

# 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-413 = Black Adjustable Reflector
- NL-414 = Specular Clear Adjustable Reflector
- NL-416 = White Adjustable Reflector
- 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-426 = Flat Frosted Lens with Reflector
- NL-427 = Flat Frosted Lens with Clear Center
- NL-432 = Round Deep Reflector
- NL-440 = Metal Pinhole
- NL-445 = Adjustable Slot Aperture
- NL-452 = Natural Metal 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-4826 = Square Frosted Flat Lens
- NL-4855 = Square Pinhole with Adjustable Reflector
- NL-4857 = Square Adjustable Reflector
- NL-4865 = Square Surface Adjustable

### OPTIONAL ACCESSORIES

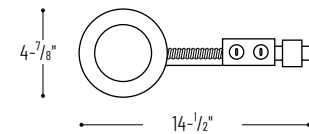
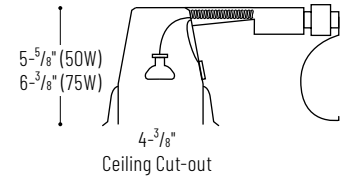
- NRA-36 = Replacement socket with heat shield

### LABELS AND LISTINGS

- cULus Listed for Damp Location
-  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-404/75/2EL = 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.