

NFJB-R4

4" IC Air-Tight Junction Box Recessed Housing

Source: 12W max.

(Compatible with Pearl, AC Onyx and Slim)

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated new construction housing for use in insulated ceilings can be in direct contact with insulation.* Air-tight construction provides energy savings by reducing the flow of air through the ceiling. The housing is labeled for use with LED downlights or as an outlet box.

FEATURES

- Powder coated steel junction box meets 1 and 2 hour fire rating per international building code
- IC rated for direct contact with insulation
- Quick connect provided for electrical connection to the LED downlights
- ASTM E283 for Air-Tight
- 25-5/8" bar hangers with captive nails and alignment foot
- Accepts round or square downlights

CONSTRUCTION

Junction Box Housing: 0.08" zinc plated steel housing with red powder coating. Internal wing nut allows for installation in ceiling thicknesses from 1/2" to 1-1/2". Four 1/2" trade size knockouts and four Romex knockouts on top. Four NM-cable clamps at side for 12/2 to 14/2 NM-cables. Ground screw installed inside junction box. Maximum # of no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box depends on luminaire, see chart below.

Air Flow Restriction: Housing restricts 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 14-5/8" to 25-5/8" adjustable bar hangers with captive nails are included on housing. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

ELECTRICAL

Input Voltage: 120/277VAC

Socket: Quick connect for LED downlights

Wattage: 12W max.

Operating Temperature: 0°-25°C

Supported Weight Limit: Up to 50 lbs.

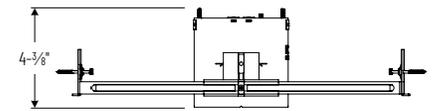
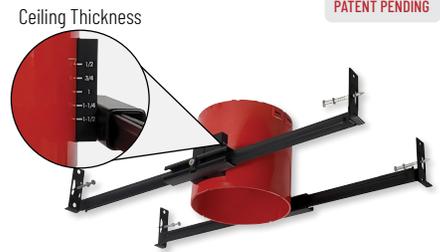
Dimming: Specified by downlight

LABELS AND LISTINGS

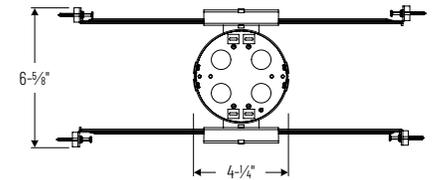
- cULus Listed for Damp Location (wet location when used with compatible downlight)
- ENERGY STAR certified
- Meets or exceeds ASTM-283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2022 (when used with compatible downlight)
- RoHS compliant
- See international building code section 714 for 1-hour and 2-hour fire rated assemblies



PRODUCT IMAGES AND DIMENSIONS



Ceiling Cut-Out: ø4.3"



COMPATIBLE LUMINAIRES

Part Number	Description	Lumens / Wattage	Through-Wire
NPR-4RC	Pearl Round Adjustable Cone	1250lm / 12W	None
NPR-4RG	Pearl Round Adjustable Gimbal	1050lm / 12W	None
NPR-4RNB	Pearl Round Bullnose	1250lm / 12W	None
NPR-4SC	Pearl Square Adjustable Cone	1250lm / 12W	None
NPR-4SG	Pearl Square Adjustable Gimbal	1050lm / 12W	None
NPR-4SNB	Pearl Square Bullnose	1250lm / 12W	None
NOXAC-4312WW	AC Onyx LED Reflector, 2700K	700lm / 10.5W	4-in / 4-out
NOXAC-43135WW	AC Onyx LED Reflector, 3500K	700lm / 10.5W	4-in / 4-out
NOXAC-43140WW	AC Onyx LED Reflector, 4000K	700lm / 10.5W	4-in / 4-out
NOXAC-43150WW	AC Onyx LED Reflector, 5000K	700lm / 10.5W	4-in / 4-out
NOXAC-431TWWW	AC Onyx LED Reflector w/ Selectable CCT	900lm / 11.5W	4-in / 4-out
NOXAC-43235WW	AC Onyx LED Baffle, 3500K	700lm / 10.5W	4-in / 4-out
NOXAC-43240WW	AC Onyx LED Baffle, 4000K	700lm / 10.5W	4-in / 4-out
NOXAC-43250WW	AC Onyx LED Baffle, 5000K	700lm / 10.5W	4-in / 4-out
NOXAC-4RGTWWW	AC Onyx LED Adjustable	800lm / 12W	4-in / 4-out
NOXAC-4RWTWWW	AC Onyx Round LED Wall Wash	800lm / 11W	4-in / 4-out
NOXAC-4SWTWWW	AC Onyx Square LED Wall Wash	700lm / 11W	4-in / 4-out
NSLIM-4RLITWMPW	Slim LED Surface Mount	800lm / 11W	4-in / 4-out

4" IC Air-Tight Junction Box Recessed Housing

Catalog No.

NFJB-R4 = 4" Junction Box Housing

Optional Cover Plate

Description

NFJB-R4CPA = Cover Plate

Example: **NFJB-R4** = 4" IC Air-Tight Junction Box Recessed Housing