

NHRIC-4LMRAT

4" IC Air-Tight LED Dedicated Remodel Housing

(Compatible with Iolite / Cobalt / Marquise / Onyx / Pearl / 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 aluminum housing adjusts to a maximum ceiling thickness of 5/8" (16mm). 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 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" 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-4LMRAT/277). Through branch wiring is limited to 3-in and 3-out.

COMPATIBILITY

NIR-4 - Iolite Series

NLCBC-4 / NLCBC2-4 - Cobalt Series

NRMC-4 - Marquise I Series

NRMC2-4 - Marquise II Series

NOX-4 / NOXAC-4 / NOXTW-4 - Onyx Series

NPR-4 - Pearl Series

NLPR-4 - PRISM Series

EMERGENCY (NEPK-07LEDUV)

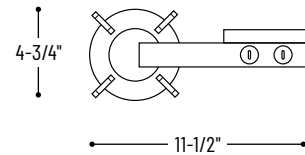
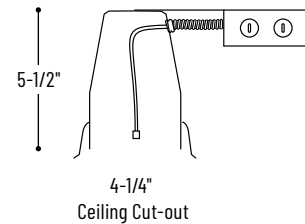
Remote 90-minute battery back-up and remote test switch can be specified and installed separately.

LABELS AND LISTINGS

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



PRODUCT IMAGES & DIMENSIONS



4" IC Air-Tight LED Dedicated Remodel Housing

Housing Type

NHRIC-4LMRAT = 4" IC Air-Tight Remodel Housing, 120/277V input (120V Triac/ELV dimming)

NHRIC-4LMRAT/277 = 4" IC Air-Tight Remodel Housing, 277V input with step down transformer

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

NHRIC-4LMRAT/PEM = 4" IC Air-Tight Remodel Housing with Pre-Wiring for Emergency, 120/277V input (Cobalt only - EM required)

NHRIC-4LMRAT/6WPEM = 4" IC Air-Tight Remodel Housing with Pre-Wiring for Emergency, 120/277V input (120V Triac/ELV/0-10V & 277V 0-10V dimming, Cobalt only - LE4EM required)

Example: **NHRIC-4LMRAT** = 4" IC Air-Tight LED Dedicated Remodel Housing, 120/277V input