

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

NFBIC-4INCAT
4" Line Voltage Incandescent IC / Non-IC Housing
2 Hour Fire & Sound Dampening Rated

Source: 4" - 35W PAR20 Max. (Varies with trim)

PRODUCT DESCRIPTION

Specification grade fire-rated new construction housing. The double wall fixture incorporates a non-combustible fiber insulation to prevent passage of flames, toxic gases, ignitable gasses into ceiling plenums. The cULus listed housing is rated for a minimum of 2 hours protection. The noncombustible fiber fill also acts as sound deadening material eliminating the transfer of sound between floors. Suitable for commercial, multi-family and residential applications.

FEATURES

- 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 1-3/4" maximum ceiling thickness

CONSTRUCTION

Plaster Frame

High quality 0.03" steel die cut one piece frame.

Housing

Die formed 20 guage galvanized steel construction. Housing interior is comprised of a flexible non-combustible 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

Porcelain medium base socket with nickel plated screw shell is pre-wired with 18 guage leads junction box. Socket is adjustable and installs to new trims equipped with socket brackets. Utilizes one 120V incandescent medium base lamp (4"=35W max, 5"=75W max, 6"=90W max). Protective cap included to protect socket interior during ceiling painting.

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 0.03" 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.

Installation

Number of luminaries not to exceed the ratio, one per 25sq ft of the total ceiling area, with minimum separation of 3ft between luminaires.

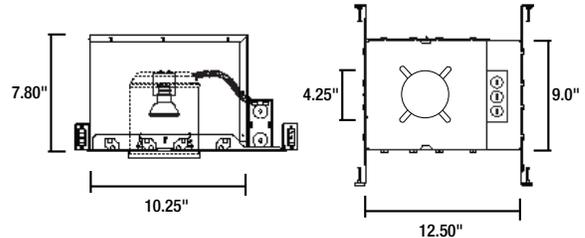
Lamp

NFBIC-4INCAT: 35W max. - lamp and wattage varies with trim (ordered separately)

Labels and Listings

UL Classified. Two Hour Fire Rating
 cULus Listed for Damp Location w/ Feed Through
 cULus Wet Listed (Only with designated trims)
 Meets or exceeds ASTM-283 Air-Tight Requirements
 ANSI/UL 263
 ANSI/UL 1598

DIMENSIONS



Trim Options

Item No.	Description
NS-12BZ	4" Trim, Bronze Surface Gimbal Ring
NS-12CO	4" Trim, Copper Surface Gimbal Ring
NS-12N	4" Trim, Natural Metal Surface Gimbal Ring
NS-12W	4" Trim, White Surface Gimbal Ring
NS-18	4" Trim, White Eyeball/White Trim
NS-18B	4" Trim, Black Eyeball/Black Trim
NS-18BZ	4" Trim, Bronze Eyeball/Bronze Trim
NS-18CO	4" Trim, Copper Eyeball/Copper Trim
NS-18N	4" Trim, Natural Metal Eyeball & Trim
NS-19C	4" Trim, Chrome Eyeball, Chrome Trim
NS-19G	4" Trim, Gold Eyeball, Gold Trim
NS-40A	4" Trim, White Adjustable Stepped Baffle/White Metal Ring
NS-40	4" Trim, White Stepped Baffle/White Metal Ring
NS40BZBZ	4" Trim, Bronze Stepped Baffle/Bronze Metal Ring
NS-40C	4" Trim, White Stepped Baffle/Chrome Metal Ring
NS-40CO	4" Trim, Copper Stepped Baffle/Copper Metal Ring
NS-40G	4" Trim, White Stepped Baffle/Gold Metal Ring
NS-40N	4" Trim, Natural Metal Stepped Baffle & Metal Ring
NS-41A	4" Trim, Black Adjustable Stepped Baffle/White Metal Ring
NS-41	4" Trim, Black Stepped Baffle/White Metal Ring
NS-41B	4" Trim, Black Stepped Baffle/Black Metal Ring
NS-41C	4" Trim, Black Stepped Baffle/Chrome Metal Ring
NS-41G	4" Trim, Black Stepped Baffle/Gold Metal Ring
NS-41N	4" Trim, Black Stepped Baffle/Natural Plastic Ring
NS-42	4" Trim, Specular Gold Reflector/White Metal Ring
NS-42A	4" Trim, Specular Gold Adjustable Reflector/White Metal Ring
NS-42G	4" Trim, Specular Gold Reflector/Gold Metal Ring
NS-43	4" Trim, Specular Black Reflector/White Metal Ring
NS-43A	4" Trim, Specular Black Adjustable Reflector/White Metal Ring
NS-43B	4" Trim, Specular Black Reflector/Black Metal Ring
NS-44	4" Trim, Specular Clear Reflector/White Metal Ring
NS-44A	4" Trim, Specular Clear Adjustable Reflector/White Metal Ring
NS-44C	4" Trim, Specular Clear Reflector/Chrome Metal Ring
NS-44HZ	4" Trim, Haze Reflector/White Metal Ring
NS-44N	4" Trim, Specular Clear Reflector/Natural Metal Ring
NS-46	4" Trim, Specular White Reflector/White Metal Ring
NS-46A	4" Trim, Specular White Adjustable Reflector/White Metal Ring
NS-52	4" Trim, Natural Metal Reflector/Natural Metal Ring
NS-53	4" Trim, Copper Reflector/Copper Ring
NS-53BZ	4" Trim, Bronze Reflector/Bronze Ring
NS-76B	4" Trim, Black Air-Tight Baffle Lensless Shower/White Flange
NS-76BZ	4" Trim, Bronze Air-Tight Baffle Lensless Shower/Bronze Flange
NS-76CO	4" Trim, Copper Air-Tight Baffle Lensless Shower/Copper Flange
NS-76N	4" Trim, Natural Air-Tight Baffle Lensless Shower/Natural Flange
NS-76W	4" Trim, White Air-Tight Baffle Lensless Shower/White Flange

4" Firebox Incandescent

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