

NOXAC-636

6" AC Onyx Square LED Retrofit Reflector

Source: 17W LED
1100lm

Type	
Project	
Catalog No.	
Notes	

PRODUCT DESCRIPTION

AC Onyx Retrofit Series requires no driver and allow for a sleek design. Square reflectors are suitable for use with most 6" recessed housings. Die-cast aluminum construction provides clean sharp edges. Deep regressed optics and square aperture delivers even and glare-free illumination.

FEATURES:

- 1100lm / 17W
- 2700K, 3000K or 4000K @ 90+ CRI
- Includes medium base socket adaptor for easy retrofitting in 6" recessed housings
- 5-year limited warranty
- ENERGY STAR certified
- cETLus 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 6" IC and non-IC housings by Nora and others.

Mounting: Two steel, spring mounting wires allow for easy and secure mounting in most 6" housings.

Retrofit: Onyx retrofit series includes medium base screw-socket adapter (NRA-21ISM) 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: 120VAC

Lumens / Wattage: 1100lm / 17W

Color Temperature: 2700K, 3000K or 4000K

Color Rendering Index: 90+CRI

Operating Temperature: 0°C to 30°C

Dimming: Triac (leading edge) or ELV (trailing edge)

[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 6" IC and Non-IC housings by Nora and others.

Fire Box

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

New Construction

- [NHIC-6LMRAT*](#) 6" ICAT Dedicated LED
- [NHICCP-6LMRAT*](#) 6" Chicago Plenum Dedicated LED (Note: NHICCP-6LMRAT is not compatible with 1200lm)
- [NHIC-6LMRAT/277*](#) 6" ICAT Dedicated LED, 277V (includes step down transformer)
- [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-260](#) 6" Line Voltage
- [NH-270](#) 6" Shallow Line Voltage
- [NHIC-6G24ATFL](#) 6" ICAT GU24

Remodel

- [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-260](#) 6" Line Voltage
- [NHR-270](#) 6" Shallow Line Voltage

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

LABELS AND LISTINGS

- 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 JA8-2022

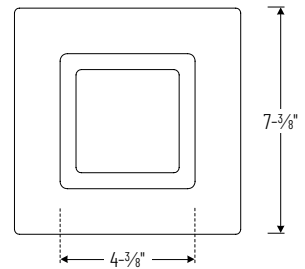
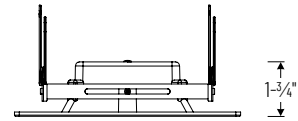


Performance Data

Part Number	Lumens	CCT
NOXAC-63627WW/HL	1050lm	2700K
NOXAC-63630WW/HL	1079lm	3000K
NOXAC-63640WW/HL	1140lm	4000K

Delivered lumens will vary depending on finish

PRODUCT IMAGES AND DIMENSIONS



6" AC Onyx Square LED Retrofit Reflector

Color Temperature

- **NOXAC-63627WW/HL** = 2700K
- **NOXAC-63630WW/HL** = 3000K
- **NOXAC-63640WW/HL** = 4000K

Optional Accessories

Description

- **NRA-21ISM** = Medium base screw-in socket (included w/ ea)
- **NRA-212SM** = Socket adapter for use with GU24 housings

Example: **NOXAC-63640WW/HL** = 6" AC Onyx Square LED Retrofit Reflector, 4000K, White finish, 1100lm / 17W

NOXAC-636

6" AC Onyx Square LED Retrofit Reflector Photometrics

Type

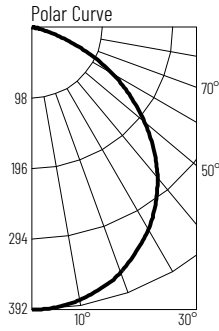
Project

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Test Information

Test Number: NTR2133R1
 Part Number: NOXAC-63627WW/HL
 Beam Spread: 110° Wide Flood
 Lumens: 1050lm
 Wattage: 16.42W
 Efficacy: 64lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	22.3fc	11'-8"
6'	9.9fc	17'-6"
8'	5.6fc	23'-4"
10'	3.6fc	29'-1"
12'	2.5fc	35'-0"

Zonal Lumen Summary

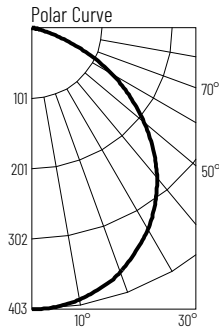
Zone	Lumens	% Luminaire
0-30	307	29.2
0-40	504	48.0
0-60	889	84.7
0-90	1050	100
90-180	0	0
0-180	1050	100

Candela Table

Vertical Angles	Candela
0	392
5	390
15	379
25	355
35	316
45	262

Test Information

Test Number: NTR2134R1
 Part Number: NOXAC-63630WW/HL
 Beam Spread: 110° Wide Flood
 Lumens: 1079lm
 Wattage: 15.81W
 Efficacy: 68lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.4fc	11'-8"
6'	10.4fc	17'-6"
8'	5.6fc	23'-4"
10'	3.7fc	29'-1"
12'	2.6fc	35'-0"

Zonal Lumen Summary

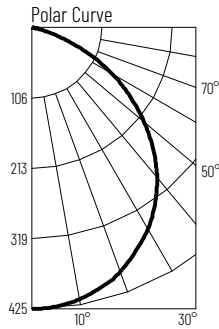
Zone	Lumens	% Luminaire
0-30	315	29.2
0-40	518	48.0
0-60	914	84.7
0-90	1079	100
90-180	0	0
0-180	1079	100

Candela Table

Vertical Angles	Candela
0	402
5	401
15	390
25	365
35	324
45	269

Test Information

Test Number: NTR2135R1
 Part Number: NOXAC-63640WW/HL
 Beam Spread: 110° Wide Flood
 Lumens: 1140lm
 Wattage: 16.31W
 Efficacy: 70lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	24fc	11'-8"
6'	10.6fc	17'-6"
8'	6fc	23'-4"
10'	13.8fc	29'-1"
12'	2.7fc	35'-0"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	333	29.2
0-40	548	48.0
0-60	966	84.72
0-90	1140	100
90-180	0	0
0-180	1140	100

Candela Table

Vertical Angles	Candela
0	425
5	234
15	412
25	385
35	343
45	285