Signtex Inc LIGHTING
INTELLIGENT EMERGENCY LIGHTING SYSTEMS

PROJECT:	
TYPE:	
CATALOG #:	

Mullion Mount Outdoor Emergency Egress Lighting

Linear LED outdoor egress with emergency lighting, night lighting and Self-test diagnostics with all Battery Backup (BB) models. The MUE series is designed to mount directly on mullion frames used in typical glass panel entrance structures, with vertical mounting surface as small as 2". High efficiency LEDs and full 90° cut-off provide uniform emergency and night lighting on the extended egress pathway. All models are outdoor rated, UL wet location, ADA compliant, and exceed requirements of UL Standard 924 and NFPA 101. Designed and manufactured in the USA.

MOONLITE LED®

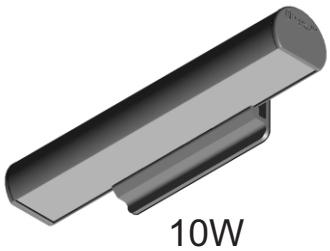
Series MUE

REV #: MUE.09.25.20

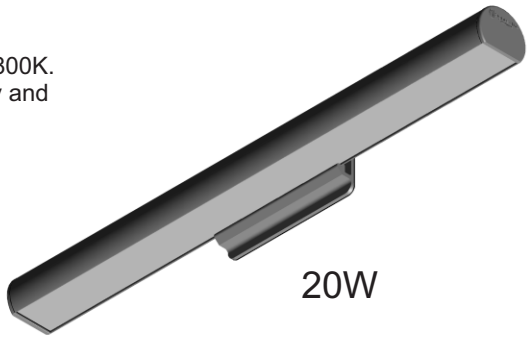
User's Manual

FEATURES

- Very low profile extruded aluminum housing and mount bracket blend seamlessly with structural metal frames
- Custom satin finishes for extended outdoor use are available to match any surface
- Universal side or top mount
- Remote power supply for BB & AC models
- Standard 20 watt models operate for 2 hours in emergency mode
- Self-Test Diagnostics is standard
- Optional normal-on switch allows timed control of night lighting
- IP66 housing seals against heavy water spray and fine dust ingress
- Wide lighting distribution designed for entrance walkways
- Standard CRI 5000K, with optional color corrections filters for 2900K, 3200K and 3800K.
- American manufactured major components comply with ARRA (American Recovery and Reinvestment Act) requirements and Buy American provisions.
- Wall mount version available (see Series MAE)



10W



20W

CONSTRUCTION

- Extruded aluminum housing 2" diameter with gasketed mullion-mount back plate 2 ½" x 5" that includes a waterproof compression seal for easy wiring installation.
- Available in Brushed Aluminum, Satin White, Bronze, Black, or any custom color on request.
- Wet location listed UL924 and certified IP66
- Gasketed, molded end caps
- Stainless steel hardware
- Sealed acrylic lens

ELECTRONICS

- Self-Test/Self-Diagnostic operation is standard in battery backup versions.
- Line latch circuit prevents unwanted emergency activation at installation.
- Low Voltage Disconnect prevents deep battery discharge
- High efficiency charger and Li-ion Battery
- Standard Operating Temperature
  BB: 0°C to 50°C
  AC & RE: -40°C to 50°C

CODES

- Manufactured and tested to UL Standard 924, NFPA Life Safety Code101, and certified to Ip66.

WARRANTY

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

DESIGNED & MADE IN THE USA

10/5 WARRANTY

Intertek

LISTED

WET

BABA BAA

FIXTURE ORDERING INFORMATION *EXAMPLE: MUEBB10AW-SD*

MUE BB 10 A W SD

SERIES	OPERATION	POWER	HOUSING COLOR	MOUNT	OPTIONS
MUE	**BB** Battery Unit **AC** No Battery **RE** Central Battery	**10** 10 watts emergency and normal power **20** 20 watts emergency and normal power	**W** Satin White **K** Black **A** Aluminum **B** Dark Bronze **X** Custom	**T** Top **W** Wall	**SD** Night lighting with control switch for BB operation 120/277V **DAC** Dual AC input **CW1** 3800K **CW2** 3200K **CW3** 2900K **2HT** 2" canopy Heigh **5HT** 5" canopy Height **REC** RPS Recessed Mount (20W BB Model only)

MOONLITE LED®

Series MUE

REV #: MUE.09.25.20

Mullion Mount Outdoor Emergency Egress Lighting

LIGHTING

- Lamps connected in parallel allow continuous lighting after failure of one lamp, meeting NEC and NFPA requirements.
- Standard output color 5000K. Optional outputs available 2990K, 3200K and 3800K.
- Dual function available for emergency or normally -ON operation.

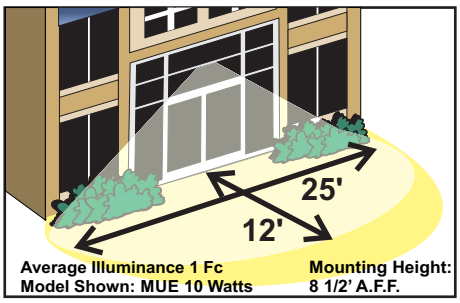
NIGHT LIGHTING CONTROL

RE MODELS: Requires 'SEC' option with central battery
BB MODELS: Requires option 'SD' for connection to 120/277 VAC

SUGGESTED SPECIFICATIONS:

Supply and install the MOONLITE LED Series MUE Mullion Mount emergency lighting fixture manufactured by Signtex 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 Signtex remote power supply Series RPS, the Signtex 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.

MUE10 SPACING GUIDE



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

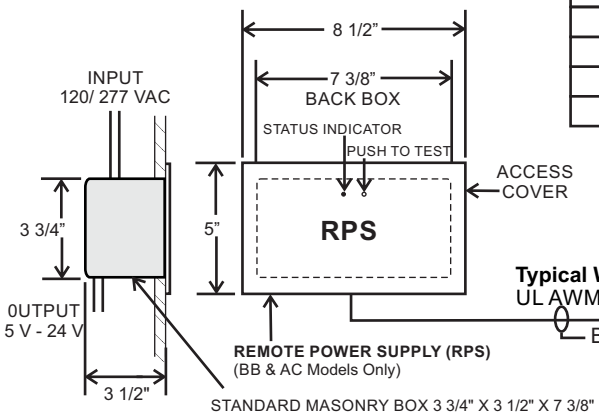
CONTACT SIGNTEX FOR LAYOUT ASSISTANCE

MOUNTING DATA & DIMENSIONS:

1) 10 Watts AC & BB Models Remote Power Supply

MAXIMUM WIRING LENGTH FROM 10 WATTS RPS TO FIXTURE

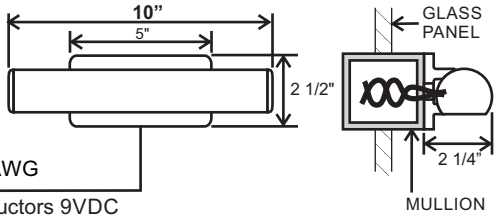
WIRING SIZE AWG	LENGTH (FT) MUEBB-10
#18	25
#16	50
#14	75
#12	125



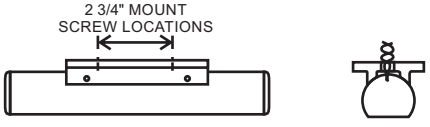
Typical Wiring Specification:
UL AWM Style: Control Cable #20 AWG
BB and AC Models: 2 Conductors 9VDC

STANDARD MASONRY BOX 3 3/4" X 3 1/2" X 7 3/8"
(SUPPLIED BY OTHERS)
TYPICAL STOCK MODELS:
CROUSE HINDS #TP693
RACO # 698

WALL MOUNT



TOP MOUNT



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

NIGHT LIGHTING CONTROL

RE MODELS: Requires 'SEC' option with central battery
BB MODELS: Requires option 'SD' for connection to 120/277 VAC

Signtex Inc. 220 VFW Avenue, Grasonville, MD21638 P (410)827- 8300 F(410)827- 8866 www.signtexinc.com

Specifications and dimensions subject to change without notice.

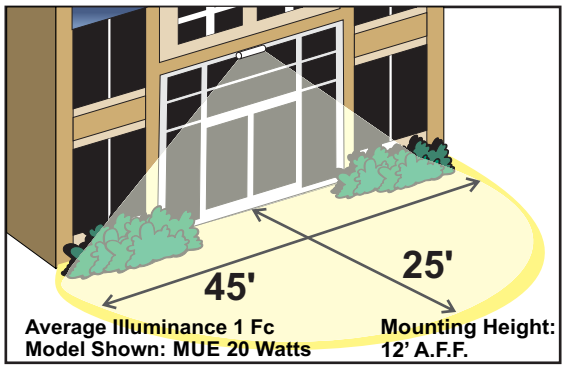
Mullion Mount Outdoor Emergency Egress Lighting

2) 20 Watts BB Models
Remote Power Supply

MAXIMUM WIRING LENGTH FROM 20 WATTS RPS TO FIXTURE

WIRING SIZE AWG	LENGTH (FT) MUEBB-20
#18	60
#16	100
#14	160
#12	250

MUE20 SPACING GUIDE



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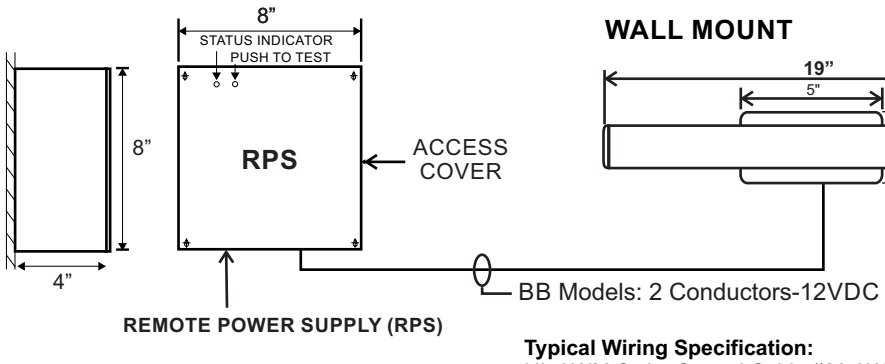
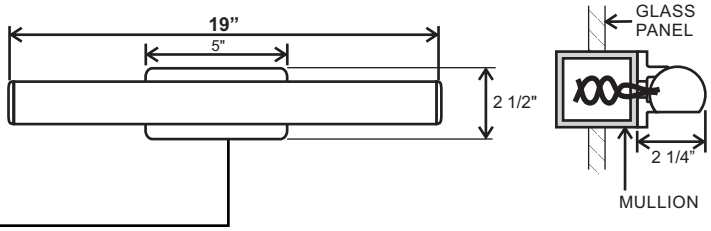
SURFACE MOUNT

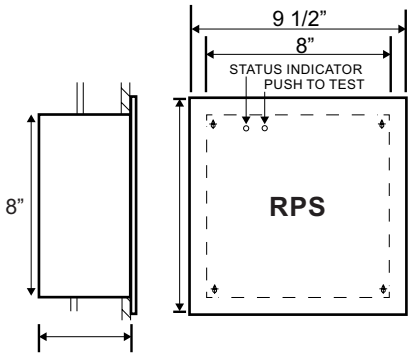


WALL MOUNT

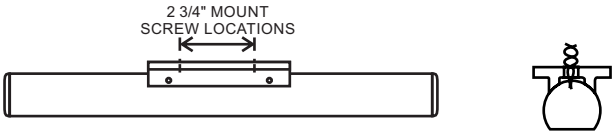


Typical Wiring Specification:
UL AWM Style: Control Cable #20 AWG 300V

RECESS MOUNT (OPTION REC)



TOP MOUNT



SELF- TEST DIAGNOSTIC FUNCTIONS
BB MODELS WITH DG FUNCTION

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FAILED LAMP	GREEN FLASH
FAILED TRANSFER	ORANGE FLASH
FAILED CHARGER	RED FLASH SLOW

Contact Signtex for layout assistance.
Code compliant emergency lighting layouts provided!
Specifications and dimensions subject to change without notice.

DISTRIBUTOR