

HPEM LED High Performance Emergency Thermoplastic Unit



Project:	
Type:	
Catalog #:	

STANDARD



OPTIONAL



ILLUMINATION

- Ultra-bright, energy efficient, long-life White LED adjustable lamp heads provide up to 100-ft center-to-center spacing with a 3-ft path of egress at 7-1/2-ft mounting height.
- High performance chrome-plated metallized reflector and plastic lens.
- 5.0 watt (12 LEDs x 0.42 watt) per head.

ELECTRICAL

- Universal 120-277 voltage.
- Unique bi-color LED indicator light alerts occupant on battery condition (Red-normal, OFF-check battery).
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 9.6V long-life, maintenance-free, rechargeable lithium iron phosphate battery.
- Remote capacity of 3.0 watts standard.
- 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.

MOUNTING

- Universal knockout pattern on back plate for surface mount.
- Knockouts provided for conduit feed applications.
- Suitable for wall or ceiling mount.

HOUSING

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

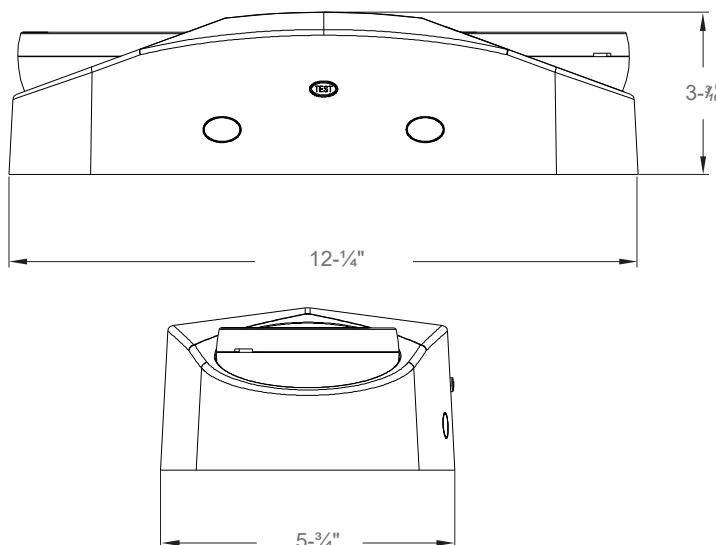
OPTIONS

- SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes.

WARRANTY / LISTING

- Five-year warranty on all electronics and housing. Battery prorated for five years.
- Meets UL924, NFPA 101, Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Certified to CEC under title 20 regulations.

DIMENSIONS



ORDERING INFORMATION

Sample Part Number: **HPEMW**

MODEL	HOUSING COLOR		OPTIONS	
HPEM	W	White	SDT	Self-Diagnostics
	B	Black		

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ELECTRICAL INFORMATION

MODEL	INPUT VOLTAGE (V)	INPUT CURRENT (A)	INPUT POWER (W)
HPEM	120-277	0.06	4.5
HPEMSDT	120-277	0.06	4.5

REMOTE LAMP COMPATIBILITY

MODEL NUMBER	BATTERY	REMOTE CAPACITY	COMPATIBLE REMOTE HEAD FAMILY			
			RHLED	MRHLED	RH16LED	SRHLED
HPEM	9.6V	3.0W	x			

SPACING INFORMATION

Model #	Mount Height (ft)	3FT Width Egress Path		6FT Width Egress Path	
		Single Fixture (ft)	Fixture To Fixture (ft)	Single Fixture (ft)	Fixture To Fixture (ft)
HPEM	7.5 (wall mount)	100	100	90	90
	10 (wall mount)	84	88	78	82
	15 (wall mount)	80	83	72	76
	10 (ceiling mount)	102	105	90	96
	15 (ceiling mount)	100	101	86	90
	20 (ceiling mount)	88	91	82	85