NSEIC-407AT/20
4" 20W/120V GU10 IC Single Wall Housing
Source: 20W 120V MR16 GU10 (Not Included)

PRODUCT DESCRIPTION
New construction housing for use in non-insulated ceilings, where insulation can be kept 3" from fixtures. Rated for use with a line voltage MR16 GU10 lamp.

CONSTRUCTION
Plaster Frame
0.040 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Brackets run along all sides of frame to allow bar hangers to be run parallel or perpendicular to junction box.

Housing
Aluminum housing adjusted for ceiling thickness from 5/8" to 1-3/8".

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
Line voltage GU10 socket.

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 90º 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 0.060" thick galvanized steel, with seven 1/2" 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).

LED Source
20W 120V MR16 GU10 (Not Included)

ELECTRICAL
Wiring
Standard flex whip carries wire lead from junction box into housing. Wire leads extend from housing and thermal device to 4" below housing, terminating at GU10 MR16 socket.

Thermal Protector
Standard UL thermal protector rated for 90ºC (194ºF) is affixed to side wall surface of housing.

Optional Accessories
NRA-126: One Hour Fire Rated Enclosure
NRA-28: 27" Flat Bar Hangers

Labels and Listings
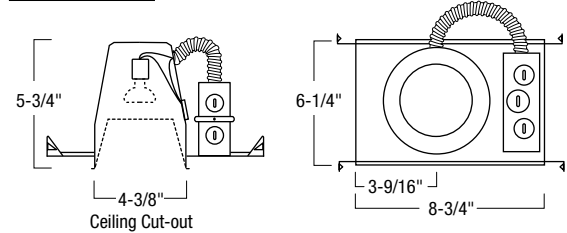cULus Listed for Damp Location w/ Feed Through
cULus Wet Listed (Only with designated trims)
Meets or exceeds ASTM-283 Air-Tight Requirements
Washington State Approved

DIMENSIONS

5-3/4"

4-3/8"
Ceiling Cut-out

6-1/4"

3-9/16"
8-3/4"

Cut-out: 4-3/8"
ID: 4"
Housing Length: 8-3/4"
Housing Width: 6-1/4"
Housing Height: 5-3/4"

Housing

NSEIC-407AT/20: 4" 20W/120V GU10 SINGLE WALL HOUSING