



NS-406 NS-406/EL 13 Watt

4" Vertical Small Aperture Compact Fluorescent 13 Watt Downlight

LAMP WATTAGE

- (1) CFT13W/GX23 (magnetic)
- (1) CFQ13W/GX23 (magnetic)
- (1) CFQ13W/GX24 (electronic)
- (1) CFM13W/GX24 (electronic)

DESCRIPTION

Four inch downlight rated for use with one 13W twin, quad, or triple compact fluorescent lamp.

FEATURES

- Standard magnetic ballast
- New electronic optional
- UL listed for through branch circuit wiring
- Ready for immediate installation to T-bar grid or joist constructions
- UL Damp Location listed
- High quality specular trim finishes
- NYC Approved: Calendar #43896

FRAME

- Plaster Frame** - High quality .032 steel die cut one piece frame.
- Housing** - One-piece drawn .045 steel housing with baked white enamel finish. Adjustable for ceiling thickness up to 1".
- Mounting** - Two bar hangers are included adjustable to 24", parallel to junction box. Note: insulation to be kept a minimum of 3" from any surface of the fixture. Frame may also be supported with aircraft structural cable for drop panel ceilings or any other application requiring direct support from a structural ceiling.

ELECTRICAL SYSTEM

1. Ballast

Magnetic - Standard Class P 120V or 277V magnetic ballast available in normal or high power factor configurations.

Sound Rating: A
Starting Temperature: 32°F (0°C)

Electronic - High Power Factor solid state ballast suitable for input voltage ranging from 110V - 277V, and 44KHz - 66KHz cycle rates. Ballasts provide automatic termination upon end of lamp life. i.e. "End of Life" protection.

Starting Temperature 0°F-18°C
Start Rating >50,000
Power Factor >0.98
Flicker <3%
THD <10%

Socket - Socket for twin/quad 2-Pin lamp and 4-Pin lamp affixed directly to housing.

Junction Box - Plaster frame integrated 25 cu. in. junction box .064 galvanized steel with four 1/2", two 3/4" knockouts, and four Romex pry-outs. Electrical connections are made through a single junction box door. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. Green wire provided for installations with ground wire fed through PVC pipe conduit.

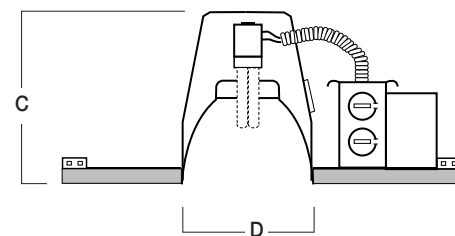
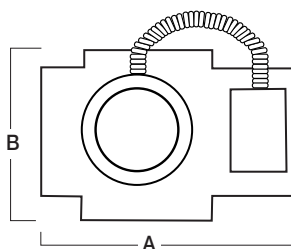


PRODUCT MATRIX

Ordering Example: **NS-406 / NS-44**

Housing	Ballast Options (choose one)	
	Magnetic 277V Input	Electronic
NS-406	/277	/EL

DIMENSIONS



A: Length	9-3/4"	(25 cm)
B: Width	6"	(152 mm)

C: Depth	5-1/2"	(140 mm)
D: Ceiling Cutout	4-3/8"	(112 mm)

TRIMS FOR MAGNETIC OR ELECTRONIC

Item No	Description	Finish	Ring Finish
NS-22	Albalite Shower	W, B, C, G	N/A
NS-24	Drop Opal	W, B, C, G	N/A
NS-40(P)	Baffle (P-Phenolic)	White	White
NS-41(P)	Baffle (P-Phenolic)	Black	White
NS-42	Reflector	Gold	White
NS-43	Reflector	Black	White
NS-44	Reflector	Chrome	White
NS-46	Reflector	White	White

TRIMS FOR ELECTRONIC TRIPLE CF ONLY

NL-495	Metropolitan Moon	BU, P, W	White
NL-496	Metropolitan Stepped	BU, P, W	White
NL-497	Metropolitan Ice Light	BU, P, W	White



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4. **UL Listed** - Approved for through-branch wiring with up to 8 #12 AWG conductors.

TRIMS

1. **Reflector** - Precision spun .040 aluminum high grade specular finish. Outer trim housing with integral ceiling finish ring.

2. **Lenses** - High grade albalite or drop opal glass lenses. Lenses are easily removed by hand without tools from below the ceiling for relamping.

3. **Installation** - Nora reflector trims are installed onto the plaster frame via "knuckle" friction springs. The reflector is installed simply by inserting straight into the ceiling opening until flush.

4. **UL Listed** - Damp location listed. Units using emergency battery option are listed for Dry Locations only.

ACCESSORIES

NEPK-13/I13A - 90 minute remote emergency battery pack for use with magnetic ballast