

NMRL Series

Low Voltage Recessed Multiple Lighting Systems

Source: 20W-50W 12V MR16
50W-75W 12V AR111

NORALIGHTING.

Type _____

Project _____

Catalog No. _____

Lamp/Wattage _____

PRODUCT DESCRIPTION

Multi-lamp functionality and architectural aesthetics define Nora Lighting's recessed low voltage Multiple Lighting System. The recessed family of fixtures are available in one to five lamp fixtures in linear, "L" Shaped, and square configurations to compliment most applications. The fixture fascia is slightly recessed above the ceiling line, creating a stylish coffered ceiling design. A variety of fully adjustable trims are offered for independent aiming of each lamp.

CONSTRUCTION

Housing

0.35" galvanized steel with louver-type ventilation openings for proper heat dissipation. Contains six 3/4" knockouts for electrical entry to the wiring compartment are available. A 0.35" thick steel cover secured by wing nuts encloses all lamp connections inside the housing.

Installation

Universal brackets accept 25" C-Channel Bar Hangers (NRA-38), 27" flat bar hangers (NRA-28), 24-1/2" bar hangers with captive nails (NRA-60), or simple rigid 1/2" steel conduit for tie-down to ceilings grids.

Minimum Clearance

Requires a minimum clearance of 3" from thermal insulation and 1/2" from any adjacent building components.

Socket(s)

Low voltage bi-pin socket with heat shield. Each socket is individually wired for independent switching or dimming.

Thermal Protector

Standard UL thermal protection provided to guard against overheating and misuse of insulation over and around fixture. Vent holes in housing allow greater airflow.

Lamp(s)

20W-50W 12V MR16 - lamp and wattage varies with trim (ordered separately)
50W-75W 12V AR111 - lamp and wattage varies with trim (ordered separately)

CONFIGURATION

Available from one lamp to six lamps in a linear configuration, two to three "L" shaped configuration, or four lamp square configuration.

TRIM (ORDERED SEPARATELY)

Rigid 0.05" steel plate is shaped into a solid splay design to conceal all electrical and mechanical components and provide a sleek appearance to the ceiling. Evenly spaced apertures accept a variety of trims. Pre-installed torsion springs secure the trims.

Custom Combination

Custom combination of trims are available. Example: 2 slots and 3 eyeballs in a 5 light unit. Consult factory.

Optional Accessories

NRA-28: 27" Flat Bar Hangers

NRA-38: 25" C-Channel Bar Hangers

NRA-60: 24-1/2" Bar Hangers

Labels and Listings

cULus Listed for Lamp Location



DIMENSIONS

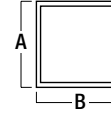
CONFIGURATION

1 Row / 1 Lamp

A: Width: 10-3/8" (Electronic)
12-3/8" (Magnetic)

B: Length: 10-1/2"

C: Height: 8"



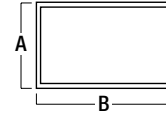
CONFIGURATION

1 Row / 2 Lamps

A: Width: 10-3/8" (Electronic)
12-3/8" (Magnetic)

B: Length: 19"

C: Height: 8"



CONFIGURATION

1 Row / 3 Lamps

A: Width: 10-3/8" (Electronic)
12-3/8" (Magnetic)

B: Length: 24-1/2"

C: Height: 8"



CONFIGURATION

1 Row / 4 Lamps

A: Width: 10-3/8" (Electronic)
12-3/8" (Magnetic)

B: Length: 30-1/2"

C: Height: 8"



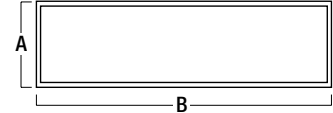
CONFIGURATION

1 Row / 5 Lamps

A: Width: 10-3/8" (Electronic)
12-3/8" (Magnetic)

B: Length: 36"

C: Height: 8"



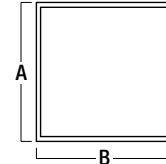
CONFIGURATION

Square / 4 Lamps

A: Width: 21-1/4" (Electronic)
25-1/4" (Magnetic)

B: Length: 20-1/2"

C: Height: 8"



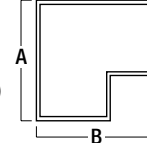
CONFIGURATION

"L" Shape / 2 Lamps

A: Width: 15-7/8" (Electronic)
17-7/8" (Magnetic)

B: Length: 15-7/8" (Electronic)
17-7/8" (Magnetic)

C: Height: 8"



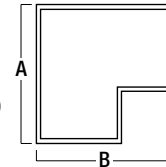
CONFIGURATION

"L" Shape / 3 Lamps

A: Width: 20-5/8" (Electronic)
22-5/8" (Magnetic)

B: Length: 20-5/8" (Electronic)
22-5/8" (Magnetic)

C: Height: 8"



Create a complete MLS housing catalog number: Example: NMRL-24E1650

Housing - select one from each column

* AR111 only accepts an electronic transformer

Series	Light Source	# of Rows	# of Lamps	Transformer	Voltage	Lamp Type	Wattage
NMR	L = Low Voltage	1 = 1 Row (1 to 5 Lamps only)	1 = 1 Lamp	E = Electronic	1 = 120V	1 = AR111*	50 = 50W (MR16)
		2 = Square (4 Lamps only)	2 = 2 Lamps	M = Magnetic	2 = 277V	6 = MR16	75 = 75W (AR111*)
		L = "L" Shape (2 or 3 Lamps only)	3 = 3 Lamps				
			4 = 4 Lamps				
			5 = 5 Lamps				

NORALIGHTING.

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