

# NOXAC-5631

## 5" / 6" AC Onyx LED Retrofit Reflector

Source: 15.5W

Up to 1150lm

### PRODUCT DESCRIPTION

5" / 6" AC Onyx Retrofit Series requires no driver and allow for a sleek design. Spun aluminum construction provides clean sharp edges and is suitable for use with most 5" and 6" recessed housings. Deep regressed optics and round aperture deliver even and glare-free illumination.

### FEATURES

- Up to 1150 delivered lumens
- 2700K, 3000K, 3500K, 4000K or 5000K @ 90+ CRI
- Dimmable AC LED
- Includes medium base socket adaptor for easy retrofitting in 5" or 6" recessed housings
- 5-year limited warranty
- Classified for wet locations

### SPECIFICATION

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

**Housings:** Compatible with most 5" and 6" IC and non-IC housings by Nora and others.

**Mounting:** Two steel, torsion mounting springs allow for easy and secure mounting in most 5" and 6" housings.

**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 60Hz

**Lumens / Wattage:** 1150lm / 15.5W

**Color Temperature:** 2700K, 3000K, 3500K, 4000K or 5000K

**Color Rendering Index:** 90+ CRI

**Operating Temperature:** 35°C max.

**Dimming:** Down to 5% with ELV or 10% with Triac

[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 retrofits are compatible with most 5" & 6" IC and Non-IC housings by Nora and others.

#### Fire Box

- [NFBIC-5INCATA](#) 5" ICAT Fire Box
- [NFBIC-5LMRATA\\*](#) 5" ICAT Dedicated LED Fire Box
- [NFBIC-6INCATA](#) 6" ICAT Fire Box
- [NFBIC-6LMRATA\\*](#) 6" ICAT Dedicated LED Fire Box

#### New Construction

- [NHIC-5LMRAT\\*](#) 5" ICAT Dedicated LED
- [NHIC-5LMRAT/277\\*<sup>1</sup>](#) 5" ICAT Dedicated LED, 277V
- [NHIC-527LMRAT\\*](#) 5" ICAT Shallow Dedicated LED
- [NHIC-5010AT](#) 5" ICAT Line Voltage
- [NHIC-5270AT](#) 5" ICAT Shallow Line Voltage
- [NHIC-6LMRAT\\*](#) 6" ICAT Dedicated LED
- [NHIC-6LMRAT/277\\*<sup>1</sup>](#) 6" ICAT Dedicated LED, 277V
- [NHICCP-6LMRAT\\*](#) 6" Chicago Plenum Dedicated LED
- [NHIC-27LMRAT\\*](#) 6" ICAT Shallow Dedicated LED
- [NHIC-170AT](#) 6" ICAT Line Voltage
- [NHIC-170NBAT](#) 6" ICAT Line Voltage (No Bracket)
- [NHIC-270AT](#) 6" ICAT Shallow Line Voltage
- [NH-26Q](#) 6" Line Voltage
- [NHIC-6G24ATFL](#) 6" ICAT GU24

#### Remodel

- [NHRIC-5LMRAT\\*](#) 5" ICAT Dedicated LED
- [NHRIC-527LMRAT\\*](#) 5" ICAT Shallow Dedicated LED
- [NHRIC-5040AT](#) 5" ICAT Line Voltage
- [NHRIC-5270AT](#) 5" ICAT Shallow Line Voltage
- [NHRIC-6LMRAT\\*](#) 6" ICAT Dedicated LED
- [NHRIC-27LMRAT\\*](#) 6" ICAT Shallow Dedicated LED
- [NHRIC-170AT](#) 6" ICAT Line Voltage
- [NHRIC-170NBAT](#) 6" ICAT Line Voltage (No Bracket)
- [NHRIC-270AT](#) 6" ICAT Shallow Line Voltage
- [NHR-26Q](#) 6" Line Voltage

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

<sup>1</sup> Housings include a step down transformer

### LABELS AND LISTINGS

- cETLus classified for Wet Locations
- 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-563127WW</b>	1144lm	2700K
<b>NOXAC-563130WW</b>	1111lm	3000K
<b>NOXAC-563135WW</b>	1071lm	3500K
<b>NOXAC-563140WW</b>	1162lm	4000K
<b>NOXAC-563150WW</b>	1146lm	5000K

### PRODUCT IMAGES AND DIMENSIONS



## 5" / 6" AC Onyx LED Retrofit Reflector

Color Temperature / Finish

- NOXAC-563127WW/HL** = 2700K / White
- NOXAC-563130WW/HL** = 3000K / White
- NOXAC-563135WW/HL** = 3500K / White
- NOXAC-563140WW/HL** = 4000K / White
- NOXAC-563150WW/HL** = 5000K / White

### Optional Accessories

Description

- NOX-56REFLB** = 5" / 6" Black Reflector Insert
- NOX-56REFLD** = 5" / 6" Clear Diffused Reflector Insert
- NOX-56REFLHZ** = 5" / 6" Haze Reflector Insert
- NOX-56BAFB** = 5" / 6" Black Baffle Insert
- NOX-56BAFW** = 5" / 6" White Baffle Insert
- NOX-56EYELIDW** = 5" / 6" Round White Eyelid
- NOX-56OR-W** = 5" / 6" Round White Oversize Ring
- NRA-21ISM** = Medium base screw-in socket (included w/ each)
- NRA-212SM** = Socket adapter for use with GU24 housings

Example: **NOXAC-563140WW/HL** = 5" / 6" AC Onyx, Round Reflector LED Retrofit, 4000K, White Reflector / White Flange

# NOXAC-5631

## 5"/6" AC Onyx Retrofit Reflector Accessories

Type	_____
Project	_____
Catalog No.	_____
Notes	_____



Onyx Reflector Insert

**NOX-56REFLB** Black  
**NOX-56REFLD** Clear Diffused  
**NOX-56REFLHZ** Haze  
Round reflector insert is field changeable used to convert the reflector finish for NOXAC-5631.



Onyx Baffle Insert

**NOX-56BAFB** Black  
**NOX-56BAFW** White  
Round baffle insert is field changeable used to convert reflector (NOXAC-5631) to baffle.



Onyx Eyelid

**NOX-56EYELIDW** White  
Round eyelid clips on reflector or baffle to convert into half moon wall wash



Onyx Oversize Ring

**NOX-56OR-W** White  
Round oversize ring covers large ceiling cut-outs up to 8-1/4"



Medium Base Screw-In Socket

**NRA-21ISM**  
Medium base screw-in socket adapter for retrofitting into existing medium base housings. One is included with each luminaire.



Socket Adapter for GU24 Housings

**NRA-212SM**  
GU24 socket adapter for retrofitting into existing GU24 housings.

# PHOTOMETRICS

## 5"/6" AC Onyx Retrofit Reflector

Type

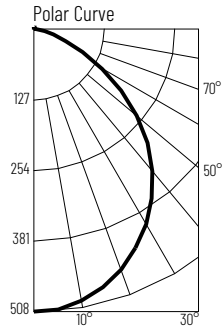
Project

Catalog No.

Notes

### Test Information

Test Number: NTRI590R1  
 Part Number: NOXAC-563127WW/HL  
 Beam Spread: 96° Wide Flood  
 Lumens: 1144lm  
 Wattage: 14.92W  
 Efficacy: 77lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	31.8fc	8'-10"
6'	14.1fc	13'-4"
8'	7.9fc	17'-8"
10'	5.1fc	22'-1"
12'	3.5fc	26'-6"

### Zonal Lumen Summary

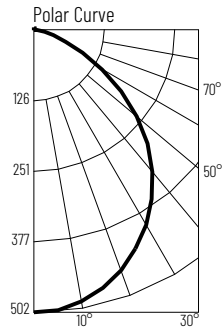
Zone	Lumens	% Luminaire
0-30	382	33.4
0-40	612	53.5
0-60	994	86.9
0-90	1132	99
90-180	12	1
0-180	1144	100

### Candela Table

Vertical Angles	Candela
0	508
5	505
15	479
25	434
35	370
45	282

### Test Information

Test Number: NTRI591R1  
 Part Number: NOXAC-563130WW/HL  
 Beam Spread: 95° Wide Flood  
 Lumens: 1111lm  
 Wattage: 14.66W  
 Efficacy: 76lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.18  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	31.3fc	8'-8"
6'	13.9fc	13'
8'	7.8fc	17'-5"
10'	5fc	21'-8"
12'	3.5fc	26'

### Zonal Lumen Summary

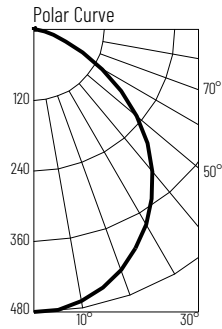
Zone	Lumens	% Luminaire
0-30	376	33.8
0-40	600	54
0-60	969	87.2
0-90	1100	99
90-180	11	1
0-180	1111	100

### Candela Table

Vertical Angles	Candela
0	501
5	498
15	471
25	417
35	358
45	273

### Test Information

Test Number: NTRI592R1  
 Part Number: NOXAC-563135WW/HL  
 Beam Spread: 97° Wide Flood  
 Lumens: 1071lm  
 Wattage: 15.09W  
 Efficacy: 71lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	30fc	8'-8"
6'	13.3fc	13'-1"
8'	7.5fc	17'-5"
10'	4.8fc	21'-10"
12'	3.3fc	26'-2"

### Zonal Lumen Summary

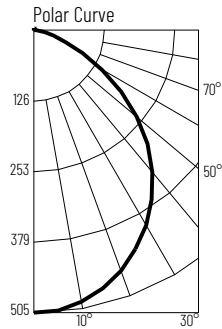
Zone	Lumens	% Luminaire
0-30	361	33.7
0-40	578	53.9
0-60	933	87.1
0-90	1060	99
90-180	11	1
0-180	1071	100

### Candela Table

Vertical Angles	Candela
0	480
5	477
15	454
25	411
35	349
45	263

### Test Information

Test Number: NTRI593R1  
 Part Number: NOXAC-563140WW/HL  
 Beam Spread: 97° Wide Flood  
 Lumens: 1162lm  
 Wattage: 14.63W  
 Efficacy: 79lpw  
 CCT / CRI: 4000K / 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'	31.6fc	9'
6'	14fc	13'-7"
8'	7.9fc	18'-1"
10'	5.1fc	22'-7"
12'	3.5fc	27'-1"

### Zonal Lumen Summary

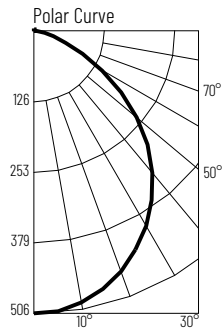
Zone	Lumens	% Luminaire
0-30	384	33
0-40	617	53.1
0-60	1009	86.8
0-90	1150	99
90-180	12	1
0-180	1162	100

### Candela Table

Vertical Angles	Candela
0	505
5	502
15	477
25	435
35	373
45	287

### Test Information

Test Number: NTRI780R1  
 Part Number: NOXAC-563150WW/HL  
 Beam Spread: 96° Wide Flood  
 Lumens: 1146lm  
 Wattage: 14.35W  
 Efficacy: 80lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.18  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	31.6fc	8'-11"
6'	14fc	13'-4"
8'	7.9fc	17'-10"
10'	5.1fc	22'-2"
12'	3.5fc	26'-8"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	381	33.2
0-40	611	53.3
0-60	998	87.1
0-90	1138	99.3
90-180	8	0.7
0-180	1146	100

### Candela Table

Vertical Angles	Candela
0	505
5	500
15	474
25	429
35	364
45	281