

# LUMUX

## WALL SCONCE WS740

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 WS700 series supports an optional photocell. 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
WS740 / 25W	1500 lm	1500 lm	1500 lm	1500 lm	25W
WS740 / 41W	2500 lm	2500 lm	2500 lm	2500 lm	41W

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

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:



### WS740

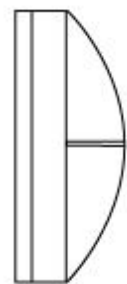
ø10.7" housing w/ window-grille over impact-resistant opal polycarbonate diffuser



### Luminaire Housing Dimensions:



ø10.7"



ADA 3.5"

LUMUX LIGHTING

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

Content of specification sheet subject to change

# LUMUX

## WALL SCNCE WS740

WS740 is a high performing wall and ceiling luminaire with optional daylight sensor and color temperature options.

### Ordering Guide

Catalog No.	Wattage*	LED Color	Color Temp <sup>1</sup>	Voltage	Finish	Options <sup>2</sup>
WS740	25W 41W	White Amber	2700K 3000K 3500K 4000K	120-277v	Black White Silver Bronze Custom RAL <sup>2</sup>	<input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Photocell

<sup>1</sup>Consult factory for additional options;  
color temp applies to white light only.

<sup>2</sup>Consult factory for additional pricing.

Catalog No.: \_\_\_\_\_

Performance Specifications WS740 41W	
Flux 2,500 lm (4000K)	LER 61 lm/W (4000K)
Power 41W	
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: B0-U4-G3	
CRI 80	Color temperature options
IP65; ETL listed for wet-locations	Turtle-friendly amber light option
Effective Projected Area: 0.7 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA



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

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

Content of specification sheet subject to change

# LUMUX

## WALL SCNCE WS740

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:

### Photometry

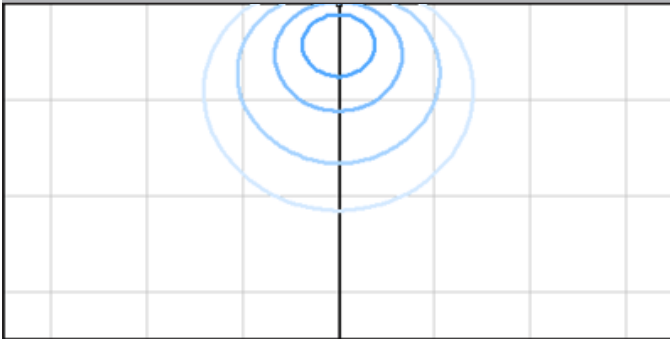
IESNA: LM-63-2002

TEST: 14507470.01	TEST LAB: UL LLC
LUMINAIRE: WS700	DATE: 2022-09-30
IES Classification: n/a	Longitudinal Class: n/a
Luminaire Lumens	2504 (4000K)
Luminaire Efficacy Rating (LER)	61 lm/W
Total Luminaire Watts	41.05W
Upward Waste Light Ratio	0.50
Max. Candela	774.2
Max. Cd. < 90° Vertical	771.3
Max. Cd. (At 90 Deg. Vert.)	771 (30.8% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	771.3 (30.8% Luminaire)
Cutoff Classification: N.A.	Wall Mount BUG Rating: B0-U4-G3

Technical aspects may change without notice.

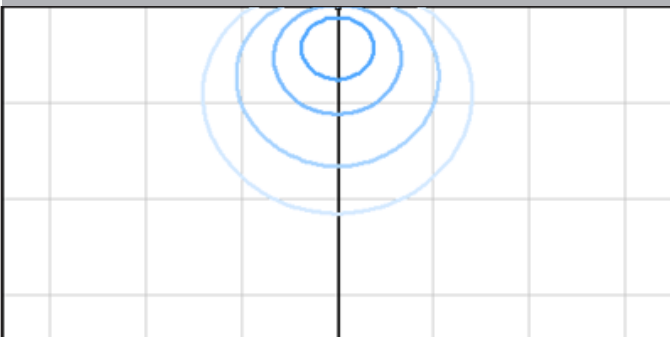
\*Estimation at 1250mA reduced from 1400mA per IES report.

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



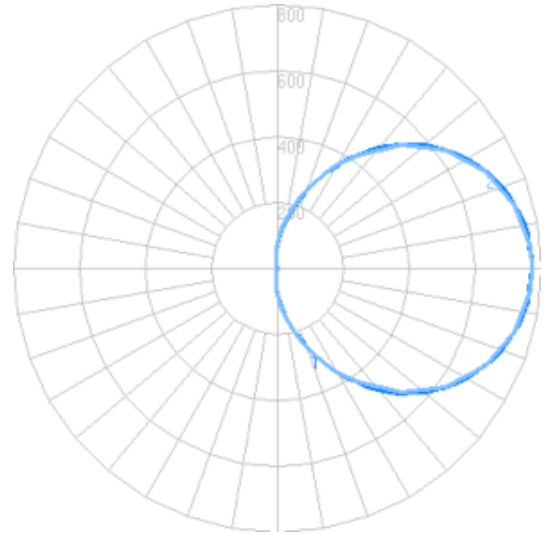
Foot-candles: 0.1, 0.2, 0.5, 1 | Grid spacing 20'

### Iso-illuminance: Ground Flood, Wall Mount MH 7' off-ground



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

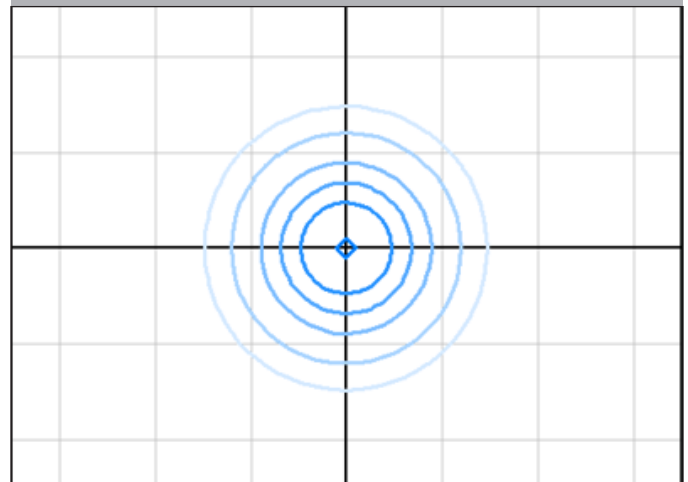
### Candela



### Zonal Lumens - Wall Mount

LCS	Zone	Lumens	%Lum.
FL	(0-30)	77.2	3.1
FM	(30-60)	402.7	16.1
FH	(60-80)	469.6	18.7
FVH	(80-90)	264.7	10.6
BL	(0-30)	12.7	0.5
BM	(30-60)	16.6	0.7
BH	(60-80)	11.8	0.5
BVH	(80-90)	5.9	0.2
UL	(90-100)	270.5	10.8
UH	(100-180)	972.8	39.8
Total		2504.5	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'

### LUMUX LIGHTING

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

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

Content of specification sheet subject to change

# LUMUX

## 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

LUMUX LIGHTING

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

Content of specification sheet subject to change