

Type \_\_\_\_\_  
 Project \_\_\_\_\_  
 Catalog No. \_\_\_\_\_  
 Lamp/Wattage \_\_\_\_\_

**NHPIC-18ELAT**  
**6" Vertical IC AT Compact Fluorescent Housing**

Source: 18W Quad/Triple Tube

**PRODUCT DESCRIPTION**

New construction housing for use in insulated ceilings can be in direct contact with thermal insulation. Rated for use with one quad or triple 4-pin compact fluorescent lamp. 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 aluminum housing with riveted cap adjusts from 5/8" to a maximum ceiling thickness of 1-5/8". Integral spring brackets provided.

**Air Flow Restriction**

Air tight (AT) housings have factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Socket**

One 4-pin convertible socket that can be converted from fixed to floating without tools.

**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**

18W 4-pin Quad/Triple Tube (ordered separately)

**BALLAST**

**Electronic**

Thermally protected, electronic normal power factor, single tap input voltage 120V (0.34A), 60Hz with end of life protection. Class P, 18 Watts maximum.

- Starting Temperature: 0°F (-18°C)
- Operating Ambient Temperature: 185°F (85°C) Max.
- Ballast Factor: 1.05
- Power Factor: >0.50
- THD: <150%

**DIMMING**

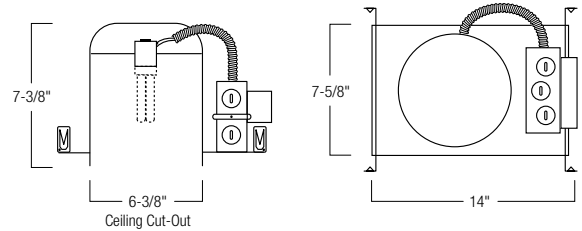
A variety of dimming ballast option are available in 18W. Each requires a dimmer or dimming module that is compatible with a dimming ballast.

- D10 - Universal SuperDim, 0-10 Volt - 3%, 4 Wire, 120V-277V
- M7 - Advance Mark 7, 0-10 Volt - 5%, 4 Wire, 120V-277V
- MX1 - Advance Mark 10 Powerline - 5%, 2 Wire, 120V
- MX2 - Advance Mark 10 Powerline - 5%, 2 Wire, 277V
- L51 - Lutron Compact SE 5%, 3 Wire, 120V
- L52 - Lutron Compact SE 5%, 3 Wire, 277V
- L11 - Lutron Hi-Lume 1%, 3 Wire, 120V
- L12 - Lutron Hi-Lume 1%, 3 Wire, 120V

**Housings**

- NHPIC-18ELAT: 6" IC Air-Tight Housing, 120V
- NHPIC-18ELAT/EM: 6" IC Air-Tight Housing, 120V, Emergency Ballast (650lm) w/ Test Plate
- NHPIC-18ELATEM2: 6" IC Air-Tight Housing, 120V, Emergency Ballast (1300lm) w/ Test Plate
- NHPIC-18ELATEMI: 6" IC AT Housing, 120V, Emergency Ballast (650lm) w/ Intergral Test Switch
- NHPIC-18ELATD10: 6" IC Air-Tight Housing, 120V-277V 4 Wire 3% Dimming Ballast
- NHPIC-18ELATM7: 6" IC Air-Tight Housing, 120V-277V 4 Wire 5% Dimming Ballast
- NHPIC-18ATMX1: 6" IC Air-Tight Housing, 120V 2 Wire 5% Dimming Ballast
- NHPIC-18ATMX2: 6" IC Air-Tight Housing, 277V 2 Wire 5% Dimming Ballast
- NHPIC-18ATL51: 6" IC Air-Tight Housing, 120V 3 Wire 5% Dimming Ballast
- NHPIC-18ATL52: 6" IC Air-Tight Housing, 277V 3 Wire 5% Dimming Ballast
- NHPIC-18ATL11: 6" IC Air-Tight Housing, 120V 3 Wire 1% Dimming Ballast
- NHPIC-18ATL12: 6" IC Air-Tight Housing, 277V 3 Wire 1% Dimming Ballast

**DIMENSIONS**



Cut-out: 6-3/8"  
 ID: 6"

Housing Length: 14"  
 Housing Width: 7-5/8"  
 Housing Height: 7-3/8"

**EMERGENCY**

Emergency back-up operates one lamp for a minimum of 90 minutes. Unit includes battery, charger and test plate with indicator light or integral test switch (EMI). 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
- EMI - Emergency ballast with integral test switch, up to 650 lumens

Note: EMI is only compatible with trims:

- NTA-101/2PL, NTA-102/2PL, NTA-103/2PL, NTA-86/2PL, NTA-87/2PL,
- NTA-88/2PL, NTA-89/2PL, NTA-96/2PL, NTA-97/2PL, NTA-98/2PL,
- NTA-99/2PL, NTS-30, NTS-31, NTS-32, NTS-33.

**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
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Washington State Approved
- State of California Title 24

