

NLIC-601

6" IC Air-Tight Low Voltage New Construction Housing

Source: 50W MR16 max.

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

6" Low voltage housings provide crisp, defined MR16 halogen illumination for any application. Reduced wattage housings are useful in meeting watts per square foot requirements. Housings are available with magnetic or electronic transformers. A wide variety of attractive adjustable trims allow for fine-tuned aiming of directional light sources.

CONSTRUCTION

Plastic Frame: 0.035 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: 0.035 white baked enamel one-piece drawn steel. Adjustable for ceiling thickness up 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: AR111 or MR16 (not included)

Note: LED lamps are compatible with NLIC-601/IEL

Transformer: Electronic or Magnetic (must specify)

COMPATIBLE TRIMS

NL-610 - Adjustable Baffle, White

NL-611 - Adjustable Baffle, Black

NL-613 - Adjustable Reflector, Black

NL-614 - Adjustable Reflector, Clear

NL-618 - Adjustable Eyeball with Baffle

NL-641 - Designer Baffle

NL-644 - Designer Reflector, Haze

NL-645 - Adjustable Slot Aperture

NL-646 - Designer Reflector, White

NL-663 - Gimbal with Baffle

NL-665 - Surface Round Spot

NL-670 - Adjustable Spot Cylinder

NL-671 - Surface Gimbal

NL-680 - Adjustable Elbow

OPTIONAL ACCESSORIES

NRA-28 - 27" Flat Bar Hangers

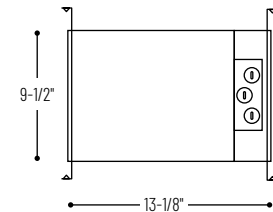
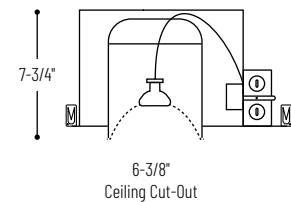
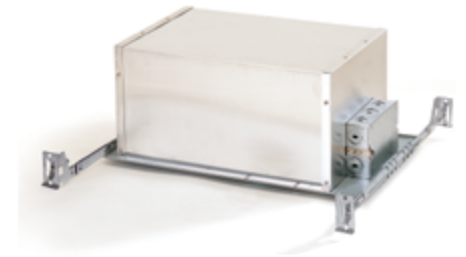
NRA-36 - Replacement socket with heat shield

LABELS AND LISTINGS

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



PRODUCT IMAGES & DIMENSIONS



6" IC Air-Tight Low Voltage New Construction Housing

Catalog No.

NLIC-601/IEL = 6" IC Air-Tight Low Voltage New Construction Housing, 120V Electronic, 3W-50W (Compatible with LED lamps)

NLIC-601/2EL = 6" IC Air-Tight Low Voltage New Construction Housing, 277V Electronic, 50W

NLIC-601QAT = 6" IC Air-Tight Low Voltage New Construction Housing, 120V Magnetic, 50W

Optional Accessories

Catalog No.

NRA-28 = 27" Flat Bar Hangers

NRA-36 = Replacement socket with heat shield

Example: **NLIC-601/IEL** = 6" IC Air-Tight Low Voltage New Construction Housing, 120V Electronic, 3W-50W (Compatible with LED lamps)