



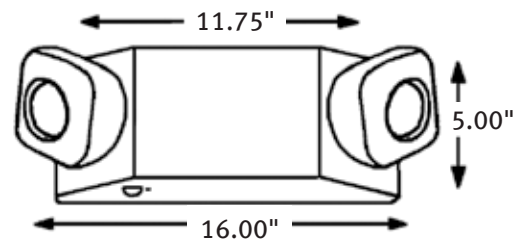
# Radius Series - MRD



PROJECT: \_\_\_\_\_  
 FIXTURE TYPE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 CONTACT/PHONE: \_\_\_\_\_

## MRD13/MRD22 Thermoplastic Emergency Light

Radius Series Thermoplastic Adjustable Emergency Lights offer quick installation and premium options such as High Output and Self-Diagnostic versions in an economical package. The designer MR16 heads provide a fresh and low profile aesthetic.



### PRODUCT SPECIFICATIONS

#### CONSTRUCTION

Injection molded, engineering-grade, UV-stable thermoplastic - UL940-0 flame rating  
 - Impact, scratch, fade and corrosion-resistant - Snap-fit housing and mounting plate  
 - Universal mounting plate with quick-connect feature reduces installation labor  
 - White or black textured finish.

#### ELECTRICAL

Dual voltage 120/277VAC - Solid state charging and switching - Brownout protection  
 - Battery low voltage disconnect - Overload and short circuit protection - AC power indicator and test switch.

#### LAMPS

Supplied with 6V, 5W AH MR16 halogen bi-pin lamps.

#### BATTERY

Maintenance-free 6V sealed lead calcium battery – Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage – High Output version will operate a total of 22 Watts for a minimum of 90 minutes.

#### CODE COMPLIANCE

UL listed – NFPA 101 life Safety Code compliant – NEC and OSHA compliant.

#### WARRANTY

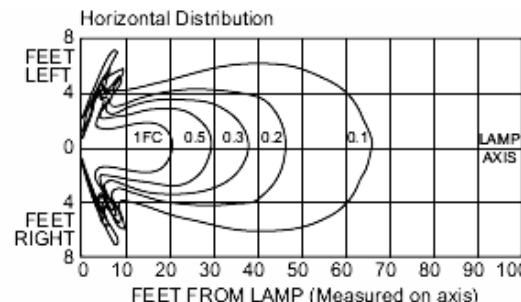
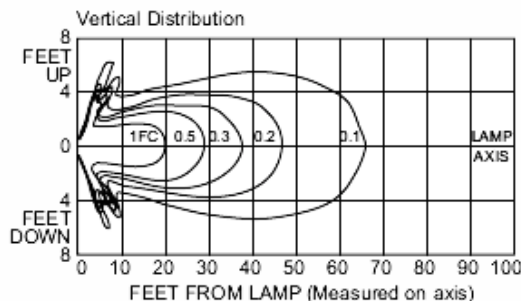
5-year warranty (see battery data for battery warranty). Product specifications subject to change without notice.

#### MOUNTING

Suitable for wall or ceiling mounting—Mounting plate includes universal mounting pattern for simple mounting over J-box.

### PHOTOMETRICS

6V, 5W Halogen MR16 Head (Replacement Lamp MR-6V5W)



### ENGINEERING DATA

MODEL	INPUT VOLTS	MAX AMPS	MAX WATTS	OUTPUT VOLTS	WATT OUTPUT		
					1.5hrs	2hrs	4hrs
MRD-11	120	.04	3.4	6	11	08	3
	277	.02	4.2	6	11	08	3
MRD-22	120	.04	3.4	6	22	17	9
	227	.02	4.2	6	22	17	9

### BATTERY DATA

	BATTERY VOLTAGE	SHELF LIFE <sup>1</sup>	EXPECTED LIFE	TEMPERATURE RANGE <sup>2</sup>
Lead Calcium (std.)	6V, 4.5 Ah	6 months	5-8 years	40o F-95oF
Lead Calcium (HO)	6V, 7.0Ah	6 months	5-8 years	40o F-95oF

<sup>1</sup>At 77oF      <sup>2</sup>To obtain rated life capacity.

Lead Calcium battery warranted for one full year with additional 4 years pro-rated warranty. Recharges in 24 hours or less

### ORDERING INFORMATION

MODEL	WATTS	OPTIONS
MRD	11	SD = Self-Diagnostics
	22	NC = NiCad Battery
		BL = Black Housing

Ordering Example: MRD-22-WG6

### ACCESSORIES-(NOTE ADD SUFFIX TO MODEL OR ORDER SEPARATELY)

MODEL NUMBER	DESCRIPTION	MODEL NUMBER	DESCRIPTION
NC	Nickel Cadmium Battery	MR-1	Single Remote Head with Plate
WG	Wire Guard	MR-2	Double Remote Head with Plate
		VRS3	Vandal Resistant Shield