Moonlite LED[™] For Lighting Retrofit Emergency with Night Lighting Option

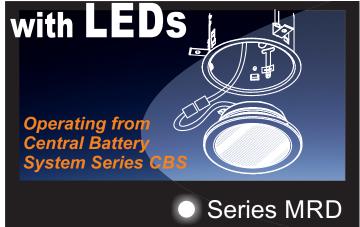
Recessed LED Down Light Series MRD

MRD.03.22.10

The **Brightest Idea** is Emergency Lighting with LEDS

GENERAL DESCRIPTION

With spacing up to 55 ft in 9 ft ceilings, this recessed down light for lighting retrofit has only a 4" trim, and 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

RE=Remote for connection to 24 VDC Central Battery System

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.

FIXTURE SCHEDULE

MODEL	CATALOG NO
APPROVAL	JOB INFORMATION

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

• 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.





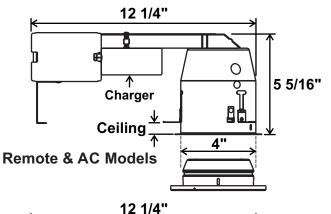
Moonlite LED™ Emergency & Security Light For Lighting Retrofit

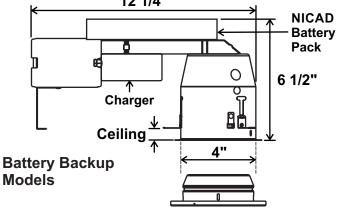
Recessed LED Down Light Series MRD

SUGGESTED SPECIFICATIONS:

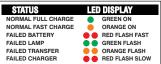
Install MOONLITE[™] Series MRD Recessed LED downlight emergency lighting fixture manufactured by Signtex Inc., available as unit equipment or as a remote device connected to a Central Battery power source. Upon loss of AC building power, emergency models shall operate for a minimum of 90 minutes in compliance with UL 924 and NFPALSC Code 101. The unit may be specified to operate continuously for security or night lighting, as required.

MOUNTING DATA & DIMENSIONS:





SELF- TEST DIAGNOSTIC FUNCTIONS BB MODELS WITH DG OPTION



MRD.03.22.10 Spacing 9' AFF Path of Egress

1 Fc AVERAGE 0.1 Fc MINIMUM

SPACING GUIDE

Average Illuminance 1 Fc

			SPACING	
Model	Mtg. Ht.	Path of Egress Width		
WOUEI	witg. In.	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

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

CONTACT SIGNTEX FOR LAYOUT ASSISTANCE Code Compliant Emergency lighting layouts provided free of charge!

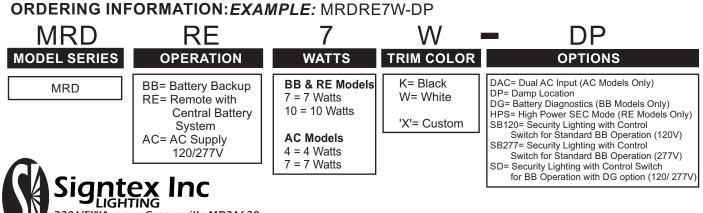
POWER RATING

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

SECURITY LIGHTING CONTROL

RE Models:	Requires SEC Option 'S' with CBL
<u>BB Models</u> :	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



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Specifications and Dimensions subject to change without notice.