibules of smoke proof enclosures, for which the following also apply:
 - (a) The stair shaft and vestibule shall be permitted to include a standby generator that is installed for the smoke-proof enclosure mechanical ventilation equipment.
 - (b) The standby generator shall be permitted to be used for the stair shaft and vestibule emergency lighting power supply.
- (6) New access-controlled egress doors in accordance with 7.2.1.6.2

7.9.2 Performance of System

7.9.2.1* Emergency illumination shall be provided for a minimum of 1-1/2 hours in the event of failure of normal lighting. Emergency lighting facilities shall be arranged to provide initial illumination that is not less than an average of 1 ft-candle (10.8 lux) and, at any point, not less than 0.1 ft-candle (1.1 lux), measured along the path of egress at floor level. Illumination levels shall be permitted to decline to not less than an average of 0.6 ft-candle (6.5 lux) and, at any point, not less than 0.06 ft-candle (0.65 lux) at the end of 1-1/2 hours. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded.

*The Life Safety Code may vary for different states.
Code compliance is an important life safety responsibility.

Does Your Emergency Lighting System Meet Code Requirements?

Emergi-Lite® has the expertise to design and provide code-compliant emergency lighting that meets your property's specific needs.



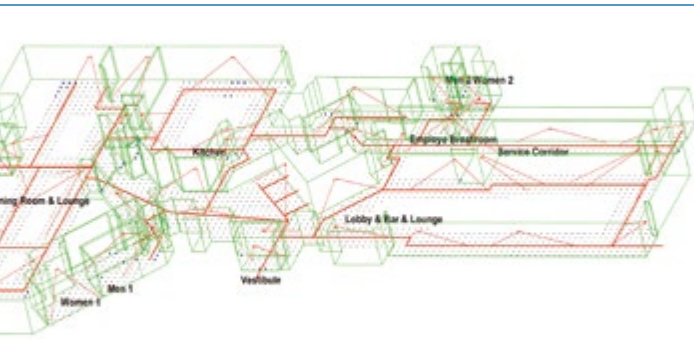
EMERGI-LITE

Know that your emergency lighting meets code requirements by allowing our technical design experts to plan your lighting scheme. Our lighting experts will analyze your specific emergency lighting requirements for each path of egress and provide a certified technical drawing. Our technical experts will calculate the exact distance between lighting units (spacing) needed to meet code requirements for emergency lighting at floor level. This calculation takes into consideration lamp power, installation height, exit path width, and surface reflectivity.



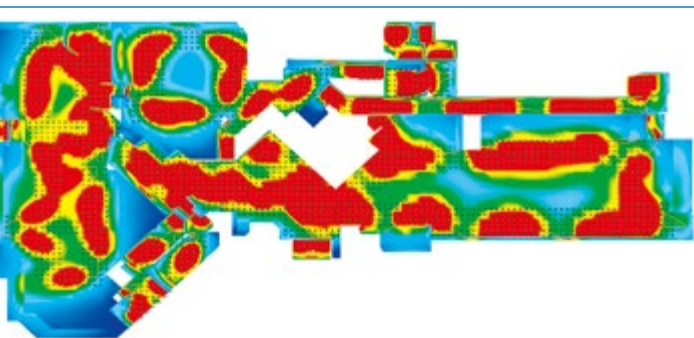
For example,

A technical drawing with dimensions of your floor plan is used to identify the path of egress to calculate your emergency lighting requirements.



The mounting height and lamp power of the lighting units is entered to calculate the spacing required for code-compliant illumination at floor level. This calculation can be done for different lighting units to determine the best solution. We'll show how different configurations affect installation as well as ongoing maintenance and testing for a true cost of ownership.


The illumination from the selected emergency lighting units is rendered to ensure that the path of egress will be lit in accordance with code requirements. Our experts are always up to date with the latest emergency lighting requirements, regulations and standards.



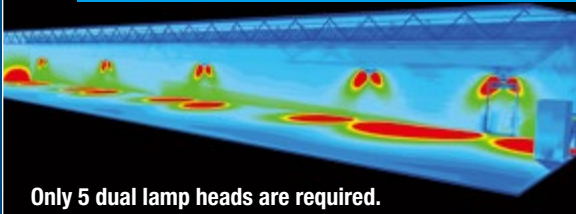
Your certified technical drawing shows that your emergency lighting plan meets code requirements, so you and your guests can rest easy.

Using incandescent lamps, 9 fixtures are required
Standard wedge-base 9W incandescent lamp

Where the building code requires an average of 1 foot-candle and a minimum of 0.1 foot-candle at floor level along the path of egress on a 150' x 9' x 9' corridor with an egress door at one end, a 150' x 6' path of egress, and a 7.5' unit mounting height;

- Incandescent lamp**
- 
- 9 twin lamps are required.

The advantages of LED lamps result in multiple cost savings over the lifetime of the emergency lighting system:

- With LED lamps, only 5 fixtures are needed
- 4W MR16 LED lamps
- 
- Only 5 dual lamp heads are required.
- Distance: 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

To pass a safety inspection, you must show that you conduct the required monthly and yearly tests of each emergency lighting unit and keep written records of those test results. When specifying an emergency lighting system, it's important to consider the capacity for your maintenance team to test each unit and keep proper records. Three options exist for emergency lighting testing:

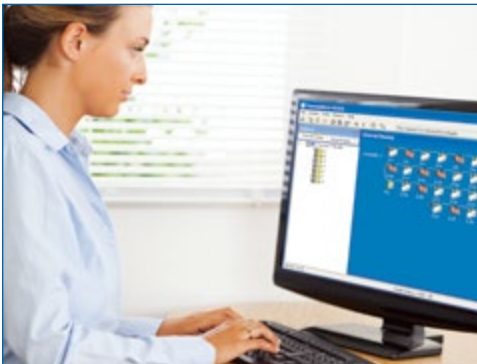


Manual testing

In a small property, maintenance personnel can easily walk to each unit to manually conduct monthly and annual testing. However, as the number of units increases in a larger building, the manpower required to manually test each unit monthly and annually can become overwhelming. In addition to the required testing and verification, the owner must keep written documentation of the testing.

Self-testing

Emergency lighting units equipped with self-testing/self-diagnostic can make code compliance much less labor intensive. However, maintenance personnel still need to walk to each unit to review the test results by looking at the LED indicator lights. They also need to document the results of each test and store the written records.



Automated testing and record-keeping

A monitoring system like the Emergi-Lite® Nexus® automatically conducts monthly and yearly tests and documents the tests as required by code. With an automated Nexus® system, the only manual intervention required is to review the computerized results and do any repairs required. For large properties, Nexus® significantly reduces the amount of manpower needed for testing. Available in wired or wireless (RF) versions, Nexus® increases system reliability and performance and reduces workload and the risk of failed inspections.

By reducing the monthly workload of maintenance personnel, an automated testing system reduces the total cost of ownership.

Testing is mandatory.
Automation is the **smart choice** for peace of mind.

Stylish emergency lighting products
complement the look of your property

Elegant single point battery units and edge-lit exit signs provide unobtrusive emergency lighting in highly visible areas such as lobbies, special event spaces, and high-traffic corridors. Emergi-Lite® offers a wide variety of emergency lighting units and exit sign designs to complement any decor.

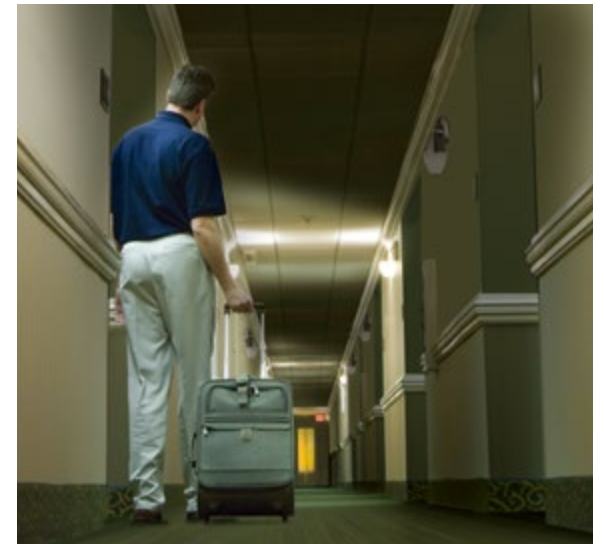




No extra lights required

In the event of a power failure, a Mini-Inverter can power most existing lighting to illuminate the path of egress according to code. One Mini-Inverter can provide emergency power for multiple lighting units using existing wiring, with a mounting distance of up to 1000 ft. When the aesthetics of a space must be preserved, a Mini-Inverter is an ideal solution to power emergency lighting.

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Mini-Inverters allow existing lighting to function as emergency lighting

EMERGI-LITE®

A global manufacturer of emergency lighting and exit signs for the specification markets, Emergi-Lite® provides products using innovative technologies designed for performance, reliability and cost efficiency to meet the highest standards in the industry.

For more information, visit:

www.emergi-lite.com

