

NCHR3-4

4" Sapphire III Remodel Frame-In

Source: 13W to 46W

900lm to 4500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

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: Phase dimming drivers require an external thermal device, which is located on the junction box; Other drivers are thermally protected.

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

ELECTRICAL	L1	L2	L3	L4	L5
Input Voltage	120VAC or 120-277VAC		120VAC or 277VAC		
Input Power	13W max.	18W max.	26W max.	38W max.	46W max.
Power Factor	≥0.90				
Dimming	Triac/ELV or 0-10V				
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 35°C	0°C to 35°C	0°C to 25°C
Compatible Reflectors	NC3-41L1 NC3-46L1 NC3-48L1	NC3-41L2 NC3-46L2 NC3-48L2	NC3-41L3 NC3-46L3 NC3-48L3	NC3-41L4 NC3-46L4 NC3-48L4	NC3-41L5

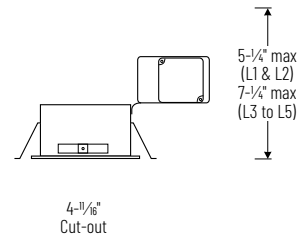
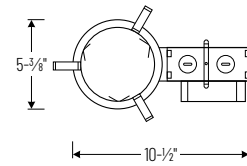
Emergency: Remodel frame-in can be wired with remote emergency driver and test switch ([NEPK-20LEDUNV](#)), requires ceiling access.

LABELS AND LISTINGS

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



PRODUCT IMAGES AND DIMENSIONS



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

Lumens / Wattage	Input Voltage / Dimming
NCHR3-4L1 = 900lm / 13W	P01 = 120V; Phase Dimming (Triac/ELV)
NCHR3-4L2 = 1500lm / 18W	C12 = 120-277V; 0-10V Dimming
NCHR3-4L3 = 2500lm / 26W	P01 = 120V; Phase Dimming (Triac/ELV)
NCHR3-4L4 = 3500lm / 38W	C01 = 120V; 0-10V Dimming
NCHR3-4L5 = 4500lm / 46W	C02 = 277V; 0-10V Dimming

Optional Accessories

Description
NEPK-20LEDUNV = Remote Emergency Battery w/Test Switch

Example: **NCHR3-4L5C02** = 4" Sapphire III Remodel Frame-In, 4500lm / 46W, 277V input; 0-10V dimming