

# Moonlite™

## Emergency & Security Light

# LED Outdoor Egress Exterior Post Mount Series MOP

MOP.04.09.4

# The brightest idea is Emergency Lighting with LEDs

### GENERAL DESCRIPTION

This bollard system is a simple and architecturally attractive solution for emergency illumination of exterior paths of egress, meeting the NFPA requirement for illumination of the path from the building exit to the "Public Way". In addition, the system provides continuous night lighting at low energy levels. Bollards are available in heights from 24" to 96" and custom sizes are readily available.

### CONSTRUCTION

- Compact die cast aluminum housing with molded polycarbonate lens mounted on extruded aluminum post with welded base. Standard finish white or bronze satin urethane paint; custom colors are available.
- Universal J- Box mounting pattern.
- Contoured prismatic lens generates a uniform lighting pattern over required path of egress.
- Three versions available:
  - BB= Unit equipment with self-contained battery
  - RE= Remote for connection to Central Battery System
  - AC= For connection to AC 120/277 emergency supply.

### ENERGY EFFICIENT OPERATION

- Dual function operation for night or security lighting as well as emergency lighting.
- Very low power consumption in night/ security mode. This unit offers tremendous energy savings when compared to any fluorescent or incandescent lighting systems during night operations.
- Over 50,000 hour lamp life in normal use.
- IES photometric data available for all models.



### 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.

### 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.



### FIXTURE SCHEDULE

MODEL	CATALOG NO
APPROVAL	JOB INFORMATION



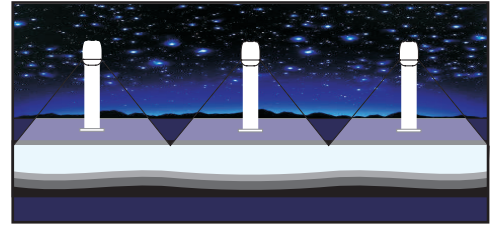
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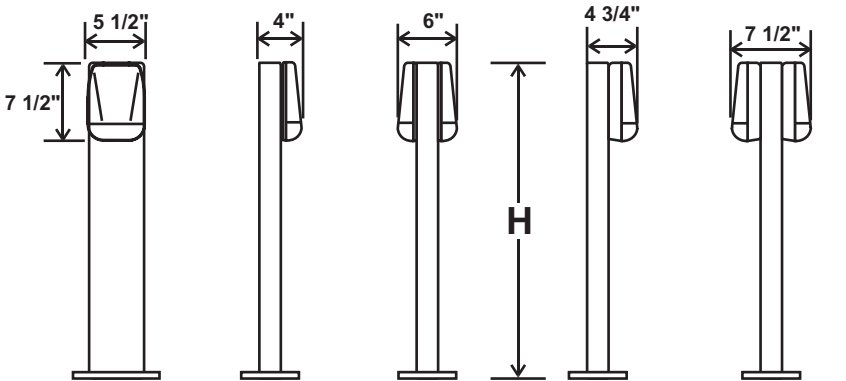
## SUGGESTED SPECIFICATIONS:

Install MOONLITE™ Series MOE Exterior Post Mount LED emergency lighting fixture manufactured by Sigtex Inc., available as unit equipment or as a remote device 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 NFPALSC 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, as specified and shall perform all test functions specified by UL 924 and NFPA 101. Suitable for Wet Locations, with ambient temperature ranges specified below.



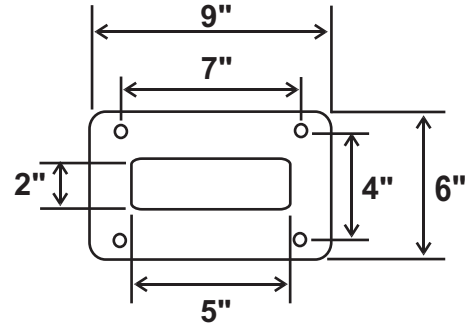
NOTE: CONTACT FACTORY FOR COMPLETE IES PHOTOMETRIC DATA.

## MOUNTING DATA & DIMENSIONS:



**SINGLE FACE DOUBLE FACE SINGLE FACE DOUBLE FACE**  
**REMOTE HEAD 24V SUPPLY**      **120/277 VAC SUPPLY INTERNAL BATTERY**

## BASE PLATE & POST



## SECURITY/NIGHT LIGHTING POWER RATING (SPR)

The Catalog Number for MOONLITE LED fixtures specifies the number of lamps used:  
**L2 = Two LED lamps per fixture**  
**L3 = Three LED lamps per fixture**  
 For the total SPR per fixture, multiply the number of lamps by the power ratings below:

**STANDARD: 2 WATTS PER LED**  
**CUSTOM: 5 WATTS MAX PER LED\***

\* Varies by Model. Contact factory for information.

## SUITABLE FOR WET LOCATIONS

### AMBIENT TEMPERATURE LIMITS:

"BB" models with "LT" option: -40° C to +30° C\*\*

Standard "BB" models: -20° C to +30° C

Remote models: -40° C to +40° \*\*

\*\*NOTE Security Lighting is REQUIRED for operations at -40°C

## ORDERING INFORMATION: EXAMPLE: MOPRE3615L3W-PH

MOP	RE	36	15L3	W	PH
MODEL SERIES	OPERATION	HEIGHT H	EMERGENCY POWER RATING	TRIM COLOR	OPTIONS
MOP	BB= Battery Backup RE= Remote with Central Battery System AC= AC Supply 120/277V	24= 24" 36= 36" 96= 96"	10L2 = 10 Watts / 2 lamp 15L3 = 15 Watts / 3 Lamp 8L2 = 8 Watts AC 12L3 = 12 Watts AC	W=White B= Bronze 'X'=Custom	DG= Battery Diagnostics PH=Photocell Lighting Control (Available for RE & BB-DG models) LT= Low Temp -40°C in BB Models SW*= Security Lighting with Self-Contained Battery

\*Models with battery backup and the SW option may operate in low power 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 automatic means.



**Sigtex Inc**  
LIGHTING

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DISTRIBUTOR:

Specifications and Dimensions subject to change without notice.