

# NSR-4040AT

## 4" Non-IC Air-Tight Line Voltage Remodel Housing

Source: 50W R/PAR20 max.

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Remodel housing for use in existing sheet rock, where insulation can be kept 3" from fixtures. 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

- Air-Tight energy saving by reducing the flow of air through the ceiling
- Internal thermal protection
- cULus listed for damp location and through branch circuit wiring
- Quick connect provided
- Installation-ready for existing sheet rock ceilings
- Accommodates 1-3/8" maximum ceiling thickness

### CONSTRUCTION

**Housing:** 0.050 white baked enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from 3/8" to 1-3/8". Housing terminates at 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of 0.050 structural steel connects housing with junction box.

**Minimum Clearance:** Non-IC housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

**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.

**Mounting:** Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-3/8".

**Junction Box:** Prewired 15 cubic inch 0.060" thick galvanized steel, with six 1/2" knockouts and four Romex® pryouts. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. 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.

**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.

(Consult factory for lower wattage label)

### COMPATIBLE TRIMS

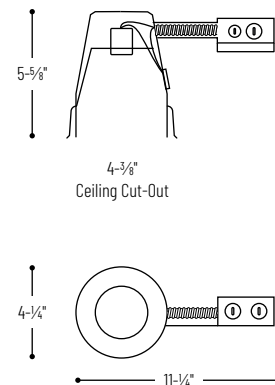
CATALOG NO.	DESCRIPTION
<a href="#">NS-12</a>	4" Round Adjustable Gimbal
<a href="#">NS-18</a>	4" Round Adjustable Eyeball
<a href="#">NS-22</a> 	4" Round Albalite Lensed Trim
<a href="#">NS-23</a> 	4" Round Fresnel Lensed Trim
<a href="#">NS-24</a> 	4" Round Drop Opal Lensed Trim
<a href="#">NS-25</a> 	4" Round Frosted Dome Lensed Trim
<a href="#">NS-26</a> 	4" Round Frosted Flat Lensed Trim
<a href="#">NS-27</a> 	4" Round Frosted Flat Lens w/ Clear Center
<a href="#">NS-40</a>	4" Baffle
<a href="#">NS-40P</a>	4" Phenolic Baffle
<a href="#">NS-41</a>	4" Black Baffle
<a href="#">NS-41P</a>	4" Black Phenolic Baffle
<a href="#">NS-42</a>	4" Gold Reflector
<a href="#">NS-43</a>	4" Black Reflector
<a href="#">NS-44</a>	4" Clear Reflector
<a href="#">NS-44HZ</a>	4" Haze Reflector
<a href="#">NS-45</a>	4" Round Trim with 1" Round Pinhole
<a href="#">NS-46</a>	4" White Reflector
<a href="#">NS-47</a>	4" Round Adjustable Slot Aperture
<a href="#">NS-48</a>	4" Wall Wash with Baffle
<a href="#">NS-4855</a>	4" Square Trim with 2" Square Pinhole
<a href="#">NS-4857</a>	4" Square Reflector with Square Aperture
<a href="#">NS-4910</a>	4" Square Baffle
<a href="#">NS-4912</a>	4" Square Adjustable Gimbal
<a href="#">NS-4914</a>	4" Square Reflector with Round Aperture
<a href="#">NS-4926</a> 	4" Square Frosted Flat Lensed Trim
<a href="#">NS-50</a>	4" Wall Wash with Reflector
<a href="#">NS-52</a>	4" Natural Metal Reflector
<a href="#">NS-53</a>	4" Copper Reflector
<a href="#">NS-53BZ</a>	4" Bronze Reflector
<a href="#">NS-76</a> 	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" Non-IC Air-Tight Line Voltage Remodel Housing

Housing Type

**NSR-4040AT:** 4" Non-IC Air-Tight Line Voltage Remodel Housing, labeled at 50W max.

**NSR-4040AT/XX:** 4" Non-IC Air-Tight Line Voltage Remodel Housing, labeled at lower wattage ([Consult Factory](#))

Example: **NSR-4040AT** = 4" Non-IC Air-Tight Line Voltage Remodel Housing