

NLWPSW

Wraparound with Selectable Lumens & CCT

Source: 16W to 65W LED
2000lm to 8100lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Wraparound luminaires includes an integral CCT switch to change the color temperature at any time! Surface mounted, it's ideal for commercial, residential, industrial, and retail applications, such as stairwells, hallways, garages, schools, offices, and more. Easy to install and great for replacing outdated fluorescents with an energy efficient, cost saving alternative. The luminaire's lens is designed to uniformly spread and soften the appearance of the light while maximizing its distribution and output. Each luminaire includes two switches; Selectable Lumens easily allows the end user to determine the wattage input & Selectable CCT changes the color temperature appearance so it is perfectly customized to your needs.

FEATURES

- cULus Listed
- Selectable Lumen switch changes lumen output and wattage
- Selectable CCT switch changes the color temperature from 3000K / 3500K / 4000K
- 120-277V input; 0-10V dimming
- DLC Listed
- Optional emergency and/or motion sensor for 4' wraparound only

SPECIFICATION

Construction: Steel stamped body. Finished in white powder coat. Top, end and cap knockouts.

Switches: Each luminaire includes two switches on the top of the driver enclosure. Selectable Lumen switch changes the lumen output and wattage. Selectable CCT switch changes the color temperature.

MOUNTING

2' Wrap: Luminaires can be surface mounted only.

4' Wrap: Luminaires can be surface mounted, wall mounted or suspended with pendant kit (ordered separately: NLWPSWA-PK).

ELECTRICAL

Input Voltage: 120-277VAC

Lumens / Wattage: See chart below

Color Temperature: Selectable CCT (3000K / 3500K / 4000K); Preset to 3000K

Color Rendering Index: 80+ CRI

Beam Spread: 100° Wide Flood

Operating Temperature: 0°C to 45°C

Lifetime: 60,000 hours @ L70

Dimming: 0-10V

OPTIONAL ACCESSORY

NLWPSWA-PK: Pendant Kit for 4' only (canopy, 8' aircraft cable and hooks)

Optional motion sensor (4' only): Microwave motion sensor can detect motion up to 17' away and 120° under the luminaire. All MS are preset to dim from 100% to 50% after 1 minute, then turn off after another minute without detected motion. The light sensor is enabled to keep fixture inactive when detecting light levels of 50 Lux or higher for daylight savings. Dip switches can be used to change the motion sensor settings. After each power cycle, the fixture will perform a start-up cycle and resume normal operation. Note: 0-10V dimmer cannot be used with MS and EMMS configurations.

Emergency (4' only): Luminaire can be specified with an emergency battery with integral test switch. Battery operates luminaire at 8W for 90-minute emergency operation on fully charged battery. Battery may take up to 24 hours to fully charge.

LABELS AND LISTINGS

- DLC Listed (Direct Linear, Stairwell and Passageway)
- cULus Listed for Damp Locations
- [5-Year Limited Warranty](#)
- FCC Compliant
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1)



| Performance Data | | | |
|--------------------|--------|---------|-------|
| Part Numbers | Lumens | Wattage | CCT |
| NLWPSW-2L334W (2') | 2024lm | 16W | 4000K |
| | 2609lm | 20W | |
| | 3150lm | 34W | |
| NLWPSW-4L334W (4') | 7057lm | 55W | 3500K |
| | 7586lm | 60W | |
| | 8100lm | 65W | |

Delivered lumens will vary depending on color temperature

PRODUCT IMAGES AND DIMENSIONS



Selectable Lumens

Three position sliding switch



Selectable CCT

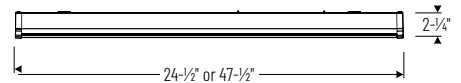
Three position sliding switch
3000K / 3500K / 4000K



NLWPSW-2L334W
2' Wraparound



NLWPSW-4L334W
4' Wraparound



NLWPSWA-PK
Pendant Kit for 4' only

Wraparound with Selectable Lumens & CCT

| Length | Option(s) |
|-------------------------------|---|
| NLWPSW-2L334W = 2' Wraparound | /EM = Integral Emergency (available with 4' only) |
| NLWPSW-4L334W = 4' Wraparound | /MS = Integral Motion Sensor (available with 4' only) |
| | /EMMS = Integral Emergency & Motion Sensor (available with 4' only) |

Example: NLWPSW-4L334W = 4' Wraparound with Selectable Lumens & CCT

Optional Accessories for 4' Only

| Description |
|---|
| NLWPSWA-PK = Pendant Kit (canopy, 8' cable and hooks for 4' only) |

PHOTOMETRICS

2' Wraparound with Selectable Lumens & CCT

Type _____

Project _____

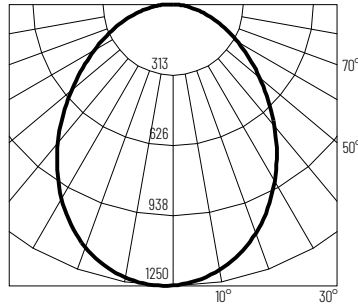
Catalog No. _____

Notes _____

Test Information

Test Number: NTL1016R1
 Part Number: NLWPSW-2L334W
 Beam Spread: 100° Wide Flood
 Lumens: 2967lm
 Wattage: 24.75W
 Efficacy: 120lpw
 CCT / CRI: 3000K / 80 CRI
 Spacing Criteria (0°-180°): 1.2
 Spacing Criteria (90°-270°): 1.12

Polar Curve



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30 | 930 | 31.3 |
| 0-40 | 1474 | 49.7 |
| 0-60 | 2423 | 81.7 |
| 0-90 | 2953 | 99.6 |
| 90-180 | 13 | 0.4 |
| 0-180 | 2966 | 100 |

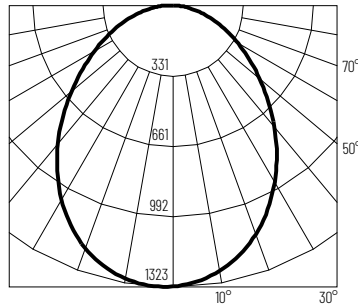
Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0 | 1248 |
| 5 | 1242 |
| 15 | 1183 |
| 25 | 1065 |
| 35 | 902 |
| 45 | 710 |

Test Information

Test Number: NTL1017R1
 Part Number: NLWPSW-2L334W
 Beam Spread: 100° Wide Flood
 Lumens: 3139lm
 Wattage: 23.81W
 Efficacy: 132lpw
 CCT / CRI: 3500K / 80 CRI
 Spacing Criteria (0°-180°): 1.2
 Spacing Criteria (90°-270°): 1.12

Polar Curve



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30 | 984 | 31.3 |
| 0-40 | 1560 | 49.7 |
| 0-60 | 2564 | 81.7 |
| 0-90 | 3125 | 99.6 |
| 90-180 | 14 | 0.4 |
| 0-180 | 3139 | 100 |

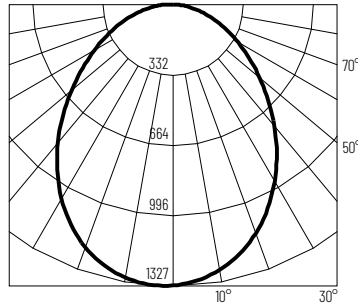
Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0 | 1320 |
| 5 | 1314 |
| 15 | 1251 |
| 25 | 1127 |
| 35 | 954 |
| 45 | 752 |

Test Information

Test Number: NTL1018R1
 Part Number: NLWPSW-2L334W
 Beam Spread: 100° Wide Flood
 Lumens: 3150lm
 Wattage: 24.64W
 Efficacy: 128lpw
 CCT / CRI: 4000K / 80 CRI
 Spacing Criteria (0°-180°): 1.2
 Spacing Criteria (90°-270°): 1.12

Polar Curve



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30 | 987 | 31.3 |
| 0-40 | 1565 | 49.7 |
| 0-60 | 2573 | 81.7 |
| 0-90 | 3136 | 99.6 |
| 90-180 | 14 | 0.4 |
| 0-180 | 3150 | 100 |

Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0 | 1325 |
| 5 | 1319 |
| 15 | 1256 |
| 25 | 1131 |
| 35 | 957 |
| 45 | 754 |

Lumen Output Multipliers

Wattage: 16W (0.64), 20W (0.83), 24W (1.00)

PHOTOMETRICS

4' Wraparound with Selectable Lumens & CCT

Type _____

Project _____

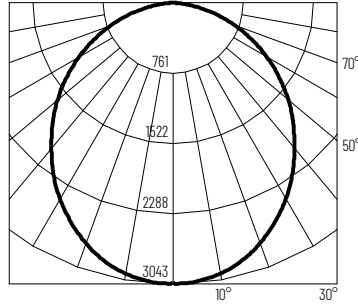
Catalog No. _____

Notes _____

Test Information

Test Number: NTL1010R1
 Part Number: NLWPSW-4L334W
 Beam Spread: 100° Wide Flood
 Lumens: 7664lm
 Wattage: 66.1W
 Efficacy: 116lpw
 CCT / CRI: 3000K / 80 CRI
 Spacing Criteria (0°-180°): 1.22
 Spacing Criteria (90°-270°): 1.20

Polar Curve



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30 | 2247 | 29.3 |
| 0-40 | 3603 | 47.0 |
| 0-60 | 6102 | 79.6 |
| 0-90 | 7664 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 7664 | 100 |

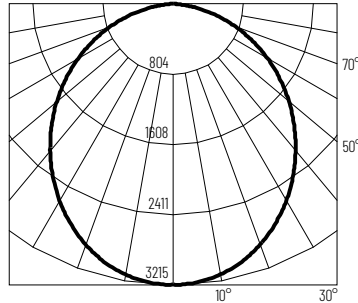
Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0 | 3043 |
| 5 | 2978 |
| 15 | 2854 |
| 25 | 2663 |
| 35 | 2266 |
| 45 | 1869 |

Test Information

Test Number: NTL1011R1
 Part Number: NLWPSW-4L334W
 Beam Spread: 100° Wide Flood
 Lumens: 8100lm
 Wattage: 63.7W
 Efficacy: 127lpw
 CCT / CRI: 3500K / 80 CRI
 Spacing Criteria (0°-180°): 1.2
 Spacing Criteria (90°-270°): 1.2

Polar Curve



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30 | 2375 | 29.3 |
| 0-40 | 3810 | 47.0 |
| 0-60 | 6452 | 79.7 |
| 0-90 | 8100 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 8100 | 100 |

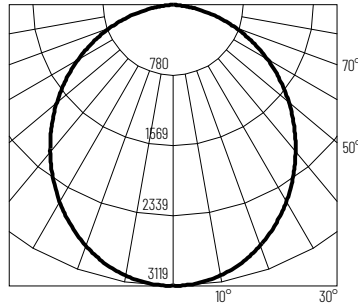
Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0 | 3215 |
| 5 | 3137 |
| 15 | 2988 |
| 25 | 2767 |
| 35 | 2333 |
| 45 | 1898 |

Test Information

Test Number: NTL1012R1
 Part Number: NLWPSW-4L334W
 Beam Spread: 100° Wide Flood
 Lumens: 7862lm
 Wattage: 67.8W
 Efficacy: 116lpw
 CCT / CRI: 4000K / 80 CRI
 Spacing Criteria (0°-180°): 1.16
 Spacing Criteria (90°-270°): 1.22

Polar Curve



Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30 | 2306 | 29.3 |
| 0-40 | 3700 | 47.1 |
| 0-60 | 6267 | 79.7 |
| 0-90 | 7863 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 7863 | 100 |

Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0 | 3119 |
| 5 | 3031 |
| 15 | 2863 |
| 25 | 2626 |
| 35 | 2185 |
| 45 | 1744 |

Lumen Output Multipliers

Wattage: 55W (0.88), 60W (0.94), 65W (1.00)