

# NHICCB-6

6" Cobalt Dedicated IC Air-Tight High Lumen New Construction Housing

Source: 22W or 28W LED

Type

Project

Catalog No.

Notes

## PRODUCT DESCRIPTION

Dedicated IC Air-Tight new construction housing for use in insulated ceilings, can be in direct contact with insulation\*. 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 High Lumen reflectors.

## CONSTRUCTION

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

**Housing:** 0.04" aluminum housing with riveted. Housing adjusts to a ceiling thicknesses from 1/2" to 7/8". 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. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

## ELECTRICAL

**Input Voltage:** 120/277V 50/60Hz

**Wattage:** 22W or 28W

**Dimming:** Triac, ELV or 0-10V dimming

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

**Emergency:** Housing can be specified with connections for emergency battery installation. Requires top access. Must specify battery with remote test switch separately, [NEPK-07LEDUNV](#).

## COMPATIBLE REFLECTORS

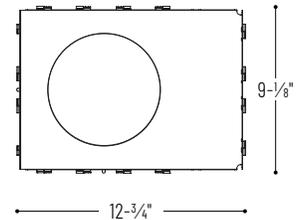
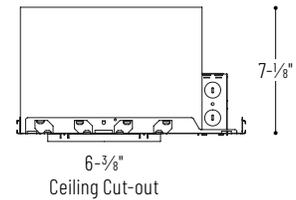
| CATALOG NO.               | DESCRIPTION  |
|---------------------------|--|
| <a href="#">NLCB2-651</a> | 6" Round Open Reflector                                      |
| <a href="#">NLCB2-652</a> | 6" Round Baffle  |
| <a href="#">NLCB2-653</a> | 6" Square Reflector with Round Aperture                      |
| <a href="#">NLCB2-656</a> | 6" Square Reflector with Square Aperture (1500lm / 22W only) |

## LABELS AND LISTINGS

- cULus Listed for Wet Location (only w/designated reflectors)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2019



## PRODUCT IMAGES & DIMENSIONS



## 6" Cobalt Dedicated ICAT High Lumen New Construction Housing - Compatible w/Cobalt High Lumen Reflectors

| Installation Type                        | Lumens / Wattage                       | Driver / Dimming                          | Optional Emergency Wiring             |
|--|--|---|---------------------------------------|
| NHICCB-6 = IC Air-Tight New Construction | 15 = 1500lm / 22W<br>20 = 2000lm / 28W | LE4 = 120/277V input; Triac, ELV or 0-10V | /PEM = Pre-Wired for Remote Emergency |

## Optional Accessories

| Description  |
|--|
| NEPK-07LEDUNV = Remote Emergency Battery w/Test Switch |

Example: NHICCB-620LE4 = 6" Cobalt Dedicated IC Air-Tight High Lumen New Construction Housing, 28W, 120/277V Input