

# NHRIC-5LMRAT

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

|             |
|-------------|
| Type        |
| Project     |
| Catalog No. |
| Notes       |

## PRODUCT DESCRIPTION

Dedicated remodel housing for use in 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

- IC rated for direct contact with insulation
- Quick connect provided for electrical connection to the LED trim
- ASTM E283 for Air-Tight
- Available with 277V Step-down transformer

## CONSTRUCTION

**Housing:** 0.040 steel housing adjusts to a maximum ceiling thickness of 1-5/8" (41mm). Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with junction box. Integral spring brackets provided.

**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 1-1/2" 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, (3-in, 3-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

## STEP DOWN TRANSFORMER (CONVERTS 277V INPUT TO 120V)

Optional 50W step down transformer installed (NHRIC-5LMRAT/277)

## COMPATIBILITY

NLPR-56 - PRISM Series

NLCBC-5 / NLCBC2-5 - Cobalt Series

NRMC-5 - Marquise I Series

NRMC2-5 - Marquise II Series

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

## EMERGENCY (NEPK-07LEDUNV)

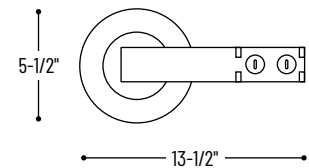
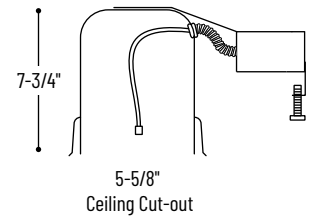
Remote 90-minute battery back-up and remote test switch can be specified and installed separately.

## LABELS AND LISTINGS

- cULus Listed for damp location & feed through (wet location when used with compatible reflectors)
- WSEC ASTM E283 for Air-Tight
- RoHS Compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2019



## PRODUCT IMAGES & DIMENSIONS



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

Housing Type

**NHRIC-5LMRAT** = 5" IC Air-Tight Housing, 120/277V input (120V Triac/ELV dimming)

**NHRIC-5LMRAT/277** = 5" IC Air-Tight Housing, 277V input with step down transformer

**NHRIC-5LMRAT/4W** = 5" IC Air-Tight Housing, 120/277V input (120V Triac/ELV/0-10V & 277V 0-10V dimming, Cobalt only - LE4 required)

**NHRIC-5LMRAT/PEM** = 5" IC Air-Tight Housing with Pre-Wiring for Emergency, 120/277V input (Cobalt only - EM required)

**NHRIC-5LMRAT/6WPPEM** = 5" IC Air-Tight Housing with Pre-Wiring for Emergency, 120/277V input (120V Triac/ELV/0-10V & 277V 0-10V dimming, Cobalt only - LE4EM required)

Example: **NHRIC-5LMRAT** = 5" IC Air-Tight LED Dedicated New Construction Housing, 120/277V input