TAMLITE
LIGHTING

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

DESCRIPTION

The ESR-16R

The ESR-16R is an MR16 style remote capable thermoplastic emergency light that offers a simple design with fully adjustable heads allowing it to be used in various applications.

UL LISTED · DAMP LOCATION · 5 YEAR LIMITED WARRANTY

FEATURES AND SPECIFICATIONS

Housing
Injection molded, engineering grade, 5VA flame retardant high-impact resistant, thermoplastic

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

Charger
Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

Cover
Fully gasketed clear polycabonate cover offers protection against wet, non-hazardous dust, corrosive atmospheres and water spray or splashing water locations.

Lamp Heads
Two fully adjustable ultra bright, round, 7.2W, MR-16 halogen lamp heads standard.

Wall Mount
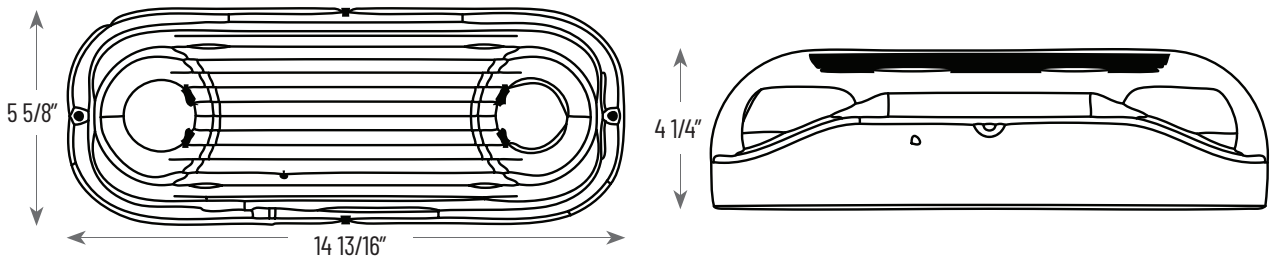Mounts using knockouts on the back of housing. Suitable for wall mount.

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

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

LINE DRAWING

5 5/8"

14 13/16"

4 1/4"

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L I G H T I N G

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ELECTRICAL SPECIFICATIONS

Battery Type
6V Rechargeable Sealed Lead Acid

Low Voltage Disconnect
Prevents battery from deep discharge

Operating Voltage
120/277

Emergency Illumination
Minimum 90 Minutes

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

Operating Temp
20°C ~ 40°C

Battery Recharge Time
24 Hours

Battery Discharge Time
1.5 Hours

Frequency
60Hz

Lumen Output
219 lumen per head

AMPERAGE/WATTAGE

INPUT WATTS (W)		INPUT AMPS (A)	
120V	277V	120V	277V
6.0	6.2	0.053	0.025

ORDERING INFORMATION

EXAMPLE: ESR-16R-WP

SERIES	LAMP TYPE	TYPE	HOUSING COLOR	OPTIONS
ESR-16R	[BLANK] : MR16 Halogen [LED] : 3.3W MR16 Style LED	[WP] : Wet Location	[BLANK]: Gray [B] : Black	[BLANK] : No Options [HTR] : Heater [USA] : Assembled in the USA

OPTIONS

USA
Substantial transformation assembly in the U.S. complies with "Assembled in the USA" under the Buy American Act.

LED
3.3W high performance MR-16 base LED lamps

HTR
Optional internal heater for cold temperature (-9°C ~ 40°C) applications

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CENTER TO CENTER SPACING GUIDELINES

UNIT LOCATION
LIGHT SOURCE

For reference only.

1	0.03	0.04	0.05	0.06	0.08	0.13	0.23	0.38	0.40	0.42	0.44	0.40	0.33	0.33	0.36	0.21	0.14	0.14	0.14	0.07	0.06	0.04	0.03	0.02
2	0.03	0.04	0.05	0.07	0.10	0.17	0.43	1.00	0.90	0.90	0.38	0.34	0.47	0.45	0.46	0.39	0.19	0.12	0.10	0.10	0.06	0.05	0.04	0.02
3	0.03	0.04	0.06	0.11	0.13	0.30	1.71	2.20	3.92	2.02	0.35	0.31	0.61	1.65	2.67	1.00	0.45	0.13	0.09	0.07	0.06	0.06	0.04	0.02
4	0.03	0.05	0.06	0.10	0.16	0.95	1.30	4.50	4.80	2.20	0.70	0.53	1.44	4.58	4.53	3.42	0.54	0.15	0.09	0.06	0.04	0.06	0.04	0.03
5	0.04	0.06	0.09	0.17	0.20	1.20	2.82	4.01	3.38	1.30	0.52	0.51	0.60	3.37	4.36	3.05	0.62	0.17	0.09	0.06	0.05	0.05	0.01	0.02
6	0.03	0.05	0.07	0.11	0.17	0.55	1.53	1.97	1.10	0.90	0.43	0.52	0.62	1.20	1.13	1.77	0.59	0.17	0.09	0.04	0.04	0.05	0.05	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 |

Spacing using two 7.2W MR-16 Halogen Lamp Heads

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