

NHICCP-4LMRAT

4" Chicago Plenum LED Dedicated New Construction Housing
(Compatible with Cobalt / Onyx)

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

Dedicated new construction housing approved for City of Chicago Environmental Air (CCEA). Air-tight construction provides energy savings by reducing the flow of air through the ceiling. The housing is dedicated and labeled for use with LED retrofit luminaires.

FEATURES

- IC rated for direct contact with insulation
- Quick connect provided for electrical connection to the LED reflectors
- CCEA approved
- 24-1/2" bar hangers with captive nails and alignment foot

CONSTRUCTION

Plaster Frame: High quality 0.04" steel die cut one piece frame.

Housing: 0.040 aluminum outer housing with white powder coated steel inner housing. Inner housing adjusts for ceiling thickness from 1/2" to 1-1/4".

Air Flow Restriction: Housing has 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.

Clearance: "IC" Insulated ceiling housings are direct contact rated. **Not to be used in direct contact with spray foam insulation.**

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 90° 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 0.064" thick galvanized steel, with seven 1/2" trade size knockouts and 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).

ELECTRICAL

Input Voltage: 120/277V

Socket: Quick connect for LED reflectors

Dimming: Specified by reflector

COMPATIBILITY

NLCBC-4 / NLCBC2-4 - Cobalt LED Retrofit Series

NOX-4 / NOXAC-4 / NOXTW-4 - Onyx LED Retrofit Series

NIR-4 - Iolite LED Retrofit Series

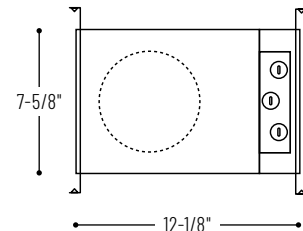
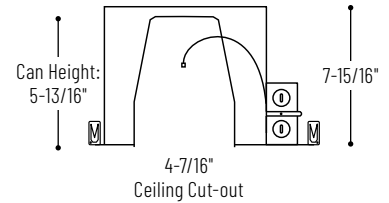
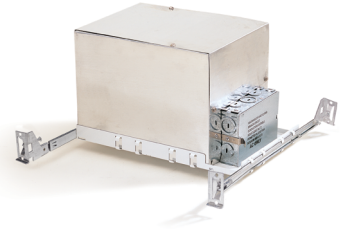
NOR-4 - Pearl LED Retrofit Series

LABELS AND LISTINGS

- cULus Listed for damp location & feed through (wet location when used with compatible reflectors)
- Meets or exceeds ASTM-283 Air-Tight requirements
- CCEA approved
- RoHS compliant



PRODUCT IMAGES & DIMENSIONS



4" Chicago Plenum LED Dedicated New Construction Housing

Catalog No.

NHICCP-4LMRAT = 4" Chicago Plenum Housing, 120/277V input (120V Triac/ELV dimming)

NHICCP-4LMRAT/4W = 4" Chicago Plenum Housing, 120/277V input (120V Triac/ELV/0-10V & 277V 0-10V dimming, Cobalt only - LE4 required)

Example: **NHICCP-4LMRAT** = 4" Chicago Plenum LED Dedicated New Construction Housing, 120/277V input