

# NHRIC-5LMRAT

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

(Compatible with PRISM / Cobalt / Marquise / Onyx Series)

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 PRISM, Cobalt, Marquise, Onyx series LED fixtures.

### 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", one 3/4" knockouts, 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).

### COMPATIBILITY

- NLPR-56 PRISM Series
- NLCBC-5 / NLCBC2-5 Cobalt Series
- NRMC-5 Marquise I Series
- NRMC2-5 Marquise II Series
- NOX-56 Onyx Series
- NOXAC-56 AC Onyx Series
- NOXTW-56 Onyx Tunable White Series

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

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

### EMERGENCY (NEPK-07LEDUNV)

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

### ELECTRICAL

**Input Voltage:** 120V or 277V

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

**Dimming:** Triac / ELV or 0-10V Dimming, as specified on reflector / housing combination.

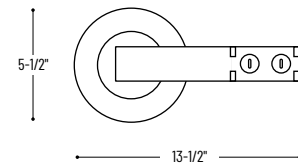
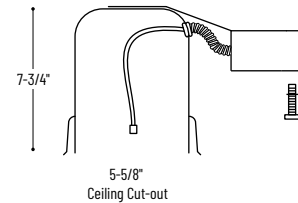
[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

### 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
- Can be used to comply with 2019 Title 24 - part 6 High Efficacy LED light source requirements



### PRODUCT IMAGES & DIMENSIONS



## 5" IC Air-Tight Dedicated Remodel Housing

Housing Type

**NHRIC-5LMRAT** = 5" IC Air-Tight Dedicated New Construction Housing, 120V input

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

**NHRIC-5LMRAT/4W** = 5" IC Air-Tight Dedicated New Construction Housing, 120/277V input; 120V Triac or 0-10V or 277V 0-10V dimming (requires Cobalt with LE4)

**NHRIC-5LMRAT/6WPEM** = 5" IC Air-Tight Dedicated New Construction Housing, 120/277V input; 120V Triac or 0-10V or 277V 0-10V dimming & Pre-Wired for Emergency (requires Cobalt with LE4EM)

**NHRIC-5LMRAT/PEM** = 5" IC Air-Tight Dedicated New Construction Housing, 120V input; 120V Triac dimming & Pre-Wired for Emergency (requires Cobalt with EM)

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