

# NLR-403S

## 4" Shallow Low Voltage Non-IC Remodel Housing

Source: 50W max.

12V MR16 (Lamp not included)

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

4" Shallow 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:** 0.035 white baked enamel one-piece drawn steel. 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.

**Mounting:** Four high tension tempered steel springs secure remodel housing to ceiling thicknesses up to 7/8" (Hole cutout template provided for convenience).

**Clearance:** Non-Insulated housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

**Junction Box:** Prewired 22 cubic inch 0.06" thick galvanized steel, with six 3/4" 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

**Output Voltage:** 12V

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

**Wattage:** 50W max. (consult factory for lower wattage label)

**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 (Wet Listed)

[NL-423](#)  = Fresnel Lens with Reflector (Wet Listed)

[NL-425](#)  = Frosted Dome Lens with Reflector (Wet Listed)

[NL-426](#)  = Flat Frosted Lens with Reflector (Wet Listed)

[NL-427](#)  = Flat Frosted Lens with Clear Center (Wet Listed)

[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-470](#) = Fully Adjustable Elbow

[NL-4810](#) = Square Adjustable Stepped Baffle

[NL-4814](#) = Square Adjustable Reflector

[NL-4826](#)  = Square Frosted Flat Lens (Wet Listed)

[NL-4827](#)  = Square Frosted Flat Lens, Clear Cente (Wet)

[NL-4840](#) = Square Pinhole

[NL-4855](#) = Square Pinhole with Adjustable Reflector

[NL-4865](#) = Square Surface Adjustable

[NL-490](#) = Adjustable Drop Gimbal

### OPTIONAL ACCESSORIES

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

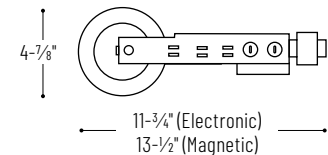
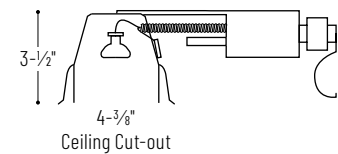
### LABELS AND LISTINGS

cULus Listed for Damp Location

(wet location when used with compatible trims)



### PRODUCT IMAGES & DIMENSIONS



## 4" Shallow Low Voltage Non-IC Remodel Housing

Catalog Number

**NLR-403S** = 4" Shallow Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, Rated for 50W max.

**NLR-403S/XX** = 4" Shallow Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, labeled at lower wattage (**Consult Factory**)

**NLR-403S/IEL** = 4" Shallow Low Voltage Remodel Housing, 120V/12V Electronic Transformer, Rated for 50W max.

**NLR-403S/IEL/XX** = 4" Shallow Low Voltage Remodel Housing, 120V/12V Electronic Transformer, labeled at lower wattage (**Consult Factory**)

## Optional Accessories

Description

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

Example: **NLR-403S** = 4" Shallow Low Voltage Remodel Housing, 120V/12V Magnetic Transformer, Rated for 50W max.