

NHRI0IC-16LE4 1" IC Air-Tight LED Iolite Series Dedicated Remodel Housing

Source: 11W LED

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
- 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

0.030 steel can connects to integrated 0.040 steel structural arm with J-box and driver compartment. Integral spring 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

Three 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

Prewired 0.040 thick steel box shared with the driver compartment, one 0.88" knockout and screw in cover. All leads are #18AWG wire, the ground wire is connected to the housing, and wire nuts are supplied on all leads. Can NOT daisy chain.

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.

Electronic

Thermally protected, single tap input voltage available in 120V 60Hz.

Operating Ambient Temperature: 122°F (50°C) Max.

Power Factor: >0.90

Amp: 250mA

Volt 120 - 277V as specified

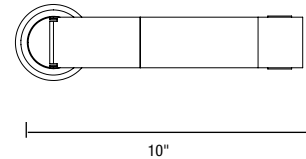
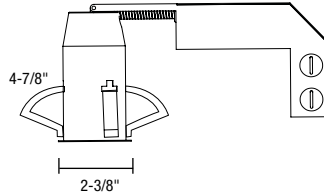
Power Consumption 11W

DIMMING:

Triac dimmer (Only at 120VAC)

0-10V dimmer

ELV dimmer



Housing Length: 10"
Housing Height: 4-7/8"
Cut-out: 2-3/8"

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

NHRI0IC-16LE4: 1" Iolite IC Air Tight Dedicated Remodel Housing, 120-277V