

NS-406EL / NS-406Q

4" Vertical Non-IC Compact Fluorescent Housing

Source: 13W 2-Pin Quad

13W 4-Pin Quad/Triple Tube

PRODUCT DESCRIPTION

New construction housing for use in Non-IC ceilings, where insulation can be kept 3" from housing. Rated for use with one compact fluorescent lamp. NS-406EL adheres to the minimum lumens per watt ratio that qualifies to Energy Star Standards.

CONSTRUCTION

Mounting Frame

One piece 0.040 galvanized steel die cut frame.

Housing

0.040 steel housing with riveted cap adjusts from 5/8" to a maximum ceiling thickness of 1-5/8". Integral spring brackets provided.

Socket

One 2-pin (NS-406Q) or 4-pin (NS-406EL) fixed socket.

Bar Hangers

Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

Junction Box

Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" knockouts, four Romex® pryouts, and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

Lamp

NS-406Q: 13W 2-pin Quad Tube (ordered separately)

NS-406EL: 13W 4-pin Quad/Triple Tube (ordered separately)

BALLAST

Magnetic (NS-406Q)

Thermally protected, magnetic normal power factor, single tape input voltage 120V.

Class P, 13 Watts maximum.

Sound Rated:	A
Starting Temperature:	32°F (0°C)
THD:	<10%

Electronic (NS-406EL)

Thermally protected, electronic high power factor, universal input voltage ranging from 120V (0.15A) - 277V (0.07A), 50-60Hz with end of life protection. Class P, 13 Watts maximum.

Starting Temperature:	0°F (-18°C)
Operating Ambient Temperature:	167°F (75°C) Max.
Ballast Factor:	1.00
Power Factor:	>0.98 (120V) >.95 (277V)
THD:	<10% (120V) <15% (277V)

DIMMING

A variety of dimming ballast option are available in 13W. Each requires a dimmer or dimming module that is compatible with a dimming module.

- D10 - Universal Super Dim, 0-10 Volt - 3%, 4 Wire 120V-277V
- M7 - Advance Mark 7, 0-10 Volt - 5%, 4 Wire, 120V-277V

EMERGENCY

Emergency back-up operates one lamp for a minimum of 90 minutes. Unit includes battery, charger and test plate with indicator light. Emergency ballasts are for dry locations.

- EM - Emergency ballast with test plate, up to 650 lumens
- EM2 - Emergency ballast with test plate, up to 1300 lumens

Housings

- NS-406Q: 4" Non-IC New Construction Housing, 120V Magnetic Ballast
- NS-406EL: 4" Non-IC New Construction Housing, 120V-277V Electronic Ballast
- NS-406EL/EM: 4" Non-IC New Construction Housing, 120V-277V, Emergency Ballast (650lm) w/ Test Plate
- NS-406EL/EM2: 4" Non-IC New Construction Housing, 120V-277V, Emergency Ballast (1300lm) w/ Test Plate
- NS-406ELD10: 4" Non-IC New Construction Housing, 120V-277V 4 Wire 3% Dimming Ballast
- NS-406ELM7: 4" Non-IC New Construction Housing, 120V-277V 4 Wire 5% Dimming Ballast

NORALIGHTING.

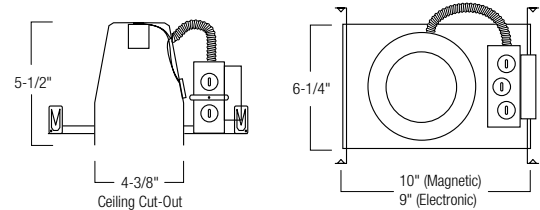
Type

Project

Catalog No.

Lamp/Wattage

DIMENSIONS



Cut-out: 4-3/8"
ID: 4"

Housing Length: 10" (Magnetic)
9" (Electronic)
Housing Width: 6-1/4"
Housing Height: 5-1/2"

Optional Accessories

FS: 2A Fuse

NRA-126: One Hour Fire Rated Enclosure

NRA-28: 27" Flat Bar Hangers

Labels and Listings

cULus Listed for Damp Location w/ Feed Through

cULus Wet Listed (Only with designated trims)

Energy Star Rated (Electronic Ballast only)



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