

Type _____

Project _____

Catalog No. _____

Lamp/Wattage _____

NHRIC-5LMRAT**5" IC Air-Tight LED Diamond/Onyx/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/Onyx/Cobalt/Opal Series Housing requires a Nora Lighting LED Diamond/Onyx/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-571 or NLEDC-572)
- Available with 277V Step-down transformer
- Can be prewired for 0-10V dimming

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 1-1/2" (39mm).

Air Flow Restriction

Meets ASTM E283 Air-Tight Requirements.

ELECTRICAL**Junction Box**

11 cubic inch 0.060" 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

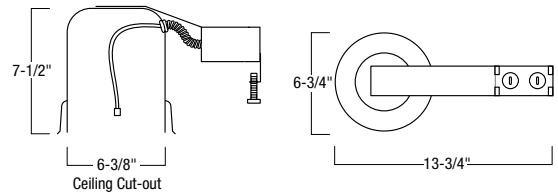
Standard UL thermal protector rated for 90°C is affixed to inner top surface of housing.

Compatible with:

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

Dimming:

See compatible Diamond/Onyx/Cobalt/Opal for compatible dimmers

DIMENSIONS

Cut-out: 5-5/8"
ID: 5"
OD: 5-1/2"

Housing Length: 13"
Housing Width: 6-1/4"
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-571 or NLEDC-572)
WSEC ASTM E283 for Air-Tight
Energy Star Rated
RoHS Compliant

**Housing**

NHRIC-5LMRAT: 5" IC Air Tight Dedicated Remodel Housing

NHRIC-5LMRAT/6W: 5" IC Air Tight Remodel Housing Pre-wired for 0-10V dimming Cobalt Series