

# NHRIC-928LMRAT

## 6" Super Sloped IC Air-Tight LED Dedicated Remodel Housing

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Remodel housing for use in existing sheet rock ceilings with pitches ranging from 7/12 (30°) to 12/12 (45°). Air-tight housing additionally reduces energy costs by decreasing the flow of air escaping through the ceiling. Rated for direct contact with insulation and adjacent ceiling structures.

### FEATURES

- IC Air-Tight energy saving by reducing the flow of air through the ceiling
- Rated for direct contact with insulation
- cULus listed for damp location and through branch circuit wiring
- Quick connect provided for electrical connection to the LED reflectors
- Installation-ready for existing sheet rock ceilings
- Accommodates ceiling pitches from 7/12 to 12/12

### CONSTRUCTION

**Housing:** 0.040 aluminum housing terminates at a ¼" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with junction box. Integral spring 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. Not to be used in direct contact with spray foam insulation.

**Mounting:** High tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thicknesses from 5/8" to ¾".

**Junction Box:** Prewired 15 cubic inch 0.064" thick galvanized steel with four ½" trade size knockouts, one ¾" trade size knockout, 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. Maximum of 6 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

### ELECTRICAL

**Input Voltage:** 120/277V

**Socket:** Quick connect for LED luminaires

**Operating Temperature:** 122°F (50°C) max.

**Dimming:** Specified by luminaire

### COMPATIBILITY

[NLR5-6S11](#) - Super Sloped Retrofit Reflector

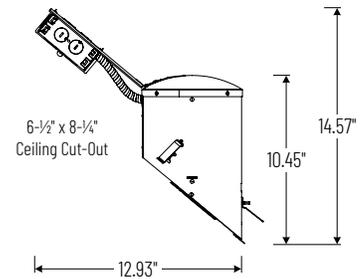
[NLR5-6S12](#) - Super Sloped Retrofit Baffle

### LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with designated trims)
- Meets or exceeds ASTM-283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2022 (when used with compatible downlight)



### PRODUCT IMAGES & DIMENSIONS



## 6" Super Slope IC Air-Tight LED Dedicated Remodel Housing

Housing Type

**NHRIC-928LMRAT** = 6" Super Slope LED Dedicated IC Air-Tight Housing, 120/277V input (120V Triac/ELV dimming)

Example: **NHRIC-928LMRAT** = 6" Super Slope IC Air-Tight LED Dedicated Remodel Housing, 120/277V input