

LUMUX

WALL SCONCE WS550

The Lumux Wall Sconce ("WS") series combines architectural design with high performance and high-efficacy, featuring a range of wall or ceiling mounted luminaires with a variety of grill and visor options.

Designed for accent lighting of walls and facades, the Lumux WS series is constructed from the highest quality components and is built for optimal performance in any environment while offering elegant and attractive form factors. The WS500 series supports an optional photocell and optional internal emergency battery pack. Vandal resistant and built for long-lasting indoor and outdoor applications.

Housing: Heavy-duty construction of corrosion resistant, low-copper die cast aluminum, secured with vandal-resistant, stainless screws.

Lens: 1/8" thick UV rated white opal polycarbonate diffuser.

Mounting: Surface mounting to wall, column or ceiling.

Installation: Mounting bracket provided fits to any standard 3" or 4" J-Box.

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

Driver: Constant current and universal input voltage 120-277v, starting temperature rated at -20°F. 0-10v dimming available.

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

Protection Class: IP65, ETL Listed for wet locations.

CRI: 80

Warranty: 5 year limited warranty.

Delivered Lumens* & Wattage* per color temperature:

| | 2700K | 3000K | 3500K | 4000K | WATTS |
|-------------|---------|---------|---------|---------|-------|
| WS550 / 25W | 700 lm | 800 lm | 900 lm | 1000 lm | 25W |
| WS550 / 48W | 2500 lm | 2500 lm | 2500 lm | 2500 lm | 48W |

For other lumen packages and color temperatures, please consult with the Lumux sales team.

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:



WS550

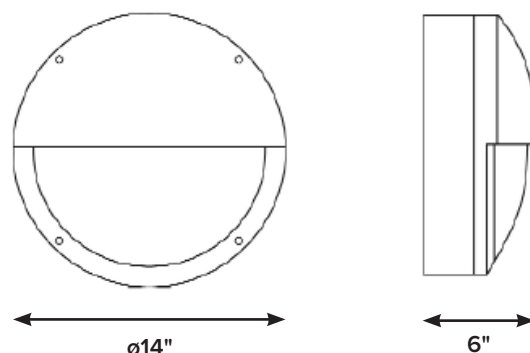
ø14" housing w/ protective glare hood over impact-resistant opal polycarbonate diffuser



EMERGENCY BATTERY
BACKUP AVAILABLE

100
lm/W

Luminaire Housing Dimensions:



* Estimated flux & Wattage

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WALL SCNCE WS550

WS550 is a upright glare-controlled wall luminaire with optional emergency back-up battery, daylight sensor and color temperature options.

Ordering Guide

| Catalog No. | Wattage* | LED Color | Color Temp ¹ | Voltage | Finish | Options ² |
|-------------|----------|-----------|-------------------------|----------|-------------------------|---|
| WS550 | 25W | White | 2700K | 120-277v | Black | <input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Battery Pack <input type="checkbox"/> Photocell |
| | 48W | Amber | 3000K | | White | |
| | | | 3500K | | Silver | |
| | | | 4000K | | Bronze | |
| | | | | | Custom RAL ² | |

¹Consult factory for additional options;
color temp applies to white light only.

²Consult factory for additional pricing.

Catalog No.: _____

Performance Specifications WS550 48W

| | |
|--------------------------------------|------------------------|
| Flux 2,500 lm (4000K)* | LER 50 lm/W (4000K)* |
| Power 48W* | |
| Starting temp. rated to -20°F | 120-277v input voltage |
| Dimmable driver (0-10v) option | |
| Lumen Depreciation*: L70 100,000 hrs | |

Environmental Specifications

| | |
|------------------------------------|------------------------------------|
| Wall mount BUG rating: TBD | |
| CRI 80 | Color temperature options |
| IP65; ETL listed for wet-locations | Turtle-friendly amber light option |
| Effective Projected Area: 1 sq.ft. | Marine Grade option |
| 5-year limited warranty | Made in the USA |



*Lumen Maintenance Report: Nichia
Test Documentation No.: NFSW757GT-V3

* Estimated flux & Wattage

LUMUX LIGHTING
7803 Industry Ave, Pico Rivera, CA 90660
sales@lumux.com | 562-801-5100

Content of specification sheet subject to change

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WALL SCNCE WS550

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:

Photometry

IESNA: LM-63-2002

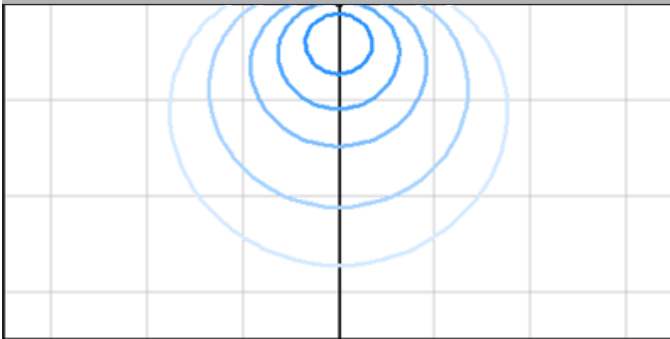
| | |
|---------------------------------|-------------------------|
| TEST: 14507470.02 (edited*) | TEST LAB: UL LLC |
| LUMINAIRE: WS500 | DATE: 2022-09-30 |
| IES Classification: n/a | Longitudinal Class: n/a |
| Luminaire Lumens | 2500 (4000K) |
| Luminaire Efficacy Rating (LER) | 50 lm/W |
| Total Luminaire Watts | 47.8W |
| Upward Waste Light Ratio | TBD |
| Max. Candela | TBD |
| Max. Cd. < 90° Vertical | TBD |
| Max. Cd. (At 90 Deg. Vert.) | TBD |
| Max. Cd. (80 to <90 Deg. Vert.) | TBD |

Cutoff Classification: N.A. Wall Mount BUG Rating: TBD

Technical aspects may change without notice.

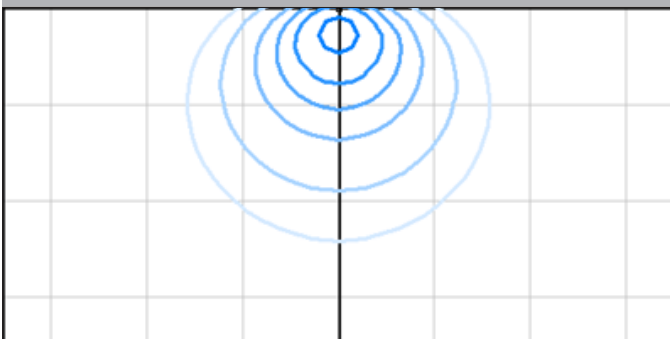
*Estimation at 1250mA reduced from 1400mA per IES report.

Iso-illuminance: Ground Flood, Wall Mount MH 12' off-ground



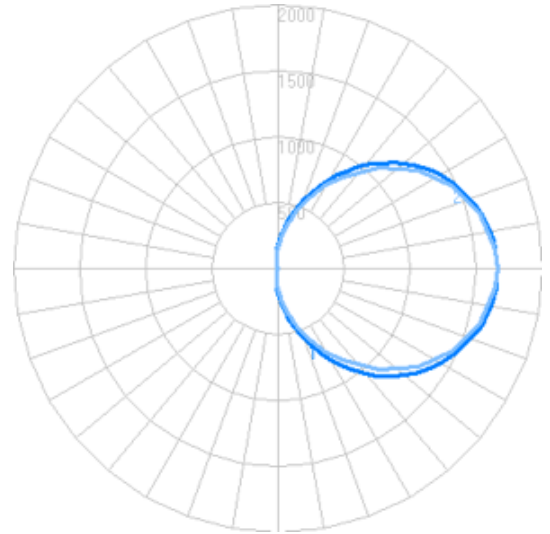
Foot-candles: 0.1, 0.2, 0.5, 1, 2 | Grid spacing 20'

Iso-illuminance: Ground Flood, Wall Mount MH 8' off-ground



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 20'

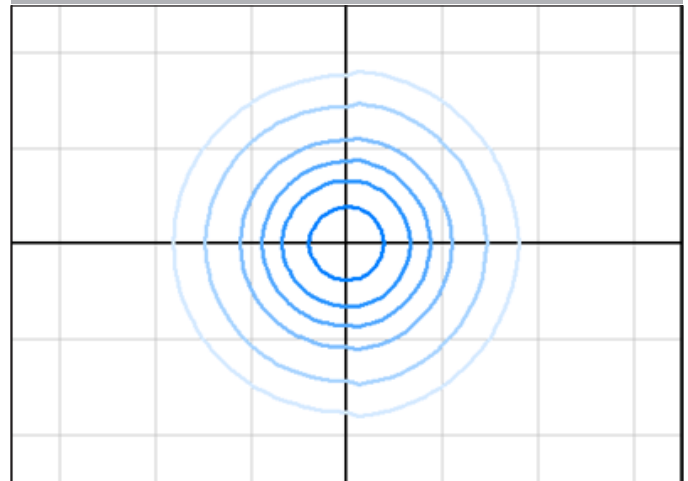
Candela



Zonal Lumens - Wall Mount

| LCS | Zone | Lumens | %Lum. |
|-------|-----------|--------|-------|
| FL | (0-30) | 153.7 | 3.2 |
| FM | (30-60) | 760.9 | 16.0 |
| FH | (60-80) | 875.0 | 18.4 |
| FVH | (80-90) | 493.3 | 10.4 |
| BL | (0-30) | 27.9 | 0.6 |
| BM | (30-60) | 29.8 | 0.6 |
| BH | (60-80) | 18.8 | 0.4 |
| BVH | (80-90) | 9.3 | 0.2 |
| UL | (90-100) | 516.4 | 10.9 |
| UH | (100-180) | 1869.4 | 39.3 |
| Total | | 4850 | 100 |

Iso-illuminance: Ground Flood, Ceiling Mount MH 12' off-ground



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 20'

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

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WALL SCNCE

WS500 & WS700 SERIES OPTIONS

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:



WS500 & WS500-ADA 14" housing
impact-resistant opal polycarbonate diffuser



WS700 10.7" housing
impact-resistant opal polycarbonate diffuser



WS520 14" housing
protective window grille over opal diffuser



WS740 10.7" housing
protective window grille over opal diffuser



WS533 14" housing
protective slatted grille over opal diffuser



WS733 10.7" housing
protective slatted grille over opal diffuser



WS534 14" housing
protective nautical grille over opal diffuser



WS734 10.7" housing
protective nautical grille over opal diffuser



WS550 14" housing
cutoff hood over opal polycarbonate diffuser



WS750 10.7" housing
cutoff hood over opal polycarbonate diffuser

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