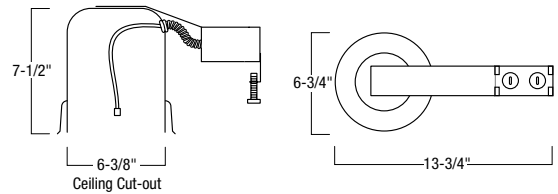


Type \_\_\_\_\_

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

**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

**Housing**

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