

Project Name:	
Type:	

# M7 Series

LED Emergency Lighting

## PRODUCT FEATURE :

### HOUSING

- Injection-molded thermoplastic ABS housing.
- Plastic enclosure with 5VA flame retardant.
- Slim and deco shape and easy installation.
- Two fully adjustable round shape light heads for emergency light.

### ELECTRICAL

- 120-277VAC 50/60Hz universal input.
- Lithium iron phosphate battery.
- 24 hours recharge after 90 minutes discharge.
- Test switch and charge indicator.

### ILLUMINATION

- Three lumen output available, low lumen output, medium lumen output and high lumen output.
- Color temperature 5000K

### MOUNTING

- Suitable for wall mount and ceiling mount.
- Suitable for top enter conduit applications.

### OPTIONS

- CT option with self-testing and self-diagnostics.
- RC option with remote capability.
- ZD option with Wireless Reporting LynxEM® Control.

### LAMP HEAD

- Standard model LED lamp head DC 3.6, 1W, deliver 210lm from whole unit, CCT 5700K
- HO model LED lamp head DC 3.6V, 1.8W, deliver 400lm from whole unit, CCT 5000K

### LISTING

- Suitable for use in 5 -50 ambient temperature, suitable for damp location.
- UL and cUL listed and meets or exceed all requirement in NFPA 70, NFPA 101 life safety code, suitable for U.S.A and Canada market.
- Comply CEC title 20 requirement.

### WARRANTY

- See [Limited Warranty Policy](#) for more additional information



### RELATED PRODUCTS

- [M1 LED Emergency Lighting](#)
- [M2 LED Emergency Lighting](#)
- [M4 LED Emergency Lighting](#)
- [M5 LED Emergency Lighting](#)
- [M6 LED Emergency Lighting](#)

## ORDER INFORMATION: EXAMPLE: M7-B-RC-ZD

MODEL	LUMEN OUTPUT & REMOTE CAPABILITY	TEST FACILITY	HOUSING COLOR
M7	<b>A</b> LiFePO4 battery, low lumen output <b>B</b> LiFePO4 battery, medium lumen output <b>B-RC</b> LiFePO4 battery, medium lumen output, With remote capability <b>HO</b> LiFePO4 battery, high lumen output	<b>BLANK</b> Manual test <b>CT</b> Self-test/self- diagnostics <b>ZD</b> CT with wireless Reporting LynxEM® Control (for M7-B and M7-HO item)	<b>W</b> White <b>B</b> Black

# M7 Series

LED Emergency Lighting

Project Name:
Type:

## MODEL LIST AND ELECTRICAL RATING

MODEL	TEST FACILITY	BATTERY	RECHARGE TIME	EMERGENCY DURATION	INPUT RATING			OUTPUT		
					VAC	Hz	mA	LAMP HEAD	LUMEN OUTPUT	REMOTE CAPABILITY
<b>M7-A</b>	Manual test	LiFePO4 3.2V1500mAH	24 hours	90 minutes	120/277	50/60	1.5	1.0W *2	250ml	N/A
<b>M7-B</b>	Manual test	LiFePO4 6.4V2000mAH	24 hours	90 minutes	120/277	50/60	5	2.7W *2	700ml	N/A
<b>M7-B-RC</b>	Manual test	LiFePO4 6.4V4000mAH	24 hours	90 minutes	120/277	50/60	5	2.7W *2	700ml	6V 4.5W Max
<b>M7-B-HO</b>	Manual test	LiFePO4 6.4V4000mAH	24 hours	90 minutes	120/277	50/60	5	5.4W *2	1590ml	N/A
<b>M7-A-CT</b>	Self-testing Self-diagnostics	LiFePO4 3.2V1500mAH	24 hours	90 minutes	120/277	50/60	1.5	1.0W *2	250ml	N/A
<b>M7-B-CT</b>	Self-testing Self-diagnostics	LiFePO4 6.4V2000mAH	24 hours	90 minutes	120/277	50/60	5	2.7W *2	700ml	N/A
<b>M7-B-RC-CT</b>	Self-testing Self-diagnostics	LiFePO4 6.4V4000mAH	24 hours	90 minutes	120/277	50/60	5	2.7W *2	700ml	6V 4.5W Max
<b>M7-HO-CT</b>	Self-testing Self-diagnostics	LiFePO4 6.4V4000mAH	24 hours	90 minutes	120/277	50/60	5	5.4W *2	1590ml	N/A
<b>M7-B-ZD</b>	Self-testing Self-diagnostics	LiFePO4 6.4V2000mAH	24 hours	90 minutes	120/277	50/60	5	2.7W *2	700ml	N/A
<b>M7-B-RC-ZD</b>	Self-testing Self-diagnostics	LiFePO4 6.4V4000mAH	24 hours	90 minutes	120/277	50/60	5	2.7W *2	700ml	6V 4.5W Max
<b>M7-HO-ZD</b>	Self-testing Self-diagnostics	LiFePO4 6.4V4000mAH	24 hours	90 minutes	120/277	50/60	5	5.4W *2	1590ml	N/A

Project Name:	
Type:	

# M7 Series

LED Emergency Lighting

M7-LFP-RC has 6V4.5W constant current remote capability, can drive following remote heads



**WEXH-800L-0.75W\*4pcs (constant)**

- Single remote heads, DC3-12V input, Constant power 0.75W, delivers 70lm.
- Operation temperature range -25°C...50°C suitable for wet location.
- UL, cUL listed.



**WEXH-810L-1.5W\*2pcs (constant)**

- Dual remote heads, DC3-12V input, Constant power 1.5W, delivers 150lm.
- Operation temperature range -25°C...+50°C suitable for wet location.
- UL, cUL listed.



**WEXH-800N-0.75W\*2pcs**

- Single remote heads, DC3-12V input, Constant power 1.0W, delivers 100lm.
- Operation temperature range -25°C...50°C suitable for wet location.
- UL, cUL listed.

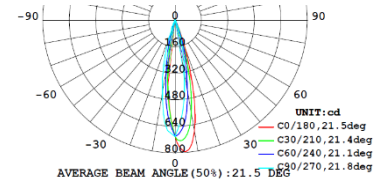
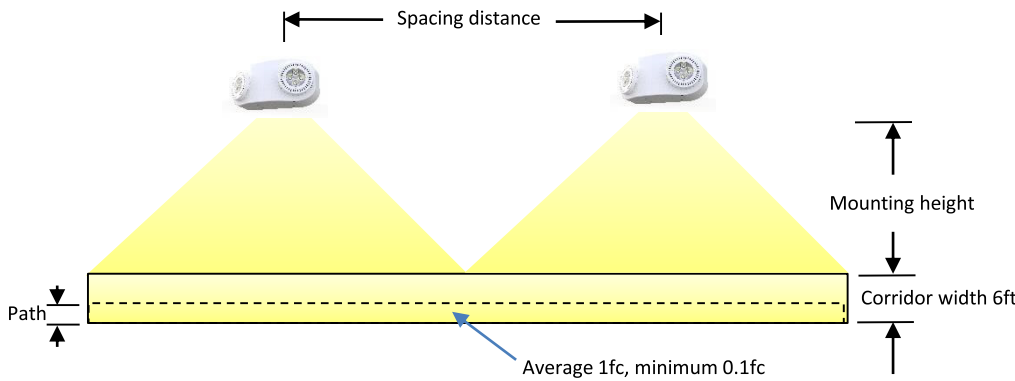


**WEXH-810L-2W\*2pcs (constant)**

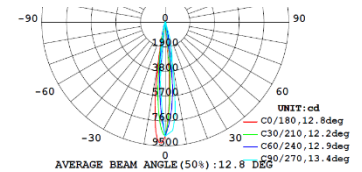
- Dual remote heads, DC3-12V input, Constant power 1.5W, delivers 200lm.
- Operation temperature range -25°C...+50°C suitable for wet location.
- UL, cUL listed.

## MOUNTING SPACING DISTANCE

NFPA 101 requires 1.0 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 10 feet ceiling with a 6 feet wide walkway and 6&3 feet path of egress for calculation. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet /10ft.



For M7-A/B, beam angle 21.5 degree



For M7-HO, beam angle 12.8 degree

## PHOTOMETRIC

MODEL	Spacing Distance	7.5ft height	7.5ft height	10ft height	10ft height
		6ft width corridor 3ft width path	6ft width corridor 6ft width path	6ft width corridor 3ft width path	6ft width corridor 6ft width path
M7-A	250LM	38ft	32ft	32ft	30ft
M7-B	700lm	75ft	70ft	70ft	60ft
M7-HO	1590lm	125ft	115ft	115ft	100ft

# M7 Series

LED Emergency Lighting

Project Name:	
Type:	

