

MODEL :		TYPE
PROJECT :		
PREPARED BY :	DATE :	

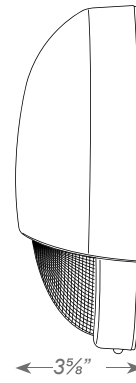
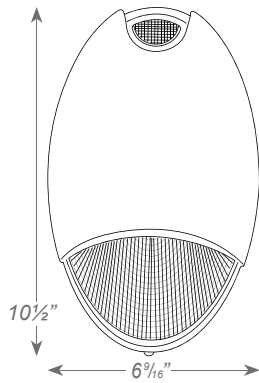
## SERIES SPECIFICATIONS

ESRD

The ESRD is an architectural LED emergency light designed for both indoor and outdoor use. With its long lamp life and attractive modern profile it will complement any building's decor.



## LINE DRAWING



## CONSTRUCTION

### Housing

Die-cast aluminum housing sealed and gasketed.

### 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.

### Finish

Durable powder coat

### LEDs

5W LED with mirror-bright reflector

### Self-Diagnostic

Self-diagnostic test feature continually diagnoses units performance and tests system to ensure reliable operation and to meet electrical and life safety codes.

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### ELECTRICAL SPECIFICATIONS

Battery Type 4.8V Rechargeable NiCad	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 Discharge Time 1.5 Hours
Operating Voltage 120/277	Operating Temp 0°C ~ 50°C	Frequency 60Hz

### AMPERAGE/WATTAGE

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
ESRD	2.7	2.8	0.026	0.012
ESRD-CW	2.9	3.0	0.031	0.014

### MOUNTING SPECIFICATIONS

Backplate Universal K/O pattern on back plate for wall mount.	Surface Mount "Easy Connect" backplate which fits most standard junction boxes.	Conduit Mount Threaded opening at the top of the enclosure.
Suitable for wall mount		

### CENTER TO CENTER SPACING GUIDELINES

For reference only.



1	0.14	0.18	0.22	0.28	0.37	0.47	0.61	0.76	0.92	1.17	1.36	1.37	1.38	1.35	1.20	1.04	0.86	0.69	0.56	0.45	0.33	0.25	0.20	0.16	
2	0.16	0.20	0.24	0.29	0.38	0.50	0.63	0.79	0.97	1.15	1.38	1.43	1.58	1.43	1.31	1.23	0.97	0.79	0.63	0.48	0.37	0.28	0.22	0.17	
3	0.18	0.21	0.25	0.31	0.40	0.53	0.65	0.76	0.90	1.09	1.24	1.36	1.46	1.37	1.22	1.08	0.91	0.75	0.61	0.47	0.38	0.31	0.24	0.18	
4	0.16	0.19	0.23	0.29	0.38	0.46	0.56	0.66	0.76	0.92	1.06	1.19	1.19	1.19	1.11	0.93	0.82	0.67	0.58	0.44	0.37	0.30	0.24	0.19	
5	0.16	0.16	0.22	0.29	0.36	0.40	0.49	0.58	0.70	0.80	0.98	1.01	1.02	1.01	0.90	0.77	0.66	0.56	0.48	0.39	0.32	0.28	0.22	0.18	
6	0.14	0.18	0.21	0.26	0.30	0.38	0.48	0.51	0.61	0.69	0.81	0.88	0.89	0.86	0.77	0.70	0.59	0.51	0.43	0.35	0.30	0.24	0.20	0.16	
	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 NFPA101 Requirements for: 11' center-to-center spacing - 4' path of egress 1' from the wall- 7 1/2' mounting height.

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## OPTIONS

**CW**  
 Cold weather unit for use in freezer applications. (in temperatures as low as (-20°C ~ 40°C))

## CERTIFICATIONS/WARRANTY

**Listing**  
 UL Listed

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

**Location Rating:**  
 Suitable for wet 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.

## ORDERING INFORMATION

Part Number: ESRD-WEM

ESRD		EM	
SERIES	HOUSING COLOR	OPERATION	OPTIONS
ESRD	[-B] : Black	[EM] : Battery Backup	[BLANK] : No Options
	[-BR] : Bronze		[CW] : Cold Weather w/ Battery Backup
	[-N] : Nickel		
	[-W] : White		