

# LEDR-2 Adjustable Optics LED Emergency Unit

|                   |  |
|-------------------|--|
| <b>Project:</b>   |  |
| <b>Type:</b>      |  |
| <b>Catalog #:</b> |  |



## STANDARD



## ILLUMINATION

- Long life, efficient, ultra bright white LED lamp heads.
- 1W (8 LEDs x 0.125W) per head.
- High performance, chrome-plated metallized reflector and plastic lens for optimal light distribution.
- Two adjustable LED lamp heads provide optimal center-to-center spacing.

## ELECTRICAL

- Dual 120/277 voltage standard. Optional multi-tap 208/220/240 voltage available.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 3.6V long life, maintenance-free, rechargeable NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to LED lamp heads for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

## MOUNTING

- Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections.
- Top and side knockout for conduit applications.
- Suitable for wall or ceiling mount.

## HOUSING

- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.

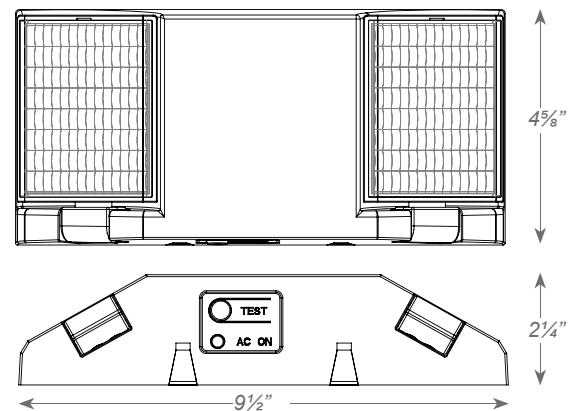
## OPTIONS

- SPV: UL Listed for special voltage option.

## WARRANTY / LISTING

- Five year warranty on all electronics and housing. Battery prorated for five years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).

## DIMENSIONS



## ORDERING INFORMATION

Sample Part Number: LEDR-2

| MODEL  | HOUSING COLOR |       | OPTIONS |                           |
|--------|---------------|-------|---------|---------------------------|
| LEDR-2 | Blank         | White | SPV     | 208/220/240 Volt, 50/60Hz |
|        | B             | Black |         |                           |

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## ELECTRICAL INFORMATION

| CATALOG NUMBER | INPUT WATTS (W) |      | INPUT AMPS (A) |      |
|----------------|-----------------|------|----------------|------|
|                | 120V            | 277V | 120V           | 277V |
| LEDR-2         | 2.1             | 2.1  | 0.025          | 0.01 |

## CENTER-TO-CENTER SPACING GUIDELINES

For reference only.



|   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 1 | 0.03 | 0.04 | 0.06 | 0.06 | 0.08 | 0.12 | 0.18 | 0.24 | 0.24 | 0.30 | 0.36 | 0.33 | 0.34 | 0.37 | 0.43 | 0.45 | 0.49 | 0.52 | 0.36 | 0.36 | 0.18 | 0.10 | 0.07 | 0.04 |    |
| 2 | 0.03 | 0.04 | 0.06 | 0.07 | 0.11 | 0.20 | 0.40 | 0.03 | 0.60 | 0.55 | 0.48 | 0.46 | 0.45 | 0.58 | 0.80 | 1.35 | 1.39 | 1.04 | 0.57 | 0.47 | 0.32 | 0.13 | 0.09 | 0.06 |    |
| 3 | 0.03 | 0.04 | 0.06 | 0.10 | 0.11 | 0.33 | 0.79 | 1.11 | 1.34 | 1.36 | 0.92 | 0.60 | 0.47 | 0.92 | 1.72 | 1.87 | 1.61 | 1.05 | 0.61 | 0.52 | 0.33 | 0.24 | 0.10 | 0.05 |    |
| 4 | 0.03 | 0.04 | 0.06 | 0.10 | 0.18 | 0.37 | 0.69 | 1.07 | 1.53 | 1.71 | 1.52 | 1.02 | 0.53 | 1.20 | 1.65 | 1.65 | 1.33 | 0.87 | 0.57 | 0.50 | 0.34 | 0.20 | 0.09 | 0.05 |    |
| 5 | 0.03 | 0.04 | 0.06 | 0.09 | 0.16 | 0.31 | 0.58 | 0.91 | 1.22 | 1.44 | 1.41 | 1.00 | 0.45 | 0.72 | 1.05 | 1.00 | 0.78 | 0.55 | 0.34 | 0.24 | 0.20 | 0.12 | 0.07 | 0.05 |    |
| 6 | 0.03 | 0.04 | 0.06 | 0.07 | 0.10 | 0.19 | 0.33 | 0.53 | 0.84 | 0.94 | 0.92 | 0.61 | 0.33 | 0.39 | 0.53 | 0.53 | 0.44 | 0.28 | 0.27 | 0.20 | 0.15 | 0.10 | 0.06 | 0.03 |    |
|   | 12   | 11   | 10   | 9    | 8    | 7    | 6    | 5    | 4    | 3    | 2    | 1    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12 |

Meets NFPA 101 Requirements for: 14' center-to-center spacing - 3' path of egress 2' from the wall- 7 1/2' mounting height.