

NHIC-17QNBAT



6" IC Recessed Fixture - No Socket Bracket

LAMP WATTAGE

- (1) 75R/PAR30
- (1) 40A19
- (1) 50PAR20
- (1) 50PAR16
- (1) 90BR40

DESCRIPTION

Six inch incandescent housing for insulated ceilings. For use with new trims with socket brackets and gimbal ring/eyeball adjustable trims.

FEATURES

- Rated for direct contact with insulation
- WSEC rated with NTM-713 airseal trim
- UL damp listed for through branch circuit wiring
- Quick connector provided
- High quality specular finishes
- Accommodates 1-3/4" maximum ceiling thickness
- NYC Approved: Calendar #43895

FRAME

1. **Plaster Frame** - High quality .040 steel die cut one piece frame.
2. **Housing** - .040 steel housing adjusts to maximum ceiling thickness of 1-3/4" (45mm). Spring brackets accept torsion wing trim springs; slots on socket plate surface accept standard coil springs.
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. Insulation may be blown directly onto the surface of the fixture.
4. **Air Flow Restriction** - NHIC-17/QNBAT housing restricts airflow from room into ceiling plenum to <2 CFM (cubic feet per minute) in accordance with Washington State Energy Code requirements only when used with gasketed NTM-713 airseal trim.

ELECTRICAL SYSTEM

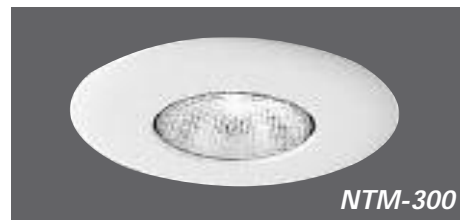
1. **Socket** - Socket is free floating and installs to eyeball, gimbal ring and new trims equipped with socket brackets.
2. **Junction Box** - Plaster frame integrated 25 cu. in. junction box .064 galvanized steel with five 1/2", two 3/4" knockouts, and four Romex pryouts. Electrical connections are made through 1/2" port on j-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-17QNBAT 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.
3. **Thermal Protector** - Standard UL thermal protector rated for 90°C is affixed to inner top surface of housing.
4. **UL Listed** - Approved for through-branch wiring with up to 8 #12 AWG conductors.

TRIMS

1. **Cone Baffle** - Precision spun .040 aluminum with deep grooves to reduce aperture glare. Non-reflective



NTM-713

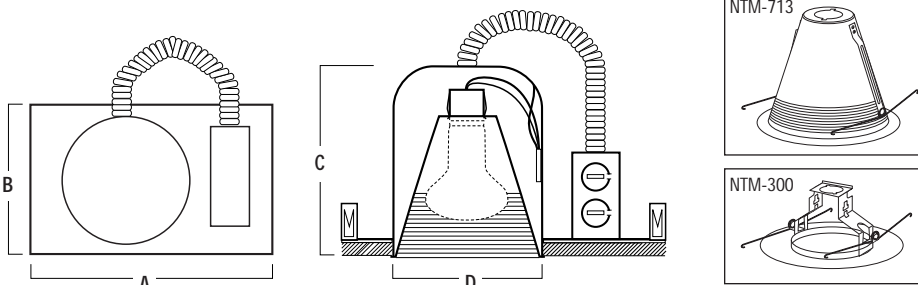


NTM-300

PRODUCT MATRIX

Ordering Example: **NHIC-17/QNBAT / NTM-300**
Standard: **NHIC-17/QNBAT**

DIMENSIONS



A: Length	10-3/4" (28 cm)
B: Width	7-1/2" (191 mm)

C: Depth	7-3/8" (188 mm)
D: Ceiling Cutout	6-3/8" (162 mm)

TRIM INDEX

Lamp Size and Type	Trim No.
50W Par 16 Max	NL-665, NL-670
50W R/Par 20 Max	NTM-628
75W R/Par 30 Max	NT-28, NT-29, NTM-38, NTM-39, NTM-48, NTM-49, NTM-52, NTM-54, NTM-56, NTM-300, NTM-713, NTS-49
40W A19 Max	NTM-713
90W BR40 Max	NTM-713

Please refer to trim pages for further details.

matte black or white painted finishes. Socket clips to top of trim and self-lipped flange keeps lamp perpendicular to ceiling automatically.

2. **Eyeball** - Surface, recessed, painted or finished construction. Provides easy and far reaching adjustment.
3. **Gimbal Ring** - Surface, recessed, painted or finished construction. Provides adequate adjustment for most applications while maintaining a low profile aesthetic appearance.

4. **Open Trim** - Provides simple, aesthetic ceiling finish for PAR lamp sources. Socket bracket and flange keep lamp perpendicular to ceiling with no adjustment necessary.

5. **Installation** - Nora reflector trims are installed onto the plaster frame via high tension, high memory steel torsion springs. The reflector is partially inserted into the ceiling aperture until the ends of the torsion springs are "captured" by the spring brackets inside the fixture housing. The reflector is then pushed the rest of the way into the aperture, and is pulled flush to the ceiling by the trim springs. Some trims include standard coil springs with needle-nose plier loops.

6. **UL Listed** - Damp location listed.