

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 TRIMS

NL-4584 - Reflector with Frosted Flat Lens

NL-4585 - Reflector with Adjustable Gimbal

NL-4588 - Reflector with 1.5" Pinhole

OPTIONAL ACCESSORIES

NRA-28 - 27" Flat Bar Hangers

NRA-36 - Replacement socket with heat shield

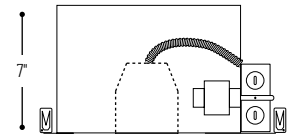
NET-EMIFILTER - EMI Filter

LABELS AND LISTINGS

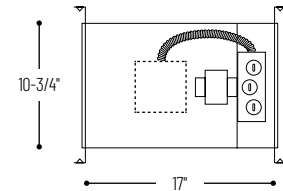
- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with NL-4584)
- Meets or exceeds ASTM-283 Air-Tight Requirements



PRODUCT IMAGES & DIMENSIONS



4-1/16"
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/IEL = 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 = 27" Flat Bar Hangers

NRA-36 = Replacement socket with heat shield

NET-EMIFILTER - EMI Filter

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