

# NOXAC-436

## 4" AC Onyx Square Retrofit Reflector

Source: 14.5W LED  
1000lm

### PRODUCT DESCRIPTION

AC Onyx Retrofit Series requires no driver and allow for a sleek design. Square reflectors are suitable for use with most 4" recessed housings. Die-cast aluminum construction provides clean sharp edges. Deep regressed optics and square aperture delivers even and glare-free illumination.

### FEATURES:

- 1000lm / 14.5W
- 2700K, 3000K or 4000K @ 90+ CRI
- Includes medium base socket adaptor for easy retrofitting in 4" recessed housings
- 5-year limited warranty
- ENERGY STAR certified
- cETLus 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:** 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:** 120VAC

**Lumens / Wattage:** 1000lm / 14.5W

**Color Temperature:** 2700K, 3000K or 4000K

**Color Rendering Index:** 90+CRI

**Beam Spread:** 110° Wide Flood

**Operating Temperature:** 0°C to 30°C

**Dimming:** Triac (leading edge) or ELV (trailing edge)

[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-427LMRATA\\*](#) Shallow ICAT 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)
- [NHICCP-4LMRAT\\*](#) Chicago Plenum Dedicated LED
- [NHIC-427LMRAT\\*](#) Shallow IC Air-Tight Dedicated LED
- [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
- [NSR-404QAT](#) Air-Tight Line Voltage
- [NSRIC-404QAT](#) IC Air-Tight Line Voltage

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

### LABELS AND LISTINGS

- cETLus classified for Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Meets ASTM-E283 Air-Tight requirements
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2022



Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

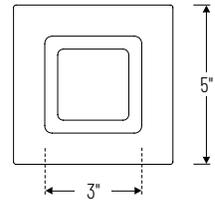
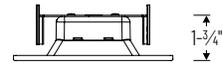
Notes \_\_\_\_\_

### Performance Data

Part Number	Lumens	CCT
<b>NOXAC-43627WWHL</b>	953lm	2700K
<b>NOXAC-43630WWHL</b>	999lm	3000K
<b>NOXAC-43640WWHL</b>	1022lm	4000K

*Delivered lumens will vary depending on CCT*

### PRODUCT IMAGES AND DIMENSIONS



## 4" AC Onyx Square Retrofit Reflector

Color Temperature

**NOXAC-43627WW/HL** = 2700K

**NOXAC-43630WW/HL** = 3000K

**NOXAC-43640WW/HL** = 4000K

## Optional Accessories

Description

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

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

Example: **NOXAC-43640WW/HL** = 4" AC Onyx Square Reflector, 4000K, White Finish

# PHOTOMETRICS

## 4" AC Onyx Square Retrofit Reflector

Type

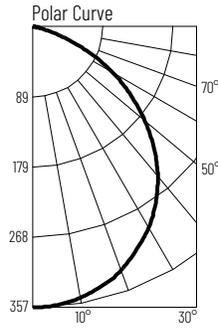
Project

Catalog No.

Notes

### Test Information

Test Number: NTR2130R1  
 Part Number: NOXAC-43627WW/HL  
 Beam Spread: 110° Wide Flood  
 Lumens: 953lm  
 Wattage: 15.24W  
 Efficacy: 63lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.30  
 Spacing Criteria (90°-270°): 1.28



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	22.3fc	11'-8"
6'	9.9fc	17'-6"
8'	5.6fc	23'-4"
10'	3.6fc	29'-1"
12'	2.5fc	35'-0"

### Zonal Lumen Summary

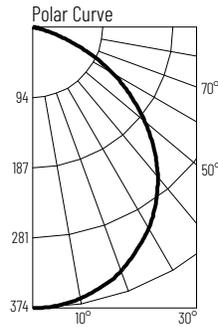
Zone	Lumens	% Luminaire
0-30	280	29.4
0-40	460	48.3
0-60	808	84.8
0-90	953	100
90-180	0	0
0-180	953	100

### Candela Table

Vertical Angles	Candela
0	357
5	356
15	346
25	325
35	291
45	242

### Test Information

Test Number: NTR2131R1  
 Part Number: NOXAC-43630WW/HL  
 Beam Spread: 110° Wide Flood  
 Lumens: 999lm  
 Wattage: 14.69W  
 Efficacy: 68lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.30  
 Spacing Criteria (90°-270°): 1.28



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.4fc	11'-8"
6'	10.4fc	17'-6"
8'	5.9fc	23'-4"
10'	3.7fc	29'-1"
12'	2.6fc	35'-0"

### Zonal Lumen Summary

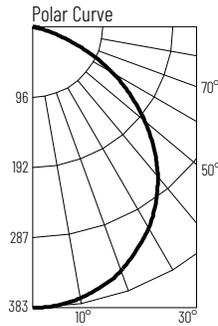
Zone	Lumens	% Luminaire
0-30	293	29.4
0-40	483	48.3
0-60	847	84.8
0-90	999	100
90-180	0	0
0-180	999	100

### Candela Table

Vertical Angles	Candela
0	374
5	374
15	363
25	341
35	305
45	253

### Test Information

Test Number: NTR2132R1  
 Part Number: NOXAC-43640WW/HL  
 Beam Spread: 110° Wide Flood  
 Lumens: 1022lm  
 Wattage: 15.11W  
 Efficacy: 68lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.30  
 Spacing Criteria (90°-270°): 1.28



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.9fc	11'-8"
6'	10.6fc	17'-6"
8'	6fc	23'-4"
10'	3.8fc	29'-1"
12'	2.7fc	35'-0"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	300	29.4
0-40	494	48.3
0-60	866	84.8
0-90	1022	100
90-180	0	0
0-180	1022	100

### Candela Table

Vertical Angles	Candela
0	383
5	382
15	371
25	349
35	312
45	259