

NOX-434

4" Onyx Round Adjustable Retrofit

Source: 10.5W LED

Up to 700lm

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

- 18° Adjustable
- Up to 700 delivered lumens
- 2700K or 4000K @ 90+ CRI
- 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 damp 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: Onyx retrofit series includes medium base screw-socket adapter ([NRA-211SM](#)) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify [NRA-212SM](#).

ELECTRICAL

Input Voltage: 120V

Lumens / Wattage: Up to 700lm / 10.5W

Color Temperature: 2700K or 4000K

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

[NFBC-4LMRATA*](#) IC Air-Tight Dedicated LED Firebox

[NFBC-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)

[NSIC-401QAT](#) IC Air-Tight Line Voltage

[NS-401QAT](#) Air-Tight Line Voltage

[NHIC-4G24AT](#) IC Air-Tight GU24

Remodel

[NHRIC-4LMRAT*](#) IC Air-Tight Dedicated LED

[NSR-404QAT](#) Air-Tight Line Voltage

[NSRIC-404QAT](#) IC Air-Tight Line Voltage

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

LABELS AND LISTINGS

- cULus classified for Damp 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 _____

Performance Data

Part Number	Lumens	CCT
NOX-43427WW	611lm	2700K
NOX-43440WW	639lm	4000K

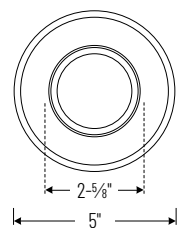
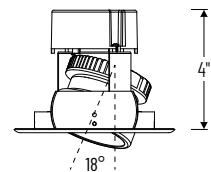
PRODUCT IMAGES AND DIMENSIONS



NOX-434
Round Adjustable



NOX-434 / NOX-40R-W
White Oversize Ring



4" Onyx Round Adjustable Retrofit

Lumens / Wattage / Color Temperature

NOX-43427WW = 611lm / 10.5W / 2700K

NOX-43430WW = 700lm / 10.5W / 3000K (Discontinued, direct replacement: [NOXAC-4RGTWWW](#))

NOX-43440WW = 639lm / 10.5W / 4000K

Example: **NOX-43440WW** = 4" Onyx Adjustable, 700lm / 10.5W LED, 4000K, White Finish

Optional Accessories

Description

NOX-40R-W = 4" Round Oversize Ring, White

NRA-211SM = Medium base screw-in socket (included w/ ea)

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

PHOTOMETRICS

4" Onyx Round Adjustable Retrofit

Type _____

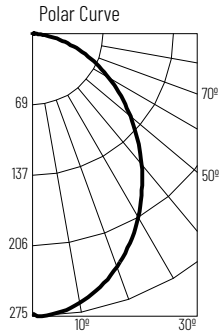
Project _____

Catalog No. _____

Notes _____

Test Information

Test Number: NTR11271
 Part Number: NOX-43440WW
 Lumens: 639lm
 Wattage: 10.6W
 Efficacy: 61lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.14
 Spacing Criteria (90°-270°): 1.14



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	17fc	8'-5"
6'	7.6fc	12'-7"
8'	4.3fc	16'-8"
10'	2.7fc	20'-11"
12'	1.9fc	25'-1"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	199	31.2
0-40	314	49.2
0-60	518	81
0-90	634	99.2
90-180	5	0.8
0-180	639	100

Candela Table

Vertical Angles	Candela
0	272
5	271
15	253
25	222
35	183
45	150