



EMLED SERIES - EAE

LED OUTDOOR EGRESS EMERGENCY LIGHT



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____



PRODUCT DESCRIPTION

A dramatic new and compact architectural design, providing powerful emergency and normal lighting for over-door and other exterior locations, with full 90° cut-off. The lamp housing and canopy are fabricated from extruded aluminum, in enamel or anodized finishes, with rugged sealed diffuser lens and stainless hardware, for wall or ceiling mount.

RATED IP66: SUITABLE FOR WET LOCATIONS

AMBIENT TEMPERATURE LIMITS:

Standard "BB" models: -20°C to +40°C

Remote models: -40°C to +50°C

** NOTE Security Lighting is **REQUIRED** for operations at -40°C. Fixtures will operate when ambient drop below -20°C.

ORDERING INFORMATION

Model	Operation	Power	Housing Color	Mount	Options
EAE	BB = Battery Backup ¹	10 = 10 Watts	BL = Black	T = Top	CW1 = Custom Window Filter - 3800K
	AC = AC Supply 120/277	20 = 20 Watts ²	W = Satin White	W = Wall	CW2 = Custom Window Filter - 3200K
			A = Aluminum		CW3 = Custom Window Filter - 2900K
			DB = Dark Bronze		DAC120 = Dual AC Input - 120V (AC Models Only)
			CC = Custom		DAC277 = Dual AC Input - 277V (AC Models Only)
NOTE:					DG = Battery Diagnostics ³
¹ Requires 1 1/2" J-box Extension Ring					LT = Low Temp Operation to -40°C ⁴
² BB 20W Requires RPS - see RPS spec sheet.					SB120 = Security Lighting with Control Switch for Standard BB Operation (120V)
³ For Battery Backup Units Only					SD277 = Security Lighting with Control Switch for Standard BB Operation (277V)
⁴ Requires RPS. See RPS spec sheet					SD = Security Lighting with Control Switch for BB Operation with DG Option (120/277V)

CONSTRUCTION

- Extremely low profile, formed aluminum housing. Standard finish is white satin paint; custom colors are available, including brushed aluminum anodized finishes.
- Wet location listed IP66.
- Uniform elongated lighting pattern over required path of Egress.
- Full 90° cut-off.
- Two versions are available:
BB= Battery Backup
AC= 120/277 VAC supply

ELECTRICAL

- Lamps are connected in parallel. If one lamp fails, one or more lamps will continue in operation.
- Universal 120/277 VAC input for standard battery or AC unit, or 24 VDC input for remote configuration.
- Power supply delivers regulated current and voltage to LED lamps at optimum levels to maximize lamp life.
- Automatic battery diagnostics available for battery Models.
- LED color temperature standard 5300K; available color temperatures from 2900K, 3200K, to 3800K.

ENERGY EFFICIENT OPERATION

- Emergency lighting with optional dual function operation for night or security lighting.
- Very low power consumption in optional night/ security mode. The security lighting circuit is independent of emergency lighting and may be switched manually, by an exterior photocell, or other automatic means.
- Over 50,000 hour lamp life in normal use.
- IES photometric data available for all models.

CODES

- Manufactured and tested to UL Standard 924 and NFPA Life Safety Code 101.

WARRANTY

- 5 year total customer satisfaction warranty.





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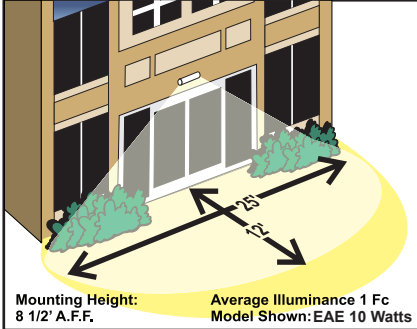


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SUGGESTED SPECIFICATIONS

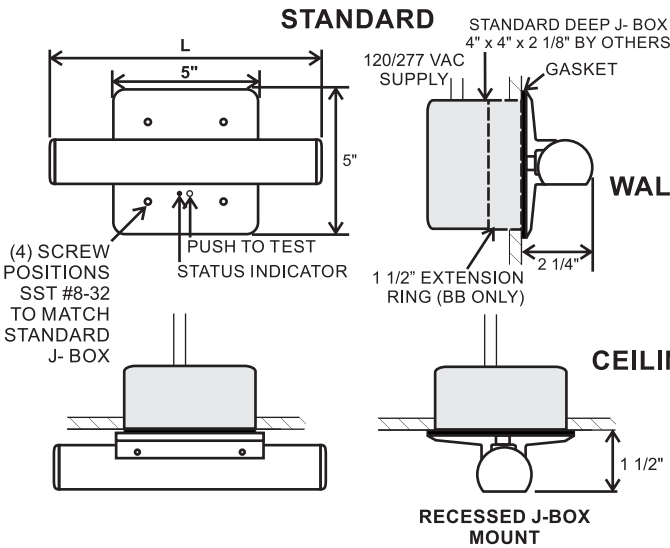
Install EMLED Series EAE architectural emergency lighting fixture manufactured by Mule Lighting, Inc. The EAE assembly shall be listed for installation in wet locations in compliance with UL 924 and IP66 standards, available as unit equipment or as a remote connected to a central battery power source. Upon loss of AC building power, lighting will be activated for a minimum of 90 minutes under battery power, in compliance with UL 924 and NFPA LSC Code 101. In remote configuration, the unit may be specified to operate continuously for security or night lighting, as required. The battery charger and power supply shall have universal input of 120/277 VAC, with brownout and LVD circuit protection. Auto battery diagnostics shall be available for all models and shall perform all test functions specified by UL 924 and NFPA 101.

SPACING GUIDE



NOTE: FOR REFERENCE ONLY. STANDARD REFLECTANCES 80/50/20. MULE LIGHTING IS NOT RESPONSIBLE FOR SPECIFIC CONDITIONS THAT MAY ALTER THE RESULTS. CONTACT MULE FOR LAYOUT ASSISTANCE. Code Compliant Emergency lighting layouts provided free of charge!

MOUNTING DATA & DIMENSIONS:



LENGTH TABLE

POWER	L
10 Watts	10"
20 Watts*	21"

* AC Models Only

SECURITY LIGHTING CONTROL

BB Models: Requires Option '-SB120' for connection to 120 VAC
 Requires Option '-SD277' for connection to 277 VAC

BB-DG Models: Requires Option '-SD' for connection to 120/ 277 VAC

SELF- TEST DIAGNOSTIC FUNCTIONS

BB MODELS WITH DG FUNCTION

STATUS	LED DISPLAY
NORMAL FULL CHARGE	GREEN ON
NORMAL FAST CHARGE	ORANGE ON
FAILED BATTERY	RED FLASH FAST
FAILED LAMP	GREEN FLASH
FAILED TRANSFER	ORANGE FLASH
FAILED CHARGER	RED FLASH SLOW

EM Watts	SEC Power- Watts
10	10

