



E3MINI 125VA



E3MINI 250VA

PRODUCT FEATURES

Integrated Dimming Options

0-10V/DALI Control Integration - No Emergency Lighting Control Devices Required

Multi-Purpose Outputs

1 Normally-On and 3 Normally-Off/Switched Configurable Outputs

High-Efficiency Charger

Hysteric Charging Circuits Meets CEC Title 20 Guidelines and Improves Battery Life

Field Configurable Voltage

Configure the E3MINI To Utilize 120 VAC or 277 VAC at Install Time

Performance Improvements

Crest Factor Improved to 10x/5x (125VA/250VA)

INCREASED FLEXIBILITY

120/277 VAC Selectable at Install Time

Removes Design-Time Risk and Reduces Lead Times

Mixed Load Types on Configurable Outputs

Allows for Integration of Switching and Dimming Controls

Time Delay Options for Power Pack Integration

Allows for Direct Connection to Smart Power Packs with Integrated UL 924 Functionality

DIMMING INTEGRATION

Control Up to Three Lighting Zones

Allow for More Uniform Light Distribution in Emergency Mode

Phase Control Dimming Supported



Greg Keil
Western Regional Sales Manager
gkeil@isolite.com



Matt Bird
Eastern Regional Sales Manager
mbird@isolite.com

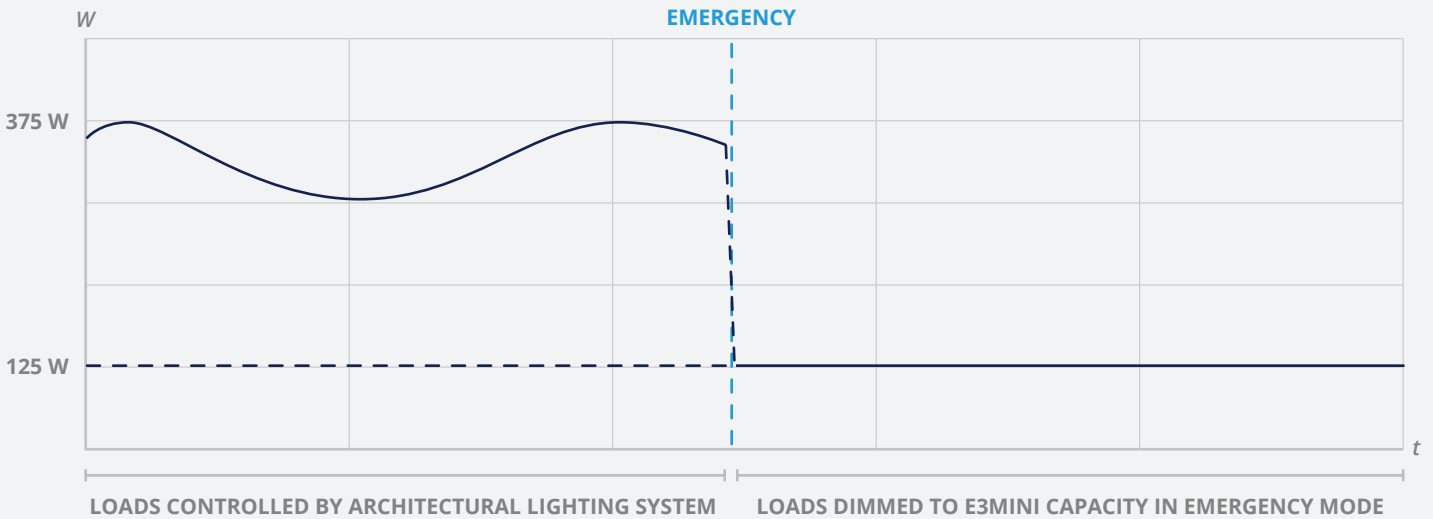


Evan Ackmann
Director of Product Development
eackmann@isolite.com

DIMMING INTEGRATION

The E3MINI gives you the flexibility to have up to 375VA of connected to the inverter during normal operation. During an emergency, the dimming feature can reduce the effective load to the 125/250VA that the E3MINI is rated for.

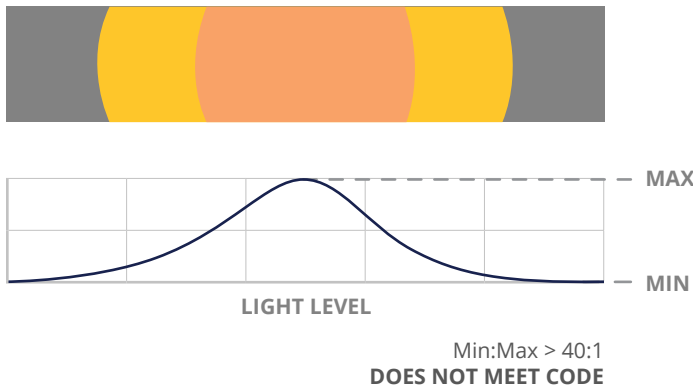
INVERTER LOAD LEVEL



NFPA 101 Life Safety Code requires the path of egress be illuminated with an average of 1.0fc of light, the minimum light level on the path must be greater than 0.1fc and the **ratio of maximum light level to minimum light level must be less than 40:1**.

WITHOUT DIMMING FIXTURES *EXAMPLE ISOLINE DIAGRAM*

When few lights are on at max brightness, this results in hot spots, potentially causing compliance issues.



WITH DIMMING FIXTURES *EXAMPLE ISOLINE DIAGRAM*

When dimming fixtures, more lights can be illuminated at a lower light level, reducing the drastic changes in illumination level.

