

NLCBC-45 Series

4" Cobalt Retrofit Reflectors

Source: 13W/16W LED

1000lm

PRODUCT DESCRIPTION

Cobalt retrofit series is cULus classified for use in existing IC or Non-IC housings manufactured by Nora and others. The 4" retrofit luminaires produces 1000 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

- 1000lm LED output
- 2700K or 3000K @ 90+ CRI
- CREE® COB LED
- Integral dimmable driver
- Includes medium base socket adapter for easy retrofitting in 4" 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 4" 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 or 120V-277V, must specify

**Lumens:** 1000lm

**Wattage:** 13W (120V) or 16W (LE4)

**Color Temperature:** 2700K or 3000K

**Color Rendering Index:** 90+CRI

**Operating Temperature:** 0°C to 45°C

**Lifetime:** 50,000 hours @ L70

**Dimming:** Triac/ELV or Triac/ELV/0-10V

[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 4" IC and Non-IC housings by Nora and others.

Fire Box

NFBIC-4LMRAT*	ICAT Dedicated LED
NFBIC-4LMRAT/4W*	ICAT Dedicated LED for LE4
NFBIC-4INCAT	ICAT Line Voltage

New Construction

NHIC-4LMRAT*	ICAT Dedicated LED
NHIC-4LMRAT/4W*	ICAT Dedicated LED for LE4
NHIC-4LMRAT/EM*	ICAT Dedicated LED for EM
NHIC-4LMRAT/6WEM*	ICAT Dedicated LED for EM+LE4
NHIC-4LMRAT/277*	ICAT Dedicated LED, 277V (includes step-down transformer)
NHICCP-4LMRAT*	Chicago Plenum Dedicated LED
NSIC-401QAT	ICAT Line Voltage
NS-401QAT	AT Line Voltage
NHIC-4G24AT	ICAT GU24

Remodel

NHRIC-4LMRAT*	ICAT Dedicated LED
NSRIC-404QAT	ICAT Line Voltage
NSR-404QAT	AT Line Voltage
NHRIC-4G24AT	ICAT GU24

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

ACCESSORIES

**NLCBC-4EYELID:** Round eyelid used to convert round reflector or baffle to half moon wall wash trim.

**NLCBC-4OR:** Round oversize ring used to cover ceiling cut-outs up to 5-3/4".

LABELS AND LISTINGS

- cULus classified for Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Certified to the high efficacy requirements of California Title 24 JA8-2022



Type
Project
Catalog No.
Notes

PRODUCT IMAGES & DIMENSIONS



4" Cobalt Retrofit Reflectors

Reflector Type	CCT	Finish	Dimming & Emergency
NLCBC-451D = Round Reflector	30 = 3000K	DW = Diffused / White	LE4 = 120V Triac/ELV or 0-10V 277V 0-10V (req. Nora 4W hsg.)
NLCBC-452D = Round Baffle	27 = 2700K 30 = 3000K	MPW = Matte Powder White WW = White / White	(blank) = 120V Triac/ELV
NLCBC-453 = Square Round	30 = 3000K	MPW = Matte Powder White	(blank) = 120V Triac/ELV

Optional Accessories

Description
NLCBC-4EYELIDB = 4" Round Eyelid, Black
NLCBC-4EYELIDBZ = 4" Round Eyelid, Bronze
NLCBC-4EYELIDMPW = 4" Round Eyelid, Matte Powder White
NLCBC-4EYELIDW = 4" Round Eyelid, White
NLCBC-4OR-B = 4" Round Oversize Ring, Black
NLCBC-4OR-BZ = 4" Round Oversize Ring, Bronze
NLCBC-4OR-MPW = 4" Round Oversize Ring, Matte Powder White
NLCBC-4OR-W = 4" Round Oversize Ring, White
NRA-211SM = Medium base screw-in socket (included)
NRA-212SM = Socket adapter for use with GU24 housings

Example: **NLCBC-451D300W** = 4" Cobalt Retrofit Round Reflector, 1000lm / 13W LED, 3000K, Diffused Reflector / White Flange