

# LED Mullion Mount Emergency Light Outdoor Egress

**Series MUE**  
MUE.05.10.05

## The Brightest Idea is Emergency Lighting with LEDs



### GENERAL DESCRIPTION

- Designed to mount directly on extruded structural mullion beams used in typical glass-fronted entrances and other dividing walls. This unique and very low profile fixture will fit directly on to a 2 1/2" high surface and provide extremely efficient emergency and general lighting over the path of egress.

### CONSTRUCTION

- Rugged extruded aluminum housing with stainless hardware is corrosion proof.
- Wet location listed UL 924 and IP66.
- Uniform, high brightness lighting over the path of egress.
- Three versions are available:

RE= Central Battery System Series CBS or other qualified source 12V- 24 VDC.

BB= Battery backup from Remote Battery Supply Series RPS.

AC= 120/277 VAC supply.

### ENERGY EFFICIENT OPERATION

- Dual function operation for normally on lighting as well as emergency lighting.
- Very low power consumption. This unit offers tremendous energy savings when compared to any fluorescent or incandescent lighting systems.
- Over 50,000 hour lamp life in normal use.

### ELECTRONICS

- An advanced LED driver module is incorporated in the fixture, allowing dual operation from the Sigtex Central Battery System for both emergency and general lighting, or from 24 VDC supply.
- Lamps are connected in parallel-series strings, as required to meet requirements of NEC and Life Safety Codes. Lighting continues even after failure of one lamp or circuit.

### CODES

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

### WARRANTY

- 5 year total customer satisfaction warranty. For details see product catalog technical data section.

**DESIGNED  
& MADE IN  
THE USA**



### FIXTURE SCHEDULE

<b>MODEL</b>	<b>CATALOG NO</b>
<b>APPROVAL</b>	<b>JOB INFORMATION</b>

**Sigtex Inc**  
LIGHTING  
SPECIFIED EMERGENCY LIGHTING

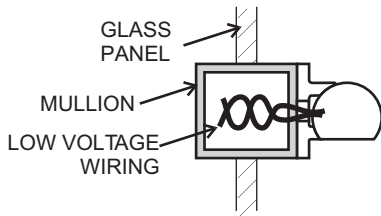
# LED Mullion Mount Emergency Light Outdoor Egress

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## SUGGESTED SPECIFICATIONS:

Supply and install the MOONLITE LED Series MUE Mullion Mount emergency lighting fixture manufactured by Sigtex Lighting Inc. The MUE assembly shall be listed for installation in wet locations in compliance with UL 924 and IP66 standards and shall be capable of operating from Sigtex remote power supply Series RPS, the Sigtex central battery system Series CBS, or from other remote power sources supplying 12-24 VDC or VAC. Upon loss of AC building power, emergency models shall operate for a minimum of 90 minutes in compliance with UL Standard 924 and NFPA LSC 101.

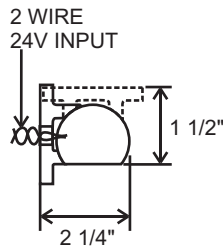
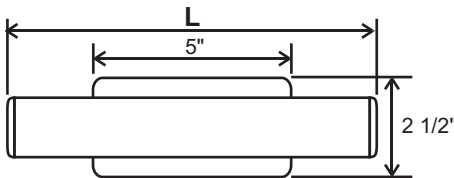
## MOUNTING DATA & DIMENSIONS:



### LENGTH TABLE

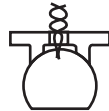
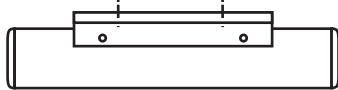
POWER	L
10 Watts	10"
20 Watts	21"

### MULLION MOUNT



### TOP MOUNT

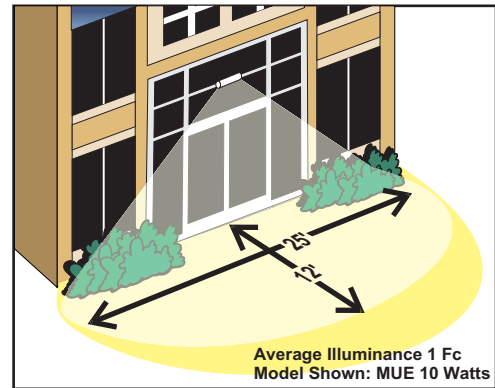
2 3/4" MOUNT  
SCREW LOCATIONS



**Emergency Power Rating (EPR): 10 WATTS**  
**Security Power Rating (SPR): 10 WATTS**

**SUITABLE FOR WET LOCATIONS**  
**AMBIENT TEMPERATURE LIMITS:**  
Standard "BB" models: -20° C to +40° C  
Remote models: -40° C to +50° C

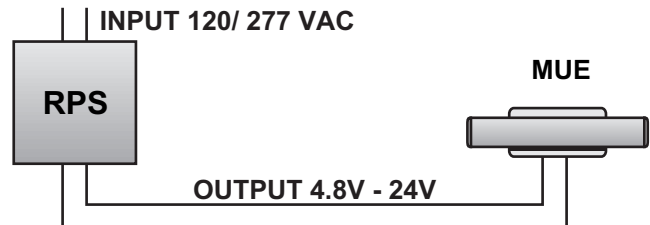
## SPACING GUIDE



Model	Mtg. Ht.	SPACING		
		Path of Egress Width		
MUE	8'	3 Ft.	6 Ft.	10 Ft.
		25'	25'	25'

**NOTE:** FOR REFERENCE ONLY. STANDARD REFLECTANCES 80/50/20. SIGTEX IS NOT RESPONSIBLE FOR SPECIFIC CONDITIONS THAT MAY ALTER THE RESULTS.

**CONTACT SIGTEX FOR LAYOUT ASSISTANCE**  
Code Compliant Emergency lighting layouts provided free of charge!



WIRING SIZE AWG	MAXIMUM WIRING LENGTH FROM RPS TO FIXTURE		
	LENGTH (FT)		
	MUEBB 4.8v	MUE 12v	MUE 24v
#20	100	22	89
#18	170	35	142
#16	430	56	225

## FIXTURE ORDERING INFORMATION: EXAMPLE: MUEBB10AW-DG

MUE	BB	10	A	W	-DG
<b>MODEL SERIES</b>	<b>OPERATION</b>	<b>POWER</b>	<b>HOUSING COLOR</b>	<b>MOUNT</b>	<b>OPTIONS</b>
MUE	RE= Central Battery or other 12- 24 VDC Remote Source BB= Battery Backup from RPS AC= No Battery from RPS	10= 10 Watts 20= 20 Watts (See Length Table)	W= Satin White A= Aluminum X= Custom	T= Top W= Wall	DG= Battery Diagnostics SW*= Security Lighting with Control Switch*

\*Models with battery backup and the SW option may operate in Security Lighting mode when connected to the active building AC supply and wired according to Installation Instructions. The security lighting circuit is independent of emergency lighting and may be switched manually, by an exterior photocell, or other means.

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**DISTRIBUTOR:**

Specifications and Dimensions subject to change without notice.