

R-1 Incandescent Emergency Unit



Project:	
Type:	
Catalog #:	



STANDARD

OPTIONAL



ILLUMINATION

- Two fully-adjustable 5.4 watt, glare-free lamp heads.
- Smooth thermoplastic reflector and plastic lens for optimal light distribution.

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- LVD (low voltage disconnect) prevents battery from deep discharge.
- 6V maintenance-free, rechargeable Sealed lead acid battery.
- Internal solid-state transfer switch automatically connects the internal battery to 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 back K/O available for conduit application.
- Suitable for wall or ceiling mount.

HOUSING

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

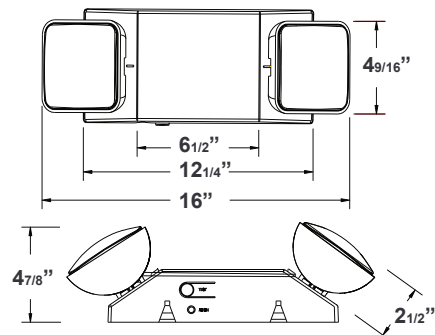
OPTIONS

- **SDT:** Self-diagnostic test feature performs monthly, biannually, and annually tests to ensure reliable operation and to meet electrical and life safety codes.
- **HTR:** Optional internal heater for cold temperature applications.
- **USA:** Substantial transformation assembly in the U.S. complies with "AssembLED in the USA" under the Buy American Act.
- **NC:** Long-life 6V maintenance free, rechargeable NiCD battery.

WARRANTY/LISTING

- Five year warranty on all electronics and housing. Batteries pro-rated for two years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL listed for damp locations. (20°C – 50°C)

DIMENSIONS



ORDERING INFORMATION

Special voltage options available. Check with your Best Lighting Representative.

Sample Part Number: R-1

Model	Housing Color	Options
R-1	Blank White	SDT Self Diagnostics
	B Black	NC NiCad Battery
		HTR Internal Heater
		USA AssembLED in USA

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ELECTRICAL INFORMATION

Catalog Number	Input Watts (W)		Input Amps (A)	
	120V	277V	120V	277V
R-1	4.0	5.0	0.040	0.020
R-1SDT	4.5	4.5	0.040	0.030

CENTER-TO-CENTER SPACING GUIDELINES

For reference only.

1	0.05	0.05	0.07	0.09	0.13	0.13	0.16	0.23	0.30	0.27	0.28	0.42	0.37	0.33	0.31	0.23	0.20	0.14	0.10	0.08	0.08	0.05	0.03	0.02
2	0.06	0.07	0.09	0.10	0.12	0.17	0.19	0.24	0.27	0.31	0.38	0.40	0.37	0.37	0.32	0.27	0.24	0.17	0.13	0.10	0.09	0.05	0.05	0.04
3	0.07	0.08	0.08	0.11	0.14	0.16	0.19	0.23	0.28	0.38	0.37	0.43	0.44	0.33	0.31	0.32	0.21	0.18	0.13	0.12	0.10	0.06	0.05	0.04
4	0.05	0.06	0.08	0.13	0.15	0.16	0.19	0.20	0.29	0.31	0.31	0.29	0.36	0.35	0.27	0.22	0.20	0.15	0.13	0.11	0.10	0.06	0.05	0.04
5	0.05	0.06	0.10	0.12	0.13	0.16	0.17	0.17	0.23	0.27	0.27	0.29	0.30	0.28	0.24	0.21	0.17	0.13	0.10	0.06	0.10	0.07	0.05	0.04
6	0.03	0.06	0.08	0.11	0.12	0.14	0.14	0.18	0.21	0.23	0.22	0.24	0.25	0.25	0.19	0.17	0.17	0.12	0.10	0.10	0.08	0.06	0.06	0.03
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24