

Architectural emergency lighting range

Battery units and remote fixtures

Comparison table



Features	Surface mount architectural unit	Recessed architectural unit
Installation type	Mounts directly on recessed, surface, or pendant junction boxes	Recessed with spring clips, integrated junction box
Appearance	Sleek, discreet housing	Hidden backbox, flush profile
Typical applications	Existing junction box High ceilings	New or existing construction Gypsum ceilings Suspended ceilings
Front design	Round black/white housing	Round or rectangular black/white trims, no visible screws

Emergi-Lite's architectural product family includes recessed battery units and remote fixtures, as well as ceiling- or pendant-mounted battery units and their remote fixture equivalents.

Minimalistic and aesthetic, these luminaires blend seamlessly into their surroundings while providing the safety features required by industry standards. Their aesthetic versatility allows them to integrate easily into environments such as museums and hotels, as well as office spaces, building corridors, and many other commercial buildings.

Common elements for all products

- Minimum autonomy of 90 minutes.
- Easy installation thanks to pre-set, optimized lamp positioning.
- Lithium battery with protection circuit module.
- Available as a battery unit or remote fixtures.
- Compact thermoplastic housing available in black or white.
- Compatible with any type of central systems.
- Proudly made in North America.

Test functions

- Optional remote testing and monitoring with Nexus®Pro
- Auto-test and diagnostic functions via microcontroller
- Infrared test remote control (up to 30 ft range)



Lighting performance

- Four high-intensity LEDs with redundant connections; 140 lm/W
- Correlated color temperature of 5,000 K
- Up to 80 ft coverage
- Fixed optical device with optimized light distribution for ceiling heights ranging from 8 to 12 ft

Surface-mount units – New!

Product features

- Installs directly onto a standard junction box.
- Compatible with recessed, surface-mounted, or suspended junction boxes.
- Ideal for projects where recessed installation is not possible or desired.
- Well suited for high ceilings.
- Universal two-wire input (120–347 V, 50–60 Hz).

Compliance

- Listed for damp locations.
- cUL certified to CSA standard C22.2 No. 141.
- Operating temperature range: 50 °F to 104 °F.



Conduit mount on the electrical box



Pendant-mount on the electrical box



Architectural family lighting performance

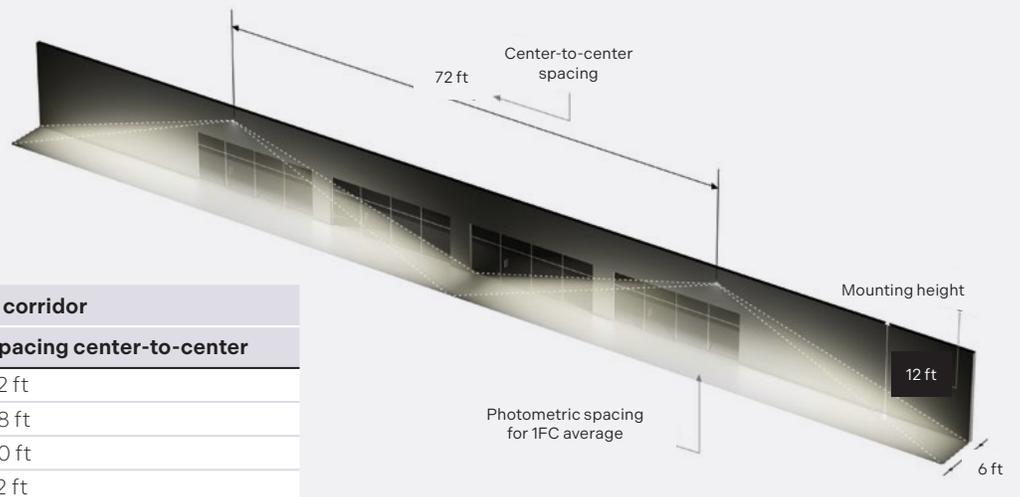


Table A: Standard unit – 6 ft wide corridor

Mounting height	Spacing center-to-center
8 ft	62 ft
9 ft	68 ft
10 ft	80 ft
12 ft	72 ft

Recessed units

Product features

- Installs using spring-loaded mounting brackets in gypsum board or suspended ceilings.
- Includes an integrated junction box for recessed installation.
- Ideal for new construction or retrofit projects with finished ceilings.

Compliance

- Listed for damp locations.
- NSF approved for splash zone use, non-food contact areas.
- cUL certified to CSA standard C22.2 No. 141.
- Operating temperature range: 50 °F to 104 °F.



Plenum ceiling installation



Standard suspended ceiling installation

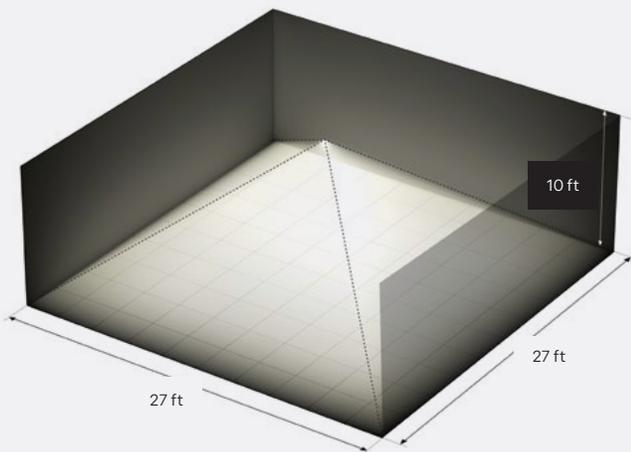


Table B: Option "square distribution pattern" – single unit coverage¹

Mounting height	Room size	Room surface
10 ft	27 ft x 27 ft	729 ft ²

¹Note: Illumination levels as per the Life Safety Code (NFPA 101): Average 1 fc, Minimum 0.1 fc, Max-to-min ratio 40:1. Typical reflectance levels of walls/ceiling/floor: 80/50/20.



Benefits

Cost effective

Our full range of architectural battery units and remote fixtures provides superior lighting performance with four high-intensity LED sources that cover up to 80 ft, reducing the number of units required.

Easy installation

Equipped with a fixed optical device, the unit provides a pre-set, optimal lamp orientation that requires no adjustment during installation. This eliminates the risk of human error and ensures compliance with building codes. Egress-path lighting is optimized upon installation. The battery units and recessed remote fixtures are easily installed in drop ceilings using spring mounts.

Enhanced safety and protection

The infrared remote control eliminates the need to use ladders for manual device testing. Tests can be performed effortlessly with our remote control or through our smart emergency lighting management system, Nexus®Pro. This system allows for tests to be done from anywhere, anytime, without disrupting power supply. Self-monitoring and maintenance notifications are generated in real-time using Nexus®Pro connectivity.

Durability

Designed, manufactured, tested, and shipped from Canada, the battery units and recessed remote fixtures, as well as surface-mount versions, meet North American quality standards. They are made from durable thermoplastic, and the units feature a long-life lithium battery approved for high temperatures.

How to order



Recessed architectural battery unit				
Color	Series	Input voltage	Unit type	Options
W = factory white B = black	RA = recessed architectural	Blank = 120 to 277VAC, 50/60Hz	Blank = standard charger D = advanced diagnostics, non audible NEXP = Nexus®Pro IoT	Blank = corridor lighting pattern D3 = 15-minute time delay ¹ P = plenum/type IC rated SQ = square distribution pattern
Example: WRADD3			¹ Available with corridor or square lighting pattern	

Recessed architectural remote fixture			
Color	Series	Input voltage	Options
W = factory white B = black	RAR = recessed architectural remote fixture	AC = 120 to 277VAC, 50/60Hz DC = 6 to 24VDC	Blank = corridor lighting pattern P = plenum/type IC rated SQ = square distribution pattern
Example: WRARDCP			



Surface mount architectural battery unit			
Color	Series	Unit type	Options
W = factory white B = black	SA = surface architectural	Blank = standard charger D = advanced diagnostics, non audible NEXP = Nexus®Pro wireless Bluetooth®	Blank = corridor lighting pattern D3 = 15 minute time delay ¹ SQ = square lighting pattern
Example: WSADD3			¹ Available with corridor or square lighting pattern NOTE: Pendant mount compatible. Pendant kit sold separately.

Surface mount architectural remote unit			
Color	Series	Input Voltage	Options
W = factory white B = black	SAR = surface architectural remote unit	AC = 120 to 277VAC, 50/60Hz, 6.6/8.2W, P.F.≥0.9 DC = 6 to 24VDC	Blank = corridor lighting pattern SQ = square distribution pattern
Example: WSARDC			NOTE: Pendant mount compatible. Pendant kit sold separately.

The logo for EMERGI-LITE, featuring a stylized square icon to the left of the brand name in a bold, sans-serif font.

For more information about our architectural product range,
visit our website at: **[emergi-lite.com](https://www.emergi-lite.com)**

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