

# 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

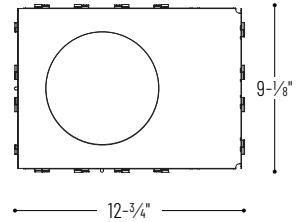
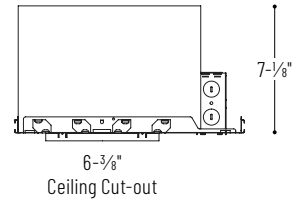
CATALOG NO.	DESCRIPTION
<a href="#">NLCB2-651</a>	6" Round Open Reflector
<a href="#">NLCB2-652</a>	6" Round Baffle
<a href="#">NLCB2-653</a>	6" Square Reflector with Round Aperture
<a href="#">NLCB2-656</a>	6" Square Reflector with Square Aperture (1500lm / 22W only)

## LABELS AND LISTINGS

- cULus Listed for Wet Locations (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 JA8-2022
- FCC Compliant



## 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 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