

Type _____
 Project _____
 Catalog No. _____
 Lamp/Wattage _____

NHIC-4G24AT
4" IC Air-Tight GU24 New Construction Housing

Source: 13-18W GU24 CFL Max. (Varies with trim)

PRODUCT DESCRIPTION

New construction housing for use in insulated ceilings can be in direct contact with thermal insulation and meets air-tight (AT) standards. Housing is supplied with a single GU24 compact fluorescent socket, allowing the end-user to select lamp wattages between 13W and 18W self ballasted GU24 based lamp. Rated for use with one compact fluorescent GU24 spiral or reflector lamp.

FEATURES

- Economic solution for energy efficient compact fluorescent
- Self ballasted lamp - available in Spiral or R30 shapes
- 75% Energy Savings over Incandescent
- Long lamp life - up to 10,000 hours
- Lamp wattage can be selected at the convenience of the end user
- Rated for direct contact with insulation
- 24-1/2" Bar hangers with captive nails and alignment foot
- Accommodates 7/8" maximum ceiling thickness

CONSTRUCTION

Plaster Frame

High quality 0.040 steel die cut one piece frame.

Housing

0.035 aluminum housing with riveted cap adjusts to adjust from 3/8" to a maximum ceiling thickness of 7/8". Spring brackets accept torsion wing trim springs.

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

Fixed twist & lock GU24 based socket.

Bar Hangers

Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. 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 allow for easy installation in a suspended ceiling.

Junction Box

Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" 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).

Lamp

11W LED Retrofit - (ordered separately)
 13-18W Twist & Lock Spiral GU24 max. - lamp and wattage varies with trim (ordered separately)

DIMMING

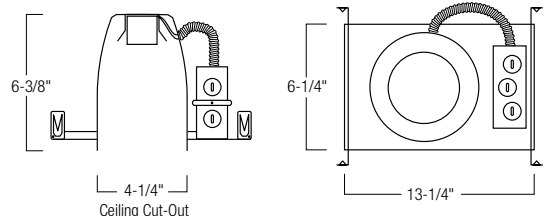
Dimming a GU24 self-ballast compact fluorescent lamp is not recommended by Nora, unless specifically stated by lamp manufacturer. **Nora's LED Retrofit is Dimmable.**

Labels and Listings

cULus Listed for Dry Location
 cULus Wet Listed (Only with designated trims)
 Meets or exceeds ASTM-283 Air-Tight Requirements
 Washington State Approved



DIMENSIONS



Cut-out: 4-1/4"
 ID: 4"

Housing Length: 13-1/4"
 Housing Width: 6-1/4"
 Housing Height: 6-3/8"

Housing

NHIC-4G24AT: 4" IC Air-Tight GU24 New Construction Housing, Fixed Socket