

# NHRIC-427LMRAT

## 4" Shallow IC Air-Tight LED Dedicated Remodel Housing

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 Nora 4" Onyx LED reflectors.

### FEATURES

- Shallow IC rated for direct contact with insulation
- Quick connect provided for electrical connection to the LED trim
- ASTM E283 for Air-Tight
- ENERGY STAR certified

### 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 3/4" and one 1-1/8" 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, (6-in, 6-out).

### ELECTRICAL

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

**Wattage:** 10.5W

**Operating Temp.:** 0°C to 25°C ambient temperature

**Dimming:** Specified by reflector

### COMPATIBLE REFLECTORS

CATALOG NO.	DESCRIPTION
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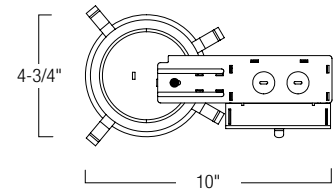
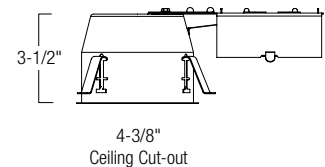
NOX-431	4" Onyx - Round Reflector
NOX-432	4" Onyx - Round Baffle
NOX-436	4" Onyx - Square Reflector
NOXTW-431	4" Onyx TW - Round Reflector
NOXTW-432	4" Onyx TW - Round Baffle
NOXAC-431	4" AC Onyx - Round Reflector
NOXAC-432	4" AC Onyx - Round Baffle

### LABELS AND LISTINGS

- cULus Listed for damp location & feed through (wet location when used with compatible reflectors)
- WSEC ASTM E283 for Air-Tight
- ENERGY STAR® certified
- RoHS Compliant
- Can be used to comply with 2019 Title 24 - part 6 High Efficacy LED light source requirements
- [5-Year Limited Warranty](#)



### PRODUCT IMAGES & DIMENSIONS



## 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