

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

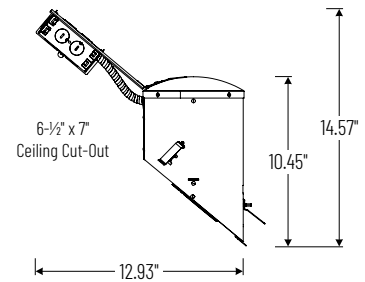
[NLR5-6S11](#) - Super Sloped Retrofit Reflector

[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