

NLR-304

TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing

Source: 50W MR16 max.

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

3" Low Voltage housings are a true three inches! Reduced wattage housings are useful in meeting watts per square foot requirements. Housings are available with magnetic or electronic transformers.

CONSTRUCTION

Housing: 0.050 white baked enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from $\frac{3}{8}$ " to $\frac{5}{8}$ ". 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.

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 $\frac{1}{2}$ " 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 max.

(Can be labeled for lower wattages - Consult Factory)

Lamp: MR16 (not included)

Transformer: Electronic or Magnetic (must specify)

COMPATIBLE TRIMS

- [NL-3310](#) Round Adjustable Baffle
- [NL-3312](#) Round Adjustable Reflector
- [NL-3318](#) Round Eyeball with Baffle
- [NL-3325](#) Round Frosted Dome Lens (Wet Listed)
- [NL-3326](#) Round Flat Lens (Wet Listed)
- [NL-3345](#) Round Adjustable Slot Aperture
- [NL-3348](#) Round Wall Wash with Baffle
- [NL-3365](#) Round Adjustable Gimbal
- [NL-3410](#) Square with Round Baffle
- [NL-3412](#) Square with Round Reflector

OPTIONAL ACCESSORIES

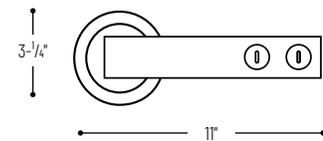
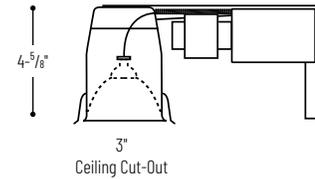
[NRA-36](#): Replacement socket with heat shield

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



TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing

Catalog No.

NLR-304QAT = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, 50W max.

NLR-304QAT/XX = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, labeled at lower wattage (**Consult Factory**)

NLR-304AT/TEL = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Electronic, 3W-50W

NLR-304AT/TEL/XX = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Electronic, labeled at lower wattage (**Consult Factory**)

Optional Accessories

Catalog No.

NRA-36 = Replacement socket with heat shield

Example: **NLR-304QAT** = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, 50W max.