

NHIC-6G24ATFL

6" IC Air-Tight GU24 New Construction Housing

Source: 26W GU24 CFL Max. (Varies with trim)

Type

Project

Catalog No.

Notes

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 26W self ballasted GU24 based lamp. Rated for use with one compact fluorescent GU24 spiral or reflector lamp. Adheres to the minimum lumens to watts ratio that qualified to Energy Star.

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 1-5/8" maximum ceiling thickness

CONSTRUCTION

Plastic Frame: High quality 0.040 steel die cut one piece frame.

Housing: 0.040 aluminum housing with riveted cap adjusts to adjust from 5/8" to a maximum ceiling thickness of 1-5/8". 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: Floating twist & lock GU24 convertible socket that can be converted from fixed to floating without tools.

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 box with five 1/2", two 3/4" knockouts 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).

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.

Lamp: 12W LED Retrofit - (ordered separately)

26W Twist & Lock Spiral GU24 max. - lamp and wattage varies with trim (ordered separately)

15W Twist & Lock Reflector 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.

ELECTRICAL

Input Voltage: 120V

Socket: Medium base

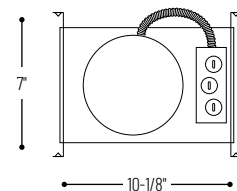
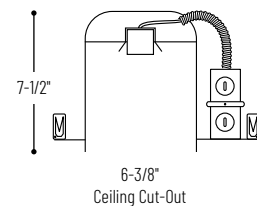
Lamp: Lamp type based on trim selection

Wattage: 150W max. (wattage varies based on trim selection)

LABELS AND LISTINGS

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

PRODUCT IMAGES & DIMENSIONS



6" IC Air-Tight GU24 New Construction Housing

Housing Type

NHIC-6G24ATFL: 6" IC Air-Tight GU24 New Construction Housing, Floating Socket

Example: **NHIC-6G24ATFL** = 6" IC Air-Tight GU24 New Construction Housing, Floating Socket