

NHRI0IC-16LE4

1" Iolite IC Air-Tight Remodel Housing
Source: 10W LED
600lm

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. 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 ¼" (min) to ⅝" (max) thick ceiling. Hole cutout template provided for convenience.

Junction Box: Pre-wired 25 cubic inch 0.064" thick galvanized steel, with one ½" 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 & MONOPOINTS

CATALOG NO.	DESCRIPTION
NIOB-1RNB	1" Round Bullnose (BWF)
NIOB-1SNB	1" Square Bullnose (BWF)
NIOB-1RNG	1" Round Straight Regress (BWF)
NIOB-1SNG	1" Square Straight Regress (BWF)
NIOB-1RPH	1" Round Pinhole (BWF)
NIOB-1RSL	1" Round Adj. Slot Aperture (BWF)
NIOB-1RCY	1" iPOINT Cylinder
NIOB-1RTC	1" iPOINT Cone

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

LABELS AND LISTINGS

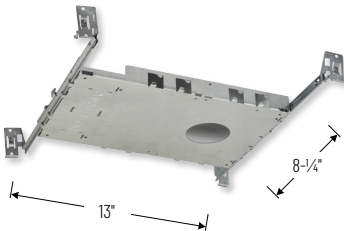
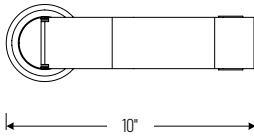
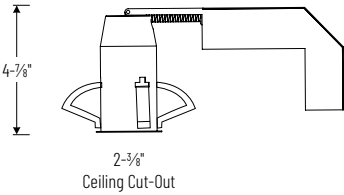
- cULus Listed for Damp Locations (Wet Locations when used with compatible trim)
- 5-Year Limited Warranty
- RoHS Compliant
- FCC compliant
- Meets or exceeds ASTM-283 Air-Tight requirements



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 = 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