

# NHRIC-527LMRAT

5" 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 5-7/8" profile for existing shallow ceiling plenums
- IC Air-Tight energy saving by reducing the flow of air through the ceiling
- Rated for direct contact with insulation
- cULus listed for damp location and through branch circuit wiring
- Installation-ready for existing sheet rock ceilings

## CONSTRUCTION

**Housing:** 0.040 aluminum adjusts to a maximum ceiling thickness of 1-3/8". Housing terminates at 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of 0.050 structural steel connects housing with junction box. Fixture may be installed in areas where it will have direct contact with thermal insulation.

**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.

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

**Mounting:** Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-3/8".

**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-5 / NLCBC2-5 - Cobalt Series

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

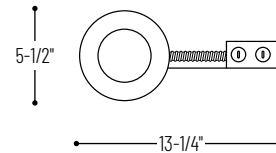
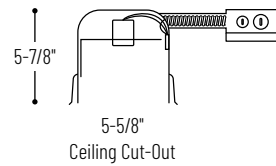
NLPR-56 - PRISM Series

## LABELS AND LISTINGS

- cULus Listed for damp location & feed through (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



## PRODUCT IMAGES & DIMENSIONS



## 5" Shallow IC Air-Tight LED Dedicated Remodel Housing

Housing Type

NHRIC-527LMRAT: 5" Shallow IC Air-Tight Remodel Housing, 120/277V input (120V Triac/ELV dimming)

Example: NHRIC-527LMRAT = 5" Shallow IC Air-Tight LED Dedicated Remodel Housing, 120/277V input