

NHRIC-6LMRAT

6" IC Air-Tight LED Diamond/Cobalt/Opal Series

Dedicated Remodel Housing

Source: 11-16.6W 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. Each LED Diamond/Cobalt/Opal Series Housing requires a Nora Lighting LED Diamond/Cobalt/Opal Series Trim.

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 Rated
- Exceeds California Title 24 high efficacy requirements
- cULus Listed for Damp Location and Feed Through
- cULus Listed for Wet Location and Feed Through (with NLEDC-671 or NLEDC-672)
- 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 steel housing adjusts to maximum ceiling thickness of 1-5/8" (41mm). Housings terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of 0.050 structural steel connects housing with junction box. Fixture may be installed in areas where it will have direct contact with thermal insulation.

Clearance

"IC" Insulated Ceiling housings are direct contact rated; no minimum clearance is required.

Mounting

Four high tensions springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-5/8" (41mm).

Air Flow Restriction

Meets ASTM E283 Air-Tight Requirements.

ELECTRICAL

Junction Box

Plaster frame integrated 15 cubic inch 0.064" thick galvanized steel, with seven 1/2" NPT knockouts, four Romex® pryouts, and snap on covers. Electrical connections are made through junction box wrap. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. Green wire provided installs with ground wire fed through PVC pipe conduit.

Thermal Protector

Standard UL thermal protector rated for 90°C is affixed to inner top surface of housing.

Compatible with:

NLEDC - Diamond Series
NLCBC - Cobalt Series
NLOP - Opal Series

Optional Dimming

See compatible Diamond/Cobalt/Opal for compatible dimmers

NORALIGHTING.

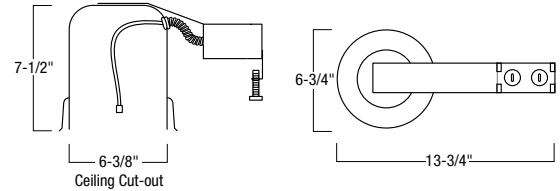
Type

Project

Catalog No.

Lamp/Wattage

DIMENSIONS



Cut-out: 6-3/8"

ID: 6"

OD: 7-1/8"

Housing Length: 13-3/4"

Housing Width: 6-3/4"

Housing Height: 7-1/2"

Labels and Listings

Title 24 Compliant

cULus Listed for Damp Location & Feed Through

cULus Listed for Wet Location & Feed Through (w/ NLEDC-671 or NLEDC-672)

WSEC ASTM E283 for Air-Tight

Energy Star Rated

RoHS Compliant

Housing

NHRIC-6LMRAT: 6" IC Air Tight Dedicated Remodel Housing

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