

**NHIOICD-1**  
**IC Air-Tight LED Housing for 1" IOLITE**

Source: LED

**PRODUCT DESCRIPTION**

New construction housing for use in insulated ceilings can be in direct contact with thermal insulation. Rated for use with iolite series fixtures.

**CONSTRUCTION**

**Housing**

0.040" Aluminum shallow housing constructed of Aluminum with integral bar hangers

**Air Flow Restriction**

Meets requirements of Air tight (AT) <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Bar Hangers**

Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on housing. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

**Junction Box**

Prewired 25 cubic inch 0.064" thick galvanized steel, with seven 1/2" 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). Access above ceiling required.

**ELECTRICAL**

**Electronic**

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

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

Power Factor: >0.90

Amp: 220 mA - 250mA

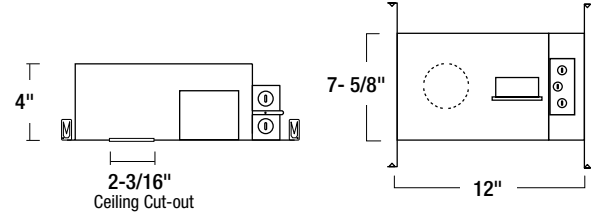
Voltage: 120 or 277V as specified

Wattage: 9-11W

**DIMMING**

LE3 - 120V Triac dimmer

LE4 - 120V 0-10V / 277V 0-10V dimmer



Housing Length:	12"
Housing Width:	7-5/8"
Housing Height:	4"
Cut-out:	2-3/16"

**Labels and Listings**

cULus for Wet Location

Meets or exceeds ASTM-283 Air-Tight Requirements

Washington State and California Approved



**Housings (Compatible with NIO-1 Series Trims)**

**NHIOICD-16LE3:** 1" Iolite IC Air-Tight LED Dedicated Housing, (120V Triac / ELV Dimming)

**NHIOICD-16LE4:** 1" Iolite IC Air-Tight LED Dedicated Housing, (120V Triac / ELV or 0-10V / 277V 0-10V Dimming)