

The Brightest Idea is Emergency Lighting with LEDs

GENERAL DESCRIPTION

A low profile and powerful LED recessed fixture for Mounting up to 4 ft from floor level. Dual function operation in either emergency or optional normal mode, powered from the Sigtex central battery system at 24VDC.



CONSTRUCTION

- Faceplate from solid machined aluminum, available with brushed finish or a variety of satin enamel paint colors.
- Steel housing with bracket mount locations and multiple knockouts for wiring connection.
- Composite outdoor rated gasket seal for wet location operations.
- UV stabilized polycarbonate or acrylic diffuser window 1/8" thick delivers wide beam output.
- Modular faceplate and lamp housing removes to allow easy access for service.

ENERGY EFFICIENT OPERATION

- Operates with Central Battery System including low voltage normal lighting operation. See CBS data sheet.
- Dual function operation for optional night or security lighting as well as emergency lighting.
- Very low power consumption compared to any fluorescent or incandescent lighting systems.
- Over 50,000 hour lamp life in normal use.

ELECTRONICS

- 10 watts total system power.
- Standard minimum operating temperature -40 °C.
- LED color temperature standard 5300K; available color temperatures from 2900K, 3200K, to 3800K.
- An advanced LED driver module is incorporated in the fixture, allowing dual operation from either a battery or normally on power source.
- 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.

FIXTURE SCHEDULE

MODEL	CATALOG NO
APPROVAL	JOB INFORMATION



Moonlite LED®

LED Outdoor Egress Emergency with Night Lighting Option

Dual Function Emergency & Security Light Series MFP

SUGGESTED SPECIFICATIONS:

Install MOONLITE™ Series MFP Floor Proximity LED emergency lighting fixture manufactured by Sigtex Inc., available as a remote device connected to a central battery power source. See Central Battery System (CBS) data sheet. Upon loss of AC building power, emergency models shall operate for a minimum of 90 minutes under battery power, in compliance with UL 924 and NFPA LSC Code 101. The unit may be specified to operate normally on for security or night lighting, as required.

SPACING GUIDE

MFP:11.24.09

Model	Mtg. Ht.	Average Illuminance 1 Fc	
		SPACING ON CENTER	
		Path of Egress Width	
		6 Ft.	
Standard	1 1/2'	20'	
Louvered Face	1 1/2'	15'	

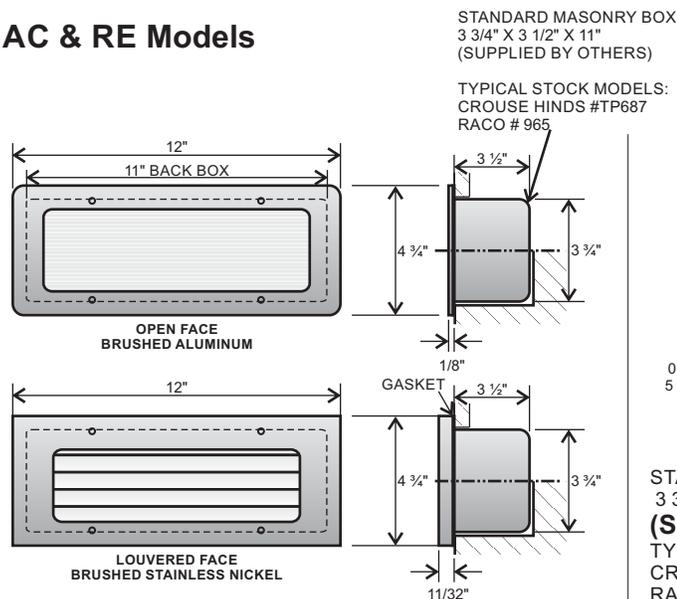
NOTE: TESTED IN ACCORDANCE WITH IES STANDARD LM-79-08 FOR SOLID STATE LIGHTING PRODUCTS. FOR REFERENCE ONLY. STANDARD REFLECTANCES 80/50/20. SIGTEX IS NOT RESPONSIBLE FOR SPECIFIC CONDITIONS THAT MAY ALTER THE RESULTS. COMPLETE IES PHOTOMETRIC DATA AVAILABLE AT WWW.SIGTEXINC.COM FOR YOUR CONVENIENCE.

CONTACT SIGTEX FOR LAYOUT ASSISTANCE

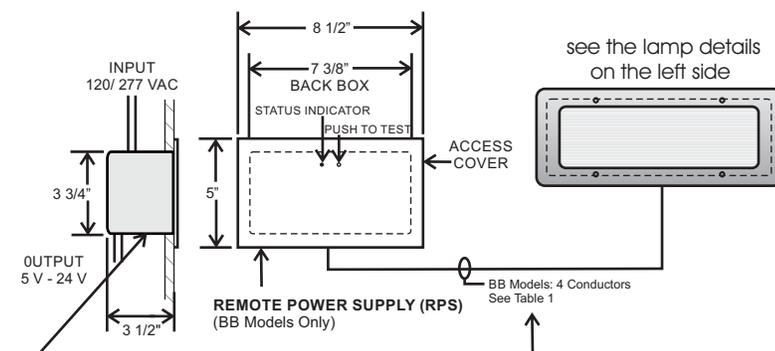
Code Compliant Emergency lighting layouts provided free of charge!

MOUNTING DATA & DIMENSIONS:

AC & RE Models



Battery Backup(BB) Models Remote Power supply(RPS)



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

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

RPS SELF- TEST DIAGNOSTIC FUNCTIONS
BB MODELS WITH DG FUNCTION

TABLE 1
MAXIMUM WIRING LENGTH FROM RPS TO FIXTURE

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

SECURITY LIGHTING CONTROL

RE Models: Requires SEC Option 'S' with CBL
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

ORDERING INFORMATION:EXAMPLE: MFPRE10W-LV

MFP	RE	10	W	LV
MODEL SERIES	OPERATION	EMERGENCY/ SECURITY POWER RATING	FACE PLATE	OPTION
MFP	BB= Battery Backup RE= Remote with Central Battery System AC= AC Supply 120/277V	10 = 10 Watts	A= Aluminum K= Black W= Satin White X= Custom	DG= Self- Test Diagnostics (BB Models Only) LV= Louvered Face 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) CW1= Custom Window Filter- 3800K CW2=Custom Window Filter- 3200K CW3=Custom Window Filter- 2900K DAC= Dual AC Input

Emergency Power Rating (EPR): 10 WATTS
Security Power Rating (SPR): 7 WATTS



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LIGHTING

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*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.

Specifications and Dimensions subject to change without notice.