

# 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 3/8" to 5/8". 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 max.

(Can be labeled for lower wattages - Consult Factory)

**Lamp:** MR16 (not included)

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

## COMPATIBLE TRIMS

CATALOG NO.	DESCRIPTION
NL-3310	Round Adjustable Baffle
NL-3312	Round Adjustable Reflector
NL-3320	Round Metal Trim with 1" Pinhole
NL-3345	Round Adjustable Slot Aperture
NL-3365	Round Adjustable Gimbal
NL-3318	Round Eyeball with Baffle
NL-3348	Round Wall Wash with Baffle
NL-3325 <sup>WET</sup>	Round Frosted Dome Lens (Wet Listed)
NL-3326 <sup>WET</sup>	Round Flat Lens (Wet Listed)
NL-3410	Square with Round Baffle
NL-3412	Square with Round Reflector
NL-3420	Square Pinhole

## OPTIONAL ACCESSORIES

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

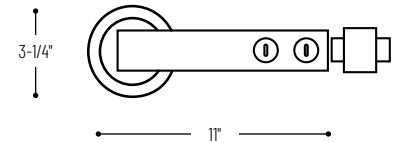
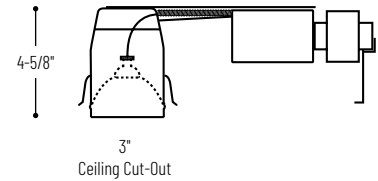
**NET-EMIFILTER** -EMI Filter

## LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through
- <sup>WET</sup> 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-304AT/IEL** = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Electronic, 3W-50W (use with EMI filter for FCC Class B compliance)

## Optional Accessories

Catalog No.

**NRA-36** = Replacement socket with heat shield  
**NET-EMIFILTER** = EMI Filter

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