

NHRIC-27LMRAT

6" Shallow IC Air-Tight LED Dedicated Remodel Housing
(Compatible with Cobalt / Onyx / PRISM)

Type	
Project	
Catalog No.	
Notes	

PRODUCT DESCRIPTION

Shallow remodel housing for use in shallow plenum, insulated ceilings can be in direct contact with insulation.* Air-tight construction provides energy savings by reducing the flow of air through the ceiling. The housing is dedicated and labeled for use with LED retrofit luminaires.

FEATURES

- Low 5-1/2" profile for existing shallow plenums
- IC rated housing for direct contact with insulation
- Rated for direct contact with insulation
- cULus listed for damp location and through branch circuit wiring
- Installation-ready for existing sheet rock ceilings

CONSTRUCTION

Plaster Frame: High quality 0.040 steel die cut one piece frame

Housing: 0.040 aluminum housing adjusts to a maximum ceiling thickness of 1". Housing terminates at 1/4" ceiling flange for even positioning of housing angle with the ceiling. Structural arm consisting of 0.050 structural steel connects housing with junction box. Spring brackets accept torsion wing trim springs; slots on socket plate surface accept standard coil springs.

Air Flow Restriction: Meets requirements of Air-Tight (AT) <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Clearance: "IC" Insulated ceiling housings are direct contact rated. Not to be used in direct contact with spray foam insulation.

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

Junction Box: Prewired 15 cubic inch 0.064" thick galvanized steel with six 1/2" trade size knockouts, one 3/4" trade size knockout, 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. Through branch circuit wiring, (4-in, 4-out).

ELECTRICAL

Input Voltage: 120/277V

Socket: Quick connect for LED reflectors

Operating Temp.: 122°F (50°C) max. ambient temperature

Dimming: Specified by reflector

COMPATIBILITY

NLCBC-6 / NLCBC2-6 - Cobalt Series

NOX-56 / NOXAC-56 / NOXTW-56 - 5"6" Onyx Series

NOX-636 - 6" Onyx Series

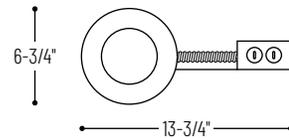
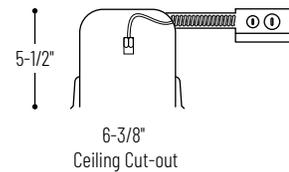
NLPR-56 - PRISM Series

LABELS AND LISTINGS

- cULus Listed for Damp Location (wet location when used with compatible reflectors)
- Meets or exceeds ASTM-283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2019
- RoHS compliant



PRODUCT IMAGES & DIMENSIONS



6" Shallow IC Air-Tight LED Dedicated Remodel Housing

Housing Type

NHRIC-27LMRAT = 6" Shallow IC Air-Tight Remodel Housing, 120/277V input (120V Triac/ELV dimming)

Example: NHRIC-27LMRAT = 6" Shallow IC Air-Tight LED Dedicated Remodel Housing, 120/277V input