

NCHR-434

6" Sapphire I Comfort Dim Remodel Frame-Ins

Source: 11W to 25W LED

850lm to 2000lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Architectural grade LED downlights featuring deep cone reflectors. The Sapphire series is available in 4", 6" or 8" apertures and also in new construction or remodel frame-ins.

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: External thermal device is located on the junction box.

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

ELECTRICAL

Input Voltage: 120V or 277V

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

Lumens / Wattage: **L85** = 850lm / 11W; **L12** = 1250lm / 16W; **L20** = 2000lm / 25W

Dimming: ELV or 0-10V dimming, must specify

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

COMPATIBLE REFLECTORS

CATALOG NO. DESCRIPTION

NC-431	4" Open Reflector
NC-436	4" Wall Wash Reflector
NC-438	4" Decorative Glass Reflector

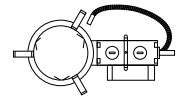
Emergency: Housing can be specified with connections for emergency battery installation. Requires top access. Must specify battery with remote test switch separately, NEPK-BSL17C-C2U.

LABELS AND LISTINGS

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

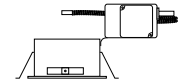


PRODUCT IMAGES AND DIMENSIONS



10-1/2"

5-3/8"



4-11/16"
Cut-out

6" max
with reflector

4" Sapphire I Comfort Dim Remodel Frame-In - Compatible with Sapphire I Comfort Dim Reflectors

Lumens / Wattage	LED Module	Driver
■ NCHR-434/85 = 850lm / 11W	■ C = Comfort Dim	■ LE1 = 120V Input; ELV (850-1250lm) / 0-10V (2000lm)
■ NCHR-434/12 = 1250lm / 16W		■ LE2 = 277V Input; 0-10V dimming
■ NCHR-434/20 = 2000lm / 25W		■ LE4 = 120V Input; ELV (2000lm) / 0-10V (850-1250lm)

Optional Accessories

Description
■ NEPK-BSL17C-C2U = Remote Emergency Battery w/Test Switch

Example: **NCHR-434/12CLE1** = 4" Sapphire I Comfort Dim Remodel Frame-In, 1250lm / 16W, 120V Input