02-EM

LED REDUCED PROFILE THERMOPLASTIC EMERGENCY UNIT

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

ELECTRICAL
• Dual 120/277 voltage.
• Unique bi-color LED indicator light alerts occupant on battery condition (Green-normal, Red-check battery).
• 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.

ILLUMINATION
• Ultra-bright, energy efficient, long-life White LED adjustable lamp heads provide up to 30-ft center-tocenter spacing with 3-ft path of egress at 10-ft mounting height.
• 1.5 watt (3 LEDs x 0.50 watt) per head.
• Unique all-inclusive lamp, reflector and lens assembly.

MOUNTING
• Universal knockout pattern on back plate for surface mount.
• Suitable for wall or ceiling mount.
• Knockout for conduit applications.

CODE COMPLIANCE
• UL listed for damp locations (0°C – 50°C).
• Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA,
• Local and State Codes.
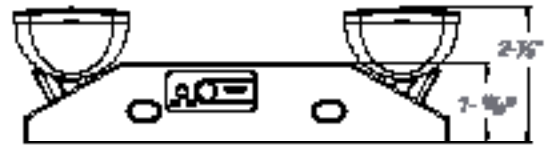• Certified to CEC under title 20 regulations.

OPTIONS
• RC: Remote capacity of 2.5 watts.
• SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes.
• USA: Substantial transformation assembly in U.S. complies with "Assembled in USA" under the Buy American Act.

WARRANTY
• 5-year warranty on all electronics and housing. Batteries pro rated for 5 years.

*L_{70} hours are IES TM-21-11 calculated hours

Standard

Optional

PRODUCT PARAMETERS

SERIES	HOUSING COLOR	OPTIONS
02-EM	W = White B = Black	RC = Remote Capacity SDT = Self-Diagnostic USA - Assembled in USA

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PROJECT
TYPE
CATALOG #

ELECTRICAL DATA

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
02-EM	0.6	0.7	0.075	0.075
02-EM-SDT	0.6	0.7	0.09	0.09
02-EM-RC/SDT	0.8	1.0	0.12	0.12

REMOTE COMPATIBILITY

MODEL NUMBER	BATTERY	REMOTE CAPACITY	COMPATIBLE REMOTE HEAD FAMILY			
			RHLED	MRHLED	RH16LED	SRHLED
02-EM RC	3.6V	2.5W	x	x		