

NOX-56 Series

5"/6" Onyx Retrofit Reflectors

Source: 12.5W or 17.5W LED
750lm or 1200lm

PRODUCT DESCRIPTION

The Onyx 5"/6" Round Series is suitable for use with most 5" and 6" recessed housings. Die-cast aluminum construction provides clean sharp edges. Deep regressed optics and round aperture delivers even and glare-free illumination

FEATURES

- 1200lm / 17.5W or 750lm / 12.5W
- 2700K, 3000K, 4000K, or 5000K @ 90+ CRI
- Integral dimmable driver
- Includes medium base socket adaptor for easy retrofitting in 5" or 6" recessed housings
- 5-year limited warranty
- Energy Star certified
- cULus classified for wet locations

SPECIFICATION

Trim: One piece, die-cast 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, spring mounting springs allow for easy and secure mounting in most 5" and 6" 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:

(blank) = 750lm / 12.5W; **/12** = 1200lm / 17.5W;

Color Temperature:

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

CRI: 90+CRI

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

[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 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

NHICCP-5LMRAT*1

5" Chicago Plenum Dedicated LED

NHIC-5LMRAT/277*2

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

NH-5010

5" Line Voltage

NHIC-5G24ATFL

5" ICAT GU24

NHIC-6LMRAT*

6" ICAT Dedicated LED

NHICCP-6LMRAT*1

6" Chicago Plenum Dedicated LED

NHIC-6LMRAT/277*

6" ICAT Dedicated LED, 277V

NHIC-27LMRAT*

6" ICAT Shallow Dedicated LED

NHIC-170AT

6" ICAT Line Voltage

NHIC-170NBAT

6" ICAT Line Volt (No Bracket)

NHIC-270AT

6" ICAT Shallow Line Voltage

NH-26Q

6" Line Voltage

NH-26QNB

6" Line Voltage (No Bracket)

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

NHR-5040

5" Line Voltage

NHRIC-5G24ATFL

5" ICAT GU24

NHRIC-6LMRAT*

6" ICAT Dedicated LED

NHRIC-27LMRAT*

6" ICAT Shallow Dedicated LED

NHRIC-170AT

6" ICAT Line Voltage

NHRIC-170NBAT

6" ICAT Line Volt (No Bracket)

NHRIC-270AT

6" ICAT Shallow Line Voltage

NHR-26Q

6" Line Voltage

NHRIC-6G24ATFL

6" ICAT GU24

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

¹ Housings are not compatible with NOX-5634 or 1200lm luminaires

² Housings include a step down transformer

LABELS AND LISTINGS

- cULus classified for Wet Locations (NOX-5634 is rated 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 JA8-2019



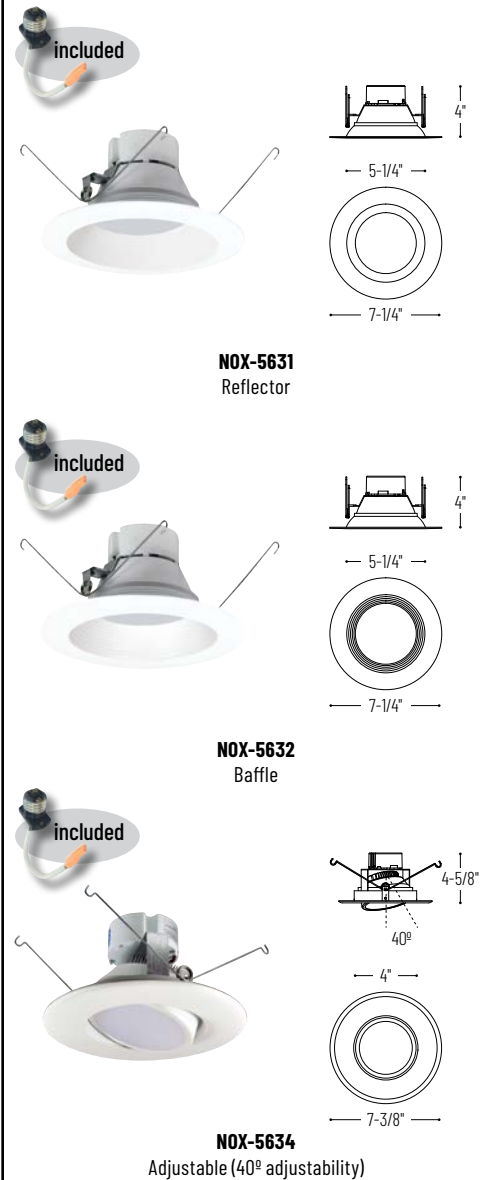
Type

Project

Catalog No.

Notes

PRODUCT IMAGES AND DIMENSIONS



5"/6" Onyx Reflectors

Reflector Type	Color Temperature / CRI	Finish	Lumens / Wattage
NOX-5631 = Round Reflector	27 = 2700K / 90 CRI	WW = White / White Flange	(blank) = 750lm / 12.5W
NOX-5632 = Round Baffle	30 = 3000K / 90 CRI		/12 = 1200lm / 17.5W
	35 = 3500K / 90 CRI		
	40 = 4000K / 90 CRI		
	50 = 5000K / 90 CRI		
NOX-5634 = Round Adjustable	27 = 2700K / 90 CRI	WW = White / White Flange	750lm / 12.5W
	30 = 3000K / 90 CRI		
	40 = 4000K / 90 CRI		
NOX-5631 = Round Reflector	35 = 3500K / 90 CRI	BB = Black / Black Flange	750lm / 12.5W

Optional Accessories

Description
NOX-56EYELIDW = 5"/6" Round Eyelid, White
NOX-56OR-W = 5"/6" Round Oversize Ring, White
NOX-56BLADE = 5"/6" Blade for housings without spring brackets
NRA-211SM = Medium base screw-in socket (included w/luminaire)
NRA-212SM = Socket adapter for use with GU24 housing

Example: **NOX-563150WW/12** = 5"/6" Onyx Round Reflector LED Retrofit, 5000K, White finish, 1200lm / 17.5W

PHOTOMETRICS

5" / 6" Onyx Retrofit Reflectors

Type

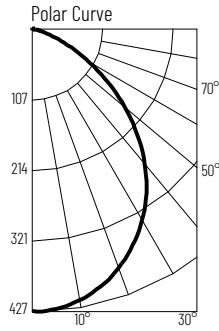
Project

Catalog No.

Notes

Test Information

Test Number: NTR11137
 Part Number: NOX-563140WW
 Lumens: 908lm
 Wattage: 11.8W
 Efficacy: 77lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 1.18
 Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.7fc	8'-5"
6'	11.8fc	12'-7"
8'	6.7fc	16'-8"
10'	4.3fc	20'-11"
12'	3fc	25'-1"

Zonal Lumen Summary

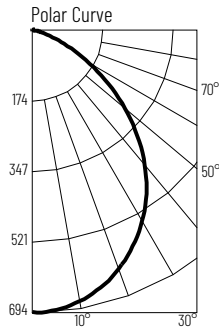
Zone	Lumens	% Luminaire
0-30	319	35.1
0-40	507	55.8
0-60	806	88.7
0-90	902	99.3
90-180	6	0.7
0-180	908	100

Candela Table

Vertical Angles	Candela
0	427
5	423
15	401
25	359
35	294
45	225

Test Information

Test Number: NTR11127
 Part Number: NOX-563140WW/12
 Lumens: 1472lm
 Wattage: 17.3W
 Efficacy: 85lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 1.18
 Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	43fc	8'-4"
6'	19.1fc	12'-5"
8'	10.8fc	16'-7"
10'	6.9fc	20'-8"
12'	4.8fc	24'-11"

Zonal Lumen Summary

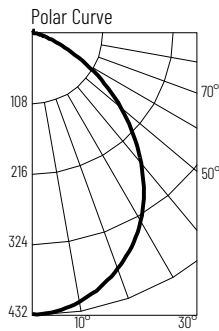
Zone	Lumens	% Luminaire
0-30	515	35
0-40	819	55.7
0-60	1302	88.5
0-90	1461	99.3
90-180	11	0.7
0-180	1472	100

Candela Table

Vertical Angles	Candela
0	689
5	685
15	649
25	579
35	486
45	362

Test Information

Test Number: NTR11136
 Part Number: NOX-563240WW
 Lumens: 922lm
 Wattage: 12.9W
 Efficacy: 72lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 1.22
 Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.8fc	8'-5"
6'	11.9fc	12'-8"
8'	6.7fc	16'-11"
10'	4.3fc	21'-1"
12'	3fc	25'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	322	34.9
0-40	512	55.5
0-60	815	88.3
0-90	914	99
90-180	9	1
0-180	922	100

Candela Table

Vertical Angles	Candela
0	429
5	428
15	409
25	371
35	315
45	240

Color Temperature Multipliers

Color Temperature: 2700K (0.94), 3000K (0.96), 4000K (1.00), 5000K (1.02)