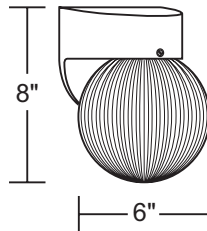


OUTDOOR WALL FIXTURE 211/212



EXTENDS:
6 1/2"
H/CTR:
2 3/8"
BACKPLATE:
4 3/4" x 4 1/2"

Wave Lighting's 211/212 adds a contemporary look to any outdoor space. This fixture can be used to comply with 2016 Title 24 Part 6 High Efficacy LED Light Source Requirements. Wave Lighting's 211/212 is designed for wall applications and mounting hardware is included. Options include photocell.

LED SOURCE OPTIONS

LIGHTWAVE LED - LR/LT

- 120V, 50/60 Hz
- AC Driver-On-Board Array
- Estimated 50,000 Hrs L₇₀
- Low Flicker (LT models)
- Surge Supression
- Dimmable (see compatible dimmer list)
- High Efficacy LED Light Source
- 3000K or 4000K CCT; 80 or 90CRI
- 5 Year Warranty
- Energy Star

LED MULTI-VOLT SYSTEM - L11

- 120-277V, 50/60Hz
- Estimated 50,000 Hrs L₇₀
- 4000K CCT 80CRI
- 3 Year Warranty
- Energy Star

E26 REPLACEABLE LED - LE26

- 120V, 50/60Hz
- "Screw-In" Medium Base A19/E26 LED Lamp
- Estimated 15,000 Hrs L₇₀
- Low Flicker (3K models)
- Dimmable (see compatible dimmer list)
- 3000K CCT 90CRI or 4000K CCT 80CRI
- 3 Year Warranty
- Energy Star







SPECIFICATIONS

- Black or White
- Mounting Hardware Included
- Clear Prismatic Diffuser
- Wall Mount Only
- Minimum Starting Temp -20°F
- UL Listed for Wet Locations

GUIDE: 211-BK-LR12W-PC

CALL FOR PHOTOMETRIC INFORMATION

ITEM #	LENS	COLOR	LIGHT SOURCE	OPTION
211	ACRYLIC Clear Prism	BK-Black WH-White	INCANDESCENT (1) 60W MAX Medium Base	PC-Photocell (NOT AVAILABLE W/ L11)
			LED LIGHT SOURCE	
212	Opal		LIGHTWAVE LED LR12-13W 1000lm 80CRI  LT12-12W 1040lm 90CRI 	CCT C-4K W-3K
			LED MULTI-VOLT SYSTEM L11-11W 912lm 	4K
			E26 REPLACEABLE LED LE26-10W 800lm 	C-4K W-3K

★ Lamp Included  Energy Star Qualified Product

REFER TO CATALOG FOR OPTION SPECIFICATIONS - Specifications subject to change without notice - FIXTURE SPEC 1/19

BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

1618 HEADLAND DR.
FENTON, MO 63026
(636) - 343-6006
(636) - 343-6051 FAX



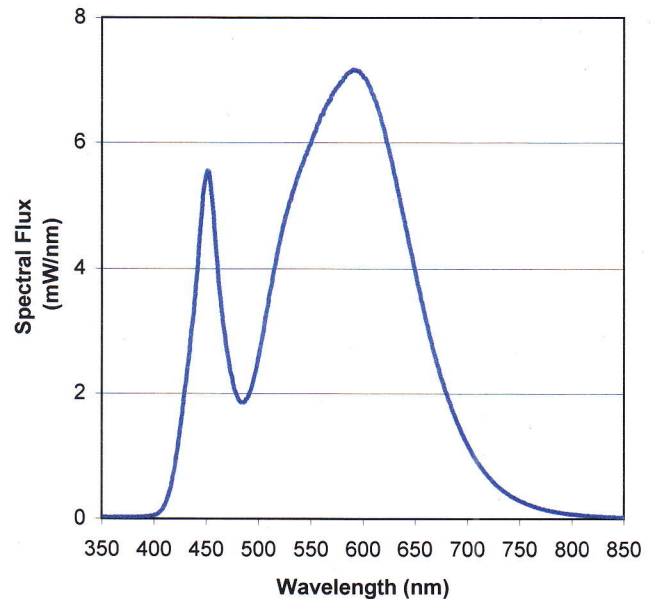
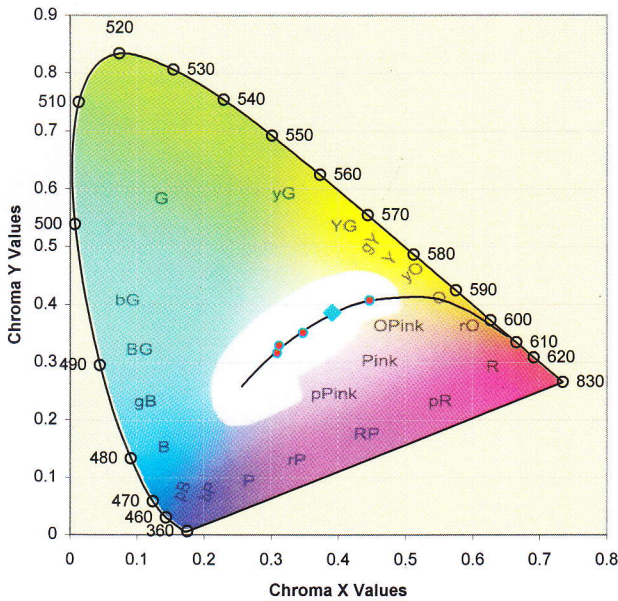
BALLABS CERTIFIED TEST REPORT NO.: 16691.1 A DATE 05/29/12
 PREPARED FOR: WAVE LIGHTING - CUYAHOGA FALLS, OH
 DESCRIPTION: 4 LED 11W 900 LUMEN LED MODULE WALL MNT AREA LUMINAIRE
 6"DIA WHITE ACRYLIC DIFFUSER
 DRIVER #IG900-DMV-1 WATTS=11.40

CATALOG NBR: 212-XX-L11
 LAMP TYPE : CREE XTE 4000K RATED LUMENS NA. NBR. LAMPS:- 1

Lamp Voltage V	Lamp Current A	Lamp Watts W
120.0	0.135	11.40
Luminous Flux (Lumens)	Luminous Efficacy LPW	Power Factor
412	36.2	0.70
Chroma x	Chroma y	Color Rend Index
0.3921	0.3863	79.7
Chroma u	Chroma v	Corr Color Temp (K)
0.2289	0.3383	3767.6

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.0288	610	6.7647
360	0.0230	620	6.2544
370	0.0247	630	5.5560
380	0.0259	640	4.7741
390	0.0345	650	4.0072
400	0.0544	660	3.2451
410	0.1970	670	2.5757
420	0.7921	680	2.0315
430	2.0206	690	1.5782
440	3.5582	700	1.2133
450	5.4554	710	0.9196
460	4.3382	720	0.6986
470	2.7444	730	0.5219
480	1.9637	740	0.3964
490	1.9367	750	0.3003
500	2.5304	760	0.2302
510	3.4732	770	0.1765
520	4.3756	780	0.1328
530	5.0574	790	0.1015
540	5.5495	800	0.0768
550	5.9745	810	0.0595
560	6.4249	820	0.0468
570	6.7512	830	0.0376
580	6.9858	840	0.0298
590	7.1659	850	0.0227
600	7.0752		

Chromaticity Diagram CIE 1931 2 Degree



Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



Kelly Lerbs

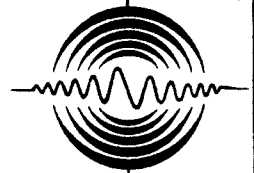
NVLAP LAB CODE 200921-0

Kelly Lerbs
Vice President

SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

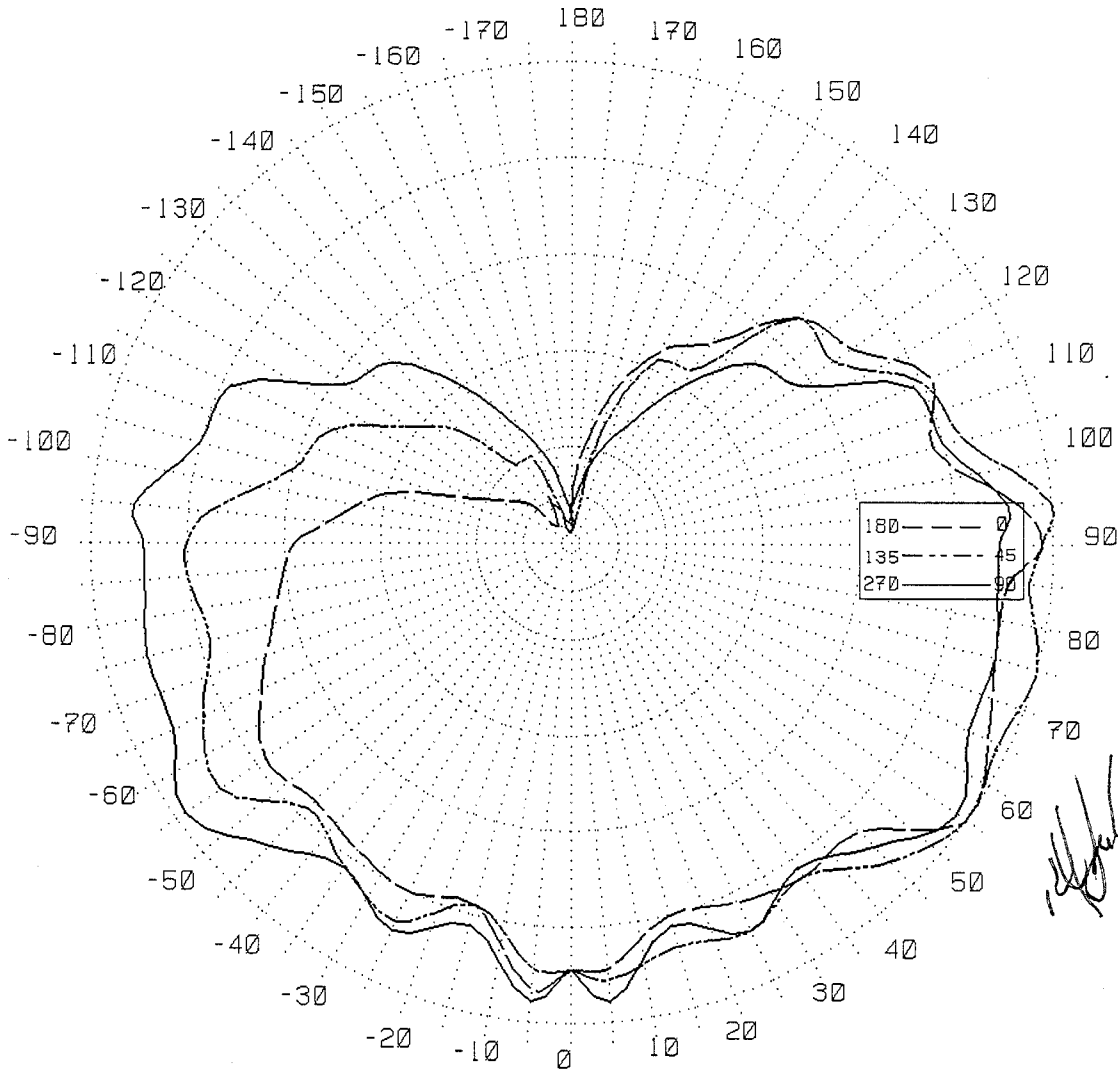
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0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	33.	NA.	8.0	90-120	107.	NA.	25.9
0- 40	56.	NA.	13.7	90-130	128.	NA.	31.0
0- 60	125.	NA.	30.3	90-150	153.	NA.	37.1
0- 90	251.	NA.	61.0	90-180	161.	NA.	39.0
TOTAL LUMINAIRE = 0-180					412.	NA.	100.0

SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

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CANDLEPOWER DISTRIBUTION
 0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER

VERT	HORIZONTAL									LUMENS		TOTAL
	.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	FRONT	BACK	
0	40.	40.	40.	40.	40.	40.	40.	40.	40.			
5	40.	40.	41.	43.	43.	40.	40.	40.	42.	2.0	1.9	3.9
10	36.	39.	37.	36.	38.	37.	35.	35.	34.			
15	36.	38.	39.	39.	37.	37.	35.	35.	35.	5.5	5.1	10.6
20	36.	37.	40.	38.	40.	40.	39.	36.	38.			
25	37.	40.	40.	42.	40.	39.	39.	37.	36.	9.5	8.8	18.4
30	37.	37.	38.	38.	38.	38.	35.	35.	38.			
35	38.	37.	38.	40.	37.	38.	37.	35.	35.	12.1	11.5	23.6
40	38.	38.	39.	40.	39.	40.	40.	36.	35.			
45	38.	38.	42.	41.	40.	38.	35.	38.	34.	15.4	14.8	30.1
50	41.	43.	42.	43.	42.	41.	40.	36.	33.			
55	45.	43.	45.	45.	44.	43.	40.	38.	35.	19.9	18.3	38.1
60	43.	42.	45.	44.	43.	42.	40.	35.	34.			
65	43.	44.	44.	45.	41.	43.	38.	35.	32.	22.2	19.4	41.7
70	42.	44.	45.	46.	45.	45.	36.	33.	32.			
75	41.	43.	45.	45.	41.	42.	35.	29.	29.	23.4	18.8	42.2
80	40.	45.	45.	46.	40.	40.	35.	27.	25.			
85	41.	42.	43.	43.	40.	40.	36.	30.	27.	23.3	19.1	42.4
90	44.	45.	44.	45.	40.	41.	36.	29.	26.			
95	42.	42.	45.	46.	41.	40.	34.	29.	23.	24.2	18.8	43.0
100	37.	40.	40.	39.	36.	35.	29.	22.	21.			
105	35.	36.	38.	39.	36.	34.	27.	19.	18.	19.9	13.9	33.8
110	40.	38.	39.	39.	38.	31.	27.	21.	19.			
115	37.	38.	36.	36.	35.	30.	25.	16.	10.	18.4	11.5	29.9
120	30.	30.	30.	29.	30.	25.	18.	9.	7.			
125	32.	30.	30.	30.	26.	24.	19.	10.	7.	13.4	7.6	21.0
130	27.	25.	25.	26.	25.	21.	15.	9.	7.			
135	30.	28.	30.	28.	24.	20.	15.	9.	5.	10.8	5.6	16.4
140	22.	23.	23.	21.	22.	14.	12.	7.	3.			
145	23.	20.	20.	20.	18.	14.	9.	3.	2.	6.1	2.7	8.9
150	21.	20.	16.	16.	13.	11.	10.	4.	4.			
155	20.	19.	19.	15.	12.	11.	9.	4.	5.	3.9	1.8	5.7
160	19.	14.	16.	14.	9.	7.	4.	5.	2.			
165	14.	12.	10.	9.	8.	3.	3.	0.	3.	1.5	.2	1.8
170	13.	9.	6.	9.	9.	5.	3.	0.	0.			
175	7.	6.	1.	5.	4.	0.	2.	0.	1.	.3	.0	.3
180	3.	3.	3.	3.	3.	3.	3.	3.	3.			

USE .000 FT. AS LENGTH AND .500 FT. AS WIDTH

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LUMINOUS EFFICACY (LUEMS / WATTS) = 36.2

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS
UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08

wall
side

