

# NHR10IC-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 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
<b>Input Voltage</b>	120-277V
<b>Input Power</b>	10W
<b>Power Factor</b>	>0.90
<b>Dimming</b>	Triac / ELV / 0-10V
<b>Operating Temperature</b>	25°C max.

## COMPATIBLE TRIMS & MONOPOINTS

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

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

## LABELS AND LISTINGS

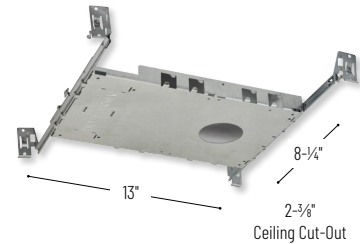
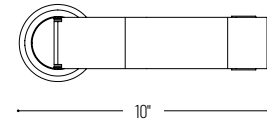
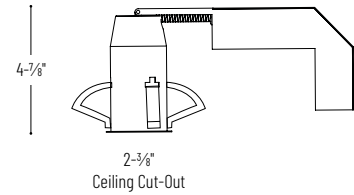
- cULus Listed for Damp Location (Wet Location when used with compatible trim)
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- RoHS Compliant
- FCC compliant
- Meets or exceeds ASTM-283 Air-Tight requirements



## PRODUCT IMAGES AND DIMENSIONS



**NHR10IC-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 reflectors

Driver / Dimming

**NHR10IC-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: **NHR10IC-16LE4** = 1" Iolite IC Air-Tight Remodel Housing, 120-277V input; Triac / ELV / 0-10V dimming