

Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Lamp/Wattage \_\_\_\_\_

**NHRIC-4LMRAT****4" IC Air-Tight LED Diamond/Onyx/Cobalt 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 Series Housing requires a Nora Lighting LED Diamond/Onyx/Cobalt 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
- Available with 277V Step-down transformer
- Can be prewired for 0-10V dimming

**CONSTRUCTION****Housing**

0.040 aluminum housing adjusts to a maximum ceiling thickness of 5/8" (16mm). Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with j-box and ballast. Integral springs brackets provided.

**Air Flow Restriction**

Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Clearance**

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

**Mounting**

Four high tension tempered steel springs secure remodel housing to 5/8" thick (max) ceiling (Hole cutout template provided for convenience).

**Junction Box**

Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" 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).

**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  
NOX - Onyx Series

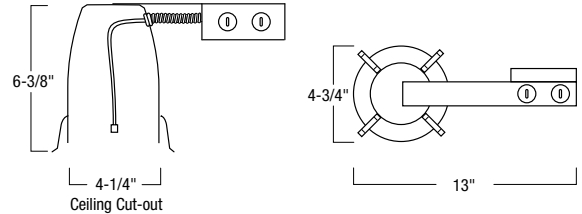
**Dimming**

See compatible Diamond/Onyx/Cobalt for compatible dimmers.

**Housing**

NHRIC-4LMRAT: 4" IC Air Tight Dedicated Remodel Housing

NHRIC-4LMRAT/6W: 4" IC Air Tight Remodel Housing Pre-wired for 0-10V dimming Cobalt Series

**DIMENSIONS**

Cut-out: 4-1/4"  
ID: 4"

Housing Length: 13"  
Housing Width: 4-3/4"  
Housing Height: 6-3/8"

**EMERGENCY**

90-minute battery back up must be ordered separately and installed apart from the housing in an accessible location.

**Labels and Listings**

Title 24 Compliant  
cULus Listed for Damp Location & Feed Through  
WSEC ASTM E283 for Air-Tight  
Energy Star Rated  
RoHS Compliant

