

NLR-604 Series

6" Low Voltage Remodel Housing with Reflector Trims

Lamp: 50-75W MR16

NORALIGHTING®

Type _____
 Project _____
 Catalog No. _____
 Lamp/Wattage _____

PRODUCT DESCRIPTION

Six-inch low voltage housing with integral transformer for use in existing sheet rock ceilings.

Features

- Does not require above ceiling access.
- Quick connectors provided.
- UL listed for through branch circuit wiring
- cUL listed for use in damp locations
- Extensive selection of decorative trims
- NYC Approved: Calendar #43895

Housing

1. **Plaster 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.
2. **Housing** - 0.050 white finish wrap and dome steel housing. .00 galvanized structural steel arm connects housing to junction box.
3. **Mounting** - Three high tension/memory steel springs secure the housing to an existing sheet rock ceiling.

Accommodates ceiling thickness to 1-1/2" (38mm).

Clearance

Non-IC housings require minimum clearances of 3" from thermal insulation and 1/2" from adjacent building components.

Electrical System

1. **Transformer** - Magnetic Class H transformer available with either 120V or 277V input, 12V output pre-installed onto J-box door on far side of j-box from housing. Also available in electronic specify /1EL for 120V, or /2EL for 277V.
2. **Wiring** - Standard metal flex whip carries wire lead from j-box and transformer into housing. Teflon protected wire lead extends from transformer to bottom flange of fixture and terminates at MR16 socket with heat shield.
3. **Junction Box** - Integrated 22 cubic inch junction box 0.060 galvanized steel with three 1/2" knockouts, two 3/4" knockouts, and four Romex pryouts. Green wire provided for installations with ground wire fed through PVC pipe conduit.

Lamp

One 50-75W 12V MR16 Halogen ordered separately.

Trim

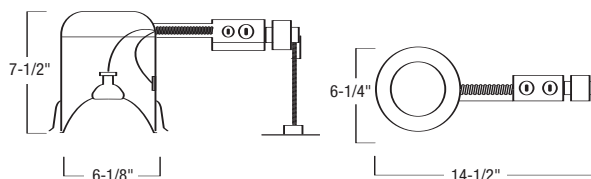
Full assortment of decorative reflectors, glass, gimbal rings, and other styles for aesthetic, low profile ceiling finish. Includes tempered UV/shatter shield and foam gasket. Three tension spring clips riveted to trim ring secure trim to housing. White ring is standard.

Labels and Listings

UL Listed for through-branch wiring with up to four #12 AWG conductors.
 UL Damp Location w/ Feed Through.



DIMENSIONS



Cut out: 6-1/8"
 Height: 7-1/2"
 Housing Length: 14-1/2"
 Housing Width: 6-1/4"

Optional Accessories

- NRA-36 Replacement socket with shield
- NRA-126 One hour fire rated enclosure
- NR-401 Metal replacement ring (B, BZ, C, CO, G, N, W)
- /1EL 120V Electronic Transformer
- /2EL 277V Electronic Transformer

Dimming

Use magnetic low voltage dimming control with magnetic transformer or electronic low voltage dimming control with electronic transformer.

Create a complete fixture/trim catalog number: Example: NLR-604/75Q/1EL / NL-646

Housing - select one box from each column

Catalog No.	Wattage	Quick Connector	Transformer	Voltage	
NLR-604	50	Q	EL	1 (120)	
	75		M	2 (277)	

Reflector Trims

Catalog No.	Reflector Finish
NL-612 NL-643	B
NL-613 NL-644	C
NL-614 NL-646	G
NL-616	W
NL-640	
NL-642	

Finishes: B = Black, C = Chrome, G = Gold, W = White

NORALIGHTING®

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 www.noralighting.com • e-mail: nora@noralighting.com Specifications subject to change without notice. © 2008

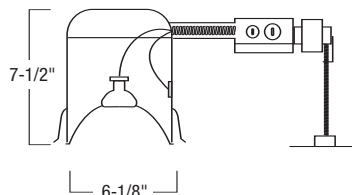
NLR-604 Reflector Trims

NL-612 Gold Adjustable Reflector

NL-613 Black Adjustable Reflector

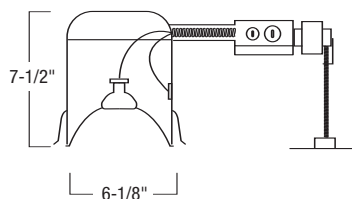
NL-614 Chrome Adjustable Reflector

NL-616 White Adjustable Reflector



Trim OD: 7"
Adjustable: 35 degree

NL-640 Pinhole White



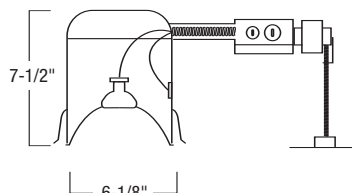
Trim OD: 8"
Adjustable: 35 degree

NL-642 Gold Designer Reflector

NL-643 Black Designer Reflector

NL-644 Chrome Designer Reflector

NL-646 White Designer Reflector



Trim OD: 8"
Adjustable: 35 degree