

## NLCBC-651 Series

### 6" Cobalt Retrofit Reflectors

Source: 12W LED  
750lm

#### PRODUCT DESCRIPTION

Cobalt retrofit series is cULus classified for use in existing IC or Non-IC housings manufactured by Nora and others. The 6" retrofit luminaires produces 750 lumen output at 90+ CRI. The Cobalt series integrates a Cree® COB family of LED arrays, giving bright spectacular light output and low power consumption. An obvious and smart choice for Green Energy efficient lighting in commercial and residential applications.

#### FEATURES

- 750lm / 12W LED output
- 3000K or 3500K @ 90+ CRI
- CREE® COB LED technology
- Integral dimmable driver
- Includes medium base socket adapter for easy retrofitting in 6" recessed housings
- 5-year limited warranty
- ENERGY STAR certified
- cULus classified for wet locations

#### SPECIFICATION

**Reflector:** Aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output. The deep reflector places the LED optics deeper, increasing the visual comfort and reduces board images when off.

**Mounting:** Two steel, spring mounting blades allow for easy and secure mounting in most 6" housings.

**Retrofit:** Cobalt retrofit series includes medium base screw-socket adapter (NRA-211SM) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify NRA-212SM.

#### ELECTRICAL

**Input Voltage:** 120V

**Lumens / Wattage:** 750lm / 12W

**Color Temperature:** 3000K or 3500K

**CRI:** 90+ CRI

**Operating Temp.:** 0°C to 45°C ambient temperature

**Dimming:** Triac/ELV

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

#### COMPATIBLE HOUSINGS

Cobalt retrofit reflectors are compatible with most 6" IC and Non-IC housings by Nora and others.

##### Fire Box

**NFBIC-6LMRAT\*** ICAT Dedicated LED  
**NFBIC-6INCAT** ICAT Line Voltage

##### New Construction

**NHIC-27LMRAT\*** Shallow ICAT Dedicated LED  
**NHIC-6LMRAT\*** ICAT Dedicated LED  
**NHIC-6LMRAT/277\*** ICAT Dedicated LED, 277V (includes step-down transformer)  
**NHICCP-6LMRAT\*** Chicago Plenum Dedicated LED  
**NHIC-27QAT** Shallow ICAT Line Voltage  
**NHIC-17QAT** ICAT Line Voltage  
**NH-26Q** Non-IC Line Voltage  
**NHIC-6G24ATFL** ICAT GU24

##### Remodel

**NHRIC-27LMRAT\*** Shallow ICAT Dedicated LED  
**NHRIC-6LMRAT\*** ICAT Dedicated LED  
**NHRIC-27QAT** Shallow ICAT Line Voltage  
**NHRIC-17QAT** ICAT Line Voltage  
**NHR-26Q** Non-IC Line Voltage  
**NHRIC-6G24ATFL** ICAT GU24

\* Nora Dedicated LED housings are cULus listed for use only with Nora LED Retrofits.

#### ACCESSORIES

**NLCBC-6EYELID:** Round eyelid used to convert round reflector or baffle to half moon wall wash trim.

**NLCBC-6OR:** Round oversize ring used to cover ceiling cut-outs up to 8-1/4".

#### LABELS AND LISTINGS

- cULus classified for Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Can be used to comply with 2016 Title 24 - part 6 High Efficacy LED light source requirements



Type

Project

Catalog No.

Notes

#### PRODUCT IMAGES & DIMENSIONS



**NLCBC-651**  
Round Reflector  
BBL, WWL

### 6" Cobalt Retrofit Reflectors

Reflector Type	Color Temp. / Finish
<b>NLCBC-651</b> = Round Reflector	<b>30BBL</b> = 3000K, Black Reflector / Black Flange <b>35WWL</b> = 3500K, White Reflector / White Flange

### Optional Accessories

Description
<b>NLCBC-6EYELIDB</b> = 6" Round Eyelid, Black
<b>NLCBC-6EYELIDBZ</b> = 6" Round Eyelid, Bronze
<b>NLCBC-6EYELIDMPW</b> = 6" Round Eyelid, Matte Powder White
<b>NLCBC-6EYELIDW</b> = 6" Round Eyelid, White
<b>NLCBC-6OR-B</b> = 6" Round Oversize Ring, Black
<b>NLCBC-6OR-BZ</b> = 6" Round Oversize Ring, Bronze
<b>NLCBC-6OR-MPW</b> = 6" Round Oversize Ring, Matte Powder White
<b>NLCBC-6OR-W</b> = 6" Round Oversize Ring, White
<b>NRA-211SM</b> = Medium base screw-in socket (included)
<b>NRA-212SM</b> = Socket adapter for use with GU24 housings

Example: **NLCBC-65130BBL** = 6" Cobalt Retrofit Reflector, 750lm / 12W LED, 3000K, Black Reflector / Black Flange