

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 or 277V (must specify)

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-610 = Adjustable Baffle, White

NL-645 = Adjustable Slot Aperture

NL-665 = Surface Round Spot

NL-680 = Adjustable Elbow

OPTIONAL ACCESSORIES

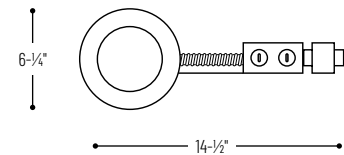
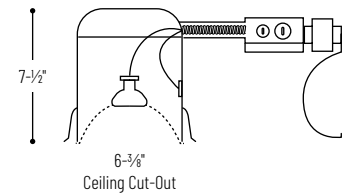
NRA-36N = Replacement socket with heat shield

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

NLR-604/75/2EL = 6" Non-IC Low Voltage New Construction Housing, 277V Electronic, 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)