

## MIRRORLITE - Architectural Recessed Emergency Light

### OUT OF SIGHT UNTIL YOU NEED IT

Recently updated and dramatically enhanced, Mirrorlite offers performance and features that shine out – right when you need them. Mirrorlite SD is a unique recessed emergency light that hides away during normal lighting conditions. Upon the loss of AC power the Mirrorlite doors open and illuminate your exit path by projecting high-powered MR16 Halogen light. Upon restoration of AC power the Mirrorlite doors quietly close to the concealed position. Mirrorlite is ideal for all internal applications where a quality architectural appearance is preferred.

### Construction

- Continuous cam, precision motor drive. No gears, cogs, limit switches or sensitive solenoid settings to jam or seize
- Doors are factory set for optimum performance but can be individually field adjusted to suit any application
- Finished in durable light textured off-white powder coat which can be wall papered or field painted. Custom finishes available to order
- Soft-close doors prevent early lamp failure due to door slamming
- Suitable for mounting heights up to 50', dependent upon lamp wattage selected
- Fully automatic operation suitable for wall or ceiling mount installation
- Compact, one-size recessed housing is provided with fully adjustable mounting hardware to suit virtually all mounting applications
- Self-adjusting frame trim and door assembly with no external mounting hardware
- Modular assembly and quick connector wiring provides for fast installation and ease of maintenance

### Electrical

- Solid state microprocessor controlled circuitry includes line latch, brown out and battery LVCO
- Extended run times or remote capacity available
- Computerized electronic circuitry with self-test and self-diagnostics included as standard in all units
- Field selectable 120 or 277 VAC 60 Hz input. Consult factory for other input voltages
- Automatic, discreet monthly self-testing. Self-diagnostics monitors lamp load, transfer circuit, battery capacity, door operation and motor drive



- Soft-start lamp circuit ensuring extended lamp life
- Choice of Lead Calcium or Nickel Cadmium batteries in unit capacities up to 150 watts

### Illumination

- MR16 long life halogen lamps available up to 75 watts each
- Up to 150' (spacing dependent upon lamp selected and field conditions)
- Four selectable lamp positions for each lamp takes the guess work out of lamp aiming and assures optimum light distribution
- New optics optimize light pattern to improve uniformity and spacing

### Certification

- Approved for use in New York City Calendar # 48849
- tested, approved and listed by Underwriters Laboratories Inc. to UL 924, meets NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements
- Optional infrared remote transmitter with selectable 30 second or 90 minute duration tests



### Warranty

- 3 year limited warranty

### ORDERING GUIDE - MIR-SD

Example: MIR-SD-50-LC-2H-UI-RI

| Model  | Lamp Watts      | Unit Capacity | Battery Type | Standard Run Time Per Unit Capacity | Optional Run Time Per Unit Capacity                        | Mounting  | Options   |
|--------|-----------------|---------------|--------------|-------------------------------------|--|---|---|
| MIR-SD | Mirrorlite      | 12            | LC           | Sealed Lead Calcium                 | 3H (180 min)   | Mounting Is Universal Wall or Ceiling                             | C Custom Color (Specify)<br>CP Chicago Plenum Listed<br>DL Damp Location<br>RI Remote Diagnostic Indicator<br>RM Fused Remote Output Leads<br>TLRT Infrared Remote Testing Transmitter (order separately, typically only 1 or 2 are required per site)<br>TD 15 Minute Time Delay<br>S Consult Factory for Availability |
|        | Self-Test/      | 20            |              |                                     |  |   |   |
|        | Self-Diagnostic | 35            |              |                                     |  |   |   |
|        | Emergency       | 50            |              |                                     |  |   |   |
|        | Light           | 75            |              |                                     |  |   |   |
| MIR-SD |                 |               | NC           | Nickel Cadmium                      | 2H (120 min)<br>2H (120 min)<br>90 (90 min)<br>90 (90 min) | UI Back Box & Fixture Shipped Complete<br>UP Back Box Pre-Shipped |   |
|        |                 |               |              |                                     |  |   |   |
|        |                 |               |              |                                     |  |   |   |
|        |                 |               |              |                                     |  |   |   |
|        |                 |               |              |                                     |  |   |   |
|        |                 |               |              |                                     |  |   |   |

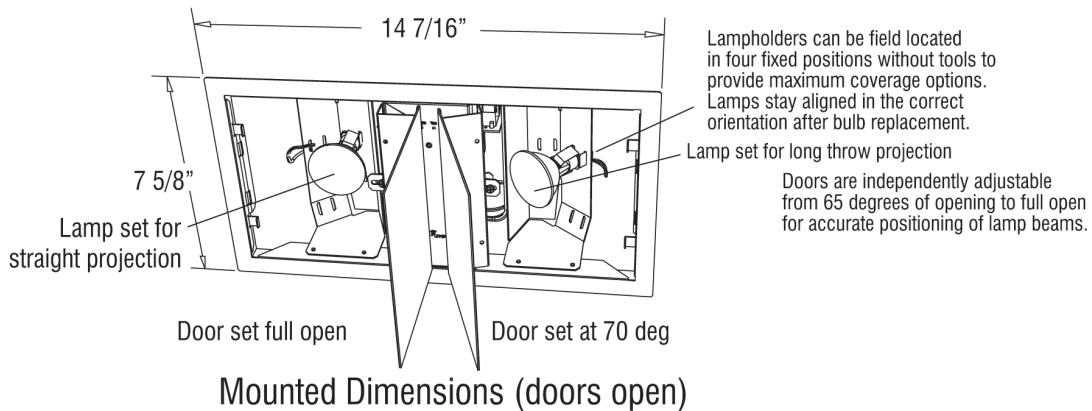
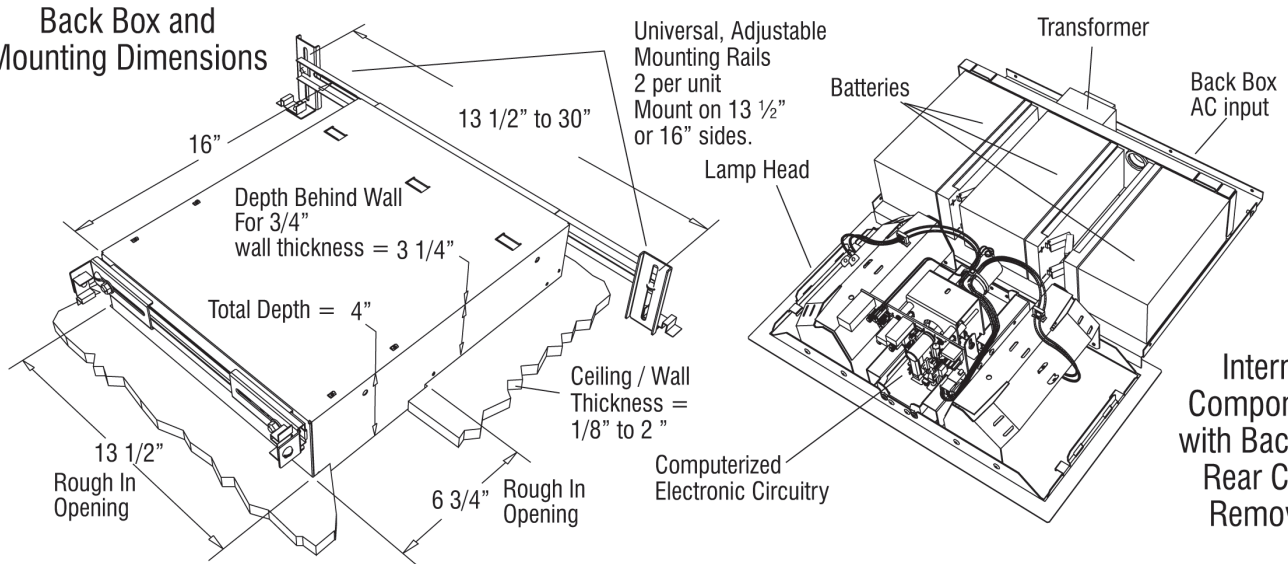
Fill in fields from categories above and complete type and part number.

Type Number:

Full Part Number:

# Mirrorlite MIR-SD Recessed Emergency Light

## Back Box and Mounting Dimensions



## Front Panel Diagnostic Display

- Hi Charge – Red
- Float / Full Charge – Green

### Diagnostic Functions

- 2 Battery Failure – Red Flash
- 5 Lamp Failure – Red Flash
- 1 Transfer Failure – Red Flash
- 3 Charger Failure – Red Flash
- 4 Door Failure – Red Flash
- Insufficient Charge – Red/Grn
- In Test – Green Flash