

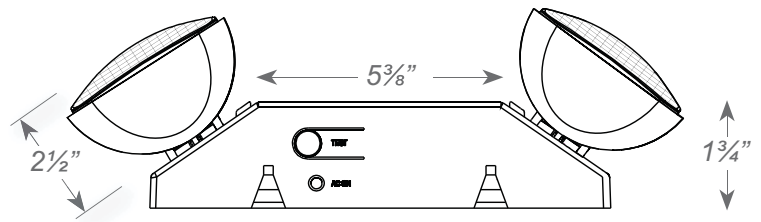
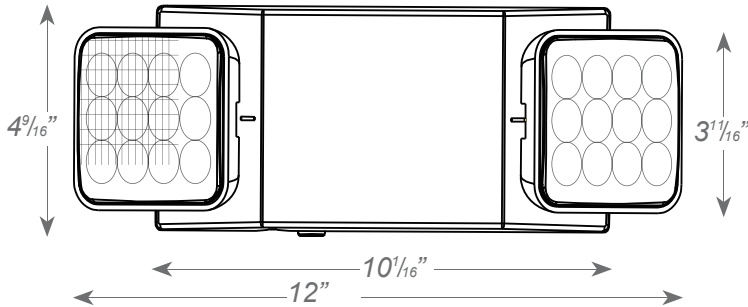
|               |        |      |
|---------------|--------|------|
| MODEL :       |        | TYPE |
| PROJECT :     |        |      |
| PREPARED BY : | DATE : |      |

## SERIES SPECIFICATIONS

The ESLR-1RC is a remote capable thermoplastic LED emergency light that utilizes fully adjustable high lumen LED heads, long life and environmentally friendly Ni-Cad battery in an easy to install fixture design.



## LINE DRAWING



## CONSTRUCTION

### Housing

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

### LED Lamp Heads

Two long lasting, efficient, ultra bright white LED lamp heads with polycarbonate lens.

### Remote Capacity

2W

### Reflector

High performance chrome-plated metalized reflector and prismatic polycarbonate lens for optimal light distribution.

### Transfer switch

Internal solid-state transfer switch automatically connects the internal battery to LED lamp heads

### Remote Compatibility

LSRH1/LSRH2-3.6 Series

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## ELECTRICAL SPECIFICATIONS

Battery Type  
3.6V Rechargeable Ni-Cad

Emergency Illumination  
Minimum 90 Minutes

Battery Recharge Time  
24 Hours.

Low Voltage Disconnect  
Prevents battery from deep discharge

LED Indicator  
Charge rate/power "ON"  
and push to test switch

Battery Charger  
Two rate, fully automatic  
solid-state

LEDs per Head  
1W (8 LEDs x 0.125W)

Operating Voltage  
120/277 (Standard)

Lumens  
90 lumens

Input Amps  
0.022 @ 120V  
0.024 @ 208V\*  
0.029 @ 220V\*  
0.025 @ 240V\*  
0.010 @ 277V

Input Watts  
1.8 @ 120V  
2.6 @ 208V\*  
3.5 @ 220V\*  
3.1 @ 240V\*  
1.8 @ 277V

Frequency  
50/60Hz

\*SPV option only

## MOUNTING SPECIFICATIONS

Backplate  
Snaps into place making  
internal electrical  
connections

Surface Mount  
"Easy Connect" backplate  
which fits most standard  
junction boxes.

Conduit Mount  
Mounts using knockouts on  
the backplate or on top of  
housing

Suitable for wall or ceiling mount

## Center to Center Spacing



|   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |     |
|---|------|----|------|----|------|----|------|----|------|----|------|----|------|----|-----|
| 1 | 0.20 | .3 | 0.50 | .4 | 0.40 | .5 | 0.60 | .8 | 1.00 | .8 | 0.90 | .8 | 0.40 | .2 | 0.2 |
| 2 | 0.30 | .5 | 0.70 | .8 | 0.90 | .8 | 0.91 | .0 | 1.11 | .4 | 1.10 | .8 | 0.50 | .3 | 0.2 |
| 3 | 0.40 | .7 | 1.01 | .0 | 1.11 | .1 | 1.11 | .3 | 1.41 | .1 | 0.90 | .9 | 0.70 | .5 | 0.2 |
| 4 | 0.50 | .7 | 0.91 | .1 | 1.21 | .2 | 1.01 | .1 | 1.11 | .0 | 1.10 | .8 | 0.60 | .3 | 0.2 |
| 5 | 0.50 | .7 | 0.80 | .8 | 1.01 | .1 | 0.80 | .8 | 1.00 | .9 | 0.60 | .5 | 0.40 | .3 | 0.2 |
| 6 | 0.40 | .5 | 0.70 | .7 | 0.80 | .8 | 0.60 | .5 | 0.60 | .5 | 0.40 | .4 | 0.30 | .2 | 0.2 |
|   | 7    | 6  | 5    | 4  | 3    | 2  | 1    | 0  | 1    | 2  | 3    | 4  | 5    | 6  | 7   |

Meets NFPA 101 Requirements for: 10' center-to-center spacing - 3' path of egress 1' from wall - 7 1/2' mounting height.

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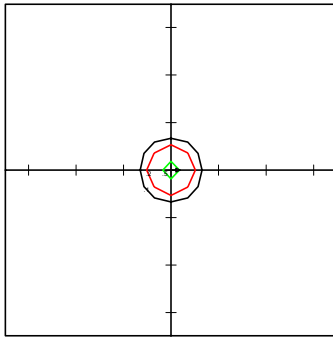
## Options

**SD:**  
 Self-diagnostic test feature continually diagnoses unit's performance and tests system to ensure reliable operation and to meet electrical and life safety codes

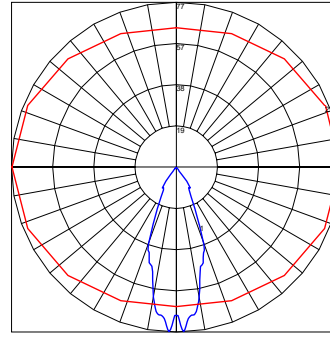
**HL**  
 High Lumen option gives a total of 1.5 Watts (12 LED's x .125W) per head, which will provide a total of 130 lumens of egress lighting in emergency mode.

**SPV**  
 UL Listed for special voltage option. (Not available for SD option)

## Photometric Specifications



TAMLITE LIGHTING  
 EMERGENCY AND FIRE  
 ESLR-1  
 Horizontal Footcandles  
 Scale: 1 Inch = 10 Ft.  
 Light Loss Factor = 1.00  
 Lumens Per Lamp = N.A.  
 Lumens = 45  
 Mounting Height = 10.00 Ft  
 Maximum Calculated Value = 0.69 Fc  
 Arrangement: Single



Polar Graph  
 Maximum Candela = 76.5  
 Located at Horizontal Angle = 0  
 Vertical Angle = 2.5  
 Vertical Plane Through Horizontal  
 Angles  
 (0 - 180)  
 Horizontal Cone Through Vertical  
 Angle  
 (2.5)

## CERTIFICATIONS/WARRANTY

**Listing**  
 UL Listed

**Location Rating:**  
 Suitable for damp locations

### Warranty

Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.  
 Batteries are pro-rated for two years.

### Safety Certifications

UL924, NFPA 101 Life Safety Code, NEC, OSHA,  
 Local and State Codes.

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## ORDERING INFORMATION

Sample Part Number: ESLR-1

Carton Dimensions: 12.25x5x4IN  
31.115x12.7x10.16CM

Case Dimensions: 16.14x14.17x15.75IN  
40.996x35.992x40.005CM

Case Qty: 12 Pcs

| ESLR-1 |                 |  |
|--------|-----------------|--|
| SERIES | HOUSING COLOR   | OPTION   |
| ESLR-1 | [BLANK] : White | [BLANK] : No Option                                    |
|        | [B] : Black     | [SD] : Self-Diagnostic                                 |
|        |                 | [HL] : High Lumen Heads                                |
|        |                 | [SPV] : 208/220/240V<br>(Not available with SD option) |

## REMOTE COMPATIBILITY CHART

Use the below charts to pick the correct voltage for your remote capable device.

### REMOTE COMPATIBILITY CHART

| SERIES      | ESRH SERIES |     | LSRH SERIES (LED) |      |       |
|-------------|-------------|-----|-------------------|------|-------|
|             | 6V          | 12V | 3.6V              | 9.6V | MULTI |
| ESLFX-2     |             |     |                   | X    | X     |
| LXP-RC      |             |     | X                 |      | X     |
| LXPC-RC     |             |     | X                 |      | X     |
| EXDC-RC     |             |     | X                 |      | X     |
| EXWTC-RC    |             |     | X                 |      | X     |
| ESLR-1RC    |             |     | X                 |      | X     |
| LSR-1RC     |             |     | X                 |      | X     |
| ESR-16R-65  | X           |     |                   |      | X     |
| LXPCP-RC    |             |     |                   | X    | X     |
| EXPCL-RC    |             |     |                   | X    | X     |
| ESR-16R-LED | X           |     |                   |      | X     |

| SERIES        | ESRH SERIES |     | LSRH SERIES (LED) |      |       |
|---------------|-------------|-----|-------------------|------|-------|
|               | 6V          | 12V | 3.6V              | 9.6V | MULTI |
| ESR-1HO       | X           |     |                   |      | X     |
| LSDXR627      | X           |     |                   |      | X     |
| ESTFX-2       | X           |     |                   |      | X     |
| ESDXR6        | X           |     |                   |      | X     |
| ESDXRS6       | X           |     |                   |      | X     |
| ESDXR12       |             | X   |                   |      | X     |
| ESDXRS12      |             | X   |                   |      | X     |
| ESR-16R-125   |             | X   |                   |      | X     |
| ESR-16R-LED12 |             | X   |                   |      | X     |
| EXP-RC        | X           |     |                   |      | X     |
| LXWTC-RC      |             |     | X                 |      | X     |



APPLICATION AND PERFORMANCE SPECIFICATION INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION

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