

NLCBC-65 COBALT Series - 6" 95 CRI Recessed Retrofit Downlight Source: 16W Chip on Board 1000Lm LED

PRODUCT DESCRIPTION

Nora Lighting's 6" LED Cobalt Luminaires are cULus listed for use in existing 6" IC or Non-IC housings manufactured by Nora and others. The units provide 1000 Lumen output, drawing 16W and rendering 90+CRI. Nora's 6" Cobalt LEDs intergrate the latest from the 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

- 5 year limited warranty
- CREE® COB LED
- Dimmable
- cULus Listed, Energy Star & Title 24 compliant
- 1000lm utilizes only 16W
- Available in 2700K, 3000K and 4000K color temperature, 95 CRI
- GU24 Socket adapter available for use with GU24 base housings- Includes Medium-Base Socket kit

CONSTRUCTION

Trim: Aluminum spun reflector (NLCBC-651) with deep set diffused lens for excellent visual comfort while providing high lumen output.

Aluminum spun baffle trim (NLCBC-652) with deep grooves to reduce aperture glare while providing high lumen output.

Lens: Shatter proof diffused poly carbonate lens.

RETROFIT

Cobalt Series Downlights include NRA-211 Medium Base screw-in socket for retrofitting into existing Medium Base downlight housings.

ELECTRICAL SYSTEM

Voltage: 120VAC

Current: 400mA

Power Consumption: 16 Watts

Light Source: Cree COB

Lumens: 1000 lm

CRI: 95 CRI

LED Driver: Built-in driver

Operating Temperature: 0°C to 45°C

Life Expectancy: 50,000 hours

DIMMABLE

Nora LED Cobalt Series works with standard leading and trailing edge dimming technologies. Dimming with trailing-edge dimmers (electronic) are 5-100% and for leading-edge dimmers (incandescent) 10-100%. There may be some cases that require more than one lighting fixture to be used to meet minimum dimmer load. Consult with dimmer manufacturer. [Click Here](#) or refer to www.NoraLighting.com for complete updated dimmer list in the "Compatibility" page under the "Resource" tab.

6" Cobalt 95CRI Recessed Retrofit Downlight

Catalog No.	Color Temp.	Finish	Option
NLCBC-651 = Reflector	27 = 2700K	BZ = Bronze	Blank = 120V
NLCBC-652 = Baffle	30 = 3000K 40 = 4000K	DW* = Diffused Clear/White HZW = Haze/ White WW = White	EM = Pre-Wired for EM use with EM housing ³
NLCBC-651	35 = 3500K	WW = White	

LE4 Option

NLCBC-651	30 = 3000K 35 = 3500K	WW = White DW* = Diffused Clear/White DD = Diffused Clear/Diffused	LE4 = 120V Triac / 120V or 277V 0-10V Dimming ² LE4EM = 120V Triac / 120V or 277V 0-10V Dimming and EM ⁴
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*Finish only available on Reflector Style

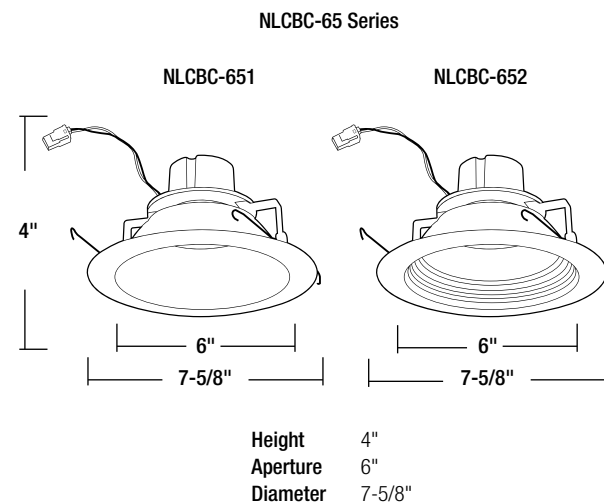
1 - Requires 277V Input supply

2 - Compatible with NHC-6LMRAT/4W & NHRIC-6LMRAT/4W housing

3 - Compatible with NHC-6LMRAT/EM housing

4 - Compatible with NHC-6LMRAT/6WEM

DIMENSIONS



NRA-211 Medium Base screw-in socket included with every Cobalt Series for retrofitting into existing Medium Base Downlight Housings

LABELS & LISTINGS

cULus Wet Label Listed

Title 24 Compliant

Energy Star Rated



COMPATIBLE HOUSINGS

FireBox	
NFBIC-6LMRAT	6" LED Diamond 2-Hour Fire Rated IC / Non-IC Air-Tight, 120V
NFBIC-6INCAT	6" ICAT Fire Box
New Construction	
NHC-17QAT	6" ICAT Line Voltage
NHC-17QNBAT	6" ICAT Line Voltage (No Bracket)
NH-26Q	6" Line Voltage
NH-26QNB	6" Line Voltage (No Bracket)
NHC-6G24ATFL	6" ICAT GU24 (Specify NRA-212 adaptor separately)
NHC-6LMRAT	6" ICAT Dedicated LED
NHC-6LMRAT/277	6" ICAT Dedicated LED, 277V
NHC-27LMRAT	6" IC AT Shallow Dedicated Housing
NHC-6LMRAT/4W	6" IC Air Tight Dedicated Housing Pre-wired for 0-10V dimming Cobalt Series
NHC-6LMRAT/EM	6" IC Air Tight Dedicated Housing Pre-wired for Emergency Cobalt Series - Includes EM battery and remote test switch
NHC-6LMRAT/6WEM	6" IC Air Tight Dedicated Housing Pre-wired for Emergency and 0-10V dimming Cobalt Series - Includes EM battery and remote test switch
Remodel	
NHRIC-17QAT	6" ICAT Line Voltage
NHRIC-17QNBAT	6" ICAT Line voltage (No Bracket)
NHR-26Q	6" Line Voltage
NHRIC-6G24ATFL	6" ICAT GU24 (Specify NRA-212 adaptor separately)
NHRIC-6LMRAT	6" ICAT Dedicated LED
NHRIC-27LMRAT	6" IC AT Shallow Remodel Dedicated Housing
NHRIC-6LMRAT/4W	6" IC Air Tight Remodel Housing Pre-wired for 0-10V dimming Cobalt Series

Create a complete Item number: Example: NLCBC-65127WW 6" Cobalt with Smooth White Reflector and flange - 2700K.