

NLCBC-45 COBALT Series

4" 95CRI Recessed Retrofit Downlight

Source: 16.6W Chip on Board 1000lm LED

PRODUCT DESCRIPTION

Nora Lighting's 4" LED Cobalt Luminaires are cULus listed for use in existing 4" IC or Non-IC housings manufactured by Nora and others. The units provide 1000 Lumen output, drawing 16.6W and rendering 95CRI. Nora's 4" Cobalt LEDs integrate 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 16.6W
- 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-451) with deep set diffused lens for excellent visual comfort while providing high lumen output.

Aluminum spun baffle trim (NLCBC-452) with deep set diffused lens and deep grooves to reduce aperture glare while providing high lumen output.

Deep Trim: The deep trim places the LED optics deeper than the standard increasing the visual comfort. Additionally the deep cones reduces board images when off.

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: 270mA

Power Consumption: 16.6 Watts

Light Source: Cree COB

Lumens: 1000 lm

CRI: 95 CRI

LED Driver: Built-in driver

Operating Temperature: 0°C to 75°C ambient temperature

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.

LABELS & LISTINGS

cULus Listed
Title 24 Compliant
Energy Star Rated



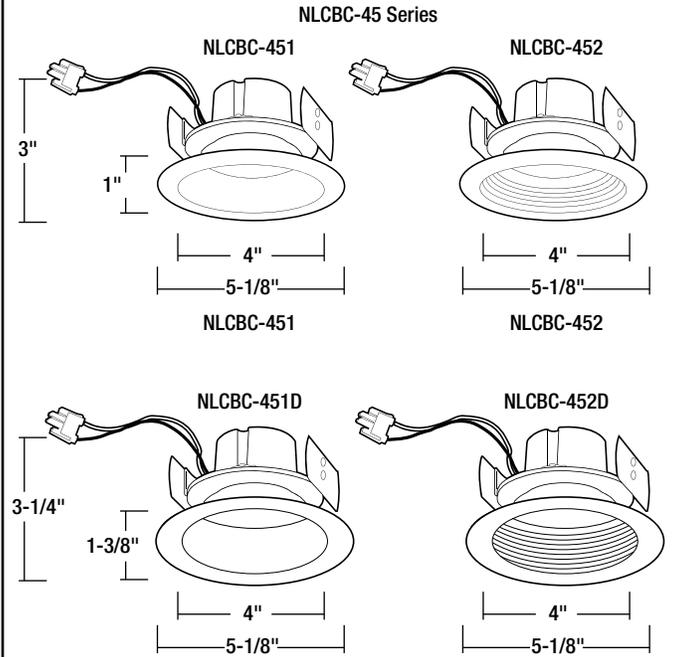
Type _____

Project _____

Catalog No. _____

Lamp/Wattage _____

DIMENSIONS



FINISHES

Bronze (BZ) - Bronze Refl. or Baffle with Bronze Flange

Diffused Clear (DW) - Diffused Refl. with White Flange

Haze (HZW) - Haze Refl with White Flange

White (WW) - White Refl. or Baffle with White Flange

COMPATIBLE DIMMERS

Manufacturer:	Model Number
Leviton	IPE04
	6161
	IPI06-1LZ
Lightolier	ZP260QEW
	DVCL153P
	TGCL-153P
Lutron	S600P
	CT103P
	MAELV600
	FAELV500



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

4" Cobalt 95CRI Recessed Retrofit Downlight

Catalog No.	Color Temp.	Finish
NLCBC-451 = Reflector	27 = 2700K	WW = White
NLCBC-452 = Baffle	30 = 3000K	
	40 = 4000K	

4" Cobalt 95CRI Premium Deep Recessed Retrofit Downlight

Catalog No.	Color Temp.	Finish
NLCBC-451D = Deep Refl.	27 = 2700K	BZ = Bronze
NLCBC-452D = Deep Baffle	30 = 3000K	DW* = Diffused Clear / White
	40 = 4000K	HZW* = Haze / White
		WW = White

*Finish only available on Reflector Style

COMPATIBLE HOUSINGS

FireBox	
NFBIC-4LMRAT	4" ICAT Dedicated LED 2-Hour Fire Rated
New Construction	
NSIC-401QAT	4" ICAT Line Voltage
NS-401QAT	4" AT Line Voltage
NHIC-4G24AT	4" ICAT GU24 (Specify NRA-212 adaptor separately)
NHIC-4LMRAT	4" ICAT Dedicated LED
NHIC-4LMRAT/27V	4" ICAT Dedicated LED, 277V
Remodel	
NSR-404QAT	4" AT Line Voltage
NHRIC-4G24AT	4" ICAT GU24 (Specify NRA-212 adaptor separately)
NHRIC-4LMRAT	4" ICAT Dedicated LED

Create a complete item number: **Example: NLCBC-45127WW** 4" Cobalt with Smooth White Reflector and flange - 2700K.