

NCAH-430

6" Sapphire I Comfort Dim New Construction Frame-In

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. Plaster frame opening includes (3) "butterfly" spring clips to hold reflector assembly in place.

Mounting: Frame-in includes two adjustable bar hangers and universal brackets that accept flat bar hangers, C-Channel (ordered separately) or rigid 1/2" conduit. Adjustable hanger bars with captive nails, alignment foot, T-Bar slot are included on frame. Frame-in includes an adjustable deep ceiling collar that accommodates ceiling thickness from 1/2" to 2".

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 LED Driver (BSL17C-C2)

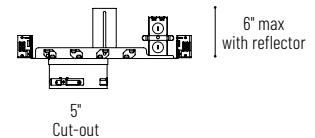
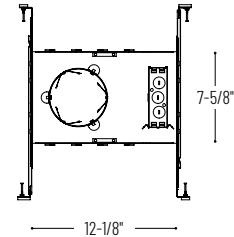
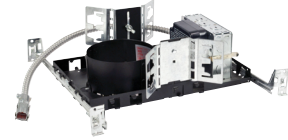
- Up to 7.5W emergency illumination with LEDs.
- Illumination Time: 90min
- Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- Available with remote or integral test switch, must specify

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



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

Lumens / Wattage	LED Module	Driver	Optional Emergency
NCAH-430/85 = 850lm / 11W	C = Comfort Dim	LE1 = 120V Input; ELV (850-1250lm) / 0-10V (2000lm)	EM = Emergency Pack w/ Remote Test Switch
NCAH-430/12 = 1250lm / 16W		LE2 = 277V Input; 0-10V dimming	EMI = Emergency Pack w/ Integral Test Switch, must specify on reflector
NCAH-430/20 = 2000lm / 25W		LE4 = 120V Input; ELV (2000lm) / 0-10V (850-1250lm)	

Example: **NCAH-430/12CLE1EM** = 4" Sapphire I Comfort Dim Universal New Construction Frame-In, 1250lm / 16W, 120V Input, Emergency with Remote Test Switch