

# NLR-403S

## 4" Shallow Low Voltage Remodel Housing

Source: 20W-50W 12V MR16

### PRODUCT DESCRIPTION

Shallow remodel four inch housing for installation into existing sheet rock ceilings where access is only available from below the ceiling. For use in non-insulated ceilings, where insulation can be kept 3" from fixtures. Rated for use with a low voltage MR16 lamp.

### CONSTRUCTION

#### Housing

0.050 white baked enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from 1/2" to 7/8". Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with j-box and ballast. Integral springs brackets provided.

#### Clearance

Non-IC housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

#### Socket

Low voltage bi-pin socket with heat shield.

#### Mounting

Four high tension tempered steel springs secure remodel housing to ceiling. (Hole cutout template provided for convenience).

#### Junction Box

Prewired 15 cubic inch 0.060" thick galvanized steel, with six 1/2" knockouts, four Romex® pryouts, and snap on cover. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

#### Lamp

20W-50W 12V MR16 (ordered separately)

### TRANSFORMER

#### Magnetic

Thermally protected, single tap input voltage available in 120V 60Hz, Class H, 20 Watts minimum to 50 Watts maximum load.

#### Electronic

Thermally protected, single tap input voltage available in 120V 60Hz with short circuit protection. 20 Watts minimum to 50 Watts maximum load.

Operating Ambient Temperature: 122°F (50°C) Max.

Power Factor: >0.95

### DIMMING

Use magnetic low voltage dimming control with magnetic transformer or electronic low voltage dimming control with electronic transformer.

### Optional Accessories

**NRA-36:** Replacement socket with heat shield

**NET-EMIFILTER:** EMI Filter

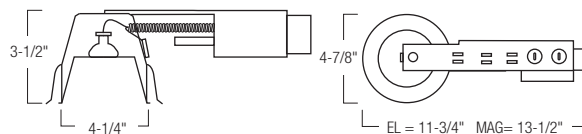
### Labels and Listings

cULus Listed for Damp Location w/ Feed Through

cULus Wet Listed (Only with designated trims)



### DIMENSIONS



Cut-out: 4-1/4"

ID: 4"

Housing Length: 11-3/4" (Electronic)

13-1/2" (Magnetic)

Housing Width: 4-7/8"

Housing Height: 3-1/2"

### Optional Accessory

Item No.	Description
<b>NRA-36</b>	Replacement socket with heat shield
<b>NET-EMIFILTER</b>	EMI Filter

### Housings

<b>NLR-403S/20</b>	4" Shallow Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, Rated for 20W
<b>NLR-403S/37</b>	4" Shallow Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, Rated for 37W
<b>NLR-403S</b>	4" Shallow Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, Rated for 50W
<b>NLR-403S/1EL</b>	4" Shallow Low Voltage Remodel Housing, 120V/12V Electronic Transformer, Rated for 3-50W (FOR FCC CLASS B COMPLIANCE, USE WITH EMI FILTER)