

NOX-431

4" Onyx Round Retrofit Reflector

Source: 10.5W or 14.5W LED

650lm or 900lm

PRODUCT DESCRIPTION

Onyx Retrofit Series is suitable for use with most 4" recessed housings. Die-cast aluminum construction provides clean sharp edges. Deep regressed optics and round aperture delivers even and glare-free illumination. Available in multiple color temperatures and 90+ CRI.

FEATURES

- 650lm / 10.5W or 900lm / 14.5W
- Integral dimmable driver
- Includes medium base socket adapter for easy retrofitting in 4" recessed housings
- Quick connector is compatible with dedicated LED housings
- 5-year limited warranty
- cULus classified for wet locations

SPECIFICATION

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

Mounting: Two steel, spring mounting blades allow for easy and secure mounting in most 4" 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

Lumens / Wattage:

(blank) = 650lm / 10.5W; **/9** = 900lm / 14.5W

Color Temperature: 2700K or 5000K

Color Rendering Index: 90+CRI

Operating Temperature: 0°C to 45°C

Dimming: 5% with electronic low voltage dimmer or 10% with 2-wire dimmer

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](#) in the "Compatibility" page under "Resources" tab

COMPATIBLE HOUSINGS

Onyx reflectors are compatible with most 4" IC and Non-IC housings by Nora and others.

Fire Box

- [NFBIC-4LMRATA*](#) IC Air-Tight Dedicated LED Firebox
- [NFBIC-427LMRATA*](#) Shallow ICAT Dedicated LED Firebox
- [NFBIC-4INCATA](#) IC Air-Tight Line Voltage Firebox

New Construction

- [NHIC-4LMRAT*](#) IC Air-Tight Dedicated LED
- [NHIC-4LMRAT/277*](#) ICAT Dedicated LED, 277V (includes step-down transformer)
- [NHICCP-4LMRAT*](#) Chicago Plenum Dedicated LED (NHICCP-4LMRAT is not compatible with 900lm)
- [NHIC-427LMRAT*](#) Shallow IC Air-Tight Dedicated LED (NHIC-427LMRAT is not compatible with 900lm)
- [NSIC-40IQAT](#) IC Air-Tight Line Voltage
- [NS-40IQAT](#) Air-Tight Line Voltage
- [NHIC-4G24AT](#) IC Air-Tight GU24

Remodel

- [NHRIC-4LMRAT*](#) IC Air-Tight Dedicated LED
- [NHRIC-427LMRAT*](#) Shallow IC Air-Tight Dedicated LED (NHRIC-427LMRAT is not compatible with 900lm)
- [NSR-404QAT](#) Air-Tight Line Voltage

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

ACCESSORIES

- [NOX-4EYELIDW](#): Round eyelid used to convert round reflector or baffle to half moon wall wash trim.
- [NOX-4OR-W](#): Round oversize ring used to cover ceiling cut-outs up to 5-7/8".

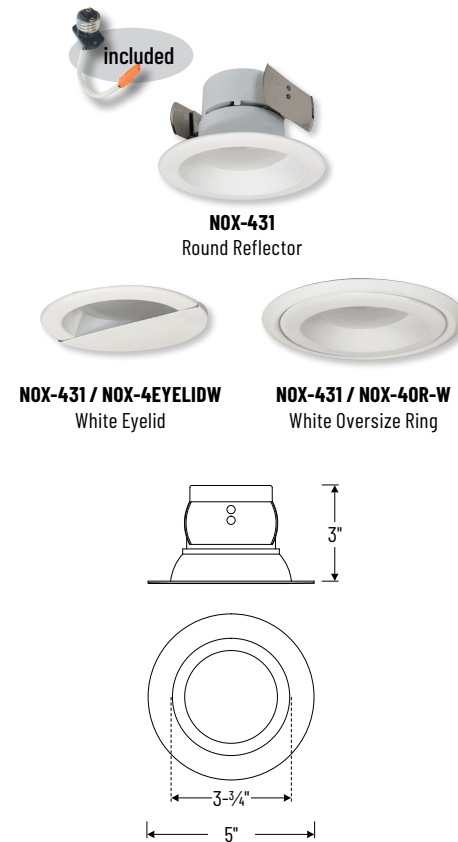
LABELS AND LISTINGS

- cULus classified for Wet Locations
- [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



4" Onyx Round Retrofit Reflectors

Lumens / Wattage / Color Temperature

- NOX-43127WW** = 650lm / 10.5W / 2700K
- NOX-43127WW/9** = 900lm / 14.5W / 2700K (Discontinued, direct replacement: [NOXAC-43127WW/HL](#))
- NOX-43130WW** = 650lm / 10.5W / 3000K (Discontinued, direct replacement: [NOXAC-43130WW/HL](#))
- NOX-43130WW/9** = 900lm / 14.5W / 3000K (Discontinued, direct replacement: [NOXAC-43130WW/HL](#))
- NOX-43135WW** = 650lm / 10.5W / 3500K (Discontinued, direct replacement: [NOXAC-43135WW/HL](#))
- NOX-43135WW/9** = 900lm / 14.5W / 3500K (Discontinued, direct replacement: [NOXAC-43135WW/HL](#))
- NOX-43140WW** = 650lm / 10.5W / 4000K (Discontinued, direct replacement: [NOXAC-43140WW/HL](#))
- NOX-43140WW/9** = 900lm / 14.5W / 4000K (Discontinued, direct replacement: [NOXAC-43140WW/HL](#))
- NOX-43150WW** = 650lm / 10.5W / 5000K
- NOX-43150WW/9** = 900lm / 14.5W / 5000K

Optional Accessories

Description

- NOX-4EYELIDW** = 4" Round Eyelid, White
- NOX-4OR-W** = 4" Round Oversize Ring, White
- NRA-21ISM** = Medium base screw-in socket (included w/ ea)
- NRA-212SM** = Socket adapter for use with GU24 housings

Example: **NOX-43127WW** = 4" Onyx Reflector, 650lm / 10.5W LED, 2700K, White Reflector / White Finish

PHOTOMETRICS

4" Onyx Round Retrofit Reflector

Type

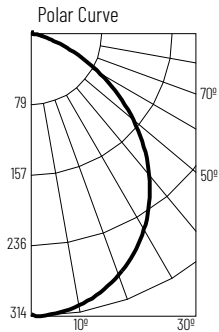
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Test Information

Test Number: NTR11269
Part Number: NOX-43150WW
Lumens: 716lm
Wattage: 11.2W
Efficacy: 64lpw
CCT / CRI: 5000K / 90 CRI
Spacing Criteria (0°-180°): 1.2
Spacing Criteria (90°-270°): 1.22



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	19.5fc	9"
6'	8.7fc	13'-5"
8'	4.9fc	17'-11"
10'	3.1fc	22'-5"
12'	2.2fc	26'-11"

Zonal Lumen Summary

Zone	Lumens	% Lumi-naire
0-30	237	33.1
0-40	379	53
0-60	620	86.6
0-90	710	99.3
90-180	5	0.7
0-180	716	100

Candela Table

Vertical Angles	Candela
0	312
5	311
15	297
25	268
35	228
45	176

Lumen Output Multipliers

Lumen Package: 650lm (1.00), 900lm (1.67)