

NCHA3-8 / NCHAIC3-8

8" Adjustable Sapphire III New Construction Housing

Source: 11W to 46W

900lm to 4500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

0.040" galvanized steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Brackets run along all sides of frame to allow bar hangers to be run parallel or perpendicular to junction box.

Housing: 0.040" aluminum housing adjusts for ceiling thicknesses from 1/2" to 1-1/4".

CLEARANCE

Non-IC: Non-Insulated housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

IC: Insulated ceiling housings are direct contact rated; no minimum clearance is required.

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.

ELECTRICAL	L1	L2	L3	L4	L5
Input Voltage	120VAC or 120-277VAC				
Input Power	11W max.	16W max.	24W 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 30°C	0°C to 25°C
Compatible Reflectors	NC3-89L1	NC3-89L2	NC3-89L3	NC3-89L4	NC3-89L5

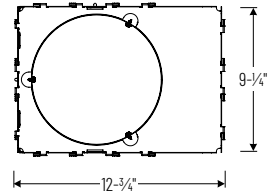
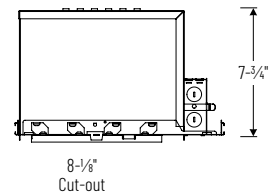
Emergency: Remodel frame-in can be wired with remote emergency driver and test switch ([NEPK-07LEDUNV](#)), requires ceiling access.

LABELS AND LISTINGS

- cULus Listed for Damp Locations
- [5-Year Limited Warranty](#)
- FCC Compliant
- Emergency LED Driver meets Title 20 CEC efficiency standards



PRODUCT IMAGES AND DIMENSIONS



8" Sapphire III Adjustable New Construction Housing - Compatible with Sapphire III Adjustable Reflector

Installation Type / Lumens / Wattage	Input Voltage / Dimming
NCHAIC3-8L1 = IC / 900lm / 11W	P01 = 120V; Phase Dimming (Triac/ELV)
NCHAIC3-8L2 = IC / 1500lm / 16W	C12 = 120-277V; 0-10V Dimming
NCHAIC3-8L3 = IC / 2500lm / 24W	
NCHA3-8L4 = Non-IC / 3500lm / 38W	
NCHA3-8L5 = Non-IC / 4500lm / 46W	

Optional Emergency

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

Example: **NCHA3-8L5C12** = 8" Sapphire III Adjustable Non-IC New Construction Housing, 4500lm / 46W, 120-277V Input; 0-10V dimming