

# WEATHERLITE

## Wet Location LED Emergency Light

The Weatherlite emergency light provides an attractive solution to applications that require low profile egress emergency lighting with rugged durability and good looks. Constructed of Die-Cast Aluminum with a polycarbonate refractor and finished in epoxy powder coat, the Weatherlite is gasket sealed ready for use in both outdoor and indoor applications. LED's provide low energy consumption, bright uniform illumination, and long (50,000+ hours) lamp life.



### CONSTRUCTION

- Wet location listed for indoor or outdoor applications 0°C to 50°C, IP 65 rated, suitable for NEMA 4X
- Rugged die-cast aluminum construction
- Durable powder coat finish available in Dark Bronze or pure White
- Snap fit assembly with vandal resistant latch clips; no visibly hardware
- Gasket sealed to suit universal junction boxes
- Conduit entry provided on top of unit
- UV stabilized polycarbonate refractor resists yellowing and provides uniform distribution
- Externally accessible test switch for manual momentary test operation

### ELECTRICAL

- Optional cold temperature package for -20°C to 50°C applications
- Available as an AC only fixture
- Selectable photocell activation for night-time/security lighting
- Integral push to test switch with easily visible Bi-color LED diagnostic indicator
- Self Test / Self Diagnostic circuit is provided as standard thereby reducing manual testing obligations
- Automated 28 day self test checks lamp, battery, electronic circuitry, over a short one minute test

- Extended 30 minute emergency duration tests are automatically conducted every six months
- Premium long life, high temperature Nickel Cadmium battery provides the required 90 minute operation
- Field selectable universal 120 ~ 277 VAC input
- Brownout sensing assures emergency illumination during periods of low line voltage
- Self-compensating solid state Constant Current Charger provides extended float life and rapid recharge
- Zero current LVCO ensures positive charge acceptance following an extended discharge

### ILLUMINATION

- 15 watt high output LED module provide 1050 lumens at 5000 K color temperature
- Long (50,000+ hour) lamp life

### CERTIFICATION

- Listed to UL 924 Damp and Wet location, meets NFPA 101 Life Safety Code, NFPA 70-NEC, and OSHA requirements

### WARRANTY

- 3 year limited warranty - view complete warranty terms online at [www.evenlite.com/terms-warranty](http://www.evenlite.com/terms-warranty).

### ORDERING GUIDE

WLEM-BZ-CT

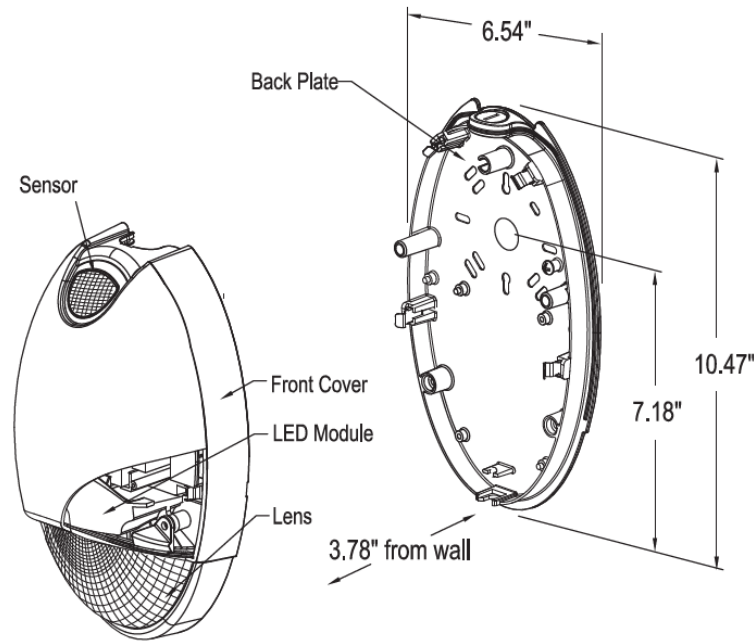
MODEL	BATTERY TYPE	HOUSING COLOR	OPTIONS	ORDERING NOTES
WL	AC AC Only <sup>1</sup>	BK Black <sup>2</sup>	CT Cold Temperature Operation <sup>3</sup>	1 Includes optional photocell activation that has the option to be bypassed. 2 Available in EM only. 3 -20°C (-4°F)
	EM Self-Contained Battery Backup <sup>1</sup>	BZ Bronze		
WL		WH White		

Fill in fields from categories above and complete type and part number.

Type No:

Full Part No:

## DIMENSIONS



## INCLUDED SELF-DIAGNOSTIC

DIAGNOSTIC INDICATOR / TEST SWITCH	
GREEN	Ready
GREEN [X2]	In Test
RED FLASH [X1]	Battery Circuit Fault
RED FLASH [X2]	Battery Capacity Failure
RED FLASH [X3]	Charger Failure
RED FLASH [X4]	Transformer Fault
RED FLASH [X5]	Lamp Failure

MANUAL TESTING	
PRESS BUTTON 1X	1 Minute Test
PRESS BUTTON 2X	5 Minute Test
PRESS BUTTON 3X	30 Minute Test
PRESS BUTTON 4X	90 Minute Test

## OPTIONAL FIELD WIRING CONFIGURATION

### WLAC MODEL - NO BATTERY BACKUP

- Integral photocell: Enables operation as a dusk to dawn general lighting luminaire.
- AC Only: The integral photocell can be defeated to allow remote switching as a general lighting luminaire.

### WLEM MODEL - NICKEL CADMIUM BATTERY BACKUP

- Integral photocell: Unit operates as a dusk to dawn luminaire and in the event of a power failure as an emergency light.
- Remote Switched: The integral photocell can be defeated to allow remote switching for normal operation. In the event of a power failure unit operates as an emergency light.
- Normally Off: Both the photocell and switch options can be defeated for use as a standard emergency light that only operates in battery backup mode in the event of power loss.

SPACING GUIDE

WEATHERLITE AC – OUTDOOR

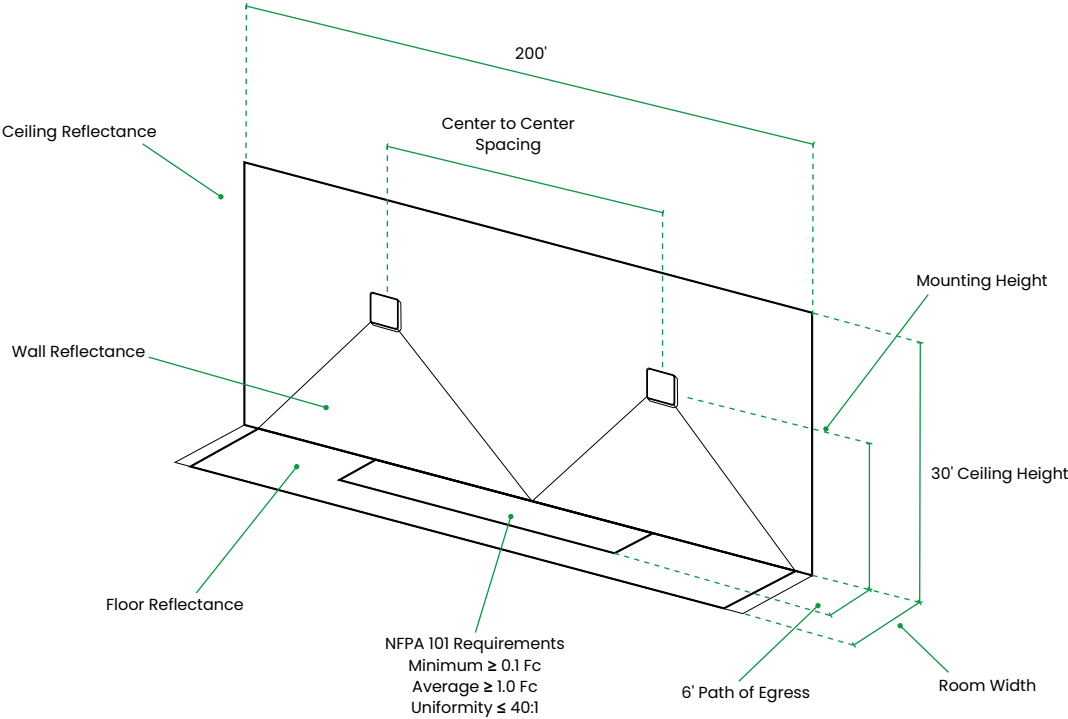
Room Dimensions: 200' x 30' High Mounting Wall  
Reflectance: 0% (Ceiling) | 30% (Wall) | 10% (Floor)  
Path of Egress: 6' Wide

MOUNTING HEIGHT	CEILING HEIGHT	SPACING CENTER TO CENTER	ROTATION*	NFPA 101 REQUIREMENTS		
				AVERAGE ≥ 1.0 Fc	MINIMUM ≥ 0.1 Fc	MAXIMUM / MINIMUM ≤ 40:1
7.5'	-	31'	-	1.01 Fc	0.13 Fc	-
9'	-	27'	-	1.01 Fc	0.34 Fc	-
10'	-	25'	-	1.00 Fc	0.45 Fc	-
12'	-	20'	-	1.03 Fc	0.81 Fc	-
14'	-	16'	-	1.03 Fc	0.84 Fc	-

WEATHERLITE EM – OUTDOOR

Room Dimensions: 200' x 30' High Mounting Wall  
Reflectance: 0% (Ceiling) | 30% (Wall) | 10% (Floor)  
Path of Egress: 6' Wide

MOUNTING HEIGHT	CEILING HEIGHT	SPACING CENTER TO CENTER	ROTATION*	NFPA 101 REQUIREMENTS		
				AVERAGE ≥ 1.0 Fc	MINIMUM ≥ 0.1 Fc	MAXIMUM / MINIMUM ≤ 40:1
7.5'	-	19'	-	1.04 Fc	0.46 Fc	-
9'	-	17'	-	1.00 Fc	0.66 Fc	-
10'	-	15'	-	1.01 Fc	0.78 Fc	-
12'	-	11'	-	1.01 Fc	0.77 Fc	-
14'	-	4'	-	1.00 Fc	0.84 Fc	-



ADDITIONAL IMAGERY



BRONZE



WHITE