

**Job Name:****Type:****Part #:****Notes:****SEEELD****Recessed LED Down Light Series MLD****GENERAL DESCRIPTION**

With spacing up to 55 ft in 9 ft ceilings, this recessed down light with a 4" trim is our most efficient emergency luminaire; very effective in long corridors, it is inconspicuous and will blend with general lighting fixtures without affecting the appearance of ceiling layouts.

**CONSTRUCTION**

4" Trim ring installation with standard can and back plate.

Three versions available:

BB=Unit equipment with self-contained battery

AC=Remote for connection to AC 120/277 emergency 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.

**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.

**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.

**ORDERING INFORMATION:**

MODEL	OPERATION	WATTS	TRIM COLOR	OPTIONS
SEEELD				
SEEELD	BB= Battery Backup AC= AC Supply 120/277V	<b>BB Models</b> 7 = 7 Watts 10 = 10 Watts  <b>AC Models</b> 4 = 4 Watts 7 = 7 Watts	W=White  'X'=Custom	DG= Battery Diagnostics (BB Models Only) DP= Damp Location 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) HPS= High Power SEC Mode (RE Models Only) IC= Insulation Contact Rated

**Job Name:**

**Type:**

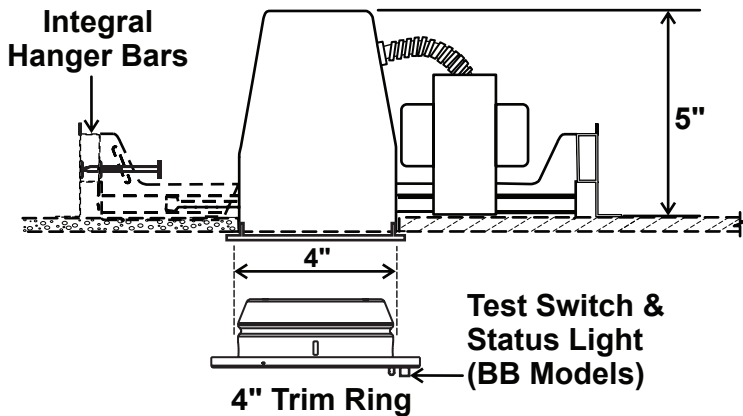
**Part #:**

**Notes:**

## SUGGESTED SPECIFICATIONS:

Install MOONLITE® Series MLD Recessed LED downlight emergency lighting fixture manufactured by Signtex Inc., available as unit equipment or as a remote device connected to a central battery power source. 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 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.

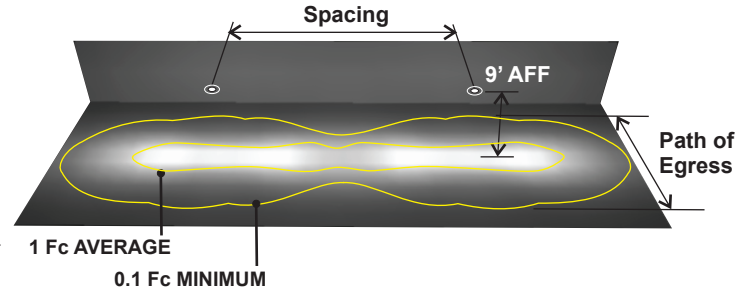
## MOUNTING DATA & DIMENSIONS:



## SECURITY LIGHTING CONTROL

**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



## SPACING GUIDE

Average Illuminance 1 Fc

Model	Mtg. Ht.	SPACING		
		Path of Egress Width		
		3 Ft.	6 Ft.	10 Ft.
7 W	9'	50'	40'	25'
10 W	9'	55'	50'	40'

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

## CONTACT SIGNTEX FOR LAYOUT ASSISTANCE

Code Compliant Emergency lighting layouts provided free of charge!

## POWER RATING

MODEL	OPERATION	WATTS	
BB	Emergency	7	10
	SEC/ Normal On	4	5
AC	Line Voltage	4	7

## 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 FLASFAST
FAILED LAMP	GREEN FLASH
FAILED TRANSFER	ORANGE FLASH
FAILED CHARGER	RED FLASHLOW