

# 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](http://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

- [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)
- [NHICP-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 JA8-2022



## Performance Data

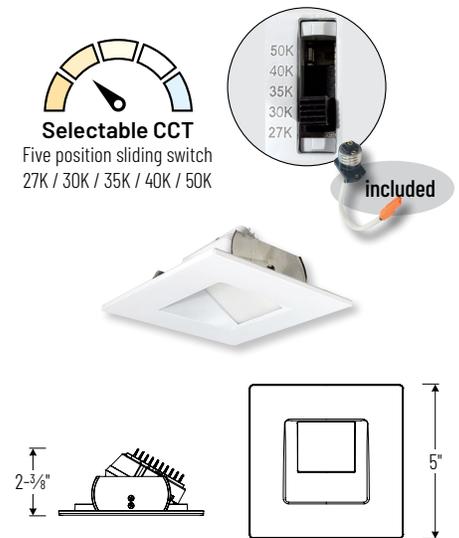
| Part Number        | 2700K | 3000K | 3500K | 4000K | 5000K |
|--------------------|-------|-------|-------|-------|-------|
| <b>NOXAC-4RWTW</b> | 696lm | 755lm | 803lm | 776lm | 734lm |
| <b>NOXAC-4SWTW</b> | 624lm | 686lm | 737lm | 720lm | 692lm |

## 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)

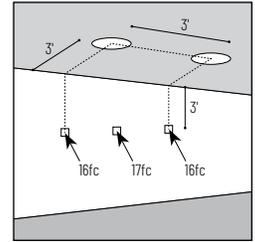
| Distance from ceiling (ft.) | 2' from wall<br>2' on center |    |    |
|-----------------------------|------------------------------|----|----|
|                             |                              |    |    |
| 1'                          | 44                           | 44 | 45 |
| 2'                          | 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<br>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<br>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)

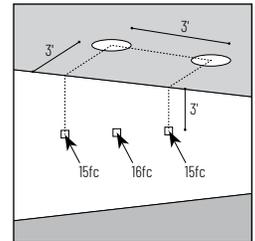
| Distance from ceiling (ft.) | 2' from wall<br>2' on center |    |    |
|-----------------------------|------------------------------|----|----|
|                             |                              |    |    |
| 1'                          | 38                           | 39 | 38 |
| 2'                          | 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<br>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<br>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)