LUMUX

DATE:	
PROJECT:	
FIRM:	
CATALOG NO:	/ White / / 120-277 /
COMMENTS:	

WALL SCONCE

WS920 SERIES

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

WS920-1
18" long

WS920-2
2' long

WS920-4
4' long

WS920-5
5' long

WS920 from Lumux is an elegant, ADA architectural wall sconce that excels at defining spaces, both during the day and at night.

Ideal for illuminating porches, porticos and walls, The WS920 Series are powerful outdoor LED solutions with a distinctively classic rectangular design. WS920 is constructed from heavy-duty welded steel, providing durability that meets the highest standards. WS920 is offered in 4 different height and wattage packages, with integrated 0-10v dimming, and field-selectable power output and color temperature options. WS920 is part of the Lumux sconce collection that includes the WS900 Series.

up to **3700** lm

up to **50**w

up to **83** lm/W

Content of specification sheet subject to change

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

LUMUX

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WALL SCONCE
WS920 SERIES

WS920 is a classic ADA wall sconce, perfect for porches, porticos and defining spaces, with field-selectable color temperature and power options.

Ordering Guide

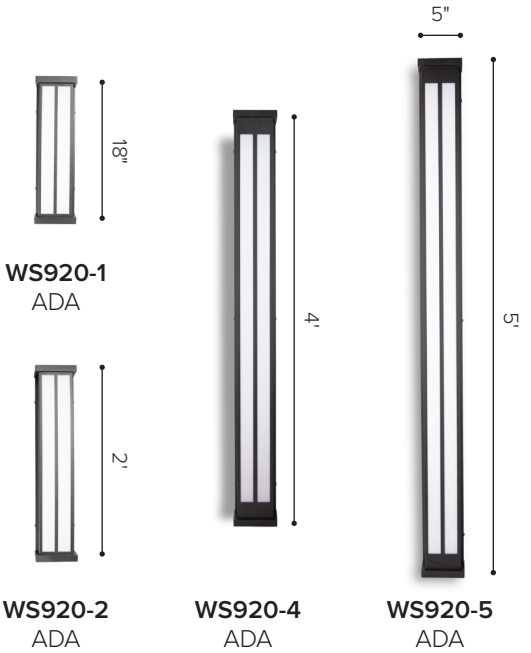
Catalog No.	Wattage	LED Color	Color Temp[1]	Voltage	Finish	Options[2]
		White		120-277		
WS920-1	9W - 15W	White	3000K	120-277v	Black	☐ Photocell
WS920-2	15W - 25W		4000K		White	☐ Occupancy Sensor
WS920-4	38W		5000K		Silver	☐ Integral Battery Pack
WS920-5	50W				Bronze	
					Custom RAL[2]	

[1]Consult factory for additional options
[2]Consult factory for additional pricing; Integral battery pack fits WS920-4 and WS920-5 models only

Catalog No.: / White / / 120-277 /

Performance Specifications	
Flux up to 3700 lm (WS920-5 4000K)	LER up to 83 lm/W
Power options: 9W to 50W	120-277v input voltage
Starting temp. rated to -20˚F	Photocell option
0-10v Dimming Integrated	Occupancy Sensor option
Lumen Maintenance*: tbd	Integral Battery Pack option

Environmental Specifications	
ADA compliant	Field-selectable CCT & wattage
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area: ≤ 2.6 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA



Dimensions

Delivered Lumens & Wattage per color temperature:

	3000K	4000K	5000K	WATTS
WS920-1	550 lm	600 lm	600 lm	9W
	800 lm	850 lm	850 lm	12W
	1000 lm	1050 lm	1050 lm	15W
WS920-2	1150 lm	1250 lm	1250 lm	15W
	1525 lm	1650 lm	1650 lm	20W
	1900 lm	2050 lm	2050 lm	25W
WS920-4	2500 lm	2700 lm	2700 lm	38W
WS920-5	3400 lm	3700 lm	3700 lm	50W

Housing: Heavy-duty construction of welded steel enclosing diffuser. All fasteners are vandal resistant, stainless-steel.

Diffuser: Sealed one-piece shatter-proof UV rated polycarbonate.

Gasket: Closed-cell silicone foam gasket seals out moisture, dust, & insects, for weather-tight operation. IP65, ETL listed for wet locations.

Mounting: Mounts to standard junction boxes.

Installation: Please refer to installation instructions.

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.

Light Engine: Constant Current driver with integrated 0-10v dimming, powering high quality LEDs. Field-selectable CCT color switch with 3000K, 4000K, and 5000K options. Field selectable wattage also featured for WS920-1 (9W, 12W, 15W) and WS920-2 (15W, 20W, 25W).

*Lumen Maintenance Report: tbd

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LUMUX

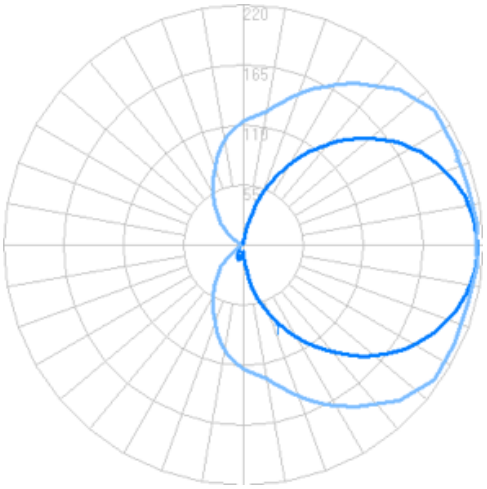
WALL SCONCE

WS900-1 15W

Photometry	IESNA: LM-63-2002
TEST: 14507470.03	TEST LAB: UL LLC
LUMINAIRE: WS900-1	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.

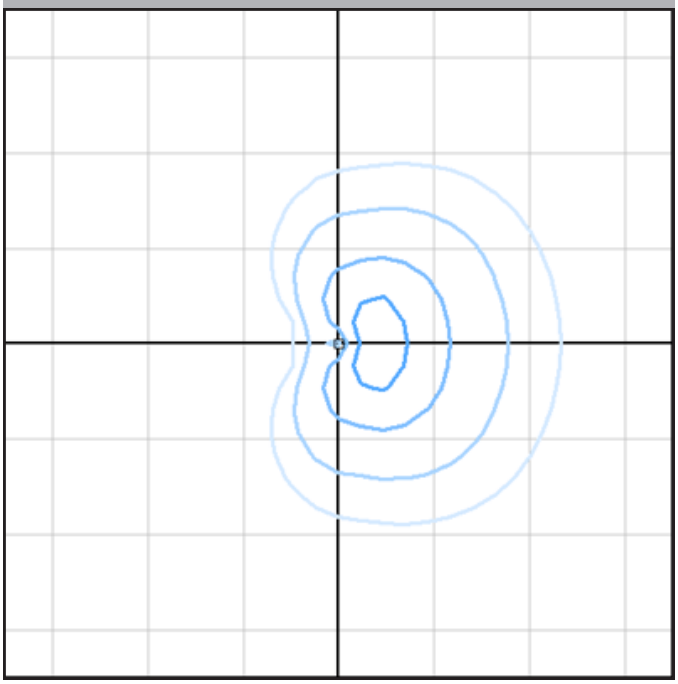
Candela



Zonal Lumens

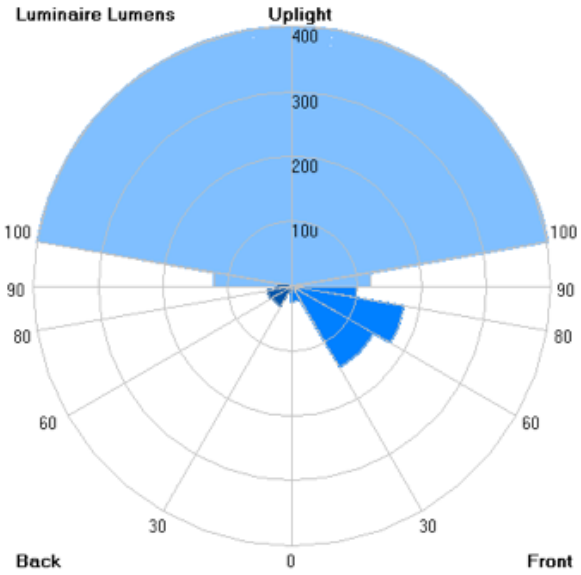
LCS	Zone	Lumens	%Lum.
FL	(0-30)	24.0	2.2
FM	(30-60)	144.3	13.5
FH	(60-80)	174.3	16.3
FVH	(80-90)	99.5	9.3
BL	(0-30)	8.8	0.8
BM	(30-60)	35.2	3.3
BH	(60-80)	38.6	3.6
BVH	(80-90)	21.9	2.0
UL	(90-100)	121.0	11.3
UH	(100-180)	400.8	37.5
	Total	1068	100

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



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

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



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LUMUX

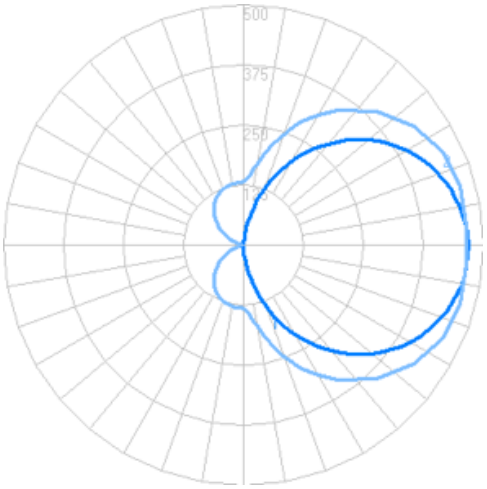
WALL SCONCE

WS900-2 25W

Photometry	IESNA: LM-63-2002
TEST: 14507470.06	TEST LAB: UL LLC
LUMINAIRE: WS900-2	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.

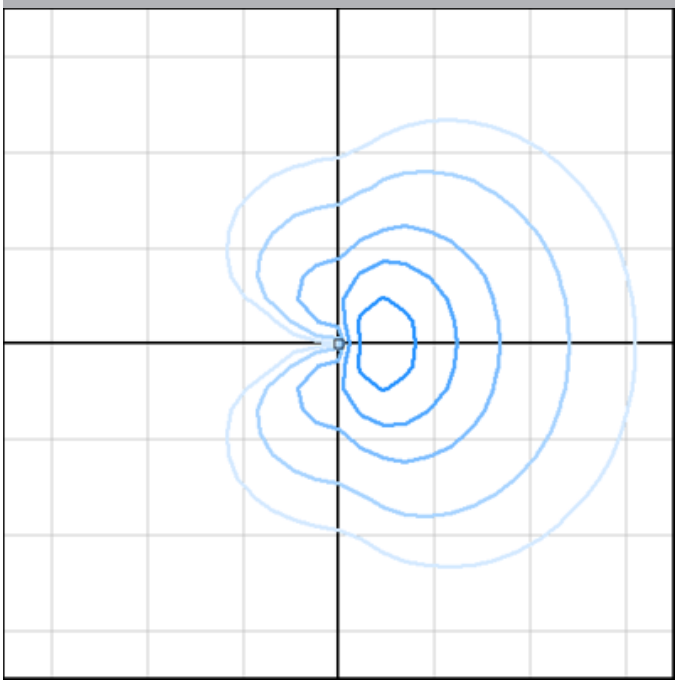
Candela



Zonal Lumens

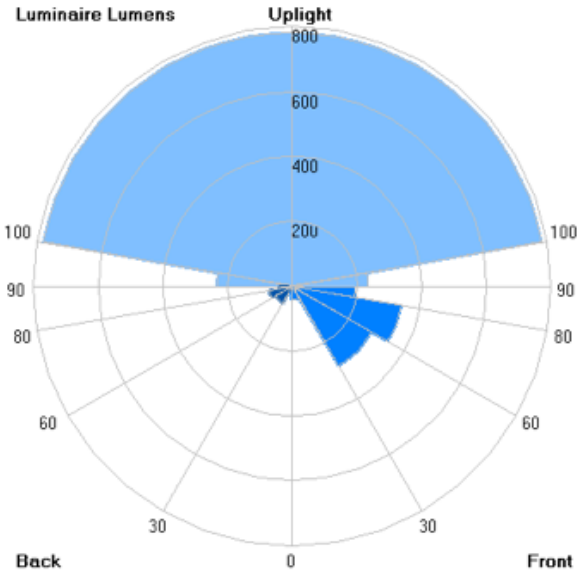
LCS	Zone	Lumens	%Lum.
FL	(0-30)	41.1	2.0
FM	(30-60)	282.6	13.8
FH	(60-80)	340.8	16.6
FVH	(80-90)	193.1	9.4
BL	(0-30)	9.2	0.5
BM	(30-60)	60.0	2.9
BH	(60-80)	71.6	3.5
BVH	(80-90)	40.6	2.0
UL	(90-100)	232.6	11.3
UH	(100-180)	781.1	38.1
	Total	2053	100

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



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

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



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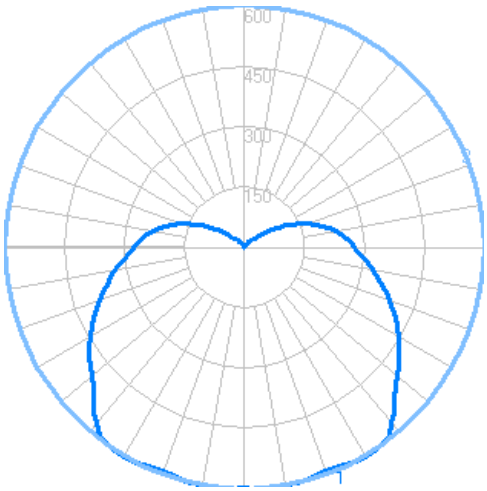
WALL SCONCE

WS900-4 38W

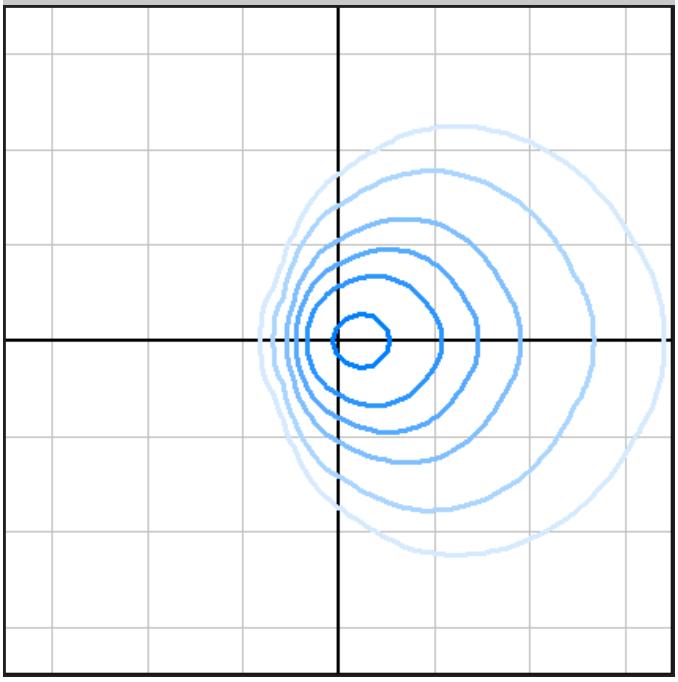
Photometry	IESNA: LM-63-2002
TEST: 80211017-2	TEST LAB: CSA Group
LUMINAIRE: WS900-4	DATE: 2024-05-14
IES Classification: Type III	Longitudinal Class: Very Short
Luminaire Lumens	2702
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	37.76
Upward Waste Light Ratio	0.14
Max. Candela	603.61 (90H, 5V)
Max. Cd. < 90° Vertical	603.61 (90H, 5V)
Max. Cd. (At 90 Deg. Vert.)	276.07 (10.2% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	326.86 (12.1% Luminaire)
Cutoff Classification: n/a	BUG Rating:

Technical aspects may change without notice.

Candela

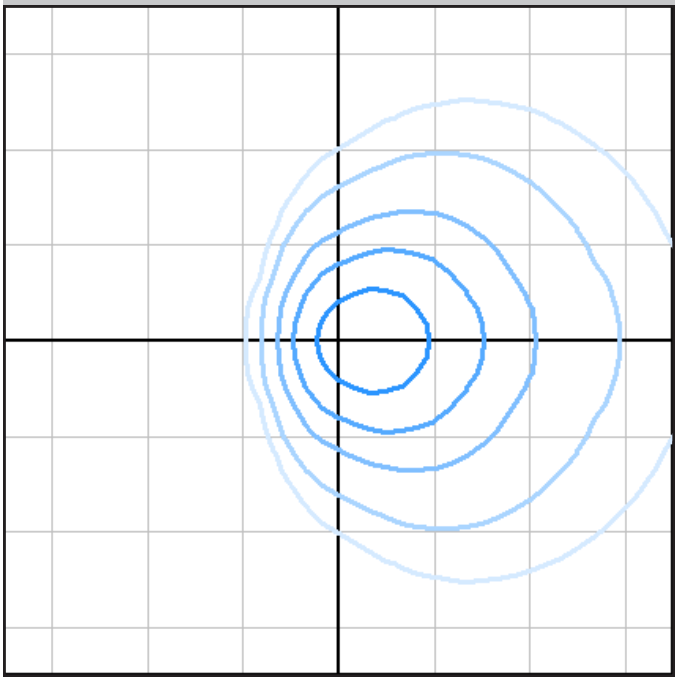


Iso-illuminance: Ground Plane, MH 7' off-ground



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

Iso-illuminance: Ground Plane, MH 10' off-ground



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

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

Content of specification sheet subject to change

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LUMUX

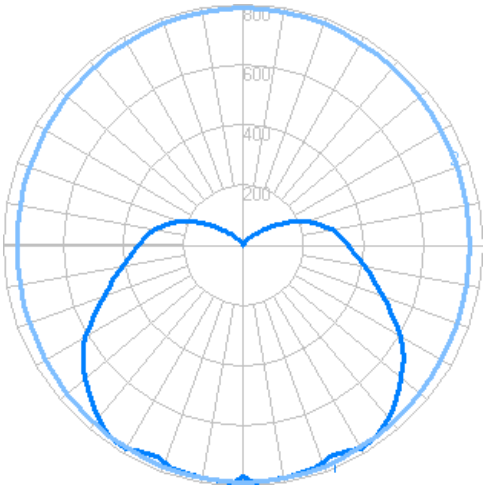
WALL SCONCE

WS900-5 50W

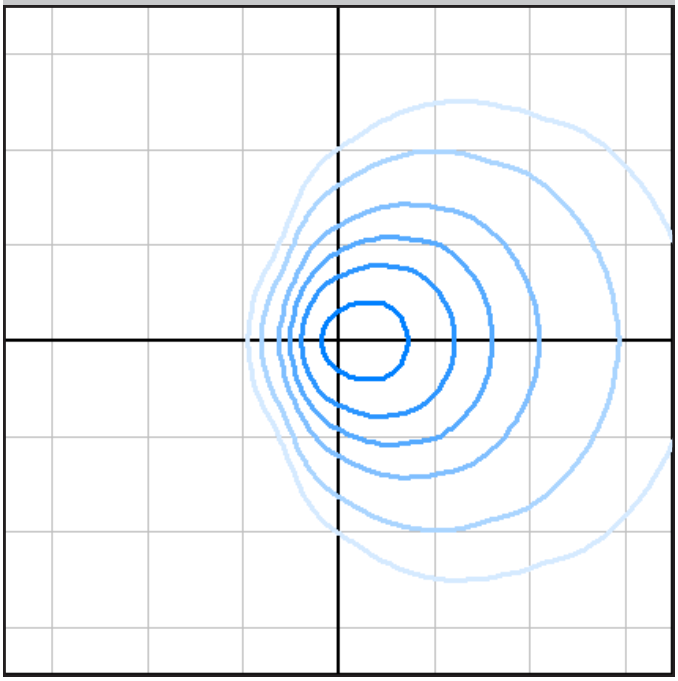
Photometry	IESNA: LM-63-2002
TEST: 80211017-1	TEST LAB: CSA Group
LUMINAIRE: WS900-5	DATE: 2024-05-14
IES Classification: Type III	Longitudinal Class: Very Short
Luminaire Lumens	3697
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	49.37
Upward Waste Light Ratio	0.15
Max. Candela	788.83 (85H, 2.5V)
Max. Cd. < 90° Vertical	788.83 (85H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	352.67 (9.5% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	414.59 (11.2% Luminaire)
Cutoff Classification: n/a	BUG Rating:

Technical aspects may change without notice.

Candela

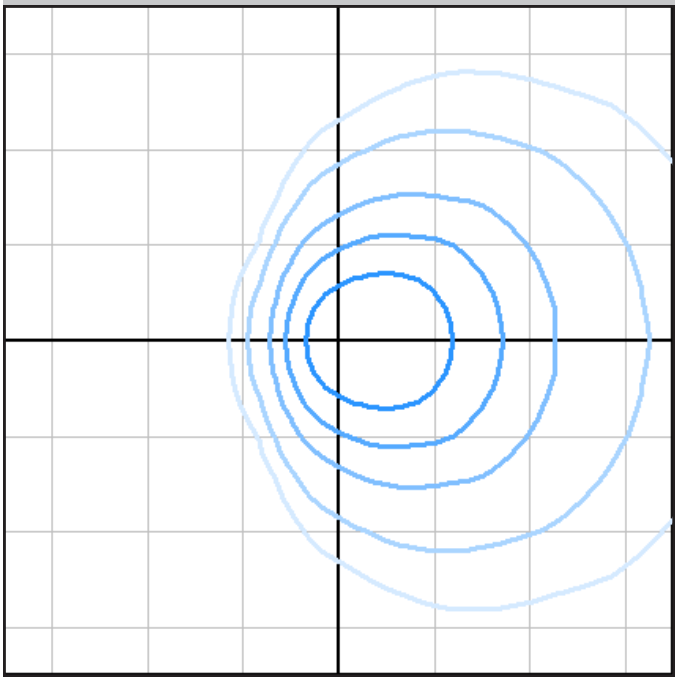


Iso-illuminance: Ground Plane, MH 7' off-ground



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 10'

Iso-illuminance: Ground Plane, MH 10' off-ground



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

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

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LUMUX

WALL SCONCE

LUMINAIRES IN THIS COLLECTION

WS500
ø14"

WS700
ø11"

WS200
ø6 ½"

WS250
ø6 ½"

WS520
ø14"

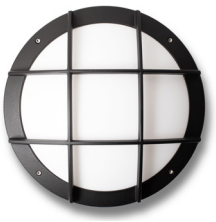
WS740
ø11”

WS900
18", 2’, 4’ & 5’

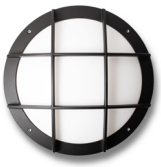
WS920
18”, 2’, 4’ & 5’

WS533
ø14"

WS733
ø11”



WS534
ø14"



WS734
ø11”

WS-BL500-4
4' long

WS-BL500-5
5' long

WS550
ø14"

WS750
ø11”

WS540
14”

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