

6" Low Voltage Downlight New Constructions

LAMP WATTAGE

- (1) 50MR16
- (1) 75MR16 (for use only with NL-601/75)
- (1) 50PAR36 (for use only with 671, 672, 673 series trims)

DESCRIPTION

Six-inch low voltage housing with integral transformer for use in new constructions.

FEATURES

- 24" adjustable bar hangers
- Branch feed-through wiring
- Extensive selection of decorative trims
- NYC Approved: Calendar #43895

HOUSING

1. **Plaster Frame** - .035 steel frame with integral bar hanger brackets. Brackets can be flattened out to accommodate longer 27" flat bar hangers.
2. **Housing** - .035 white finish steel housing wrap and dome. Adjustable for ceiling thickness up to 1-3/4".
3. **Mounting** - Two 24" bar hangers included for installation. Bar hangers have lead-tabs, but require extra nail support at both ends of each. Bar hangers have knockouts for tying to T-Bar grid or other structural ceiling materials. Bar Hangers are perpendicular to junction box, but can be repositioned 90 degrees to run parallel to j-box if desired. Knockouts in frame allow cable support from a structural ceiling if required. *Note: insulation must be kept a minimum of 3" from all surfaces of fixture.*

ELECTRICAL SYSTEM

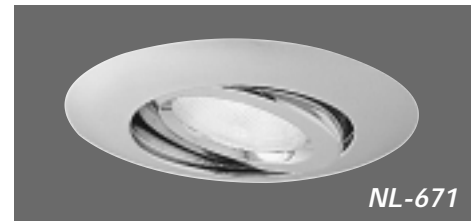
1. **Transformer** - Magnetic Class H transformer pre-installed onto j-box door on far side of j-box from housing.
2. **Wiring** - Standard metal flex whip carries wire lead from j-box and transformer into housing. Wire lead extends to bottom flange of fixture and terminates at MR16 socket and plate.
3. **Junction Box** - Integrated 25 cu. in. junction box .060 galvanized steel with four 1/2" and two 3/4" knockouts. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. Green wire provided for installations with ground wire fed through PVC pipe conduit.

TRIMS

Full assortment of decorative reflectors, glass, gimbal rings, and other styles for aesthetic ceiling effects. Trim housing is .030 finished steel. Includes clear lamp shield. Torsion spring clips secure trim tightly inside housing. Trims ordered separately.



NL-612



NL-671

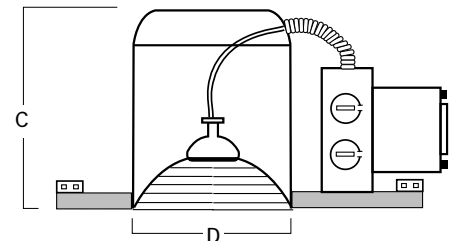
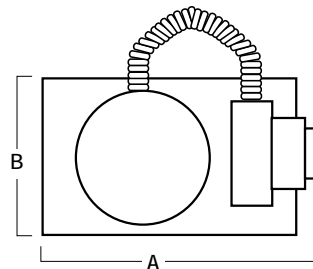
PRODUCT MATRIX

Ordering Example: **NL-601/277 / NL-680G**
6" New Construction Housing, 277V input - 12V output - fully adjustable elbow MR16 trim

Catalog Number	Input Volt	Maximum Wattage	100% US Components
NL-601	120V	50W	No
NL-601/75	120V	75W	No
NL-601/277	277V	50W	No
NL-601/75/277	277V	75W	No

For remote transformer, specify /N suffix Ordering example: **NL-601/N**

DIMENSIONS



A: Length	12-1/2"	(32 cm)
B: Width	7-1/2"	(191 mm)

C: Depth	7-1/2"	(191 mm)
D: Ceiling Cutout	6-3/8"	(162 mm)

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TRIMS

Item No	Description	Trim Finish	Ring Finish
HIGH TECH TRIM REFLECTORS			
NL-610	Metal Stepped Baffle	White	White
NL-611	Metal Stepped Baffle	Black	White
NL-612	Reflector	Gold	White
NL-613	Reflector	Black	White
NL-614	Reflector	Chrome	White
NL-616	Reflector	White	White
NL-618WB	Eyeball	White, Black Baffle	White
NL-618WW	Eyeball	White, White Baffle	White
NL-619C	Eyeball	Chrome	Chrome
NL-619G	Eyeball	Gold	Gold
NL-620	Pinhole Baffle	Black	White
NL-621	Pinhole Baffle	White	White
NL-628	White Regressed Eyeball, Painted Baffle	W, B	N/A
NL-640	Pinhole	W, B, C, G	White
NL-641	Designer Step Baffle	W, B	White
NL-642	Designer Reflector	Gold	White
NL-643	Designer Reflector	Black	White
NL-644	Designer Reflector	Chrome	White
NL-645	Slot Aperture	White	N/A
NL-646	Designer Reflector	White	White
NL-648	Baffle White Scoop Wall Wash	Black	White
NL-649	Baffle White Scoop Wall Wash	White	White
NL-650	Adjustable White Scoop Wall Wash	W, B	White
NL-663	Adjustable Baffle	WB, BB, CB, GB, WW)	N/A
NL-665	Surface Adjustable	W, B, C, G	N/A
NL-670	Baffle Spot	W, B	White
NL-671	PAR 36 Gimbal Ring	W, B, C, G	N/A
NL-672	PAR 36 Baffle With Gimbal Ring	W, B	White
NL-673	PAR 36 Reflector With Gimbal Ring	W, B, C, G	White
NL-675	Baffle With Baffle	W, B	White
NL-680	Fully Adjustable Elbow	W, B, C, G	N/A
NL-690	Adjustable Drop Gimbal	W, B	N/A
FROSTED GLASS			
NL-695	Metropolitan Moon	W, BU, P	White
NL-696	Metropolitan Stepped	W, BU, P	White
NL-697	Metropolitan Ice Lite	W, BU, P	White