

NS-401QAT/IC

4" IC Air-Tight Line Voltage New Construction Housing

Source: 15W max.

Type	
Project	
Catalog No.	
Notes	

PRODUCT DESCRIPTION

Dedicated new construction housing for use in insulated ceilings can be in direct contact with insulation.* Airtight 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 Airtight 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
- Romex strain relief for cheaper installation and materials
- Hinged junction box door for quick and easy installation
- 24-1/2" Bar hangers with captive nails and alignment foot
- Accommodates 1" 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".

Clearance: "IC" Insulated ceiling housings are direct contact rated. **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 to ASTM E283.

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.

ELECTRICAL

Input Voltage: 120V
Socket: Medium base
Lamp: R/PAR20
Wattage: 15W max.

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel box with six 1/2" trade size knockouts and hinged junction box door. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

Romex Strain Relief: Junction box includes two Romex tabs with two slots at each tab for NM-cables of 12/2 to 14/2. The strain relief allows for easy installation and less materials.

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 sidewall of housing.

COMPATIBLE TRIMS

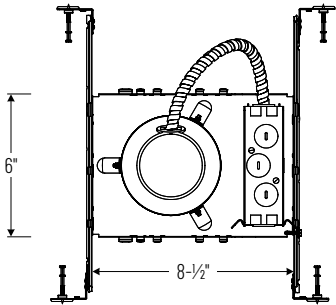
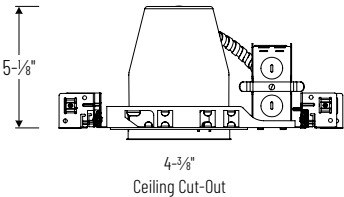
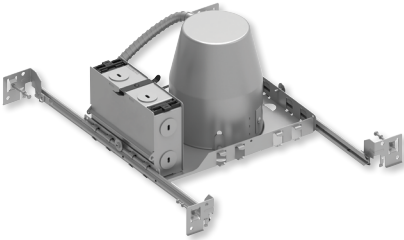
CATALOG NO.	DESCRIPTION
NS-18	4" Round Adjustable Eyeball
NS-22 	4" Round Albalite Lensed Trim
NS-26 	4" Round Frosted Flat Lensed Trim
NS-40	4" Baffle
NS-40P	4" Phenolic Baffle
NS-41	4" Black Baffle
NS-44	4" Specular Clear Reflector
NS-44HZ	4" Haze Reflector
NS-46	4" White Reflector

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through  Wet Location when used with designated trims)
- Airtight in accordance to ASTM E283



PRODUCT IMAGES & DIMENSIONS



4" IC Airtight Line Voltage New Construction Housing

Housing Type
 NS-401QAT/IC: 4" IC Airtight Line Voltage New Construction Housing, labeled for 15W

Example: **NS-401QAT/IC** = 4" IC Airtight Line Voltage New Construction Housing