

# NHPIC Economy Title 24 Airtight Series

## 6" Vertical Double Wall Housing with Reflector Trim

Quad/Triple Compact Fluorescent

**NORALIGHTING®**

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

**PRODUCT DESCRIPTION**

New Construction designed for use in insulated ceilings, can be in direct compact with thermal insulation and meets air tight (AT) standards. Uses electric compact fluorescent ballast to meet stringent energy requirements. The six-inch downlight is rated for use with one quad or triple 4-pin vertically configured compact fluorescent lamp. A wide choice of trims is available.

**CONSTRUCTION**

**Mounting Frame**

One piece 0.050 galvanized steel die cut frame.

**Housing**

Inner housing is 0.040 steel housing adjusts from 5/8" (Min) to a maximum ceiling thickness of 1-5/8". Integral spring brackets remain flush with housing. Outer housing restricts airflow from room into ceiling plenum to <2 CFM (cubic feet per minute) in accordance with Washington State Energy Code requirements.

**Socket Plate**

Galvanized steel socket plate adjust inside housing for optimum light performance. One 4-pin push in socket.

**Bar Hangers**

Two 13-3/4" to 24" adjustable bar hangers with nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. Bar hanger foot contoured 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 .064" thick galvanized steel, with seven 7/8" knockout, 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**

One quad or triple tube lamp 13-42W ordered separately.

**Ballast**

Thermally protected, electronic high power factor, single tap input voltage ranging from 110V – 277V, 0.358 Ampere - 0.1552 Ampere, 50/60Hz with end of life protection. Class P, 42 Watts maximum.

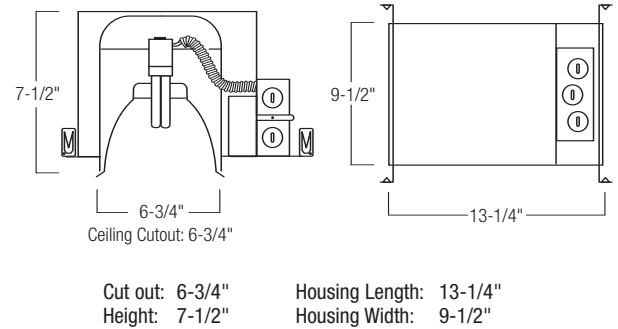
Starting Temperature	0° F – 18°C
Operating Ambient Temperature	75°C (Max)
Start Rating	>50,000
Power Factor	HPF
Flicker	<3%
THD	<10%

(For magnetic ballast consult factory.)

**Optional Accessories**

FS	Fuse 2A
NRA-28	27" Flat Bar Hanger
E2	120/277V Ballast
NR-30	Optional Color Rings (B, C, G, W for NTA Trims)
NOR-30	Oversize Color Rings (B, C, G, W for NTA Trims)

**DIMENSIONS**



**Trim**

Precision spun 0.050 alum high grad specular finish. Separate, white plastic trim ring is standard.

**Optional Dimming**

A variety of dimming ballast option are available in 13-26W. Each option requires a controller that is compatible. Specify suffix.

- D10 Universal Technologies 0-10V (4Wire),
- MX1 Advance Mark X 120V (2Wire), (Specify Wattage)
- MX2 Advance Mark X 277V (2Wire), (Specify Wattage)
- M7 Advance Mark 7 (4Wire),
- L51 Lutron SE 5% 120V (3Wire), (Specify Wattage)
- L52 Lutron SE 5% 277V (3Wire), (Specify Wattage)

**Optional Emergency**

90 minutes, 650 lumen battery backup must be ordered separately and installed apart from the housing in an accessible location.

**Labels and Listings**

UL Listed for damp location  
 cUL Certified  
 State of California Title 24  
 Washington State ASATME-283 for Air-Tight  
 Energy Star Rated (Electronic ballast only)



Create a complete fixture/trim catalog number: Example: NHPIC - 2642ELATM7 / NTA-97C

Housing - select one box from each column				Options		
Catalog No.	Lamps	Wattage	Ballast	Dimming		Fuse
NHPIC-	1	26-42	ELAT (120V)	D10	M7	FS
			ATE2 (120/277V)	MX1	L51	
				MX2	L52	

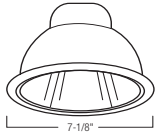
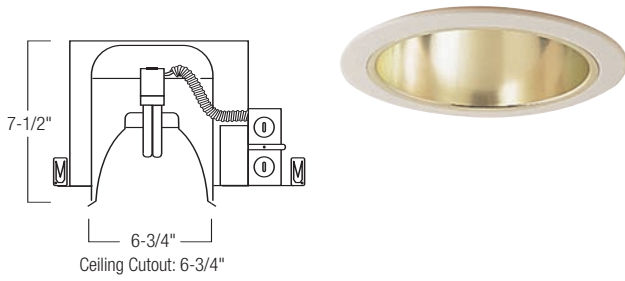
Reflector Trims			
Catalog No.	Reflector	Ring	
NTA-96	B C	B	
NTA-97	G HZ	C	
NTA-98	W	G	
NTA-99		W	

Reflector Specular Finishes: B = Black, C = Chrome, G = Gold, HZ = Haze Alzak®, W = White  
 Ring Finish: W = White

**NORALIGHTING®**

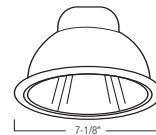
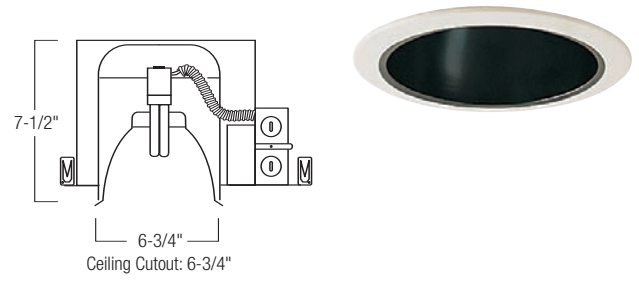
# REFLECTOR TRIMS

## NTA-96 Gold Cone Reflector



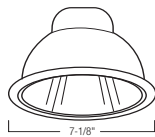
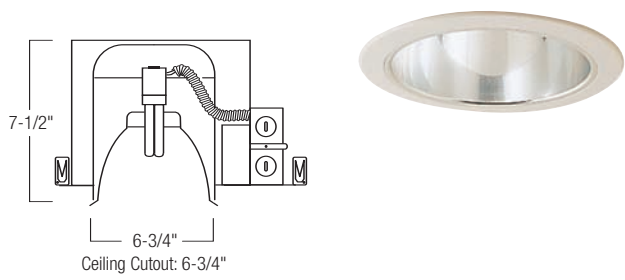
Baffle: Black (B)  
 Ring: 1/2"  
 Trim OD: 7-1/8"  
 Baffle Depth: 1"

## NTA-98 Black Cone Reflector



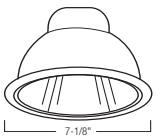
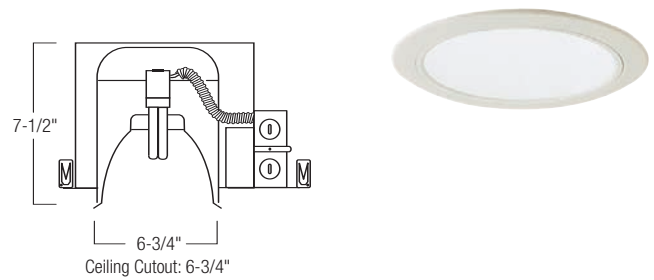
Baffle: Black (B), White (W)  
 Ring: 3/4"  
 Trim OD: 7-1/4"

## NTA-97 Chrome Cone Reflector



Reflector: Chrome (C), Haze Alzak® (HZ)  
 Ring: 1/2"  
 Trim OD: 7-1/8"

## NTA-99 White Cone Baffle



Baffle: White (W)  
 Ring: 3/4"  
 Trim OD: 7-1/8"