

NCHR2-434

4" Sapphire II Remodel Frame-In

Source: 15W to 30W LED
900lm to 2500lm

Type	
Project	
Catalog No.	
Notes	

PRODUCT DESCRIPTION

The Sapphire II COB Series is an architectural grade LED high lumen downlight. The Sapphire II uses the latest COB technology by Cree®. The COB allows for better optic control offering 3 beam spreads. Beam spreads focus the light down to the work plane from high ceiling applications.

CONSTRUCTION

Plaster Frame: Architectural quality 0.050 galvanized steel ring riveted to 0.064 steel junction box and driver tray. Remodel frame opening includes (3) "butterfly" spring clips to hold reflector assembly in place.

Mounting: Designed for installation in existing ceilings. Three high tension tempered steel springs secure remodel housings evenly to the ceiling; hole cutout template provided for convenience. Remodel frame-in accommodates ceiling thickness from 1/2" to 1-1/4".

Minimum Clearances: Frames require a minimum of 3" from thermal insulation and 1/2" from adjacent building component.

Junction Box: Plaster frame integrated 29 cubic inch 0.064" thick galvanized steel, with seven 1/2" knockouts, four pryouts, and snap on cover. Electrical connections are made through a single junction box door. Green wire provided for installations with ground wire fed through PVC pipe conduit. Junction box connects to reflector assembly with lockable quick connect.

Thermal Protector: LE3: External thermal device is located on the junction box; LE6: Thermally protected driver

Driver: Isolated driver separates the primary side from the secondary side.

ELECTRICAL

Input Voltage: 120V or 120-277V

Lumens / Wattage: L09 = 900lm / 15W; L15 = 1500lm / 18W; L25 = 2500lm / 30W

Operating Temp.: 0°C to 45°C ambient temperature

Dimming: Triac, ELV or 0-10V dimming

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE REFLECTORS

CATALOG NO.	DESCRIPTION
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NC2-431	4" Open Reflector
NC2-436	4" Wall Wash Reflector
NC2-438	4" Decorative Glass Reflector

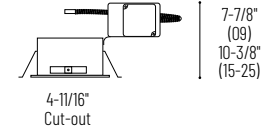
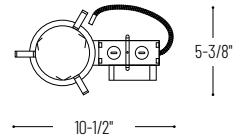
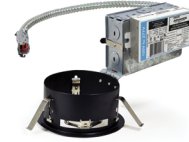
Emergency: Housing can be specified with connections for emergency battery installation. Requires top access. Must specify battery with remote test switch separately, NEPK-07LEDUNV.

LABELS AND LISTINGS

- cULus Listed for Damp Location (Wet Location when used with compatible reflector)
- [5-Year Limited Warranty](#)
- RoHS Compliant
- Emergency LED Driver meets Title 20 CEC efficiency standards



PRODUCT IMAGES AND DIMENSIONS



4" Sapphire II Remodel Frame-In - Compatible with Sapphire II Reflectors

Lumens / Wattage	Driver
■ NCHR2-434/09 = 900lm / 15W	■ LE3 = 120V Input; Triac/ELV/0-10V dimming
■ NCHR2-434/15 = 1500lm / 18W	■ LE6 = 120-277V Input; 0-10V dimming
■ NCHR2-434/25 = 2500lm / 30W	

Optional Accessories

Description
■ NEPK-07LEDUNV = Remote Emergency Battery w/Test Switch

Example: NCHR2-434/15LE6 = 4" Sapphire II Remodel Frame-In, 1500lm / 18W, 120-277V Input