

NHRI0IC-16LE4

1" Iolite IC Air-Tight Remodel Housing

Source: 10W LED

600lm

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. Remodel housing swivels up to 35° depending on ceiling thickness. New construction flat frame available to convert remodel housing, must specify [NHIOFK-1](#).

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 one 1/2" knockout 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 2 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

ELECTRICAL DATA		LE4
Input Voltage	120-277V	
Input Power	10W	
Power Factor	≥0.90	
Dimming	Triac / ELV / 0-10V	
Operating Temperature	25°C max.	

COMPATIBLE TRIMS & MONOPOLTS

CATALOG NO.	DESCRIPTION
NIOB-IRNB	1" Round Bullnose (BWF)
NIOB-ISNB	1" Square Bullnose (BWF)
NIOB-IRNG	1" Round Straight Regress (BWF)
NIOB-ISNG	1" Square Straight Regress (BWF)
NIOB-IRPH	1" Round Pinhole (BWF)
NIOB-IRSL	1" Round Adj. Slot Aperture (BWF)
NIOP-IRCY	1" iPOINT Cylinder
NIOP-IRTC	1" iPOINT Cone

Accessory: New construction flat frame ([NHIOFK-1](#)) allows access to junction box from the room side.

LABELS AND LISTINGS

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



Type

Project

Catalog No.

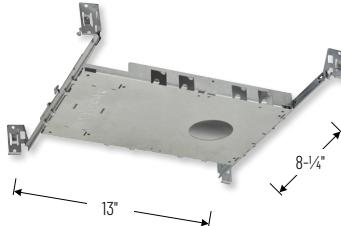
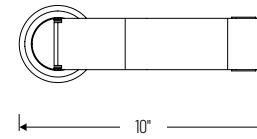
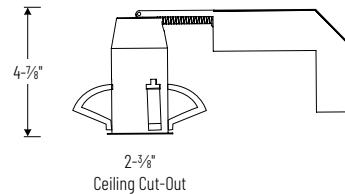
Notes

PRODUCT IMAGES AND DIMENSIONS



NHRI0IC-16LE4

1" Iolite IC Air-Tight Remodel Housing



NHIOFK-1

New Construction Frame-In for 1" Remodel Housing

1" Iolite IC Air-Tight Remodel Housing - Compatible with NIOB-1 trims

Driver / Dimming

NHRI0IC-16LE4 = 1" Iolite IC Air-Tight Remodel Housing, 120-277V input; 120V Triac / ELV / 0-10V or 277V 0-10V dimming

Optional Accessories

Description

NHIOFK-1 = 1" New Construction flat frame with bar hangers

Example: **NHRI0IC-16LE4** = 1" Iolite IC Air-Tight Remodel Housing, 120-277V input; Triac / ELV / 0-10V dimming