

NLR-404

4" Low Voltage Non-IC Remodel Housing

Source: 75W max.

12V MR16 (Lamp not included)

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

4" low voltage remodel housing for installation into existing sheet rock ceilings where access is only available from below the ceiling. A wide variety of attractive adjustable trims allows fine-tuned aiming of direction light sources.

CONSTRUCTION

Housing: 0.05 white baked enamel one-piece drawn aluminum housing. Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.05 steel and connects to housing with junction box.

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.

Note: 75W housings are not Air-Tight rated

Clearance: Non-IC housings require a minimum clearance of 3" from thermal insulation and 1/2" from combustible material from above the fixture.

Mounting: Four high tension tempered steel springs secure remodel housing to ceiling thicknesses from 5/8" to 1-3/8" (Hole cutout template provided for convenience).

Junction Box: Prewired 15 cubic inch 0.06" thick galvanized steel, with six 1/2" knockouts and four Romex pryouts and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

ELECTRICAL

Input Voltage: 120V or 277V (must specify)

Output Voltage: 12V

Socket: Bi-Pin GU5.3 socket with heat shield

Wattage: 20W-75W (must specify)

Lamp: 12V MR16 (not included)

Dimming: MLV (with Magnetic Transformer) or ELV (with Electronic Transformer)

COMPATIBLE TRIMS

- NL-410 = Adjustable Baffle
- NL-411 = Black Adjustable Stepped Baffle
- NL-412 = Gold Adjustable Reflector
- NL-413 = Black Adjustable Reflector
- NL-414 = Specular Clear Adjustable Reflector
- NL-416 = White Adjustable Reflector
- NL-418 = Adjustable Eyeball, Baffle
- NL-420 = White Pinhole with Black Baffle
- NL-421 = White Pinhole with White Baffle
- NL-422 = Albalite Lens with Reflector
- NL-423 = Fresnel Lens with Reflector
- NL-425 = Frosted Dome Lens with Reflector
- NL-426 = Flat Frosted Lens with Reflector
- NL-427 = Flat Frosted Lens with Clear Center
- NL-429 = Reflector with Tempered Flat Glass
- NL-432 = Round Deep Reflector
- NL-440 = Metal Pinhole
- NL-445 = Adjustable Slot Aperture
- NL-448 = Adjustable Wall Wash with Black Baffle
- NL-449 = Adjustable Wall Wash with White Baffle
- NL-450 = Adjustable Wall Wash with White Reflector
- NL-452 = Natural Metal Adjustable Reflector with Ring
- NL-453 = Adjustable Reflector with Ring
- NL-463 = Adjustable Gimbal with Baffle
- NL-465 = Surface Adjustable
- NL-467 = Surface Adjustable with Baffle
- NL-468 = 45° Adjustable Stepped Baffle with Metal Ring
- NL-469 = 45° Adjustable Reflector with Metal Ring
- NL-470 = Fully Adjustable Elbow
- NL-4810 = Square Adjustable Stepped Baffle
- NL-4814 = Square Adjustable Reflector
- NL-4826 = Square Frosted Flat Lens
- NL-4827 = Square Frosted Flat Lens, Clear Center
- NL-4840 = Square Pinhole
- NL-4845 = Square Adjustable Slot Aperture (50W max.)
- NL-4855 = Square Pinhole with Adjustable Reflector
- NL-4857 = Square Adjustable Reflector
- NL-4865 = Square Surface Adjustable
- NL-4870 = Square Fully Adjustable Elbow
- NL-490 = Adjustable Drop Gimbal

OPTIONAL ACCESSORIES

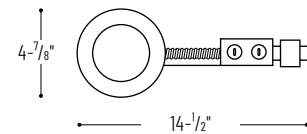
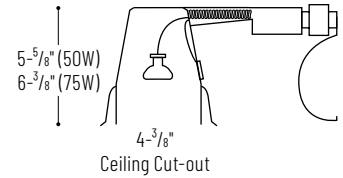
- NRA-36: Replacement socket with heat shield

LABELS AND LISTINGS

- cULus Listed for Damp Location
 - (W) Wet Location when used with designated trims
- Meets or exceeds ASTM-283 Air-Tight requirements (AT only)



PRODUCT IMAGES & DIMENSIONS



4" Low Voltage Non-IC Remodel Housing

Catalog No.

- NLR-4040AT = 4" Air-Tight Low Voltage Housing, 120V/12V Magnetic Transformer, Rated for 50W max.
- NLR-4040AT/XX = 4" Air-Tight Low Voltage Housing, 120V/12V Magnetic Transformer, labeled at lower wattage (Consult Factory)
- NLR-404AT/1EL = 4" Air-Tight Low Voltage Housing, 120V/12V Electronic Transformer, Rated for 3-50W
- NLR-404AT/1EL/XX = 4" Air-Tight Low Voltage Housing, 120V/12V Electronic Transformer, labeled at lower wattage (Consult Factory)
- NLR-404AT/2EL = 4" Air-Tight Low Voltage Housing, 277V/12V Electronic Transformer, Rated for 3-50W
- NLR-404AT/2EL/XX = 4" Air-Tight Low Voltage Housing, 277V/12V Electronic Transformer, labeled at lower wattage (Consult Factory)
- NLR-404/75/1EL = 4" Low Voltage Housing, 120V/12V Electronic Transformer, Rated for 75W
- NLR-404/75/1EL/XX = 4" Low Voltage Housing, 120V/12V Electronic Transformer, labeled at lower wattage (Consult Factory)
- NLR-404/75/2EL = 4" Low Voltage Housing, 277V/12V Electronic Transformer, Rated for 75W
- NLR-404/75/2EL/XX = 4" Low Voltage Housing, 277V/12V Electronic Transformer, labeled at lower wattage (Consult Factory)

Optional Accessories

Description

- NRA-36 = Replacement socket with heat shield

Example: NLR-4040AT = 4" Air-Tight Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, Rated for 50W max.