

NOX-431

4" Onyx Round Retrofit Reflector

Source: 10.5W or 14.5W LED
650lm or 900lm

Type

Project

Catalog No.

Notes

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
- 2700K, 3000K, 3500K, 4000K or 5000K @ 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 wet 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-21ISM) 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:

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

Color Temperature:

2700K, 3000K, 3500K, 4000K or 5000K

CRI: 90+CRI

Operating Temp.: 0°C to 45°C ambient temperature

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-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
- NHRIC-427LMRAT*** Shallow IC Air-Tight Dedicated LED (NHRIC-427LMRAT is not compatible with 900lm)
- NSR-404QAT** Air-Tight Line Voltage
- NHRIC-4G24AT** IC Air-Tight GU24

* 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 Location
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Meets ASTM-E283 Air-Tight requirements
- Certified to the high efficacy requirements of California Title 24 JA8-2019



PRODUCT IMAGES AND DIMENSIONS



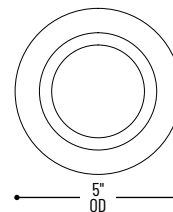
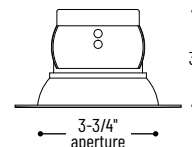
NOX-431
Round Reflector



NOX-431 / NOX-4EYELIDW
White Eyelid



NOX-431 / NOX-4OR-W
White Oversize Ring



4" Onyx Round Retrofit Reflectors

Lumens / Wattage / Color Temperature

NOX-43127WW = 650lm / 10.5W / 2700K

NOX-43127WW/9 = 900lm / 14.5W / 2700K

NOX-43130WW = 650lm / 10.5W / 3000K

NOX-43130WW/9 = 900lm / 14.5W / 3000K (Discontinued, direct replacement: [NOXTW-431WW](#))

NOX-43135WW = 650lm / 10.5W / 3500K

NOX-43135WW/9 = 900lm / 14.5W / 3500K

NOX-43140WW = 650lm / 10.5W / 4000K

NOX-43140WW/9 = 900lm / 14.5W / 4000K

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-43150WW** = 4" Onyx Reflector, 650lm / 10.5W LED, 5000K, White Reflector / White Finish

PHOTOMETRICS

4" Onyx Round Retrofit Reflector

Type _____

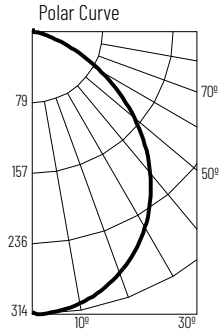
Project _____

Catalog No. _____

Notes _____

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	% Luminaire
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)