

NFBIC-427LMRATA

4" Shallow Recessed LED Dedicated Fire Rated Housing - Two Hour Fire & Sound Dampening Rated

Source: 14.5W max.

(Compatible with Onyx and Pearl)

Type

Project

Catalog No.

Notes

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. cULus listed housing with two-hour fire rated classification. 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

- Only 4-13/16" tall
- Weighs 4.3 lbs
- Rated for direct contact with insulation
- cULus classified Two Hour Fire Rating
- 24-1/2" Bar hangers with captive nails & alignment feet

CONSTRUCTION

Plaster Frame: High quality 0.03" steel die cut one piece frame.

Housing: Die formed 22 gauge galvanized steel construction. Housing interior is comprised of a flexible non-combustible insulation. Housing accommodates ceiling thickness from 5/8" to 1-1/4".

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.

Clearance: "IC" Insulated ceiling housings are direct contact rated. **Not to be used in direct contact with spray foam insulation.**

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.

Installation: Classified for use in two hour fire rated L500 Series floor-ceiling designs in the UL Fire Resistance Directory. Mark Spacing, number of luminaires not to exceed the ratio, one per 25sq ft of the total ceiling area, with minimum separation of 3ft between luminaires.

ELECTRICAL

Input Voltage: 120/277VAC

Socket: Quick connect for LED downlight

Wattage: 14.5W max.

Dimming: Specified by downlight

COMPATIBLE DOWNLIGHTS

[NOX-431](#) = Onyx Round Reflector (Wet Listed)

[NOX-432](#) = Onyx Round Baffle (Wet Listed)

[NOXAC-431](#) = AC Onyx Round Reflector (Wet Listed)

[NOXAC-432](#) = AC Onyx Round Baffle (Wet Listed)

[NOXAC-436](#) = AC Onyx Square Reflector (Wet Listed)

[NOXAC-4RG](#) = AC Onyx Round Adjustable (Wet Listed)

[NOXAC-4RW](#) = AC Onyx Round Wall Wash (Wet Listed)

[NOXAC-4SW](#) = AC Onyx Square Wall Wash (Wet Listed)

[NOXTW-431](#) = Onyx TW Round Reflector (Wet Listed)

[NPR-4RC](#) = Pearl Round Adjustable Cone

[NPR-4RG](#) = Pearl Round Adjustable Gimbal

[NPR-4SC](#) = Pearl Square Adjustable Cone

[NPR-4SG](#) = Pearl Square Adjustable Gimbal

Junction Box: Prewired 0.03" thick galvanized steel, contains one 3/4" trade size knockout, one 3/8" trade size knockout, three 1/2" trade size knockouts and four Romex pryouts with strain relief 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. Maximum of 6 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

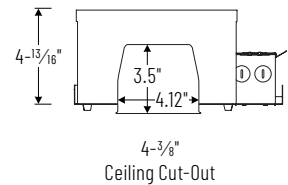
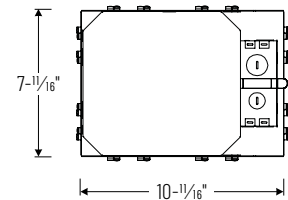
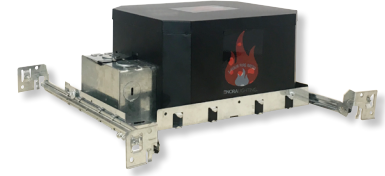
Quick Connect Feature: Housing contains three quick connections that allow insertion of 1/4" standard conductors to be inserted into the connector. Connectors are pre-attached to fixture power, common, and ground circuits.

LABELS AND LISTINGS

- cULus Classified for One and Two Hour Fire Rating
- cULus Listed for damp locations & feed through (Wet Locations when used with compatible downlights)
- Meets or exceeds ASTM E283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2022 (when used with compatible downlight)
- ANSI/UL 263
- ANSI/UL 1598



PRODUCT IMAGES & DIMENSIONS



4" Shallow Recessed LED Dedicated Fire Rated Housing

Catalog No.

NFBIC-427LMRATA = 4" Shallow Recessed LED Dedicated Fire Rated Housing, 120/277V input (120V Triac/ELV dimming)

Example: **NFBIC-427LMRATA** = 4" Shallow Recessed LED Dedicated Fire Rated Housing