

NHRIC-427LMRAT

4" Shallow IC Air-Tight LED Dedicated Remodel Housing
(Compatible with Onyx and Pearl)

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

- Shallow IC rated housing for direct contact with insulation
- Quick connect provided for electrical connection to the LED reflector
- IC Air-Tight energy saving by reducing the flow of air through the ceiling
- cULus listed for damp location and through branch circuit wiring

CONSTRUCTION

Housing: 0.040 aluminum housing adjusts to maximum ceiling thickness of 1-5/8". Structural arm consisting of 0.050 steel connects housing with junction box.

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; no minimum clearance is required.

Mounting: Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-5/8".

Junction Box: Prewired 25 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, (6-in, 6-out).

ELECTRICAL

Input Voltage: 120V or 277V

Socket: Quick connect for LED reflectors

Operating Temp.: 77°F (25°C) max. ambient temperature

Dimming: Specified by reflector

COMPATIBLE REFLECTORS

NOX-431 - 4" Onyx Round Reflector

NOX-432 - 4" Onyx Round Baffle

NOX-436 - 4" Onyx Square Reflector

NOXAC-431 - 4" AC Onyx Round Reflector

NOXAC-432 - 4" AC Onyx Round Baffle

NOXTW-431 - 4" Onyx TW Round Reflector

NOXTW-432 - 4" Onyx TW Round Baffle

NPR-4RC - 4" Pearl Round Adjustable Cone

NPR-4RG - 4" Pearl Round Adjustable Gimbal

NPR-4SC - 4" Pearl Square Adjustable Cone

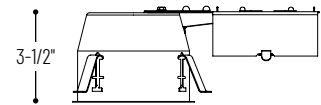
NPR-4SG - 4" Pearl Square Adjustable Gimbal

LABELS AND LISTINGS

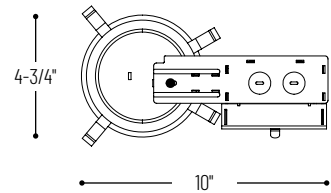
- cULus Listed for damp location & feed through (wet location when used with compatible reflectors)
- Meets or exceeds ASTM-283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2019 (when used with compatible reflectors)
- RoHS compliant



PRODUCT IMAGES & DIMENSIONS



4-3/8"
Ceiling Cut-out



4" Shallow IC Air-Tight Dedicated Remodel Housing - Compatible with Onyx Reflectors

Housing Type

NHRIC-427LMRAT = 4" Shallow IC Air-Tight Dedicated Remodel Housing, 120V input

NHRIC-427LMRAT/277 = 4" Shallow IC Air-Tight Dedicated Remodel Housing, 277V input with step down transformer

Example: **NHRIC-427LMRAT** = 4" Shallow IC Air-Tight Dedicated Remodel Housing, 120V input