

NOX-5631

5"/6" Onyx Retrofit Reflector

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

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
- 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: 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

[NFEBIC-5INCATA](#)

[NFEBIC-5LMRATA*](#)

[NFEBIC-6INCATA](#)

[NFEBIC-6LMRATA*](#)

New Construction

[NHIC-5LMRAT*](#)

[NHIC-5LMRAT/277*¹](#)

[NHIC-527LMRAT*](#)

[NHIC-5010AT](#)

[NHIC-5270AT](#)

[NH-501Q](#)

[NHIC-5624ATFL](#)

[NHIC-6LMRAT*](#)

[NHIC-6LMRAT/277*¹](#)

[NHICCP-6LMRAT*](#)

[NHIC-27LMRAT*](#)

[NHIC-170AT](#)

[NHIC-170NBAT](#)

[NHIC-270AT](#)

[NH-26Q](#)

[NHIC-6624ATFL](#)

Remodel

[NHRIC-5LMRAT*](#)

[NHRIC-527LMRAT*](#)

[NHRIC-5040AT](#)

[NHRIC-5270AT](#)

[NHR-504Q](#)

[NHRIC-6LMRAT*](#)

[NHRIC-27LMRAT*](#)

[NHRIC-170AT](#)

[NHRIC-170NBAT](#)

[NHRIC-270AT](#)

[NHR-26Q](#)

* 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



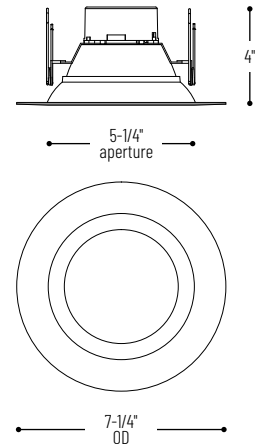
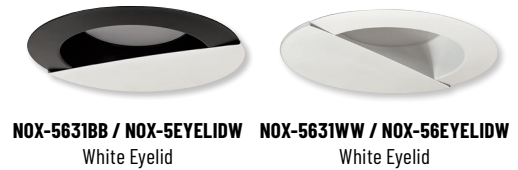
Type

Project

Catalog No.

Notes

PRODUCT IMAGES AND DIMENSIONS



5"/6" Onyx Retrofit Reflectors

Lumens / Wattage / Color Temperature / Finish

[NOX-563127WW](#) = 750lm / 12.5W / 2700K / White (Discontinued, direct replacement: [NOXAC-563127WW](#))

[NOX-563127WW/12](#) = 1200lm / 17.5W / 2700K / White (Discontinued, direct replacement: [NOXAC-563127WW/HL](#))

[NOX-563130WW](#) = 750lm / 12.5W / 3000K / White (Discontinued, direct replacement: [NOXAC-563130WW](#))

[NOX-563130WW/12](#) = 1200lm / 17.5W / 3000K / White (Discontinued, direct replacement: [NOXAC-563130WW/HL](#))

[NOX-563135BB](#) = 750lm / 12.5W / 3500K / Black

[NOX-563135WW](#) = 750lm / 12.5W / 3500K / White (Discontinued, direct replacement: [NOXAC-563135WW](#))

[NOX-563135WW/12](#) = 1200lm / 17.5W / 3500K / White

[NOX-563140WW](#) = 750lm / 12.5W / 4000K / White (Discontinued, direct replacement: [NOXAC-563140WW](#))

[NOX-563140WW/12](#) = 1200lm / 17.5W / 4000K / White (Discontinued, direct replacement: [NOXAC-563140WW/HL](#))

[NOX-563150WW](#) = 750lm / 12.5W / 5000K / White

[NOX-563150WW/12](#) = 1200lm / 17.5W / 5000K / White

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-563150WW/12](#) = 5"/6" Onyx Round Reflector LED Retrofit, 5000K, White finish, 1200lm / 17.5W

PHOTOMETRICS

5"/6" Onyx Retrofit Reflector

Type

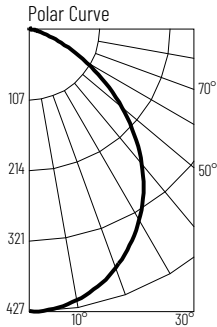
Project

Catalog No.

Notes

Test Information

Test Number: NTR11137
Part Number: NOX-563140WW
Lumens: 908lm
Wattage: 11.8W
Efficacy: 77lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 1.18
Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.7fc	8'-5"
6'	11.8fc	12'-7"
8'	6.7fc	16'-8"
10'	4.3fc	20'-11"
12'	3fc	25'-1"

Zonal Lumen Summary

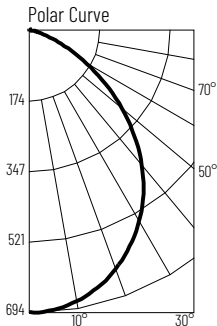
Zone	Lumens	% Luminaire
0-30	319	35.1
0-40	507	55.8
0-60	806	88.7
0-90	902	99.3
90-180	6	0.7
0-180	908	100

Candela Table

Vertical Angles	Candela
0	427
5	423
15	401
25	359
35	294
45	225

Test Information

Test Number: NTR11127
Part Number: NOX-563140WW/12
Lumens: 1472lm
Wattage: 17.3W
Efficacy: 85lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 1.18
Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	43fc	8'-4"
6'	19.1fc	12'-5"
8'	10.8fc	16'-7"
10'	6.9fc	20'-8"
12'	4.8fc	24'-11"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	515	35
0-40	819	55.7
0-60	1302	88.5
0-90	1461	99.3
90-180	11	0.7
0-180	1472	100

Candela Table

Vertical Angles	Candela
0	689
5	685
15	649
25	579
35	486
45	362

Color Temperature Multipliers

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