

Type	
Project	
Catalog No.	
Lamp/Wattage	

NHRIOIC-4
4" IC Air-Tight LED Iolite Series
Dedicated Remodel Housing

Source: LED min

PRODUCT DESCRIPTION

Dedicated remodel housing for use in insulated ceilings can be in direct contact with thermal insulation. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

FEATURES

- IC rated for direct contact with insulation
- Quick connect provided for electrical connection to the LED Trim
- ASTM E283 for Air-Tight
- Energy Star
- Title 24
- Economical 2-wire dimming down to 5%
- Save 75% compared to incandescent sources
- 50,000 hours at 70% lumen maintenance rated life
- No harmful ultra violet light, infrared wavelengths, or light leak
- RoHS Compliant

CONSTRUCTION

Housing

0.040 aluminum housing adjusts to a maximum ceiling thickness of 5/8" (16mm). Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with j-box and ballast. Integral springs 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; no minimum clearance is required.

Mounting

Four high tension tempered steel springs secure remodel housing to 5/8" thick (max) ceiling (Hole cutout template provided for convenience).

Junction Box

Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" 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. Through branch circuit wiring, (4-in, 4-out).

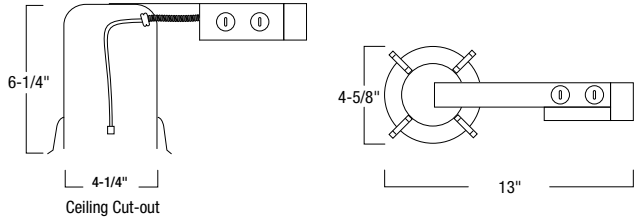
Trim - Ordered Separately

Self flanged aluminum spun baffle or reflector with deep set diffused lens for excellent visual comfort while provided high lumen output. Available in three color temperatures, 2700K, 3000K and 4000K, to accommodate different appearances. 4 inch housings include Retrofit Trims.

Electrical

- Dimmable - 120V
- Frequency - 60Hz
- Voltage input - 120V
- Operating Temp - 0-50°C
- Wattage: 14W
- AMP: 350mA

DIMENSIONS



Housing Length:	13"
Housing Width:	4-5/8"
Housing Height:	6-1/4"
Cut-out:	4-1/4"

Dimming

- Triac dimming
- ELV dimming

Labels and Listings

- cULus for Wet Location
- WSEC ASTM E283 for Air-Tight
- Energy Star
- RoHS Compliant
- 5 Year Limited Warranty
- Conforms to IESNA LM-79 and LM-80

Housing

NHRIOIC-48LE3: 4" Iolite IC Air Tight Dedicated Remodel Housing, 120V