

NOXAC-5631TW

5"/6" AC Onyx LED Retrofit Reflector with Selectable CCT
Source: 1150lm
16.5W

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

- Delivering over 1150 lumens
- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- 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.

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 adaptor (NRA-211SM) for retrofitting into medium base downlight housings. Intended to be used as a LED lamp replacement. GU24 socket adaptor (NRA-212SM) is available.

ELECTRICAL

Voltage: 120VAC
Lumens / Wattage: 1150lm / 16.5W
Color Temperature: Selectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K (Note: Preset to 3000K)
Color Rendering Index: 90+ CRI
Operating Temperature: 0°C to 25°C ambient temperature
Dimming: Triac/ELV
[Click Here](#) or check complete dimmer list at 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*¹ 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
- NHIC-6LMRAT* 6" ICAT Dedicated LED
- NHIC-6LMRAT/277*¹ 6" ICAT Dedicated LED, 277V
- NHICCP-6LMRAT* 6" Chicago Plenum Dedicated LED
- NHIC-27LMRAT* 6" ICAT Shallow Dedicated LED
- NHIC-17QAT 6" ICAT Line Voltage
- NHIC-17QNBAT 6" ICAT Line Voltage (No Bracket)
- NHIC-27QAT 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-504QAT 5" ICAT Line Voltage
- NHRIC-527QAT 5" ICAT Shallow Line Voltage
- NHRIC-6LMRAT* 6" ICAT Dedicated LED
- NHRIC-27LMRAT* 6" ICAT Shallow Dedicated LED
- NHRIC-17QAT 6" ICAT Line Voltage
- NHRIC-17QNBAT 6" ICAT Line Voltage (No Bracket)
- NHRIC-27QAT 6" ICAT Shallow Line Voltage
- NHR-26Q 6" Line Voltage

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

¹ 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
NOXAC-5631TWWW	1037lm	2700K
NOXAC-5631TWBWW	1089lm	3000K
NOXAC-5631TWBWW	1175lm	3500K
NOXAC-5631TWBWW	1169lm	4000K
NOXAC-5631TWBWW	1113lm	5000K

PRODUCT IMAGES AND DIMENSIONS



5"/6" AC Onyx LED Retrofit Reflector with Selectable CCT

Finish
NOXAC-5631TWB = Black Finish
NOXAC-5631TWWW = White Finish

Optional Accessories

Description
NRA-211SM = Medium base screw-in socket (included w/ each)
NRA-212SM = Socket adaptor for use with GU24 housings

Example: NOXAC-5631TWWW = 5"/6" AC Onyx LED Round Retrofit Reflector with Selectable CCT, White Reflector / White Flange

PHOTOMETRICS

5" / 6" AC Onyx LED Retrofit Reflector with Selectable CCT

Type

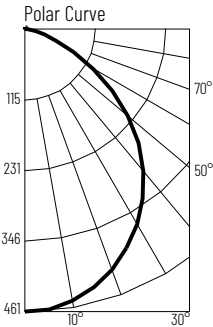
Project

Catalog No.

Notes

Test Information

Test Number: NTR2287R1
Part Number: NOXAC-5631TWWW
Beam Spread: 96° Wide Flood
Lumens: 1037lm
Wattage: 16.28W
Efficacy: 64lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	28.7fc	8'-11"
6'	12.8fc	13'-4"
8'	7.2fc	17'-10"
10'	4.6fc	22'-2"
12'	3.2fc	26'-8"

Zonal Lumen Summary

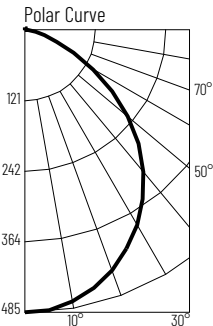
Zone	Lumens	% Luminaire
0-30	348	33.6
0-40	559	53.9
0-60	911	87.9
0-90	1037	100
90-180	0	0
0-180	1037	100

Candela Table

Vertical Angles	Candela
0	460
5	457
15	437
25	398
35	338
45	258

Test Information

Test Number: NTR2288R1
Part Number: NOXAC-5631TWWW
Beam Spread: 96° Wide Flood
Lumens: 1089lm
Wattage: 16.32W
Efficacy: 67lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	30.2fc	8'-11"
6'	13.4fc	13'-4"
8'	7.5fc	17'-10"
10'	4.8fc	22'-2"
12'	3.4fc	26'-7"

Zonal Lumen Summary

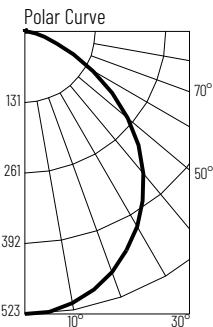
Zone	Lumens	% Luminaire
0-30	366	33.6
0-40	586	53.9
0-60	956	87.8
0-90	1089	100
90-180	0	0
0-180	1089	100

Candela Table

Vertical Angles	Candela
0	482
5	480
15	459
25	417
35	355
45	271

Test Information

Test Number: NTR2289R1
Part Number: NOXAC-5631TWWW
Beam Spread: 96° Wide Flood
Lumens: 1175lm
Wattage: 16.54W
Efficacy: 71lpw
CCT / CRI: 3500K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	32.6fc	8'-11"
6'	14.5fc	13'-4"
8'	8.1fc	17'-8"
10'	2fc	22'-2"
12'	3.6fc	26'-7"

Zonal Lumen Summary

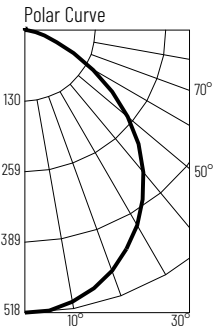
Zone	Lumens	% Luminaire
0-30	395	33.6
0-40	633	53.9
0-60	1032	87.8
0-90	1175	100
90-180	0	0
0-180	1175	100

Candela Table

Vertical Angles	Candela
0	521
5	517
15	493
25	451
35	383
45	293

Test Information

Test Number: NTR2290R1
Part Number: NOXAC-5631TWWW
Beam Spread: 96° Wide Flood
Lumens: 1169lm
Wattage: 16.3W
Efficacy: 72lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	32.4fc	9'
6'	14.4fc	13'-5"
8'	8.1fc	17'-11"
10'	5.2fc	22'-5"
12'	3.6fc	26'-11"

Zonal Lumen Summary

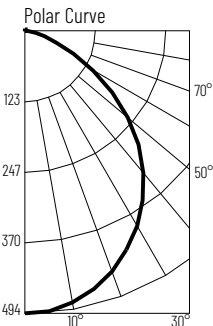
Zone	Lumens	% Luminaire
0-30	393	33.6
0-40	630	53.9
0-60	1027	87.8
0-90	1169	100
90-180	0	0
0-180	1169	100

Candela Table

Vertical Angles	Candela
0	518
5	515
15	493
25	449
35	381
45	291

Test Information

Test Number: NTR2291R1
Part Number: NOXAC-5631TWWW
Beam Spread: 96° Wide Flood
Lumens: 1113lm
Wattage: 15.97W
Efficacy: 70lpw
CCT / CRI: 5000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	30.9fc	9'
6'	13.7fc	13'-6"
8'	7.7fc	17'-11"
10'	4.9fc	22'-5"
12'	3.4fc	26'-11"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	374	33.6
0-40	600	53.9
0-60	977	87.8
0-90	1113	100
90-180	0	0
0-180	1113	100

Candela Table

Vertical Angles	Candela
0	494
5	492
15	471
25	428
35	364
45	277