

# 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, 3000K 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
- ENERGY STAR certified

### 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, 3000K 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](http://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
- 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 \_\_\_\_\_

### Performance Data

Part Number	Lumens	CCT
<b>NOX-43427WW</b>	611lm	2700K
<b>NOX-43430WW</b>	700lm	3000K
<b>NOX-43440WW</b>	639lm	4000K

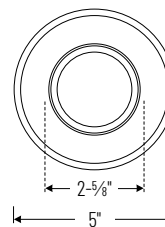
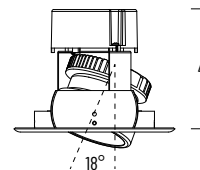
### PRODUCT IMAGES AND DIMENSIONS



**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

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

## 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

Example: **NOX-43430WW** = 4" Onyx Adjustable, 700lm / 10.5W LED, 3000K, White Finish

# PHOTOMETRICS

## 4" Onyx Round Adjustable Retrofit

Type \_\_\_\_\_

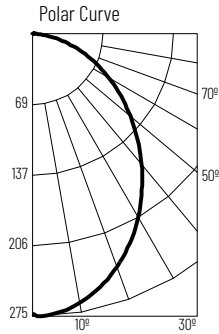
Project \_\_\_\_\_

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