

NHIOICD-4
IC Air-Tight LED Housing for 4" 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).

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: 300mA - 330mA, 350mA MAX

Volt: 120 or 277V as specified

Wattage: 13-14W

DIMMING

LE3 - 120V Triac dimmer

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

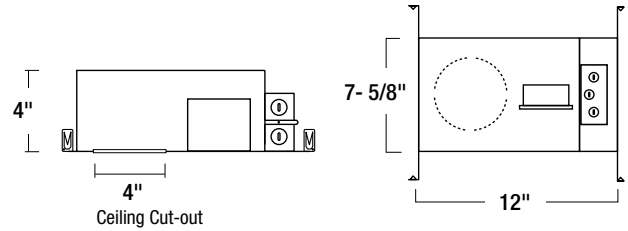
Type

Project

Catalog No.

Lamp/Wattage

DIMENSIONS



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

Labels and Listings

cULus for Wet Location

Meets or exceeds ASTM-283 Air-Tight Requirements

Washington State and California Approved

Housings (Compatible with NIO-4 Series Trims)

NHIOICD-48LE3: 4" Iolite IC Air-Tight LED Dedicated Housing (120V Triac / ELV Dimming)

NHIOICD-48LE4: 4" Iolite IC Air-Tight LED Dedicated Housing (120V Triac / ELV or 0-10V / 277V 0-10V Dimming)