NHRIOIC-28LE4

2" Iolite IC Air-Tight Remodel Housing
Source: 12W 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. Remodel housing swivels up to 35° depending on ceiling thickness. New construction flat frame available to convert remodel housing, must specify NHIOFK-2.

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 five ½" knockouts 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 4 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	12W
Power Factor	≥0.90
Dimming	Triac / ELV / 0-10V
Operating Temperature	25°C max.

COMPATIBLE TRIMS & MONOPOINTS

CATALOG NO.	DESCRIPTION
NIOB-2RC	2" Round Adjustable Cone Regress
NIOB-2SC	2" Square Adjustable Cone Regress
NIOB-2RG	2" Round Adjustable Surface Gimbal
NIOB-2SG	2" Square Adjustable Surface Gimbal
NIOB-2RNDC	2" Round Deep Reflector
NIOB-2SNDC	2" Square Deep Reflector
NIOB-2RPH	2" Round Pinhole
NIOB-2RPHA	2" Round Adjustable Pinhole
NIOB-2RSL	2" Round Adjustable Slot Aperture
NIOB-2RNB	2" Round Bullnose
NIOB-2SNB	2" Square Bullnose
NIOB-2SNDSQ	2" Square Reflector / Square Aperture
NIOP-2RCY	2" iPOINT Cylinder
NIOP-2RTC	2" iPOINT Cone

Accessory: New construction flat frame (NHIOFK-2) allows access to junction box from the room side.

LABELS AND LISTINGS
· cULus Listed for Damp Locations
  (Wet Locations 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

NHRIOIC-28LE4
2" Iolite IC Air-Tight Remodel Housing

4-⅞"

3-¼"
Ceiling Cut-Out

10"

8-¼"

13"

3-¼"
Ceiling Cut-Out
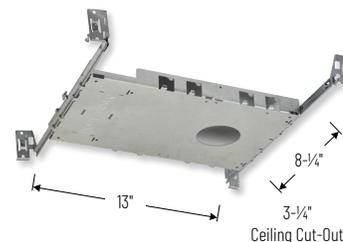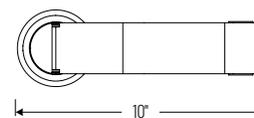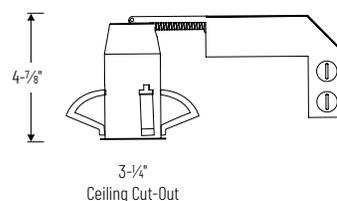
NHIOFK-2
New Construction Frame-In for 2" Remodel Housing

2" Iolite IC Air-Tight Remodel Housing - Compatible with NIOB-2 & NIOP-2

Housing Type / Lumens
NHRIOIC-28LE4 = IC Air-Tight / 800lm or 1000lm

Optional Accessories

Description
NHIOFK-2 = 2" New Construction flat frame with bar hangers

Example: **NHRIOIC-28LE4** = 2" Iolite IC Air-Tight Remodel Housing, 120-277V input; Triac / ELV / 0-10V dimming

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