

NOX-5632

5"/6" Onyx Retrofit Baffle

Source: 12.5W or 17.5W LED
750lm or 1200lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Onyx 5"/6" Round Series is suitable for use with most 5" and 6" recessed housings. Die-cast aluminum construction provides clean sharp edges. Deep regressed optics and round aperture delivers even and glare-free illumination

FEATURES

- 1200lm / 17.5W or 750lm / 12.5W
- 2700K, 3500K, 4000K, or 5000K @ 90+ CRI
- Integral dimmable driver
- Includes medium base socket adaptor for easy retrofitting in 5" or 6" recessed housings
- 5-year limited warranty
- Energy Star certified
- cULus classified for wet locations

SPECIFICATION

Trim: One piece, die-cast aluminum construction dissipates heat and extends life. Unitized Thermal Management, UTM, provides exceptional cool operation.

Housings: Compatible with most 5" and 6" IC and non-IC housings by Nora and others.

Mounting: Two steel, spring mounting springs allow for easy and secure mounting in most 5" and 6" housings.

Optics: Nora specified and designed precision-molded lens for optimal lumen output and even distribution. The white polymer lens diffuser evenly distributes the light.

Retrofit: Luminaires include a medium base screw-socket adapter (NRA-21ISM) for retrofitting into medium base downlight housings. Intended to be used as a LED lamp replacement. GU24 socket adapter (NRA-212SM) is available.

ELECTRICAL

Input Voltage: 120V 60Hz

Lumens / Wattage:

(blank) = 750lm / 12.5W; /12 = 1200lm / 17.5W;

Color Temperature: 2700K, 3500K, 4000K or 5000K

Color Rendering Index: 90+CRI

Dimming: Down to 5% with ELV or 10% with Triac

[Click Here](#) or check complete dimmer list at

www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE HOUSINGS

Onyx retrofits are compatible with most 5" & 6" IC and Non-IC housings by Nora and others.

Fire Box

- [NFBIC-5INCATA](#) 5" ICAT Fire Box
- [NFBIC-5LMRATA*](#) 5" ICAT Dedicated LED Fire Box
- [NFBIC-6INCATA](#) 6" ICAT Fire Box
- [NFBIC-6LMRATA*](#) 6" ICAT Dedicated LED Fire Box

New Construction

- [NHIC-5LMRAT*](#) 5" ICAT Dedicated LED
- [NHIC-5LMRAT/277*1](#) 5" ICAT Dedicated LED, 277V
- [NHIC-527LMRAT*](#) 5" ICAT Shallow Dedicated LED
- [NHIC-501QAT](#) 5" ICAT Line Voltage
- [NHIC-527QAT](#) 5" ICAT Shallow Line Voltage
- [NHIC-6LMRAT*](#) 6" ICAT Dedicated LED
- [NHIC-6LMRAT/277*1](#) 6" ICAT Dedicated LED, 277V
- [NHICCP-6LMRAT*](#) 6" Chicago Plenum Dedicated LED
- [NHIC-27LMRAT*](#) 6" ICAT Shallow Dedicated LED
- [NHIC-17QAT](#) 6" ICAT Line Voltage
- [NHIC-17QNBAT](#) 6" ICAT Line Voltage (No Bracket)
- [NHIC-27QAT](#) 6" ICAT Shallow Line Voltage
- [NH-26Q](#) 6" Line Voltage
- [NHIC-6G24ATFL](#) 6" ICAT GU24

Remodel

- [NHRIC-5LMRAT*](#) 5" ICAT Dedicated LED
- [NHRIC-527LMRAT*](#) 5" ICAT Shallow Dedicated LED
- [NHRIC-504QAT](#) 5" ICAT Line Voltage
- [NHRIC-527QAT](#) 5" ICAT Shallow Line Voltage
- [NHRIC-6LMRAT*](#) 6" ICAT Dedicated LED
- [NHRIC-27LMRAT*](#) 6" ICAT Shallow Dedicated LED
- [NHRIC-17QAT](#) 6" ICAT Line Voltage
- [NHRIC-17QNBAT](#) 6" ICAT Line Voltage (No Bracket)
- [NHRIC-27QAT](#) 6" ICAT Shallow Line Voltage
- [NHR-26Q](#) 6" Line Voltage

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

¹ Housings are not compatible with 1200lm luminaires

² Housings include a step down transformer

LABELS AND LISTINGS

- cULus classified for Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Meets ASTM-E283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2022



PRODUCT IMAGES AND DIMENSIONS



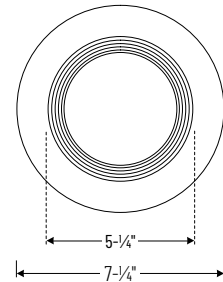
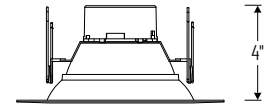
NOX-5632WW
White Baffle, White Flange



NOX-5632WW / NOX-5EYELIDW
White Eyelid



NOX-5632WW / NOX-560R-W
White Oversize Ring



5"/6" Onyx Retrofit Baffle

Lumens / Wattage / Color Temperature

NOX-563227WW = 750lm / 12.5W + 2700K (Discontinued, direct replacement: [NOXAC-563227WW/HL](#))

NOX-563227WW/12 = 1200lm / 17.5W / 2700K

NOX-563230WW = 750lm / 12.5W + 3000K (Discontinued, direct replacement: [NOXAC-563230WW/HL](#))

NOX-563230WW/12 = 1200lm / 17.5W + 3000K (Discontinued, direct replacement: [NOXAC-563230WW/HL](#))

NOX-563235WW = 750lm / 12.5W / 3500K

NOX-563235WW/12 = 1200lm / 17.5W / 3500K

NOX-563240WW = 750lm / 12.5W + 4000K (Discontinued, direct replacement: [NOXAC-563240WW](#))

NOX-563240WW/12 = 1200lm / 17.5W / 4000K

NOX-563250WW = 750lm / 12.5W / 5000K

NOX-563250WW/12 = 1200lm / 17.5W / 5000K

Optional Accessories

Description

NOX-56EYELIDW = 5"/6" Round Eyelid, White

NOX-560R-W = 5"/6" Round Oversize Ring, White

NRA-21ISM = Medium base screw-in socket (included w/luminaire)

NRA-212SM = Socket adapter for use with GU24 housing

Example: **NOX-563250WW/12** = 5"/6" Onyx Round Baffle LED Retrofit, 5000K, White finish, 1200lm / 17.5W

PHOTOMETRICS

5"/6" Onyx Retrofit Baffle

Type _____

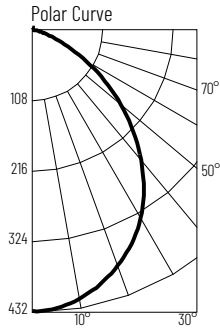
Project _____

Catalog No. _____

Notes _____

Test Information

Test Number: NTR11136
 Part Number: NOX-563240WW
 Lumens: 922lm
 Wattage: 12.9W
 Efficacy: 72lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 1.22
 Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.8fc	8'-5"
6'	11.9fc	12'-8"
8'	6.7fc	16'-11"
10'	4.3fc	21'-1"
12'	3fc	25'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	322	34.9
0-40	512	55.5
0-60	815	88.3
0-90	914	99
90-180	9	1
0-180	922	100

Candela Table

Vertical Angles	Candela
0	429
5	428
15	409
25	371
35	315
45	240

Color Temperature Multipliers

Color Temperature: 2700K (0.94), 3000K (0.96), 4000K (1.00), 5000K (1.02)