

NHRI0IC-48LE4

4" Iolite IC Air-Tight Remodel Housing

Source: 14W LED

800lm or 1000lm

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.

SPECIFICATION

Housing: 0.030" steel can connects to integrated 0.040" steel structural arm with junction box and driver compartment. Integral spring brackets provided.

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. Not to be used in direct contact with spray foam insulation.

Mounting: Four high-tension tempered steel springs secure remodel housing from 1/4" (min) to 5/8" (max) thick ceiling. Hole cutout template provided for convenience.

Junction Box: Pre-wired 25 cubic inch 0.064" thick galvanized steel, with six 1/2" 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. Maximum of 6 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

| ELECTRICAL | LE3A | LE4 |
|------------------------|-------------|---------------------|
| Input Voltage | 120V | 120-277V |
| Input Power | 14W | 12W |
| Power Factor | ≥0.90 | |
| Dimming | Triac / ELV | Triac / ELV / 0-10V |
| Operating Temp. | 25°C max. | |

COMPATIBLE TRIMS

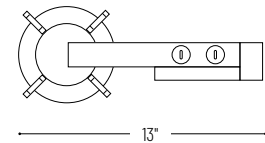
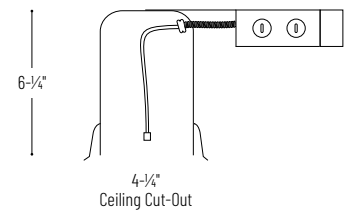
| CATALOG NO. | DESCRIPTION |
|---|--|
| NIO-4RC | 4" Round Adjustable Cone Regress |
| NIO-4SC | 4" Square Adjustable Cone Regress |
| NIO-4RG | 4" Round Adjustable Surface Gimbal |
| NIO-4SG | 4" Square Adjustable Surface Gimbal |
| NIO-4RD | 4" Round Adjustable Deep Regress |
| NIO-4SD | 4" Square Adjustable Deep Regress |
| NIO-4RND  | 4" Round Deep Reflector |
| NIO-4SND  | 4" Square Deep Reflector |
| NIO-4RPH  | 4" Round Pinhole |
| NIO-4RPHA | 4" Round Adjustable Pinhole |
| NIO-4RSL | 4" Round Adjustable Slot Aperture |
| NIO-4RNB  | 4" Round Bullnose |
| NIO-4SNB  | 4" Square Bullnose |
| NIO-4SND  | 4" Square Reflector / Square Aperture |
| NIO-4SDSO  | 4" Square Adjustable / Square Aperture |

LABELS AND LISTINGS

- cULus Listed for Damp Location (Wet Location when used with compatible trim)
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- RoHS Compliant
- FCC compliant
- Meets or exceeds ASTM-283 Air-Tight requirements



PRODUCT IMAGES AND DIMENSIONS



4" Iolite IC Air-Tight Remodel Housing - Compatible with NIO-4 trims

Driver / Dimming

NHRI0IC-48LE3A = 120V input; 120V Triac / ELV dimming

NHRI0IC-48LE4 = 120-277V input; 120V Triac / ELV / 0-10V or 277V 0-10V dimming

Example: **NHRI0IC-48LE4** = 4" Iolite IC Air-Tight Remodel Housing, 120-277V input; Triac / ELV / 0-10V dimming