

# NLR-604

## 6" Non-IC Low Voltage Remodel Housing

Source: 50W or 75W max.

12V MR16 (lamp not included)

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

6" Low voltage housings provide crisp, defined MR16 halogen illumination for any application. Reduced wattage housings are useful in meeting watts per square foot requirements. A wide variety of attractive adjustable trims allow for fine-tuned aiming of directional light sources.

### CONSTRUCTION

**Housing:** 0.050" enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from  $\frac{5}{8}$ " to  $1\text{-}\frac{3}{8}$ ". Housing terminates at a  $\frac{1}{4}$ " 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 transformer. Integral springs brackets provided.

**Minimum Clearance:** Non-IC housings require a minimum clearance of 3" from thermal insulation and  $\frac{1}{2}$ " from adjacent building components.

**Mounting:** Four high tension tempered steel springs secure remodel housing to ceiling.

**Junction Box:** Prewired 15 cubic inch 0.060" thick galvanized steel, with six  $\frac{1}{2}$ " 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. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

### Transformer:

Electronic: Thermally protected, single tap input voltage available in 12V 60Hz with short circuit protection. Approved for use with LED lamps.

Magnetic: Thermally protected, single tap input voltage available in 12V 60Hz. Class H.

### ELECTRICAL

**Input Voltage:** 120V

**Output Voltage:** 12V

**Socket:** Bi-Pin GU5.3 socket with heat shield

**Wattage:** 50W or 75W max (must specify)

**Lamp:** MR16 (not included) Note: LED lamps are compatible with NLR-604/1EL

**Dimming:** Electronic or Magnetic (must specify)

### COMPATIBLE TRIMS

**NL-610W** = Adjustable Baffle, White

**NL-665W** = Surface Round Spot, White

**NL-680W** = Adjustable Elbow, White

### OPTIONAL ACCESSORIES

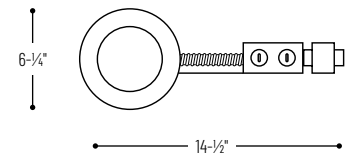
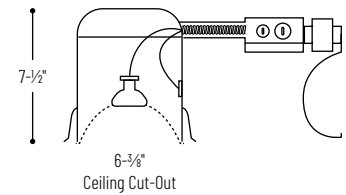
**NRA-36N** = Replacement socket with heat shield

### LABELS AND LISTINGS

cULus Listed for Damp Locations w/ Feed Through (Wet Locations when used with designated trims)



### PRODUCT IMAGES & DIMENSIONS



## 6" Non-IC Air-Tight Low Voltage Remodel Housing

Catalog No.

**NLR-604/1EL** = 6" Non-IC Low Voltage New Construction Housing, 120V Electronic, 3W-50W (Compatible with LED lamps)

**NLR-604/750** = 6" Non-IC Low Voltage New Construction Housing, 120V Magnetic, 75W

## Optional Accessories

Catalog No.

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

Example: **NLR-604/1EL** = 6" Non-IC Low Voltage New Construction Housing, 120V Electronic, 3W-50W (Compatible with LED lamps)