NLCB2-656

6" Cobalt Dedicated High Lumen Square Reflector with Square Aperture
Source: 22W to 30W LED
1500lm or 2000lm

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

6" Cobalt dedicated series is cULus listed for use in with Cobalt high lumens housings. 6" luminaires deliver over 2000 lumens in a various color temperatures. Cobalt High Lumen Series intergrates a COB LED technology, giving bright spectacular light output and low power consumption.

FEATURES

- 1500lm or 2000lm LED packages
- 2700K, 3000K, 3500K, 4000K or Comfort Dim (Warm Dim) @ 90+ CRI
- 5-year limited warranty
- cULus listed for wet locations

SPECIFICATION

Trim: Die-cast aluminum reflector with deep set diffused lens for excellent visual comfort while providing high lumen output.

Mounting: Two torsion springs allow for easy and secure mounting in housing. Refer to housing for ceiling thickness.

ELECTRICAL

Lumens / Wattage:
15 = 1500lm / wattage varies by housing
20 = 2000lm+ / wattage varies by housing
(Delivered lumens will vary depending on CCT and finish)
Color Temperature: Dedicated CCT (2700K, 3000K, 3500K or 4000K)
Color Rendering Index: 90+CRI
Operating Temperature: 0°C to 25°C
Lifetime: 50,000 hours @ L70
Comfort Dim: Comfort Dim color tunes the temperature from a bright 3000K, to a romantic and comfortable 2000K on a gradual, even curve.
Dimming: Refer to housing for dimming

COMPATIBLE HOUSINGS

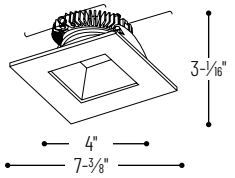
Trims are compatible with Cobalt High Lumen housings manufactured by Nora Lighting.

CATALOG NO.	DESCRIPTION
NHICCB-615	6" IC New Construction (1500lm)
NHCB-615	6" Non-IC New Construction (1500lm)
NHCB-620	6" Non-IC New Construction (2000lm)
NHRCB-615	6" Non-IC Remodel (1500lm)
NHRCB-620	6" Non-IC Remodel (2000lm)

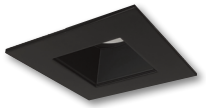
LABELS AND LISTINGS

- cULus Listed for Wet Locations
- 5-Year Limited Warranty
- Patent #D797,977S; D871,644S; D824,568S
- Certified to the high efficacy requirements of California Title 24 JA8-2022 (IC housing only)
- FCC Compliant

PRODUCT IMAGES & DIMENSIONS

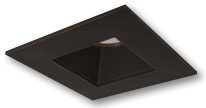


NLCBC2-656
6" Cobalt High Lumen Square Reflector with Square Aperture



BB
Black Reflector
Black Flange

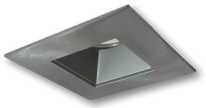
BW
Black Reflector
White Flange



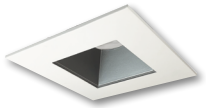
BZ
Bronze Reflector
Bronze Flange

HZW
Haze Reflector
White Flange

MPW
Matte Powder White Reflector
Matte Powder White Flange



NN
Natural Metal Reflector
Natural Metal Flange



PW
Pewter Reflector
White Flange

WW
White Reflector
White Flange

6" Cobalt Dedicated High Lumen Square Reflector with Square Aperture - Dedicated Housing Required

Lumens	Color Temperature	Finish
NLCB2-65615 = 1500lm	**27** = 2700K	**BB** = Black Reflector / Black Flange
NLCB2-65620 = 2000lm	**30** = 3000K	**BW** = Black Reflector / White Flange
	35 = 3500K	**BZBZ** = Bronze Reflector / Bronze Flange
	40 = 4000K	**HZW** = Haze Reflector / White Flange
	CD = Comfort Dim	**MPW** = Matte Powder White Reflector / Matte Powder White Flange
		NN = Natural Metal Reflector / Natural Metal Flange
		PW = Pewter Reflector / White Flange
		WW = White Reflector / White Flange

Example: **NLCB2-6562035DW** = 6" Cobalt Dedicated High Lumen Square Reflector with Round Aperture, 2000lm LED, 3500K, Diffused Clear Reflector / White Flange

NORA LIGHTING
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PHOTOMETRICS

6" Cobalt Dedicated High Lumen Square Reflector with Square Aperture

Type

Project

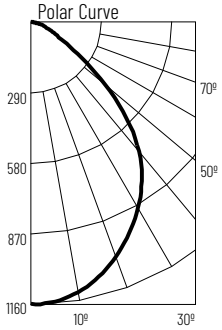
Catalog No.

Notes

Test Information

Test Number: NTR1150R2
Part Number: NLCB2-6562040WW
Lumens: 2166lm
Wattage: 27.63W
Efficacy: 78lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0º–180): 1.16
Spacing Criteria (90º–270): 1.16

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	32.2fc	11'-4"
9'	14.3fc	17'
12'	8.1fc	22'-8"
15'	5.2fc	28'-4"
18'	3.6fc	34'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	858	40.5
0-40	1352	63.8
0-60	1959	92.5
0-90	2119	100
90-180	0	0
0-180	2119	100

Candela Table

Vertical Angles	Candela
0	1160
5	1151
15	1087
25	963
35	795
45	529

Lumen Output Multipliers

Color Temperature: 2700K (0.76), 3000K (0.91), 3500K (0.95), 4000K (1.00)

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