# LUMUX

## WALL SCONCE
WS900

**MADE IN USA** | c**ETL**us **INTERTEK LISTED** | **IP 65** | *Quick Ship* | **Wet** | **MARINE GRADE** | **5 YEAR WARRANTY** | **SELECT CCT WATT** | **120-277v** | **ADA COMPLIANT**



WS900-18

WS900-24

**WS900 from Lumux is an elegant, architectural wall sconce that excels at defining spaces, both during the day and at night.**

WS900 offers a distinctively classic design meeting ADA requirements. Ideal for illuminating porches, porticos and walls, WS900 is a powerful outdoor LED solution. WS900 is constructed from heavy-duty welded steel, providing durability that meets the highest standards. WS900 is offered in 18" and 24" heights with integrated 0-10v dimming and field-selectable power output and color temperature options. WS900 is part of the Lumux sconce collection that includes WS920.

up to
**2,050** lm

**25**w

typical
**80** lm/W

# LUMUX

## WALL SCONCE
## WS900

WS900 is a classic ADA wall sconce, perfect for porches, porticos and defining spaces, with field-selctable color temperature and power options.

### Ordering Guide

| Catalog No. | Height | LED Color | Color Temp[1] | Voltage | Finish | Options[2] |
|---|---|---|---|---|---|---|
| WS900-18 | 18" | White | 3000K | 120-277v | Black | ☐ Photocell |
| WS900-24 | 24" | | 4000K | | White | |
| | | | 5000K | | Silver | |
| | | | | | Bronze | |
| | | | | | Custom RAL[2] | |

[1]Consult factory for additional options
[2]Consult factory for additional pricing

Catalog No.: _____

### Performance Specifications

| | |
|---|---|
| Flux 2,050 lm (4000K) | LER 80 lm/W |
| Power 25W | 120-277v input voltage |
| Starting temp. rated to -20°F | Field-selectable power |
| Integrated 0-10v dimming | Photocell option |
| Lumen Maintenance*: tbd | |

### Environmental Specifications

| | |
|---|---|
| BUG rating 18" 15W: B0-U3-G1 | BUG rating 24" 25W: B0-U4-G2 |
| CRI 80 | Field-selectable color temperature |
| IP65 | ETL listed for wet-locations |
| Effective Projected Area ≤ 1 ft2 | Marine Grade option |
| 5-year limited warranty | Made in the USA |

### Delivered Lumens & Wattage per color temperature:

| | 3000K | 4000K | 5000K | WATTS |
|---|---|---|---|---|
| WS900-18 | 600 lm | 600 lm | 600 lm | 9W |
| | 850 lm | 850 lm | 850 lm | 12W |
| | 1050 lm | 1050 lm | 1050 lm | 15W |
| WS900-24 | 1250 lm | 1250 lm | 1250 lm | 15W |
| | 1650 lm | 1650 lm | 1650 lm | 20W |
| | 2050 lm | 2050 lm | 2050 lm | 25W |
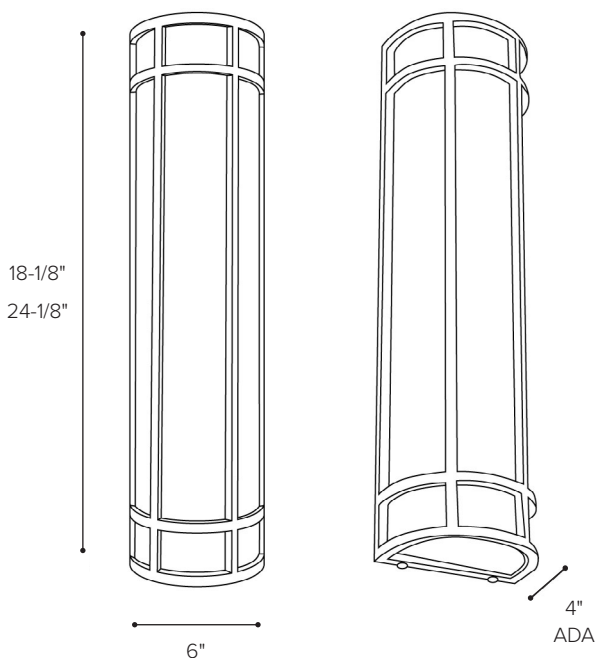
**Housing:** Heavy-duty construction of welded steel. All fasteners are vandal resistant, stainless-steel.

**Lens:** Sealed one-piece shatter-proof UV-rated polycarbonate.

**Gasket:** Closed-cell silicone foam gasket that seals out moisture, dust, and insects, for weather tight operation.

**Mounting:** Wall or surface-mounted. Mounting bracket fits any standard 3.0" or 4.0" J-Box.

**Installation:** Please refer to installation instructions below.

**Finish:** Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

**Power options:** WS900 offers field-selectable Watts:
**WS900-18**: 9W, 12W, 15W
**WS900-24**: 15W, 22W, 25W

18-1/8"
24-1/8"

6"

4"
ADA

### Dimensions

*Lumen Maintenance Report

# LUMUX

## WALL SCONCE
### WS900-18 15W

| Photometry | IESNA: LM-63-2002 |
|---|---|
| TEST: 14507470.03 | TEST LAB: UL LLC |
| LUMINAIRE: WS900-18 | DATE: 2022-09-29 |
| IES Classification: n/a | Long. Class: n/a |
| Luminaire Lumens | 1,069 (4000K) |
| Luminaire Efficacy Rating (LER) | 72 |
| Total Luminaire Watts | 14.75W |
| Upward Waste Light Ratio | 0.49 |
| Max. Candela | 215.2 5H 90V |
| Max. Cd. < 90° Vertical | 215.2 5H 87.5V |
| Max. Cd. (At 90 Deg. Vert.) | 215.2 (20.1% Luminaire lumens) |
| Max. Cd. (80 to <90 Deg. Vert.) | 215.2 (20.2% Luminaire lumens) |
| Cutoff Classification | N.A. |
| BUG Rating | B0-U3-G1 |

Technical aspects may change without notice.

IES Mounting Height for photometry plans: 7'
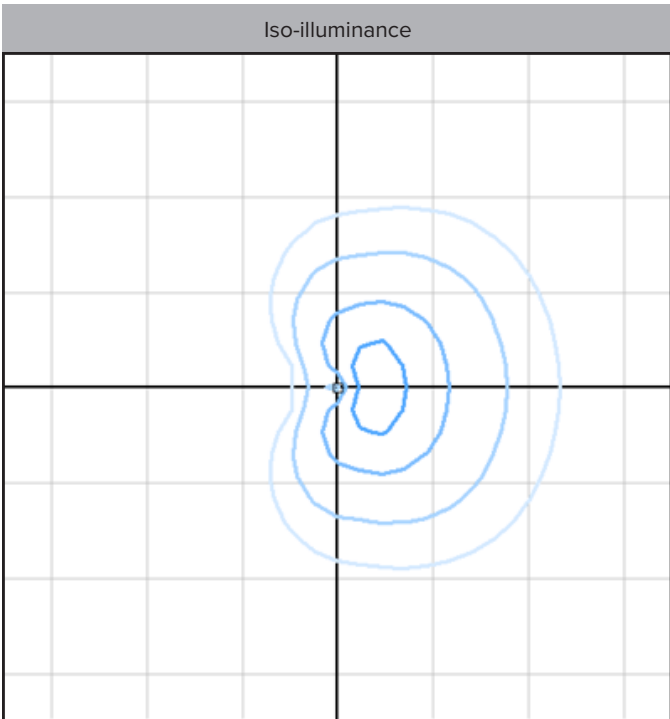
### Iso-illuminance



Foot-candles: 0.1, 0.2, 0.5, 1  |  Grid spacing 10'

Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela
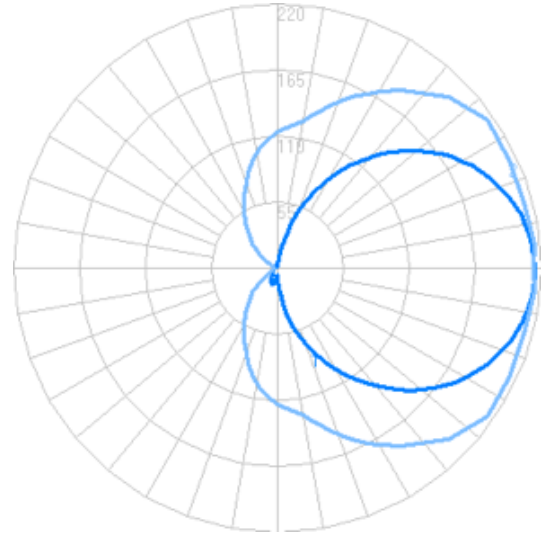


### Zonal Lumens

| LCS | Zone | Lumens | %Lum. |
|---|---|---|---|
| FL | (0-30) | 24.0 | 2.2 |
| FM | (30-60) | 144.3 | 13.5 |
| FH | (60-80) | 174.3 | 16.3 |
| FVH | (80-90) | 99.5 | 9.3 |
| BL | (0-30) | 8.8 | 0.8 |
| BM | (30-60) | 35.2 | 3.3 |
| BH | (60-80) | 38.6 | 3.6 |
| BVH | (80-90) | 21.9 | 2.0 |
| UL | (90-100) | 121.0 | 11.3 |
| UH | (100-180) | 400.8 | 37.5 |
| Total | | 1068 | 100 |
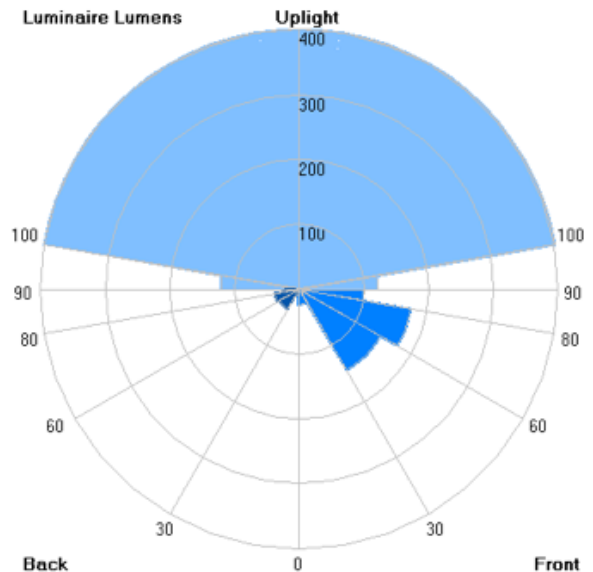
Content of specification sheet subject to change

# LUMUX

## WS900-24 25W

| Photometry | IESNA: LM-63-2002 |
|---|---|
| TEST: 14507470.06 | TEST LAB: UL LLC |
| LUMINAIRE: WS920-24 | DATE: 2022-09-30 |
| IES Classification: Type IV | Long. Class: Very Long |
| Luminaire Lumens | 2,053 (4000K) |
| Luminaire Efficacy Rating (LER) | 83 |
| Total Luminaire Watts | 24.86W |
| Upward Waste Light Ratio | 0.49 |
| Max. Candela | 469.4 |
| Max. Cd. < 90° Vertical | 468.7 |
| Max. Cd. (At 90 Deg. Vert.) | 469.4 (22.9% Luminaire lumens) |
| Max. Cd. (80 to <90 Deg. Vert.) | 468.7(22.8% Luminaire lumens) |
| Cutoff Classification | N.A. |
| BUG Rating | B0-U4-G2 |

Technical aspects may change without notice.
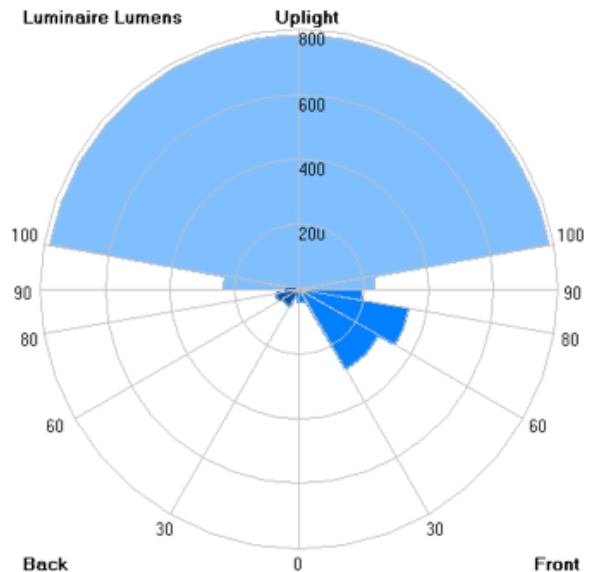
IES Mounting Height for photometry plans: 7'

### Iso-illuminance
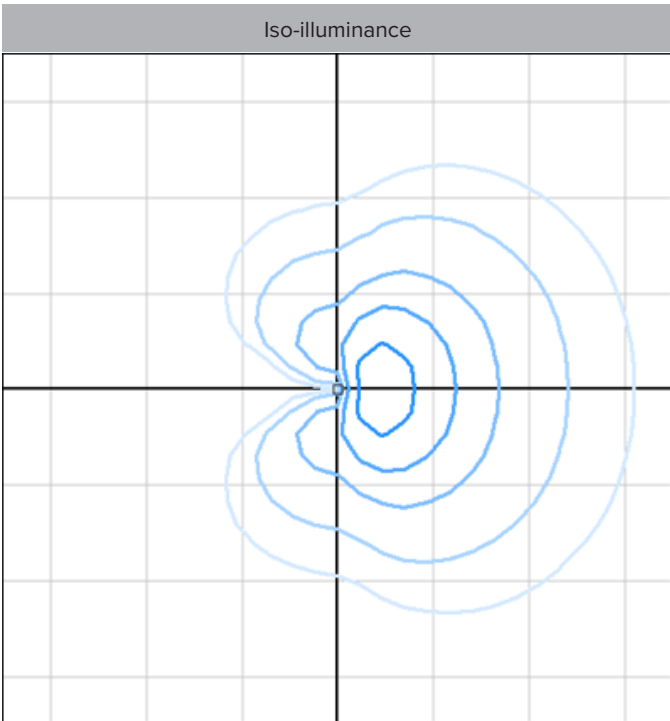


Foot-candles: 0.1, 0.2, 0.5, 1, 2  |  Grid spacing 10'

### Candela
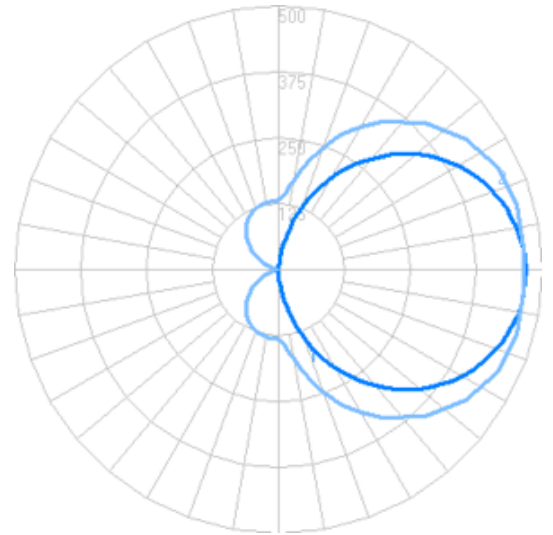


### Zonal Lumens

| LCS | Zone | Lumens | %Lum. |
|---|---|---|---|
| FL | (0-30) | 41.1 | 2.0 |
| FM | (30-60) | 282.6 | 13.8 |
| FH | (60-80) | 340.8 | 16.6 |
| FVH | (80-90) | 193.1 | 9.4 |
| BL | (0-30) | 9.2 | 0.5 |
| BM | (30-60) | 60.0 | 2.9 |
| BH | (60-80) | 71.6 | 3.5 |
| BVH | (80-90) | 40.6 | 2.0 |
| UL | (90-100) | 232.6 | 11.3 |
| UH | (100-180) | 781.1 | 38.1 |
| | Total | 2053 | 100 |



Content of specification sheet subject to change

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## LUMINAIRES IN THIS COLLECTION

**WS900-18**     **WS900-24**          **WS920-18**     **WS920-24**