

NOXAC-4RWTW / NOXAC-4SWTW

4" AC Onyx Wall Wash LED Retrofit

Source: 11W LED

800lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

4" AC Onyx wall wash LED retrofit downlights requires no driver and allow for a sleek design. Square trims are also compatible for use with most 4" recessed housings. Die-cast aluminum construction provides clean sharp edges.

FEATURES:

- Delivering up to 800 lumens
- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- Dimmable AC LED
- Includes medium base socket adapter for easy retrofitting in 4" recessed housings
- Quick connector is compatible with dedicated LED housings
- 5-year limited warranty
- cULus classified for indoor wet locations
- ENERGY STAR certified

SPECIFICATION

Reflector: One piece, die-cast 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 4" 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: 120VAC

Lumens / Wattage: Up to 800lm / 11W

Color Temperature: Selectable CCT: 27K / 30K / 35K / 40K / 50K (Note: Preset to 3000K)

Color Rendering Index: 90+ CRI

Operating Temperature: 0°C to 25°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 4" IC and Non-IC housings by Nora and others.

Fire Box

- [NFJB-R4*](#) ICAT Junction Box
- [NFBIC-4LMRATA*](#) IC Air-Tight Dedicated LED Firebox
- [NFBIC-427LMRATA*](#) Shallow ICAT Dedicated LED Firebox
- [NFBIC-4INCATA](#) IC Air-Tight Line Voltage Firebox

New Construction

- [NHIC-4LMRAT*](#) IC Air-Tight Dedicated LED
- [NHIC-4LMRAT/277*](#) ICAT Dedicated LED, 277V (includes step-down transformer)
- [NHICCP-4LMRAT*](#) Chicago Plenum Dedicated LED
- [NHIC-427LMRAT*](#) Shallow IC Air-Tight Dedicated LED
- [NSIC-401QAT](#) IC Air-Tight Line Voltage
- [NS-401QAT](#) Air-Tight Line Voltage
- [NHIC-4G24AT](#) IC Air-Tight GU24

Remodel

- [NHRIC-4LMRAT*](#) IC Air-Tight Dedicated LED
 - [NHRIC-427LMRAT*](#) Shallow IC Air-Tight Dedicated LED
 - [NSR-404QAT](#) Air-Tight Line Voltage
 - [NSRIC-404QAT](#) IC Air-Tight Line Voltage
- * Nora LED Dedicated housings are listed for use only with Nora LED Retrofits.

LABELS AND LISTINGS

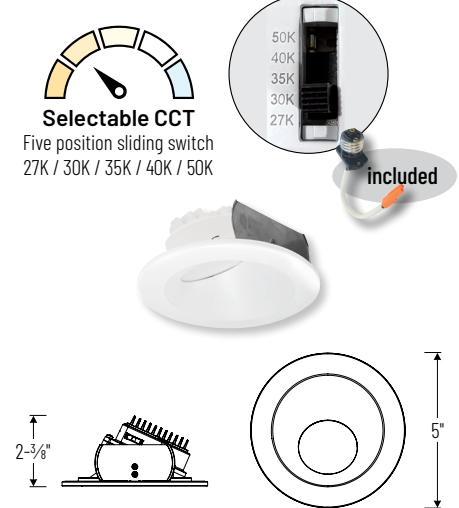
- cULus classified for indoor Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Meets ASTM-E283 Air-Tight requirements
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JAB-2022



Performance Data

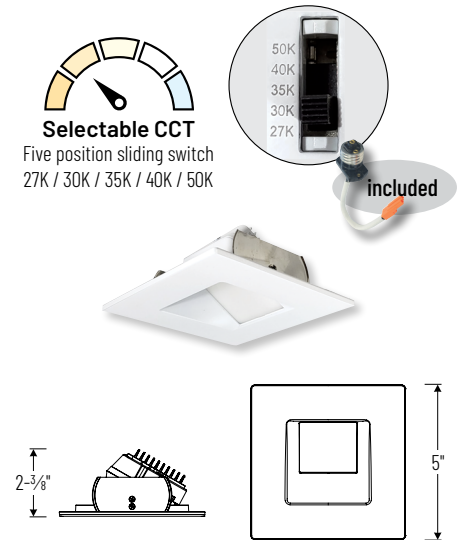
Part Number	2700K	3000K	3500K	4000K	5000K
NOXAC-4RWTW	696lm	755lm	803lm	776lm	734lm
NOXAC-4SWTW	624lm	686lm	737lm	720lm	692lm

PRODUCT IMAGES AND DIMENSIONS



NOXAC-4RWTWW

Round Wall Wash



NOXAC-4SWTWW

Square Wall Wash

4" AC Onyx Wall Wash LED Retrofit

Description

- NOXAC-4RWTWW** = Round Wall Wash, up to 800lm
- NOXAC-4SWTWW** = Square Wall Wash, up to 700lm

Optional Accessories

Description

- NRA-211SM** = Medium base screw-in socket (included w/ ea)
- NRA-212SM** = Socket adapter for use with GU24 housings

Example: **NOXAC-4RWTWW** = 4" AC Onyx Round Wall Wash LED Retrofit, Selectable CCT (2700K / 3000K / 3500K / 4000K / 5000K), White Finish

PHOTOMETRICS

4" AC Onyx Wall Wash Retrofit

Type

Project

Catalog No.

Notes

Test Information

Test Number: NTR2166R1
 Part Number: NOXAC-4RWTWWW
 Lumens: 803lm
 Wattage: 10.67W
 Efficacy: 75lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.64
 Spacing Criteria (90°-270°): 1.30

Multiple unit data (footcandles)

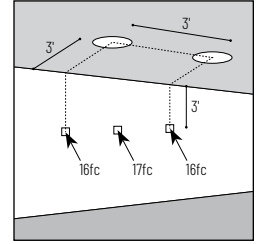
Distance from ceiling (ft.)	2' from wall 2' on center		
1'	44	44	45
2'	37	40	37
3'	21	23	21
4'	12	13	12
5'	7	7	7
6'	5	5	5
7'	3	3	3
8'	2	2	2
9'	2	2	2
10'	1	1	1

Multiple unit data (footcandles)

Distance from ceiling (ft.)	2' from wall 3' on center		
1'	39	30	39
2'	31	31	31
3'	18	19	18
4'	10	11	10
5'	6	7	6
6'	4	4	4
7'	3	3	3
8'	2	2	2
9'	2	2	2
10'	1	1	1

Multiple unit data (footcandles)

Distance from ceiling (ft.)	3' from wall 3' on center		
1'	13	13	13
2'	21	22	21
3'	16	17	16
4'	11	12	11
5'	8	8	8
6'	5	6	5
7'	4	4	4
8'	3	3	3
9'	2	2	2
10'	2	2	2



Example: Two luminaires located 3' from wall and spaced 3' on center, the illumination on the wall 3' down from ceiling will be 16fc beneath and 17fc between luminaires.

Lumen Output Multipliers

Color Temperature: 2700K (0.87), 3000K (0.94), 3500K (1.00), 4000K (0.97), 5000K (0.91)

Test Information

Test Number: NTR2171R1
 Part Number: NOXAC-4SWTWWW
 Lumens: 737lm
 Wattage: 10.65W
 Efficacy: 69lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.62
 Spacing Criteria (90°-270°): 1.26

Multiple unit data (footcandles)

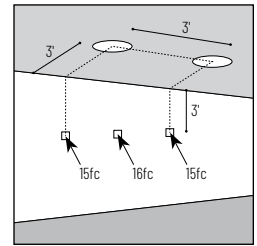
Distance from ceiling (ft.)	2' from wall 2' on center		
1'	38	39	38
2'	34	37	34
3'	20	21	20
4'	11	12	11
5'	7	7	7
6'	4	4	4
7'	3	3	3
8'	2	2	2
9'	1	1	1
10'	1	1	1

Multiple unit data (footcandles)

Distance from ceiling (ft.)	2' from wall 3' on center		
1'	33	27	33
2'	28	28	28
3'	17	18	17
4'	10	11	10
5'	6	7	6
6'	4	4	4
7'	3	3	3
8'	2	2	2
9'	1	1	1
10'	1	1	1

Multiple unit data (footcandles)

Distance from ceiling (ft.)	3' from wall 3' on center		
1'	12	12	12
2'	18	19	18
3'	15	16	15
4'	10	11	10
5'	7	8	7
6'	5	6	5
7'	5	5	5
8'	4	4	4
9'	3	3	3
10'	2	2	2



Example: Two luminaires located 3' from wall and spaced 3' on center, the illumination on the wall 3' down from ceiling will be 15fc beneath and 16fc between luminaires.

Lumen Output Multipliers

Color Temperature: 2700K (0.85), 3000K (0.93), 3500K (1.00), 4000K (0.98), 5000K (0.94)