

APPLICATION GUIDE

# Low Cost Construction

Tailored for budget-conscious projects, this guide highlights emergency lighting solutions that strike a balance between cost, code compliance, and reliable operation.

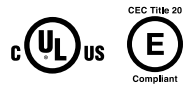


## RL RELIANCE SERIES THERMOPLASTIC EXIT SIGN

Durable, low-cost thermoplastic exit sign with quick installation and reliable LED performance.

### FEATURES

- Quick-connect components and snap-on canopy for fast, low-cost installation.
- Long-life LED illumination with 90-minute emergency runtime.
- Durable, damp-location rated design ideal for budget-conscious construction.



## BUG HIGH PERFORMANCE LED EMERGENCY LIGHT

Compact, cost-effective emergency light with 100-foot coverage.

### FEATURES

- Simple snap-fit installation with multiple mounting options for quick setup.
- High-performance LED heads deliver up to 1,300 lumens total.
- Long-life LiFePO<sub>4</sub> battery provides 90 minutes of reliable emergency power.



## E3MAC MODULAR INVERTER SYSTEM

Save on emergency lighting with a high-capacity inverter that powers large spaces using existing downlights.

### FEATURES

- High-efficiency 98% design minimizes energy loss.
- UL-listed 90-minute run-time with fast battery recharge.
- Compatible with all lighting loads for flexible installation.



## KEY CONSIDERATIONS FOR LOW COST CONSTRUCTION

For budget-conscious projects, selecting the proper emergency lighting is about balancing cost and code compliance. Thermoplastic fixtures, strategic use of inverters, and bulk purchasing can reduce expenses while still providing reliable egress lighting.

Keep these key considerations in mind when designing a safe and cost-effective system.



### EMERGENCY LIGHTING CHECKLIST FOR LOW COST CONSTRUCTION

- ✓ Thermoplastic fixtures are the most cost-effective choice for exits and emergency lights.
- ✓ Avoid battery packs and emergency drivers when possible.
- ✓ Cheaper emergency lights may require more units to meet code, offsetting savings.
- ✓ Bulk purchasing with a single inverter is the most economical approach.
- ✓ One large inverter is often less expensive than multiple smaller units.

**HAVE QUESTIONS?** REACH OUT TO ONE OF OUR EXPERTS!

**Greg Keil**  
Vice President  
gkeil@isolite.com

**Matt Bird**  
Vice President  
mbird@isolite.com

**Evan Ackmann**  
Director of Product Development  
eackmann@isolite.com

**Tom Deutsch**  
Sales Support Engineer  
tdeutsch@isolite.com