

# NSLIM-4RL1TW

4" Slim LED Surface Mount with Selectable CCT

Source: 11W LED  
800lm

Type
Project
Catalog No.
Notes

## PRODUCT DESCRIPTION

Ultra slim LED surface mount boasts a low-profile form factor, lending it a sleek design. Trim easily removes for installation and can easily be swapped with different finish. The Slim is ideal for residential or commercial spaces and creates a polished aesthetic.

## FEATURES:

- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- Includes medium base socket adaptor for easy retrofitting over 4" recessed housings
- 5-year limited warranty
- ENERGY STAR certified
- cULus listed and classified for indoor wet locations

## SPECIFICATION

**Construction:** Aluminum surface mounted luminaire dissipates heat away from electrical components. An integral CCT switch changes the color temperature from 2700K to 5000K. Luminaire comes standard with a matte powder white round trim. Easily replace trim ring with another finish for a seamless appearance.

**Mounting:** Aluminum housing used to surface mount over 4" metallic or non-metallic octagonal junction box only.

**Retrofit:** Each luminaire includes a retrofit kit with medium base socket adapter to mount over 4" recessed housings. Kit also includes torsion blade brackets that hold luminaire flush against ceiling. Retrofit kit is intended to be used with a lighting fixture as a lamp replacement.

## ELECTRICAL

**Input Voltage:** 120VAC

**Lumens / Wattage:** 800lm / 11W

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

**Color Rendering Index:** 90+CRI

**Beam Spread:** 99° Wide Flood

**Operating Temperature:** 0°C to 35°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

Slim surface mounts 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-40IQAT](#) IC Air-Tight Line Voltage
- [NS-40IQAT](#) Air-Tight Line Voltage

### 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.

### Trim Accessory

Luminaire trim plate can easily be changed to another finish with optional accessory ([NSLIM-4RDT](#)).

## LABELS AND LISTINGS

- cULus listed and 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
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1)



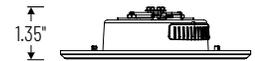
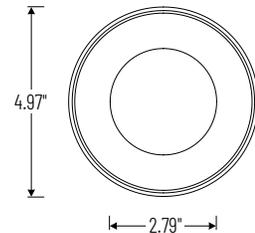
## Performance Data

Part Number	2700K	3000K	3500K	4000K	5000K
<b>NSLIM-4RL1TW</b>	787lm	798lm	846lm	839lm	844lm

## PRODUCT IMAGES AND DIMENSIONS



**Selectable CCT**  
Five position sliding switch  
27K / 30K / 35K / 40K / 50K



**NSLIM-4RDTB**  
Round Face Plate, Black Finish



**NSLIM-4RDTS**  
Round Face Plate, Silver Finish

## 4" Slim LED Surface Mount with Selectable CCT

Face Plate Finish

**NSLIM-4RL1TWPW** = Matte Powder White finish

## Trim Accessory

Description

**NSLIM-4RDTB** = Round Face Plate, Black Finish

**NSLIM-4RDTS** = Round Face Plate, Silver Finish

Example: **NSLIM-4RL1TWPW** = 4" Slim LED Surface Mount with Selectable CCT, Matte Powder White Finish

# PHOTOMETRICS

## 4" Slim LED Surface Mount with Selectable CCT

Type

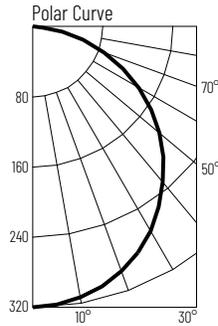
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### Test Information

Test Number: NTS196R1  
 Part Number: NSLIM-4RLITWMPW  
 Beam Spread: 99° Wide Flood  
 Lumens: 787lm  
 Wattage: 10.29W  
 Efficacy: 76lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.18  
 Spacing Criteria (90°-270°): 1.18



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	20fc	9'-5"
6'	8.9fc	14'-1"
8'	5.0fc	18'-10"
10'	3.2fc	23'-6"
12'	2.2fc	28'-2"

### Zonal Lumen Summary

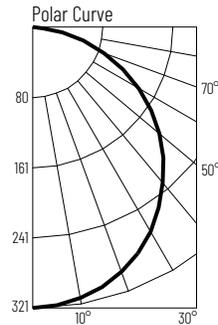
Zone	Lumens	% Luminaire
0-30	200	25.4
0-40	325	41.3
0-60	627	79.6
0-90	787	100
90-180	0	0
0-180	787	100

### Candela Table

Vertical Angles	Candela
0	322
5	318
15	302
25	272
35	229
45	181

### Test Information

Test Number: NTS197R1  
 Part Number: NSLIM-4RLITWMPW  
 Beam Spread: 99° Wide Flood  
 Lumens: 798lm  
 Wattage: 10.31W  
 Efficacy: 77lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.18  
 Spacing Criteria (90°-270°): 1.18



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	20.1fc	9'-6"
6'	8.9fc	14'-2"
8'	5.0fc	19'-0"
10'	3.2fc	23'-8"
12'	2.2fc	28'-6"

### Zonal Lumen Summary

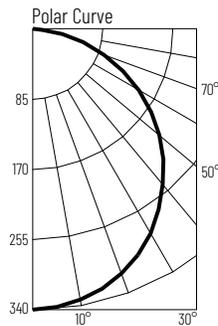
Zone	Lumens	% Luminaire
0-30	242	30.3
0-40	387	48.5
0-60	650	81.5
0-90	798	100
90-180	0	0
0-180	798	100

### Candela Table

Vertical Angles	Candela
0	321
5	319
15	303
25	274
35	231
45	184

### Test Information

Test Number: NTS198R1  
 Part Number: NSLIM-4RLITWMPW  
 Beam Spread: 99° Wide Flood  
 Lumens: 846lm  
 Wattage: 10.45W  
 Efficacy: 81lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.20  
 Spacing Criteria (90°-270°): 1.18



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	21.3fc	9'-6"
6'	9.5fc	14'-4"
8'	5.3fc	19'-0"
10'	3.4fc	23'-10"
12'	2.4fc	28'-7"

### Zonal Lumen Summary

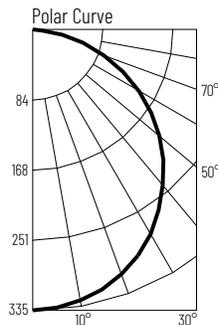
Zone	Lumens	% Luminaire
0-30	213	25.2
0-40	348	44.1
0-60	673	97.1
0-90	846	100
90-180	0	0
0-180	846	100

### Candela Table

Vertical Angles	Candela
0	340
5	338
15	322
25	291
35	246
45	195

### Test Information

Test Number: NTS199R1  
 Part Number: NSLIM-4RLITWMPW  
 Beam Spread: 100° Wide Flood  
 Lumens: 839lm  
 Wattage: 10.39W  
 Efficacy: 81lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.20  
 Spacing Criteria (90°-270°): 1.20



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	20.9fc	9'-7"
6'	9.3fc	14'-5"
8'	5.2fc	19'-2"
10'	3.4fc	24'-0"
12'	2.3fc	28'-8"

### Zonal Lumen Summary

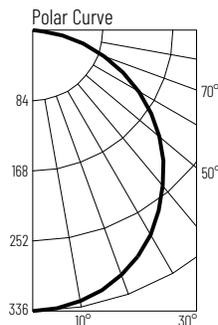
Zone	Lumens	% Luminaire
0-30	253	30.1
0-40	405	48.3
0-60	683	81.4
0-90	839	100
90-180	0	0
0-180	839	100

### Candela Table

Vertical Angles	Candela
0	335
5	333
15	318
25	288
35	243
45	193

### Test Information

Test Number: NTS200R1  
 Part Number: NSLIM-4RLITWMPW  
 Beam Spread: 100° Wide Flood  
 Lumens: 844lm  
 Wattage: 10.4W  
 Efficacy: 81lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.20  
 Spacing Criteria (90°-270°): 1.20



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	21.0fc	9'-7"
6'	9.3fc	14'-5"
8'	5.3fc	19'-2"
10'	3.4fc	24'-0"
12'	2.3fc	28'-10"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	211	25.0
0-40	345	40.9
0-60	669	79.3
0-90	844	100
90-180	0	0
0-180	844	100

### Candela Table

Vertical Angles	Candela
0	336
5	334
15	318
25	288
35	244
45	194