

NHRIC-6LMRAT

6" 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 1-5/8" thick (max.) ceiling (Hole cutout template provided for convenience)

Junction Box: Prewired 15 cubic inch 0.064" thick galvanized steel, with six 1/2", 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-6 / NLCBC2-6 Cobalt Series
- NRMC-6 Marquise I Series
- NRMC2-6 Marquise II Series
- NOX-56 / NOX-6 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-6LMRAT/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.

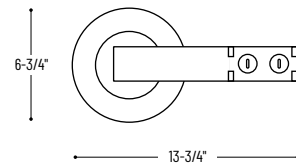
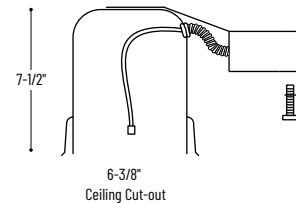
[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

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



6" IC Air-Tight Dedicated Remodel Housing

Housing Type

NHRIC-6LMRAT = 6" IC Air-Tight Dedicated New Construction Housing, 120V input

NHRIC-6LMRAT/277 = 6" IC Air-Tight Dedicated New Construction Housing, 277V input with step down transformer

NHRIC-6LMRAT/4W = 6" 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-6LMRAT/6WPEN = 6" 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-6LMRAT/PEM = 6" IC Air-Tight Dedicated New Construction Housing, 120V input; 120V Triac dimming & Pre-Wired for Emergency (requires Cobalt with EM)

Example: **NHRIC-6LMRAT** = 6" IC Air-Tight Dedicated New Construction Housing, 120V input