

NOXAC-56RGTWW

5"/6" AC Onyx Round Adjustable LED Retrofit

Source: 14.5W
1050lm

PRODUCT DESCRIPTION

5"/6" AC Onyx Round Adjustable LED retrofit downlights 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.

FEATURES

- 40° tilt and 180° rotation
- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- Dimmable AC LED
- Includes medium base socket adapter for easy retrofitting in 5" and 6" recessed housings
- Quick connector is compatible with dedicated LED housings
- 5-year limited warranty
- cETLus classified for indoor Damp Locations
- ENERGY STAR certified

SPECIFICATION

Reflector: One piece, spun 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 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

Voltage: 120VAC

Lumens / Wattage: 1050lm / 14.5W

Color Temperature: Selectable CCT:

27K / 30K / 35K / 40K / 50K (Note: Preset to 3000K)

Color Rendering Index: 90+ CRI

Beam Spread: 96° Flood

Operating Temperature: 0°C to 25°C

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

Fire Box

- [NFBC-5INCATA](#) 5" ICAT Fire Box
- [NFBC-5LMRATA*](#) 5" ICAT Dedicated LED Fire Box
- [NFBC-6INCATA](#) 6" ICAT Fire Box
- [NFBC-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-5010AT](#) 5" ICAT Line Voltage
- [NHIC-5270AT](#) 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-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 cULus listed for use only with Nora LED Retrofits.

¹ Housings include a step down transformer

LABELS AND LISTINGS

- cETLus classified for Damp 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

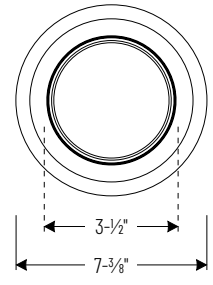
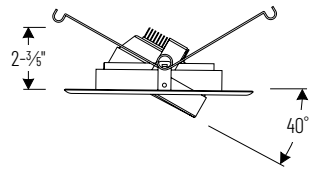
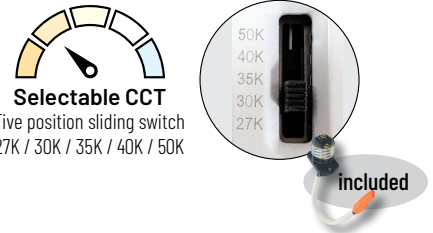
Catalog No.

Notes

Performance Data

Part Number	2700K	3000K	3500K	4000K	5000K
NOXAC-56RGTW	961lm	1023lm	1086lm	1073lm	1038lm

PRODUCT IMAGES AND DIMENSIONS



5"/6" AC Onyx Round Adjustable LED Retrofit

Description

NOXAC-56RGTWW = 5"/6" AC Onyx Round Adjustable LED Retrofit, White Finish

Optional Accessories

Description

NRA-21ISM = Medium base screw-in socket (included w/ each)

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

Example: **NOXAC-65RGTWW** = 5"/6" AC Onyx Adjustable LED Retrofit, White Finish

PHOTOMETRICS

5"/6" AC Onyx Round Adjustable LED Retrofit

Type

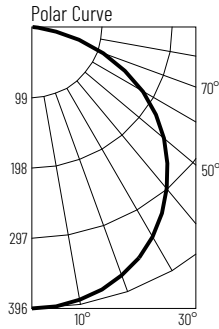
Project

Catalog No.

Notes

Test Information

Test Number: NTR2202R1
 Part Number: NOXAC-56RGTWWW
 Beam Spread: 96° Flood
 Lumens: 961lm
 Wattage: 14.06W
 Efficacy: 68lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 1.16
 Spacing Criteria (90°-270°): 1.16



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	24.7fc	8'-11"
6'	11fc	13'-5"
8'	6.2fc	17'-10"
10'	4fc	22'-4"
12'	2.8fc	26'-8"

Zonal Lumen Summary

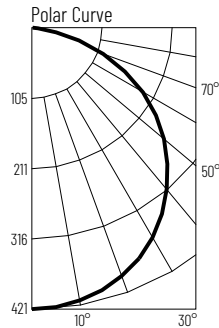
Zone	Lumens	% Luminaire
0-30	293	30.5
0-40	464	48.3
0-60	773	80.4
0-90	955	99.3
90-180	6	0.7
0-180	961	100

Candela Table

Vertical Angles	Candela
0	396
5	393
15	372
25	330
35	275
45	215

Test Information

Test Number: NTR2203R1
 Part Number: NOXAC-56RGTWWW
 Beam Spread: 96° Flood
 Lumens: 1023lm
 Wattage: 14.16W
 Efficacy: 72lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.16
 Spacing Criteria (90°-270°): 1.16



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.3fc	8'-11"
6'	11.7fc	13'-5"
8'	6.6fc	17'-10"
10'	4.2fc	22'-4"
12'	2.9fc	26'-8"

Zonal Lumen Summary

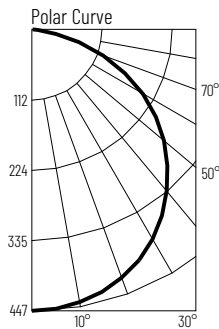
Zone	Lumens	% Luminaire
0-30	311	30.5
0-40	494	48.3
0-60	822	80.4
0-90	1016	99.3
90-180	6.8	0.7
0-180	1023	100

Candela Table

Vertical Angles	Candela
0	421
5	419
15	395
25	351
35	292
45	229

Test Information

Test Number: NTR2204R1
 Part Number: NOXAC-56RGTWWW
 Beam Spread: 96° Flood
 Lumens: 1086lm
 Wattage: 14.33W
 Efficacy: 76lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.16
 Spacing Criteria (90°-270°): 1.16



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	27.9fc	8'-11"
6'	12.4fc	13'-5"
8'	7fc	17'-10"
10'	4.5fc	22'-4"
12'	3.1fc	26'-8"

Zonal Lumen Summary

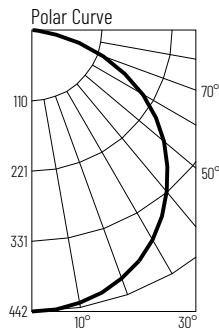
Zone	Lumens	% Luminaire
0-30	331	30.5
0-40	524	48.3
0-60	873	80.4
0-90	1078	99.3
90-180	7	0.7
0-180	1086	100

Candela Table

Vertical Angles	Candela
0	447
5	444
15	419
25	372
35	310
45	243

Test Information

Test Number: NTR2205R1
 Part Number: NOXAC-56RGTWWW
 Beam Spread: 96° Flood
 Lumens: 1073lm
 Wattage: 14.13W
 Efficacy: 76lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.16
 Spacing Criteria (90°-270°): 1.16



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	27.6fc	8'-11"
6'	12.3fc	13'-5"
8'	6.9fc	17'-10"
10'	4.4fc	22'-4"
12'	3.1fc	26'-8"

Zonal Lumen Summary

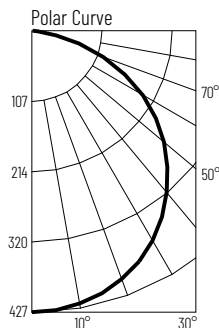
Zone	Lumens	% Luminaire
0-30	327	30.5
0-40	518	48.3
0-60	863	80.4
0-90	1066	99.3
90-180	7.1	0.7
0-180	1073	100

Candela Table

Vertical Angles	Candela
0	442
5	439
15	414
25	368
35	306
45	240

Test Information

Test Number: NTR2206R1
 Part Number: NOXAC-56RGTWWW
 Beam Spread: 96° Flood
 Lumens: 1038lm
 Wattage: 13.97W
 Efficacy: 74lpw
 CCT / CRI: 5000K / 90 CRI
 Spacing Criteria (0°-180°): 1.16
 Spacing Criteria (90°-270°): 1.16



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	17.3fc	12'-4"
6'	7.7fc	18'-6"
8'	4.3fc	24'-8"
10'	2.8fc	30'-10"
12'	1.9fc	37'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	316	30.5
0-40	501	48.3
0-60	834	80.4
0-90	1031	99.3
90-180	6.8	0.7
0-180	1038	100

Candela Table

Vertical Angles	Candela
0	427
5	425
15	400
25	356
35	296
45	232