The Brightest Idea is Emergency Lighting with LEDs

GENERAL 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.

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.
- Three versions are available:
  RE= Central Battery System Series CBS or other qualified source 12V-24 VDC.
  BB= Battery Backup
  AC= 120/277 VAC supply

ELECTRONICS
- 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 all 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

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

FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CATALOG NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPROVAL</td>
<td>JOB INFORMATION</td>
</tr>
</tbody>
</table>
**SUGGESTED SPECIFICATIONS:**

Install MOONLITE™ Series MAE architectural emergency lighting fixture manufactured by Signtex Lighting, Inc. The MAE 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.

**LIGHTING Specifications and Dimensions subject to change without notice.**

**MOUNTING DATA & DIMENSIONS:**

**STANDARD**

- **120/277 VAC SUPPLY**
- **GASKET**
- **1 1/2" EXTENSION RING (BB ONLY)**

**WALL MOUNT**

- **2 1/4"**

**CEILING MOUNT**

- **1 1/2"**

**RECESSED J-BOX MOUNT**

**MOUNT**

**POWER RATING**

10 Watts Emergency & Normal On Power
20 Watts Emergency & Normal on power

**HOUSING COLOR**

W= Satin White
A= Aluminum
X'=Custom
B= Dark Bronze

**ORDERING INFORMATION: EXAMPLE: MAEBB10WW-DG**

- **MAE**
- **BB**
- **10**
- **W**
- **-DG**

**MODEL SERIES**

- **MAE**

**OPERATION**

- **RE= Remote with Central Battery System**
- **BB= Battery Backup**
- **AC= AC Supply 120/277V**

**POWER RATING**

- **10= 10 Watts Emergency & Normal On Power**
- **20= 20 Watts Emergency & Normal on power**

**HOUSING COLOR**

- **W**

**MOUNT**

- **T= Top**
- **W= Wall**

**OPTIONS**

- **DG= Battery Diagnostics**
- **SB120= Security Lighting with Control Switch for Standard BB Operation (120V)**
- **SD277= Security Lighting with Control Switch for Standard BB Operation (277V)**
- **SD= Security Lighting with Control Switch for BB operation with DG Option (120/277V)**

**CONTACT SIGNTEX FOR LAYOUT ASSISTANCE**

Code Compliant Emergency lighting layouts provided free of charge!

**SECURITY LIGHTING CONTROL**

**RE Models:** Requires SEC Option ‘S’ with CBL
**BB Models:** Requires Option ‘-SB120’ for connection to 120 VAC
**BB-DG Models:** Requires Option ‘-SD’ for connection to 120/277 VAC

**SELF- TEST DIAGNOSTIC FUNCTIONS BB MODELS WITH DG FUNCTION**

<table>
<thead>
<tr>
<th>STATUS</th>
<th>LED DISPLAY</th>
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</thead>
<tbody>
<tr>
<td>NORMAL FULL CHARGE</td>
<td>GREEN ON</td>
</tr>
<tr>
<td>NORMAL FAST CHARGE</td>
<td>ORANGE ON</td>
</tr>
<tr>
<td>FAILED BATTERY</td>
<td>RED FLASH FAST</td>
</tr>
<tr>
<td>FAILED LAMP</td>
<td>GREEN FLASH</td>
</tr>
<tr>
<td>FAILED TRANSFER</td>
<td>ORANGE FLASH</td>
</tr>
<tr>
<td>FAILED CHARGER</td>
<td>RED FLASH SLOW</td>
</tr>
</tbody>
</table>

**EM Watts**

- **10**

**SEC Power- Watts**

- **10**

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

**DISTRIBUTOR:**

Specifications and Dimensions subject to change without notice.