

NL-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.

Lamp: MR16 (not included)

Transformer: Electronic or Magnetic (must specify)

COMPATIBLE TRIMS

CATALOG NO.	DESCRIPTION
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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-3366	Round Front Load Gimbal
NL-3318	Round Eyeball with Baffle
NL-3348	Round Wall Wash with Baffle
NL-3325	Round Frosted Dome Lens (Wet Listed)
NL-3326	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

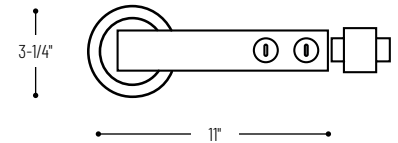
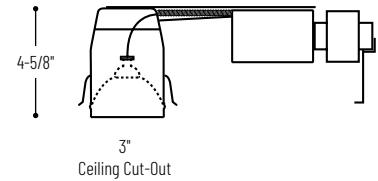
NET-EMIFILTER -EMI Filter

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through
(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-3040AT = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, 50W max.
NLR-3040AT/20 = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, Labeled 20W max.
NLR-3040AT/37 = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, Labeled 37W 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-3040AT** = TRUE 3" Non-IC Air-Tight Low Voltage Remodel Housing, 120V Magnetic, 50W max.