

NL-301

TRUE 3" Non-IC Air-Tight Low Voltage New Construction 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

Plastic Frame: .025 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Shipping screw installed to provide extra security for transformer during shipment - remove before installation.

Housing: .050 white baked enamel one-piece drawn steel housing.

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.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Hanger bars have T-Bar slot and alignment feet. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allows easy installation in a suspended ceiling.

Junction Box: Prewired 14 cubic inch 0.060" thick galvanized steel, with four 7/8" 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

- NL-3310Round Adjustable Baffle
- NL-3312Round Adjustable Reflector
- NL-3320Round Metal Trim with 1" Pinhole
- NL-3345Round Adjustable Slot Aperture
- NL-3365Round Adjustable Gimbal
- NL-3318Round Eyeball with Baffle
- NL-3348Round Wall Wash with Baffle
- NL-3325Wet ListedRound Frosted Dome Lens (Wet Listed)
- NL-3326Wet ListedRound Flat Lens (Wet Listed)
- NL-3410Square with Round Baffle
- NL-3412Square with Round Reflector
- NL-3420Square Pinhole

OPTIONAL ACCESSORIES

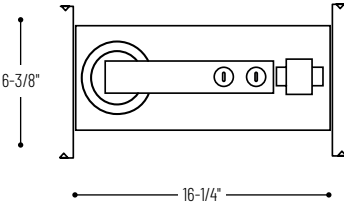
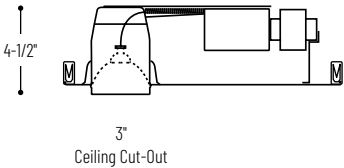
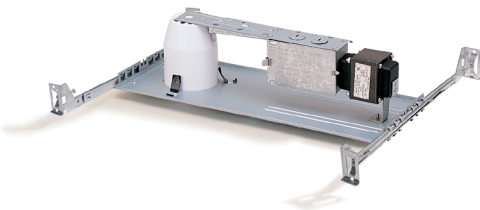
- NRA-28- 27" Flat Bar Hangers
- NRA-36- Replacement socket with heat shield

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 New Construction Housing

Catalog No.

- NL-301QAT = TRUE 3" Non-IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W max.
- NL-301AT/TEL = TRUE 3" Non-IC Air-Tight Low Voltage New Construction Housing, 120V Electronic, 3W-50W

Optional Accessories

Catalog No.

- NRA-28 = 27" Flat Bar Hangers
- NRA-36 = Replacement socket with heat shield

Example: NL-301QAT = TRUE 3" Non-IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W max.