

NOXAC-56 Series

5"/6" AC Onyx Retrofit Reflectors

Source: 12.5W or 15.5W
750lm or 1100lm

PRODUCT DESCRIPTION

AC Onyx 5"/6" 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

- 750 or 1100 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
- ENERGY STAR certified
- 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: Onyx retrofit series includes medium base screw-socket adaptor (NRA-211SM) for retrofitting into existing medium base downlight housings. GU24 socket adaptor is available for use with GU24 housings, must specify NRA-212SM.

ELECTRICAL

Input Voltage: 120VAC

Lumens / Wattage: 750lm / 12.5W or 1100lm / 15.5W

Color Temperature:

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

CRI: 90+ CRI

Operating Temp.:

0°C to 35°C ambient temperature

Dimming: Triac or ELV

[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

NHIC-5LMRAT/277*

5" ICAT Dedicated LED, 277V

NHIC-527LMRAT*

5" ICAT Shallow Dedicated LED

NHIC-501QAT

5" ICAT Line Voltage

NHIC-527QAT

5" ICAT Shallow Line Voltage

NH-501Q

5" Line Voltage

NHIC-5G24ATFL

5" ICAT GU24

NHIC-6LMRAT*

6" ICAT Dedicated LED

NHICCP-6LMRAT*

6" Chicago Plenum Dedicated LED

NHIC-6LMRAT/277*

6" ICAT Dedicated LED, 277V

NHIC-27LMRAT*

6" ICAT Shallow Dedicated LED

NHIC-17QAT

6" ICAT Line Voltage

NHIC-17QNBAT

6" ICAT Line Volt (No Bracket)

NHIC-27QAT

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-504QAT

5" ICAT Line Voltage

NHRIC-527QAT

5" ICAT Shallow Line Voltage

NHR-504Q

5" Line Voltage

NHRIC-5G24ATFL

5" ICAT GU24

NHRIC-6LMRAT*

6" ICAT Dedicated LED

NHRIC-27LMRAT*

6" ICAT Shallow Dedicated LED

NHRIC-17QAT

6" ICAT Line Voltage

NHRIC-17QNBAT

6" ICAT Line Volt (No Bracket)

NHRIC-27QAT

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 include a step down transformer

LABELS AND LISTINGS

- 750lm luminaires are cULus classified for Wet Locations
- 1100lm luminaires are 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 JA8-2019



Type

Project

Catalog No.

Notes

PRODUCT IMAGES AND DIMENSIONS



5"/6" AC Onyx Reflectors

Reflector Type	Color Temperature / CRI	Finish	Lumens / Wattage
NOXAC-5631 = Round Reflector	27 = 2700K / 90 CRI	WW = White / White Flange	(blank) = 750lm / 12.5W /HL = 1100lm / 15.5W
NOXAC-5632 = Round Baffle	30 = 3000K / 90 CRI		
	35 = 3500K / 90 CRI		
	40 = 4000K / 90 CRI		
	50 = 5000K / 90 CRI		

Optional Accessories

Description
NOX-56REFLB = 5"/6" Black Reflector Insert for NOXAC-5631
NOX-56REFLD = 5"/6" Clear Diffused Reflector Insert for NOXAC-5631
NOX-56REFLHZ = 5"/6" Haze Reflector Insert for NOXAC-5631
NOX-56BAFB = 5"/6" Black Baffle Insert for NOXAC-5631
NOX-56BAFW = 5"/6" White Baffle Insert for NOXAC-5631
NOX-56EYELIDW = 5"/6" Round White Eyelid
NOX-56OR-W = 5"/6" Round White Oversize Ring
NOX-56BLADE = 5"/6" Blade for housings without spring brackets
NRA-211SM = Medium base screw-in socket (included w/ each)
NRA-212SM = Socket adaptor for use with GU24 housings

Example: **NOXAC-563130WW/HL** = 5"/6" AC Onyx, Round Reflector LED Retrofit, 3000K / 90 CRI, White Reflector / White Flange, 1100lm / 15.5W

NOXAC-56 Series
5"/6" AC Onyx Retrofit Reflector Accessories

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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.



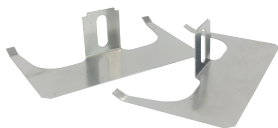
Onyx Eyelid

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"



Onyx Blade Replacement

NOX-56BLADE Pair of Two
Replaces torsion springs with mounting blades for recessed housings without spring brackets.



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 Reflectors

Type

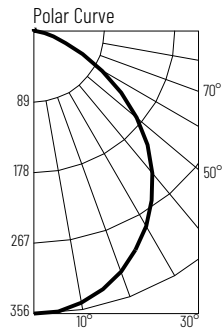
Project

Catalog No.

Notes

Test Information

Test Number: NTR1184
Part Number: NOXAC-563127WW
Beam Spread: 97° Wide Flood
Lumens: 817lm
Wattage: 12.68W
Efficacy: 64lpw
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'	22.3fc	9'-1"
6'	9.9fc	13'-8"
8'	5.6fc	18'-4"
10'	3.6fc	22'-10"
12'	2.5fc	27'-5"

Zonal Lumen Summary

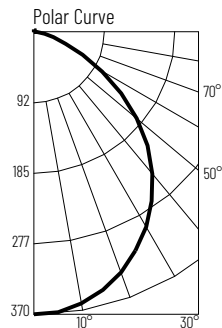
Zone	Lumens	% Luminaire
0-30	269	32.9
0-40	431	52.7
0-60	705	86.3
0-90	808	99
90-180	8	1
0-180	817	100

Candela Table

Vertical Angles	Candela
0	356
5	355
15	337
25	305
35	260
45	203

Test Information

Test Number: NTR1185
Part Number: NOXAC-563130WW
Beam Spread: 97° Wide Flood
Lumens: 850lm
Wattage: 12.83W
Efficacy: 66lpw
CCT / CRI: 3000K / 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'	23.1fc	9'-1"
6'	10.3fc	13'-7"
8'	5.8fc	18'-2"
10'	3.7fc	22'-8"
12'	2.6fc	27'-4"

Zonal Lumen Summary

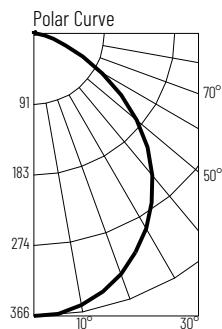
Zone	Lumens	% Luminaire
0-30	279	32.8
0-40	447	52.6
0-60	734	86.3
0-90	842	99
90-180	9	1
0-180	851	100

Candela Table

Vertical Angles	Candela
0	370
5	367
15	349
25	315
35	269
45	210

Test Information

Test Number: NTR1186
Part Number: NOXAC-563135WW
Beam Spread: 95° Wide Flood
Lumens: 824lm
Wattage: 12.72W
Efficacy: 65lpw
CCT / CRI: 3500K / 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'	22.7fc	8'-11"
6'	10.1fc	13'-5"
8'	5.7fc	17'-10"
10'	3.6fc	22'-4"
12'	2.5fc	26'-10"

Zonal Lumen Summary

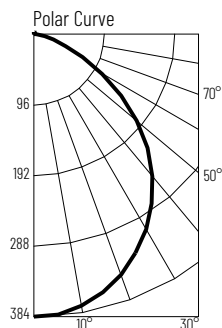
Zone	Lumens	% Luminaire
0-30	273	33.1
0-40	435	52.8
0-60	708	85.9
0-90	816	99
90-180	8	1
0-180	824	100

Candela Table

Vertical Angles	Candela
0	364
5	361
15	343
25	309
35	261
45	203

Test Information

Test Number: NTR1187
Part Number: NOXAC-563140WW
Beam Spread: 96° Wide Flood
Lumens: 869lm
Wattage: 12.7W
Efficacy: 68lpw
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'	24fc	8'-11"
6'	10.7fc	13'-4"
8'	6fc	17'-10"
10'	3.8fc	22'-2"
12'	2.7fc	26'-8"

Zonal Lumen Summary

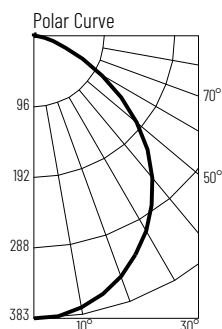
Zone	Lumens	% Luminaire
0-30	287	33.1
0-40	459	52.8
0-60	748	86.1
0-90	860	99
90-180	9	1
0-180	869	100

Candela Table

Vertical Angles	Candela
0	384
5	382
15	363
25	326
35	276
45	214

Test Information

Test Number: NTR1188
Part Number: NOXAC-563150WW
Beam Spread: 96° Wide Flood
Lumens: 862lm
Wattage: 12.72W
Efficacy: 68lpw
CCT / CRI: 5000K / 90 CRI
Spacing Criteria (0°-180): 1.2
Spacing Criteria (90°-270): 1.18



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	24fc	8'-11"
6'	10.6fc	13'-5"
8'	6fc	17'-11"
10'	3.8fc	22'-5"
12'	2.7fc	26'-10"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	287	33.3
0-40	459	53.3
0-60	747	86.7
0-90	853	99
90-180	9	1
0-180	862	100

Candela Table

Vertical Angles	Candela
0	383
5	381
15	362
25	326
35	277
45	215

PHOTOMETRICS

5" / 6" AC Onyx Retrofit Reflectors

Type

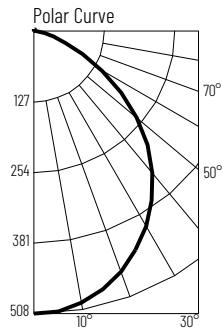
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Notes

Test Information

Test Number: NTR1590R1
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

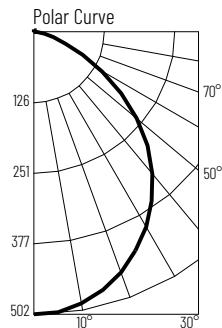
Zone	Lumens	% Luminaire
0-30	382	33.4
0-40	612	53.5
0-60	994	86.9
0-90	1132	99
90-180	12	1
0-180	1144	100

Candela Table

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

Test Information

Test Number: NTR1591R1
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

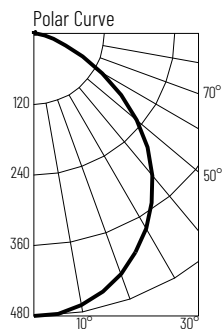
Zone	Lumens	% Luminaire
0-30	376	33.8
0-40	600	54
0-60	969	87.2
0-90	1100	99
90-180	11	1
0-180	1111	100

Candela Table

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

Test Information

Test Number: NTR1592R1
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

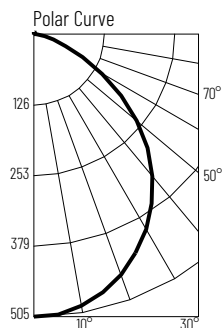
Zone	Lumens	% Luminaire
0-30	361	33.7
0-40	578	53.9
0-60	933	87.1
0-90	1060	99
90-180	11	1
0-180	1071	100

Candela Table

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

Test Information

Test Number: NTR1593R1
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