

NSIC-401QAT

4" IC Air-Tight Line Voltage New Construction Housing

Source: 50W R/PAR20 max.

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

New construction housing for use in insulated ceilings can be in direct contact with insulation. Air-tight construction provides energy savings by reducing the flow of air through the ceiling. The housing is labeled for use with Nora 4" line voltage trims and compatible with all LED retrofits.

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
- 24-1/2" Bar hangers with captive nails and alignment foot
- Accommodates 1-3/8" maximum ceiling thickness

CONSTRUCTION

Plastic Frame: 0.040 steel frame with integral bar hanger brackets.

Housing: 0.035 white baked enamel one-piece drawn steel. Accommodates ceiling thickness from 5/8" to 1-3/8".

Minimum Clearance: IC rated for direct contact with thermal insulation. Not to be used in direct contact with spray foam insulation.

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.

Socket: Galvanized steel socket plate adjusts inside housing for optimum light performance. Contains a single medium base socket. Protective cap included to protect socket interior during ceiling painting. Socket plate can be removed in the field to convert to a floating socket.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Hanger bars have T-Bar slot and alignment feet. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allows easy installation in a suspended ceiling.

Junction Box: Prewired 25 cubic inch 0.060" thick galvanized steel, with seven 1/2" 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).

Quick Connect Feature: Housing contains three UL approved quick connections that allow insertion of 1/4" stripped solid or tinned standard conductors to be inserted into the connector. Connectors are pre-attached to fixture power, common, and ground circuits.

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

ELECTRICAL









Input Voltage: 120V

Socket: Medium base


Lamp: R/PAR20

Wattage: 50W max. (available in wattage reduced 12W or 20W max.)

COMPATIBLE TRIMS

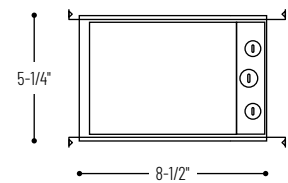
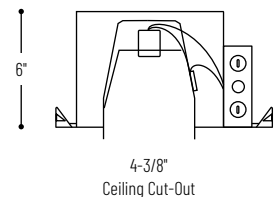
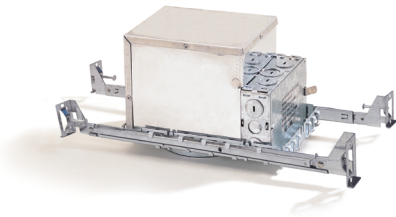
| CATALOG NO. | DESCRIPTION |
|---|--|
| NS-12 | 4" Round Adjustable Gimbale |
| NS-18 | 4" Round Adjustable Eyeball |
| NS-22  | 4" Round Albalite Lensed Trim |
| NS-23  | 4" Round Fresnel Lensed Trim |
| NS-24  | 4" Round Drop Opal Lensed Trim |
| NS-25  | 4" Round Frosted Dome Lensed Trim |
| NS-26  | 4" Round Frosted Flat Lensed Trim |
| NS-27  | 4" Round Frosted Flat Lens w/ Clear Center |
| NS-38 | 4" Round Reflector for Decorative Glass |
| NS-40 | 4" Baffle |
| NS-40P | 4" Phenolic Baffle |
| NS-41 | 4" Black Baffle |
| NS-41P | 4" Black Phenolic Baffle |
| NS-42 | 4" Gold Reflector |
| NS-43 | 4" Black Reflector |
| NS-44 | 4" Clear Reflector |
| NS-44HZ | 4" Haze Reflector |
| NS-45 | 4" Round Trim with 1" Round Pinhole |
| NS-46 | 4" White Reflector |
| NS-47 | 4" Round Adjustable Slot Aperture |
| NS-48 | 4" Wall Wash with Baffle |
| NS-4855 | 4" Square Trim with 2" Square Pinhole |
| NS-4857 | 4" Square Reflector with Square Aperture |
| NS-4910 | 4" Square Baffle |
| NS-4912 | 4" Square Adjustable Gimbale |
| NS-4914 | 4" Square Reflector with Round Aperture |
| NS-4926  | 4" Square Frosted Flat Lensed Trim |
| NS-50 | 4" Wall Wash with Reflector |
| NS-52 | 4" Natural Metal Reflector |
| NS-53 | 4" Copper Reflector |
| NS-53BZ | 4" Bronze Reflector |
| NS-76  | 4" Round Lensless Baffle Shower Trim |

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



PRODUCT IMAGES & DIMENSIONS



4" IC Air-Tight Line Voltage New Construction Housing

Housing Type

NSIC-401QAT: 4" IC Air-Tight Line Voltage New Construction Housing, labeled at 50W max.

NSIC-401QAT/12: 4" IC Air-Tight Line Voltage New Construction Housing, labeled at 12W max.

NSIC-401QAT/20: 4" IC Air-Tight Line Voltage New Construction Housing, labeled at 20W max.

Example: **NSIC-401QAT** = 4" IC Air-Tight Line Voltage New Construction Housing