

NLR-604

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

Source: 50W AR111/PAR36 max.

75W MR16 max.

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. Housings are available with magnetic or electronic transformers. 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 5/8" to 1-3/8". 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 transformer. Integral springs brackets provided.

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

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

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 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).

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: AR111 or MR16 (not included)

Note: LED lamps are compatible with NL-601/1EL

Transformer: Electronic or Magnetic (must specify)

COMPATIBLE TRIMS

NL-610 - Adjustable Baffle, White

NL-611 - Adjustable Baffle, Black

NL-613 - Adjustable Reflector, Black

NL-614 - Adjustable Reflector, Clear

NL-618 - Adjustable Eyeball with Baffle

NL-641 - Designer Baffle

NL-644 - Designer Reflector, Haze

NL-645 - Adjustable Slot Aperture

NL-646 - Designer Reflector, White

NL-663 - Gimbal with Baffle

NL-665 - Surface Round Spot

NL-670 - Adjustable Spot Cylinder

NL-671 - Surface Gimbal

NL-680 - Adjustable Elbow

OPTIONAL ACCESSORIES

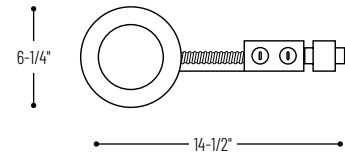
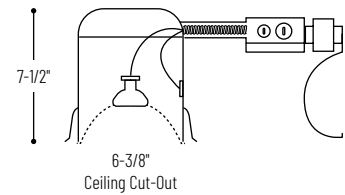
NRA-36 - Replacement socket with heat shield

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with designated trims)
- Meets or exceeds ASTM-283 Air-Tight Requirements



PRODUCT IMAGES & DIMENSIONS



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

Catalog No.

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

NLR-604/2EL = 6" Non-IC Air-Tight Low Voltage New Construction Housing, 277V Electronic, 50W

NLR-604/75/1EL = 6" Non-IC Air-Tight Low Voltage New Construction Housing, 120V Electronic, 75W

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

NLR-6040 = 6" Non-IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W

NLR-604/750 = 6" Non-IC Air-Tight 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 Air-Tight Low Voltage New Construction Housing, 120V Electronic, 3W-50W (Compatible with LED lamps)