



## 5" Incandescent IC Housing

### LAMP WATTAGE

- (1) 75PAR/R30
- (1) 50R/PAR20
- (1) 40A19

Maximum wattage subject to limitation as listed with ceiling trim.

### DESCRIPTION

Five-inch thermally protected IC, "Air Tight" incandescent downlight rated for use with one R, PAR, or A-type light source.

### FEATURES

- Quick feature available
- Rated for direct contact with thermal insulation
- Socket clips to trim for instant vertical lamp alignment
- Reduces air loss for energy efficiency
- Bar hangers with 90-degree repositioning ability
- UL Damp Location Listed
- Large variety of decorative trims
- Accommodates ceiling thickness to 1-3/4"
- NYC Approved: Calendar #43895

### FRAME

1. **Plaster Frame** - High quality .032 steel die cut one piece frame. Bar hanger brackets on all four sides provide two possible positions for installations.
2. **Housing** - .6mm aluminum housing adjusts to maximum ceiling thickness of 1-3/4". Constructed as spot welded cylindrical wrap capped with a drawn aluminum dome.
3. **Mounting** - Two bar hangers are included adjustable to 24". Bar hangers are parallel to junction box, but can be repositioned 90 degrees perpendicular to junction box if desired. Frame may also be supported with aircraft structural cable for drop panel ceilings or any other application requiring direct support from a structural ceiling.
4. **Air Flow Restriction** - NHIC-501AT housing is factory treated to restrict loss of air into ceiling plenum to <2CFM (Cubic Feet per Minute) in compliance with Washington State Energy Code (WSEC) requirements.

### ELECTRICAL SYSTEM

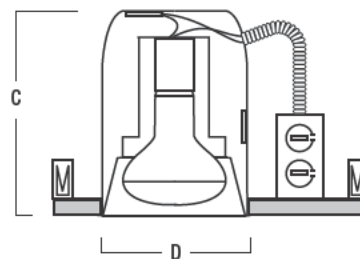
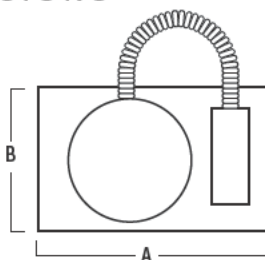
1. **Socket** - Standard medium base porcelain socket. Nickel screw shell construction, listed for 660W at 250V.
2. **Junction Box** - Plaster frame integrated 25 cu. in. junction box .060 galvanized steel with seven 1/2" knockouts and four Romex connecting pryouts. Electrical connections are made through one side of the junction box wrap. 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.
3. **\*Quick Connect Feature** - NHIC-501QAT contains three UL approved quick connections that allow insertion of 1/4" stripped solid or tinned standard conductors to be inserted into the connector. Connectors are pre-attached to fixture power, common, and ground circuits.
4. **Thermal Protector** - Standard UL thermal protector rated for 90 degrees Celsius is affixed to interior surface of fixture housing.



### PRODUCT MATRIX

Ordering Example: **NHIC-501AT / NT-5050**  
5" IC Housing, Lensed Shower Trim 75A19 or 50PAR30.

### DIMENSIONS



<b>A: Length</b>	10-1/2" (27 cm)
<b>B: Width</b>	7-1/4" (184 mm)

<b>C: Depth</b>	7-1/2" (191 mm)
<b>D: Inner Trim Diameter</b>	5-1/2" (140 mm)

### TRIMS

<b>NT-5000</b>	Splay Reflector, Self Flanged
<b>NT-5001</b>	Metal Baffle Splay, Self Flanged (W, B)
<b>NT-5010</b>	Baffle, Metal Trim Ring (W, B)
<b>NT-5012</b>	Phenolic Deep Baffle & Trim Ring (W, B)
<b>NT-5013W</b>	White Airtight Baffle Cone (PAR Lamp)
<b>NT-5020B</b>	Black Reflector Cone (PAR Lamp)
<b>NT-5020C</b>	Chrome Reflector Cone (PAR Lamp)
<b>NT-5020G</b>	Gold Reflector Cone (PAR Lamp)
<b>NT-5020W</b>	White Reflector Cone (PAR Lamp)

<b>NT-5021B</b>	Black Reflector (A Lamp)
<b>NT-5021C</b>	Chrome Reflector (A Lamp)
<b>NT-5021G</b>	Gold Reflector (A Lamp)
<b>NT-5021W</b>	White Reflector (A Lamp)
<b>NT-5050</b>	White Shower Light (A Lamp)
<b>NT-5060</b>	Gimbal (PAR 30) (W, B)
<b>NT-5070</b>	Eyeball (PAR 30) (W, B)
<b>NT-5071</b>	Eyeball (PAR 20) (W, B)

5. **UL Listed** - Approved for through-branch wiring with up to 8 #12 AWG conductors. Listed for use in damp locations.

### TRIMS

1. **Bracket** - .032 Steel bracket holds spring ends located on porcelain socket. Lamp position is 90-degree perpendicular to ceiling once trim is inserted completely into housing with all surfaces of finishing ring secured against ceiling surface.
2. **Reflector** - Precision spun .050 aluminum high grade specular finish. Separate, white plastic trim ring is standard.

3. **Baffle** - Precision spun .040 aluminum with deep grooves to reduce aperture glare. Non-reflective matte black or white painted finishes. Available standard, splay, or for high lamp position.
4. **Lenses** - High grade frosted dome lens for use in shower applications.
5. **Adjustability** - Eyeballs are adjustable to 30-degree maximum; Gimbal Ring style is adjustable to 25-degree maximum.