

# NHCB-6

## 6" Cobalt Dedicated Non-IC High Lumen New Construction Housing

Source: 22W or 30W LED

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Dedicated new construction housing for use where insulation can be kept 3" away from housing. The housing is dedicated and labeled for use with Cobalt High Lumens series.

### CONSTRUCTION

**Plaster Frame:** High quality 0.040 aluminum die cut one piece frame.

**Housing:** 0.040 aluminum housing adjusts to a ceiling thickness from 1/2" to 1-1/4". Spring brackets accept torsion wing trim 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.

**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" 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).

### CLEARANCE

Non-Insulated housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

### ELECTRICAL

**Input Voltage:** 120-277V

**Wattage:** 22W or 30W

**Operating Temperature:** 0°C to 30°C

**Dimming:** 0-10V dimming down to 1%

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

### Emergency LED Driver (NEPK-07LEDUNV)

- Up to 7.5W emergency illumination with LEDs.
- Illumination Time: 90min
- Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC

### COMPATIBLE REFLECTORS

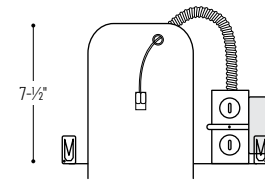
CATALOG NO.	DESCRIPTION
<a href="#">NLCB2-651</a>	6" Round Open Reflector
<a href="#">NLCB2-652</a>	6" Round Baffle
<a href="#">NLCB2-653</a>	6" Square Reflector with Round Aperture
<a href="#">NLCB2-656</a>	6" Square Reflector with Square Aperture

### LABELS AND LISTINGS

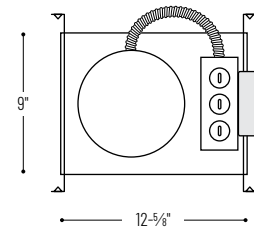
- cULus Listed for Wet Location (only w/designated reflectors)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements



### PRODUCT IMAGES & DIMENSIONS



6-3/8"  
Ceiling Cut-out



## 6" Cobalt Dedicated Non-IC High Lumen New Construction Housing - Compatible with Cobalt High Lumen Reflectors

Installation Type	Lumens / Wattage	Driver / Dimming	Optional Emergency Battery
NHCB-6 = Non-IC New Construction	15 = 1500lm / 22W 20 = 2000lm / 30W	LE6 = 120-277V Input; 0-10V dimming	/EM = Emergency Pack w/ Remote Test Switch

Example: NHCB-620LE6 = 6" Cobalt Dedicated Non-IC High Lumen New Construction Housing, 30W, 120-277V Input