

NHICCP-6LMRAT

6" Recessed LED Dedicated Chicago Plenum New Construction Housing

Source: 16W max.

(Compatible with Cobalt and 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 Cobalt and Onyx LED fixtures.

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". Spring brackets accept torsion wing trim springs; slots inside housing accept standard coil springs.

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 five 1/2", two 3/4" 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: 120V, 120/277V or 277V (must specify)

Socket: Quick connect for LED reflectors

Wattage: 16W max.

Dimming: Triac, ELV or 0-10V (must specify)

COMPATIBILITY

NLCBC-6 - Cobalt Series

NOX-56 / NOX-6 - Onyx Series

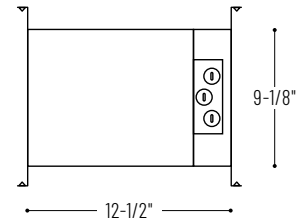
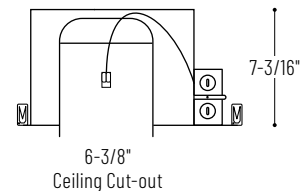
Emergency: Housing can be specified with connections for emergency battery installation (Cobalt only). Requires top access. Must specify battery with remote test switch separately, NEPK-BSL17C-C2U.

LABELS AND LISTINGS

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



PRODUCT IMAGES & DIMENSIONS



6" Recessed LED Dedicated Chicago Plenum New Construction Housing

Catalog No.

NHICCP-6LMRAT = 6" LED Dedicated Chicago Plenum Housing, 120V input; Triac/ELV dimming

NHICCP-6LMRAT/EM = 6" LED Dedicated Chicago Plenum Housing, 120V input; Triac/ELV dimming with Emergency Battery and Remote Test Switch (Cobalt only - EM required)

NHICCP-6LMRAT/4W = 6" LED Dedicated Chicago Plenum Housing, 120/277V input; Triac/ELV/0-10V dimming (Cobalt only - LE4 required)

NHICCP-6LMRAT/6WEM = 6" LED Dedicated Chicago Plenum Housing, 120/277V input; Triac/ELV/0-10V dimming with Emergency Battery and Remote Test Switch (Cobalt only - LE4EM required)

Optional Accessories

Description

NEPK-BSL17C-C2U = Remote Emergency Battery w/Test Switch

Example: **NHICCP-6LMRAT** = 6" LED Dedicated Chicago Plenum New Construction Housing, 120V input; Triac/ELV dimming