NHRIC-27QAT
6" IC Remodel Shallow Plenum Fixture

LAMP WATTAGE

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

DESCRIPTION

Six inch incandescent housing for shallow plenum, insulated ceilings. Installs into existing sheet rock ceilings that have no access from above the ceiling plenum.
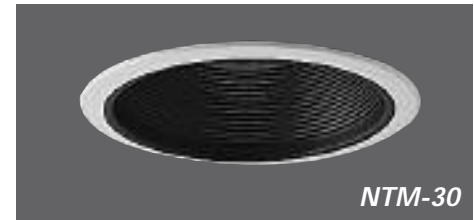
FEATURES

• Low 5-1/2" profile for existing shallow ceiling plenums
• Airtight (AT) unit complies with WSEC standards
• No above ceiling access required
• Quick connectors provided
• Rated for direct contact with insulation
• UL listed for through branch circuit wiring
• UL Damp Location listed
• High quality specular finishes
• Accommodates 1-1/2" 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 1-1/2" (39mm). Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of .050 structural steel connects housing with junction box. Spring brackets accept torsion wing trim springs; slots on socket plate surface accept standard coil springs.

3. **Mounting -** Four high tension springs secure the housing to an existing sheet rock ceiling. Insulation may be blown directly onto the surface of the fixture.

4. **Airtight Option -** Airtight (AT) unit restricts air flow to Plenum to ≤ 1.5 ft³ / minute to comply with Washington State Electric Code (WSEC).
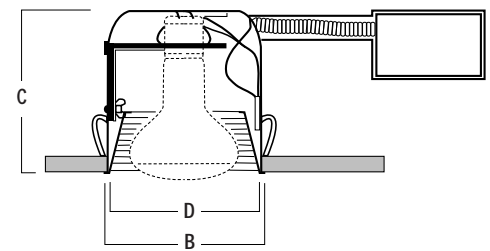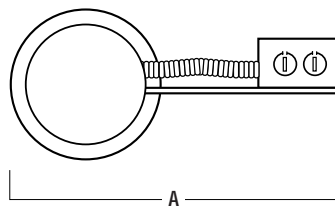
ELECTRICAL SYSTEM

1. **Socket Plate -** Galvanized steel socket plate adjusts inside housing for optimum light performance. Contains a single medium base socket. Protective cap included to protect socket interior during ceiling painting.

2. **Junction Box -** Plaster frame integrated 25 cu. in. junction box .064 galvanized steel with four 1/2" knockouts. 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. **Thermal Protector -** Standard UL thermal protector rated for 90°C is affixed to inner side wall surface of housing.

4. **UL Listed -** Approved for through-branch wiring.

NTA-97

NTM-30

PRODUCT MATRIX

Ordering Example: **NHRIC-27QAT / NT-22**

DIMENSIONS

A: Length	11"	(28 cm)	**C: Depth**	5-1/2"	(140 mm)
B: Width	6-3/4"	(172 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	NT-641, NT-642, NT-643, NT-644, NT-646, NT-648, NT-650, NTM-628
75W R/Par 30 Max	NT-28, NT-29, NT-30, NT-30D, NT-31, NT-32, NT-33, NT-40, NT-45, NT-46, NTM-29, NTM-30, NTM-31, NTM-38, NTM-39, NTM-48, NTM-49, NTM-52, NTM-54, NTM-56, NTP-30, NTP-31, NTS-30, NTS-31, NTS-32, NTS-33, NTS-49
40W A19 Max	NP-22, NP-23, NP-24, NT-22, NT-23, NT-24, NT-25, NT-50, NT-51, NTA-101, NTA-102, NTA-103, NTM-42, NTM-46

Please refer to trim pages for further details.

TRIMS

1. **Reflector -** Precision spun .050 aluminum high grade specular finish. Separate, white plastic trim ring is standard.

2. **Baffle -** Precision spun .040 aluminum with deep grooves to reduce aperture glare. Non-reflective matte black or white painted finishes.

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

4. **Wall Washers -** Scoop wall washers are available for consistent, smooth side wall illumination.

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.