

# NLIC-408AT

Q4 Series

4" Square IC Air-Tight Low Voltage New Construction Housing

Source: 50W MR16 max.

Type

Project

Catalog No.

Notes

## PRODUCT DESCRIPTION

The square housings feature die formed steel black painted housings. Double wall housing for use in insulated ceilings can be in direct contact with thermal insulation. The Q4 is available with magnetic or electronic transformers. Reflectors feature deep set lamp holders for maximum visual comfort. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

## FEATURES

- Air-Tight energy saving by reducing the flow of air through the ceiling
- Internal thermal protection
- cULus listed for damp location and through branch circuit wiring
- Quick connect provided
- 24-1/2" Bar hangers with captive nails and alignment foot

## CONSTRUCTION

**Plastic Frame:** 0.040 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers.

**Housing:** 0.035 white baked enamel one-piece drawn steel. Accommodates ceiling thickness from 5/8" to 1-3/8".

**Minimum Clearance:** "IC" Housings are direct contact rated; no minimum clearance is required

**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 25 cubic inch 0.060" thick galvanized steel, with seven 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 TRIM

[NL-4585WW](#) - Reflector with Adjustable Gimbal

## OPTIONAL ACCESSORIES

[NRA-28/0.5IN](#) - 27" Flat Bar Hangers

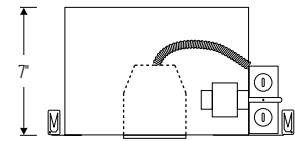
[NRA-36N](#) - Replacement socket with heat shield

## LABELS AND LISTINGS

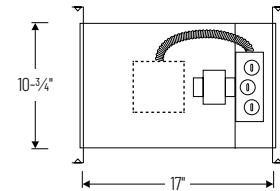
- cULus Listed for Damp Locations w/ Feed Through
- Meets or exceeds ASTM-283 Air-Tight Requirements



## PRODUCT IMAGES & DIMENSIONS



4"  
Ceiling Cut-Out



## 4" Square IC Air-Tight Low Voltage New Construction Housing

Catalog No.

**NLIC-408AT** = 4" Square IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W max.

**NLIC-408AT/TEL** = 4" Square IC Air-Tight Low Voltage New Construction Housing, 120V Electronic, 3W-50W  
(use with EMI filter for FCC Class B compliance)

## Optional Accessories

Catalog No.

**NRA-28/0.5IN** = 27" Flat Bar Hangers

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

Example: **NLIC-408AT** = 4" Square IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W max.