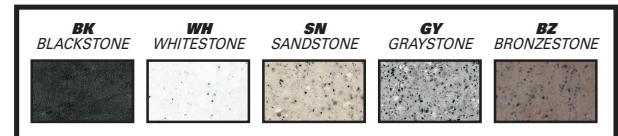
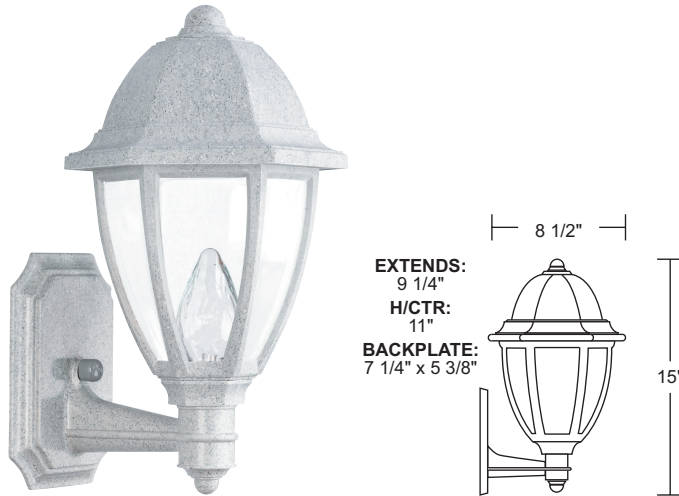


OUTDOOR WALL FIXTURE S21S



Wave Lighting's S21S provides a level of beauty to any outdoor space. EverStone™ is a proprietary compression molded composite material that provides a level of non-corrosive durability that is unavailable in traditional metallic lighting fixtures. This fixture can be used to comply with 2016 Title 24 Part 6 High Efficacy LED Light Source Requirements. Wave Lighting's S21S is designed for wall applications and non-corrosive mounting hardware is included.



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

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, White, Sand, Gray, & Bronze
- Nylon Mounting Hardware Included
- Oceanside Approved
- Clear or Frosted Acrylic Diffuser
- Wall Mount Only
- Minimum Starting Temp -20°F
- UL Listed for Wet Locations

GUIDE: S21SC-LR12W-WH

CALL FOR PHOTOMETRIC INFORMATION

ITEM #	LENS	LIGHT SOURCE	COLOR	
S21S	ACRYLIC C-Clear F-Frosted	INCANDESCENT (1) 60W MAX Medium Base	BK-Blackstone WH-Whitestone SN-Sandstone GY-Graystone BZ-Bronzestone	
		LED LIGHT SOURCE		
		LIGHTWAVE LED LR12-13W 1000lm 80CRI LT12-12W 1040lm 90CRI		CCT C-4K W-3K
		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.: 18409.0 A
 DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE

DATE 09/04/14

CLEAR ACRYLIC LENS OVER LEDS w/CLEAR ACRYLIC SIDE LENSES

CATALOG NBR: S21SC-LE800C-SN
 LAMP TYPE : PCB-799 REV 8.0

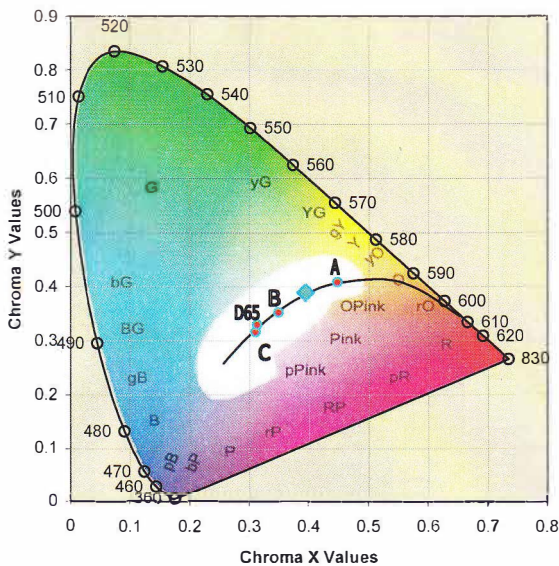
RATED LUMENS

NA. NBR. LAMPS:- 1

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.1117
INPUT WATTS (W)	13.058
POWER FACTOR	0.9734
THDv (%)	0.1904%
THDi (%)	23.3920%
LUMINOUS EFFICACY-LPW	50.5
LUMINOUS FLUX- LUMENS	659
CHROMA x	0.3941
CHROMA y	0.3885
CHROMA u	0.2293
CHROMA v	0.3391
DELTA uv (Duv)	0.0012
CORR COLOR TEMP (K)	3737
COLOR REND INDEX (RA)	83.23
COLOR REND INDEX (R9)	15.6

Wavelength (nm)	Spectral Flux (mW/nm)	Wavelength (nm)	Spectral Flux (mW/nm)
350	0.0448	610	10.9040
360	0.0457	620	10.2260
370	0.0358	630	9.2479
380	0.0350	640	8.1130
390	0.0515	650	6.9106
400	0.1025	660	5.7226
410	0.3210	670	4.6144
420	1.0278	680	3.6471
430	2.8104	690	2.8348
440	6.0223	700	2.1685
450	9.0832	710	1.6405
460	5.5957	720	1.2344
470	3.8578	730	0.9243
480	3.4415	740	0.6860
490	4.2788	750	0.5096
500	5.4248	760	0.3839
510	6.3128	770	0.2816
520	7.0331	780	0.2115
530	7.7319	790	0.1591
540	8.5009	800	0.1205
550	9.2608	810	0.0890
560	9.9968	820	0.0682
570	10.6006	830	0.0560
580	11.0814	840	0.0398
590	11.3262	850	0.0316
600	11.2947		

Chromaticity Diagram CIE 1931 2 Degree

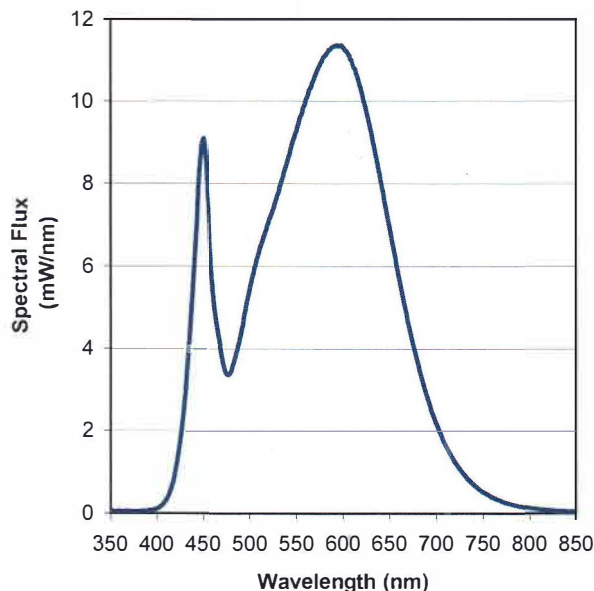


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.

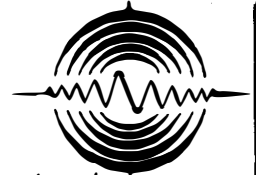


NVLAP LAB CODE 200921-0

Kelly C. Lerbs
 Vice President



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

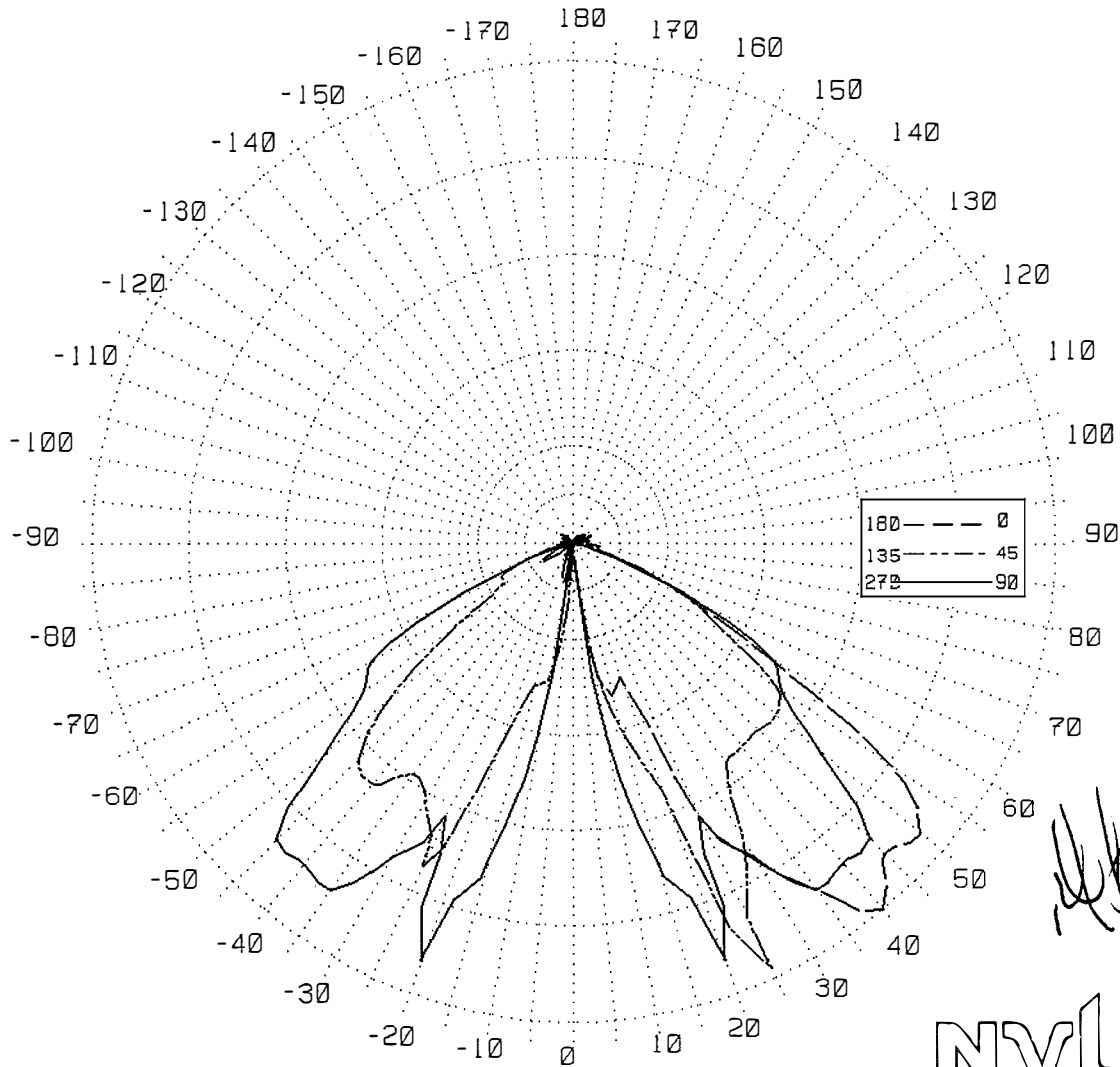


BALLABS CERTIFIED TEST REPORT NO.: 18409.0 DATE 09/04/14
 DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE
 CLEAR ACRYLIC LENS OVER LEDS w/CLEAR ACRYLIC SIDE LENSES

CATALOG NBR: S21SC-LE800C-SN

LAMP TYPE : PCB-799 REV 8.0 RATED LUMENS NA. NBR. LAMPS:- 1

0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



NVLAP[®]

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	131.	NA.	19.9	90-120	14.	NA.	2.2
0- 40	263.	NA.	39.9	90-130	18.	NA.	2.7
0- 60	542.	NA.	82.2	90-150	22.	NA.	3.3
0- 90	638.	NA.	96.7	90-180	22.	NA.	3.3
TOTAL LUMINAIRE =				0-180	659.	NA.	100.0

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

BALLABS CERTIFIED TEST REPORT NO.: 18409.0 DATE 09/04/14
 DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE
 CLEAR ACRYLIC LENS OVER LEDS w/CLEAR ACRYLIC SIDE LENSES

CATALOG NBR: S21SC-LE800C-SN
 LAMP TYPE : PCB-799 REV 8.0 RATED LUMENS NA. NBR. LAMPS:- 1

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	4.	4.	4.	4.	4.	4.	4.	4.	4.			
5	9.	8.	9.	4.	11.	33.	45.	5.	2.	.3	.9	1.2
10	66.	98.	69.	42.	112.	84.	80.	79.	22.			
15	92.	169.	112.	54.	193.	84.	85.	109.	24.	15.8	13.7	29.5
20	82.	221.	154.	84.	258.	142.	127.	173.	14.			
25	176.	272.	273.	166.	175.	256.	206.	172.	3.	50.8	49.5	100.3
30	213.	215.	200.	215.	210.	293.	172.	125.	9.			
35	246.	213.	156.	236.	246.	295.	162.	97.	0.	70.4	61.6	132.0
40	279.	203.	153.	259.	243.	283.	181.	83.	0.			
45	255.	202.	152.	243.	243.	233.	176.	75.	0.	86.2	59.6	145.8
50	263.	212.	154.	226.	188.	180.	139.	103.	2.			
55	225.	161.	146.	164.	148.	143.	84.	127.	13.	72.9	60.6	133.5
60	133.	121.	103.	112.	135.	97.	46.	57.	22.			
65	76.	102.	75.	72.	85.	62.	45.	42.	15.	43.2	25.7	68.9
70	41.	37.	42.	36.	32.	40.	32.	21.	10.			
75	15.	19.	19.	15.	13.	19.	17.	9.	2.	9.1	7.4	16.6
80	12.	16.	15.	11.	5.	10.	9.	3.	1.			
85	11.	15.	15.	10.	4.	9.	9.	3.	0.	6.8	3.2	10.0
90	8.	12.	9.	8.	1.	6.	5.	2.	0.			
95	4.	9.	9.	6.	2.	5.	6.	0.	0.	4.1	1.5	5.6
100	6.	10.	10.	8.	4.	5.	3.	0.	0.			
105	5.	4.	8.	5.	2.	3.	0.	0.	0.	2.6	.9	3.4
110	9.	9.	10.	9.	4.	5.	5.	0.	0.			
115	5.	5.	11.	10.	6.	6.	6.	0.	0.	3.8	1.6	5.4
120	6.	4.	8.	9.	5.	3.	2.	0.	0.			
125	4.	2.	5.	9.	4.	4.	5.	0.	0.	2.4	1.0	3.4
130	5.	5.	4.	8.	9.	2.	3.	0.	0.			
135	5.	2.	5.	8.	6.	5.	1.	0.	0.	1.9	1.0	2.9
140	4.	2.	3.	8.	5.	2.	0.	0.	0.			
145	1.	0.	2.	4.	2.	2.	0.	0.	0.	.7	.3	1.0
150	0.	0.	0.	0.	0.	0.	0.	0.	0.			
155	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
160	0.	0.	0.	0.	0.	0.	0.	0.	0.			
165	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
170	0.	0.	0.	0.	0.	0.	0.	0.	0.			
175	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
180	0.	0.	0.	0.	0.	0.	0.	0.	0.			

USE .448 FT. AS LENGTH AND .448 FT. AS WIDTH

BALLABS CERTIFIED TEST REPORT NO.: 18409.0
DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE

DATE 09/04/14

CLEAR ACRYLIC LENS OVER LEDS w/CLEAR ACRYLIC SIDE LENSES

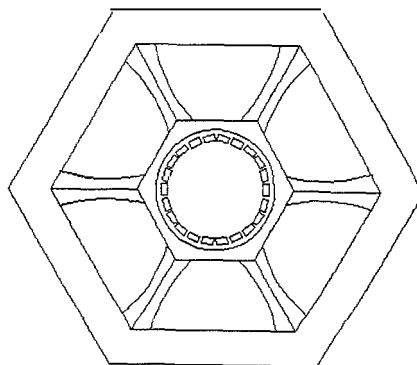
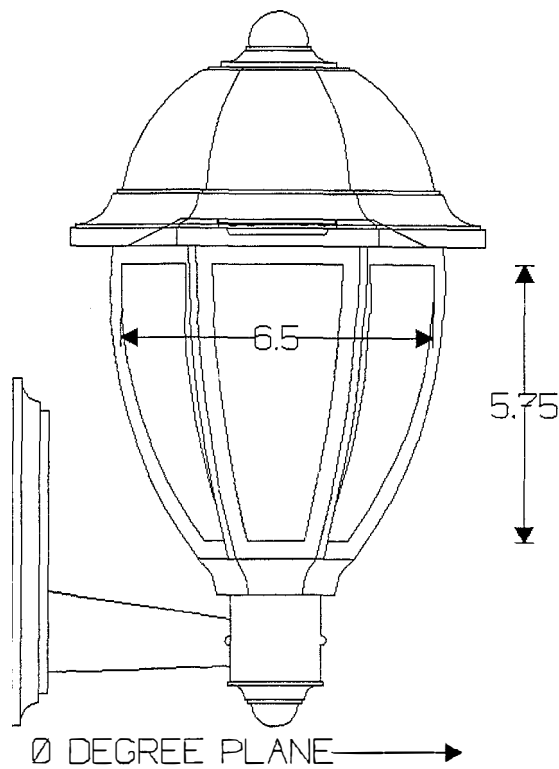
CATALOG NBR: S21SC-LE800C-SN

LAMP TYPE : PCB-799 REV 8.0 RATED LUMENS NA. NBR. LAMPS:- 1

ELECTRICAL CHARACTERISTICS 120.0V .1117A 13.058W

LUMINOUS EFFICACY (LUMENS / WATTS) = 50.5

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





BALLABS CERTIFIED TEST REPORT NO.: 18410.0 A
DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE

DATE 09/05/14

CLEAR ACRYLIC LENS OVER LEDS w/FROSTED ACRYLIC SIDE LENSES

CATALOG NBR: S21SF-LE800C-SN
LAMP TYPE : PCB-799 REV 8.0

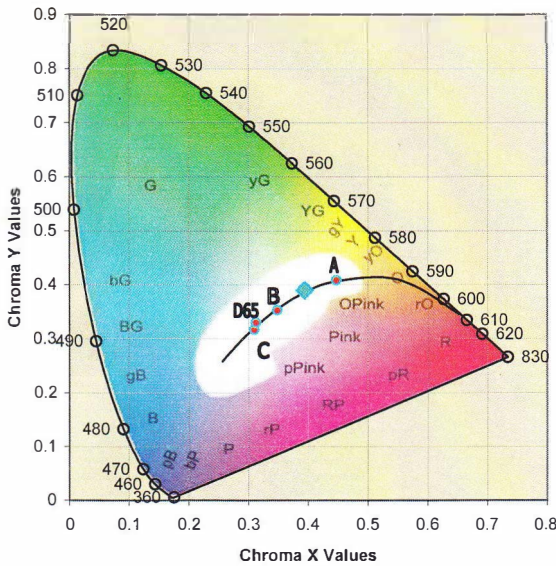
RATED LUMENS

NA. NBR. LAMPS:- 1

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.1118
INPUT WATTS (W)	13.064
POWER FACTOR	0.9734
THDv (%)	0.1882%
THDi (%)	23.3980%
LUMINOUS EFFICACY-LPW	49.1
LUMINOUS FLUX- LUMENS	641
CHROMA x	0.3947
CHROMA y	0.389
CHROMA u	0.2295
CHROMA v	0.3393
DELTA uv (Duv)	0.0013
CORR COLOR TEMP (K)	3728
COLOR REND INDEX (RA)	83.21
COLOR REND INDEX (R9)	15.6

Wavelength (nm)	Spectral Flux (mW/nm)	Wavelength (nm)	Spectral Flux (mW/nm)
350	0.0409	610	10.6230
360	0.0366	620	9.9480
370	0.0341	630	9.0187
380	0.0369	640	7.9224
390	0.0463	650	6.7406
400	0.0936	660	5.5909
410	0.3127	670	4.4966
420	0.9954	680	3.5656
430	2.7296	690	2.7705
440	5.8450	700	2.1204
450	8.7678	710	1.6031
460	5.3862	720	1.2072
470	3.7166	730	0.9030
480	3.3447	740	0.6696
490	4.1698	750	0.5002
500	5.2663	760	0.3713
510	6.1384	770	0.2751
520	6.8380	780	0.2076
530	7.5123	790	0.1555
540	8.2669	800	0.1167
550	9.0103	810	0.0898
560	9.7268	820	0.0696
570	10.3158	830	0.0524
580	10.7807	840	0.0410
590	11.0316	850	0.0323
600	10.9949		

Chromaticity Diagram CIE 1931 2 Degree

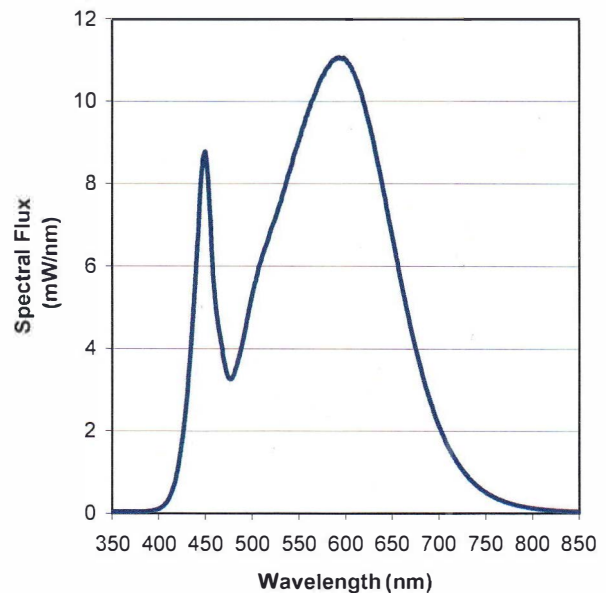


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.

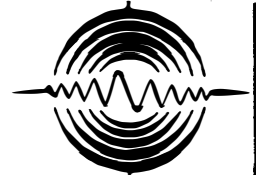


NVLAP LAB CODE 200921-0

Kelly C. Lerbs
Vice President



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



BALLABS CERTIFIED TEST REPORT NO.: 18410.0
 DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE

DATE 09/05/14

CLEAR ACRYLIC LENS OVER LEDS w/FROSTED ACRYLIC SIDE LENSES

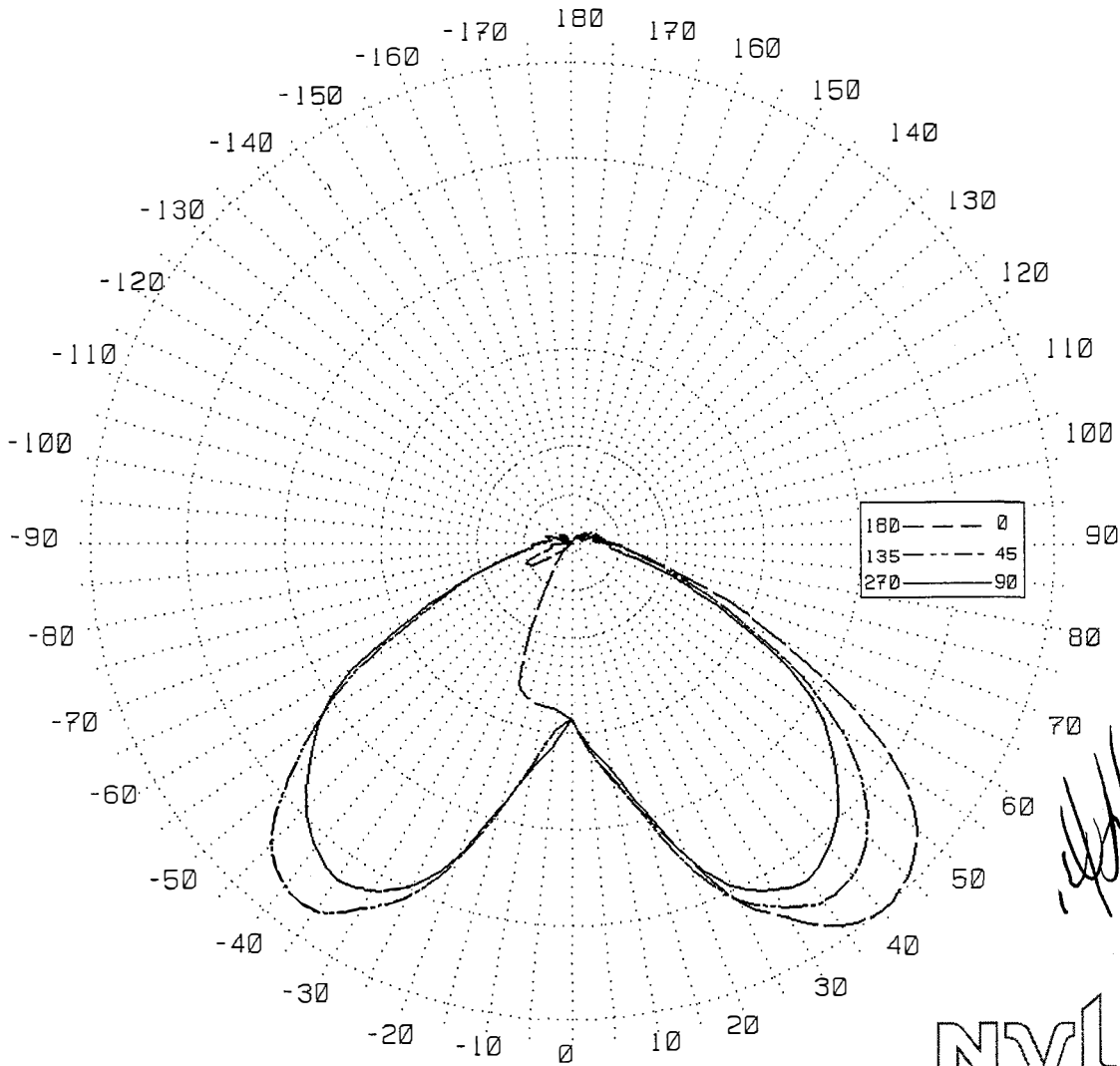
CATALOG NBR: S21SF-LE800C-SN

LAMP TYPE : PCB-799 REV 8.0

RATED LUMENS

NA. NBR. LAMPS:- 1

0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	116.	NA.	18.1	90-120	29.	NA.	4.6
0- 40	225.	NA.	35.1	90-130	34.	NA.	5.3
0- 60	466.	NA.	72.8	90-150	37.	NA.	5.7
0- 90	605.	NA.	94.3	90-180	37.	NA.	5.7
TOTAL LUMINAIRE = 0-180					641.	NA.	100.0

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

BALLABS CERTIFIED TEST REPORT NO.: 18410.0 DATE 09/05/14
 DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE
 CLEAR ACRYLIC LENS OVER LEDS w/FROSTED ACRYLIC SIDE LENSES

CATALOG NBR: S21SF-LE800C-SN
 LAMP TYPE : PCB-799 REV 8.0 RATED LUMENS NA. NBR. LAMPS:- 1

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	80.	80.	80.	80.	80.	80.	80.	80.	80.			
5	94.	90.	94.	92.	92.	84.	85.	80.	75.	4.3	3.9	8.2
10	107.	106.	108.	108.	104.	103.	102.	84.	74.			
15	126.	127.	127.	128.	124.	130.	125.	99.	73.	18.1	16.3	34.4
20	149.	156.	155.	149.	149.	158.	151.	108.	67.			
25	177.	177.	176.	172.	169.	183.	175.	102.	43.	40.4	33.0	73.4
30	193.	190.	188.	189.	179.	199.	189.	87.	21.			
35	209.	199.	196.	203.	183.	211.	201.	81.	12.	63.2	45.8	109.0
40	214.	197.	195.	207.	178.	217.	200.	72.	6.			
45	211.	187.	186.	197.	168.	202.	190.	67.	2.	74.2	52.2	126.5
50	200.	168.	169.	176.	153.	180.	166.	64.	1.			
55	178.	145.	147.	148.	136.	153.	137.	67.	7.	65.7	49.3	115.0
60	141.	116.	117.	115.	113.	113.	106.	64.	19.			
65	103.	88.	85.	84.	81.	82.	74.	52.	22.	42.8	33.2	76.0
70	74.	63.	62.	60.	55.	57.	53.	40.	18.			
75	48.	46.	43.	41.	36.	36.	36.	27.	12.	23.1	16.7	39.8
80	33.	29.	31.	31.	23.	28.	24.	15.	9.			
85	24.	24.	24.	25.	18.	20.	18.	12.	9.	13.6	8.7	22.3
90	19.	19.	21.	22.	17.	18.	15.	12.	6.			
95	15.	12.	15.	15.	12.	13.	11.	4.	2.	7.5	4.8	12.4
100	12.	12.	14.	13.	10.	9.	9.	3.	2.			
105	10.	11.	12.	13.	11.	10.	12.	4.	1.	6.4	3.8	10.2
110	11.	12.	13.	13.	10.	12.	10.	6.	6.			
115	6.	9.	8.	10.	4.	6.	4.	2.	1.	4.7	1.9	6.6
120	8.	8.	10.	11.	6.	6.	3.	3.	0.			
125	4.	6.	7.	9.	6.	4.	2.	2.	0.	3.2	1.5	4.7
130	7.	7.	8.	9.	7.	8.	6.	2.	0.			
135	6.	2.	4.	6.	4.	3.	1.	1.	0.	1.5	.9	2.4
140	3.	2.	3.	3.	6.	2.	2.	1.	0.			
145	0.	0.	0.	1.	2.	1.	0.	0.	0.	.2	.2	.3
150	0.	0.	0.	0.	0.	0.	0.	0.	0.			
155	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
160	0.	0.	0.	0.	0.	0.	0.	0.	0.			
165	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
170	0.	0.	0.	0.	0.	0.	0.	0.	0.			
175	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
180	0.	0.	0.	0.	0.	0.	0.	0.	0.			

USE .448 FT. AS LENGTH AND .448 FT. AS WIDTH

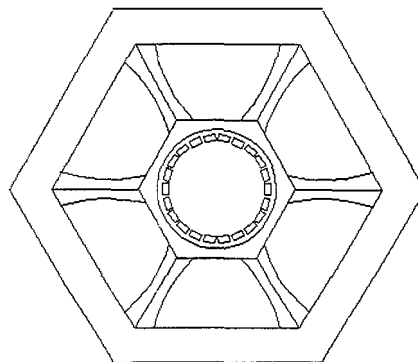
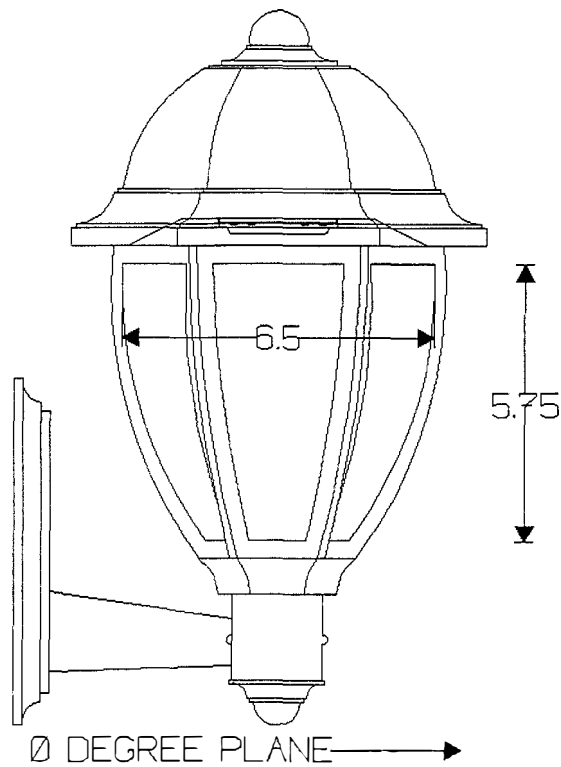
BALLABS CERTIFIED TEST REPORT NO.: 18410.0 DATE 09/05/14
DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE
CLEAR ACRYLIC LENS OVER LEDS w/FROSTED ACRYLIC SIDE LENSES

CATALOG NBR: S21SF-LE800C-SN
LAMP TYPE : PCB-799 REV 8.0 RATED LUMENS NA. NBR. LAMPS:- 1

ELECTRICAL CHARACTERISTICS 120.0V .1118A 13.064W

LUMINOUS EFFICACY (LUMENS / WATTS) = 49.1

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





BALLABS CERTIFIED TEST REPORT NO.: 18411.0 A DATE 09/04/14
DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE
CLEAR ACRYLIC LENS OVER LEDS w/OPAL ACRYLIC SIDE LENSES

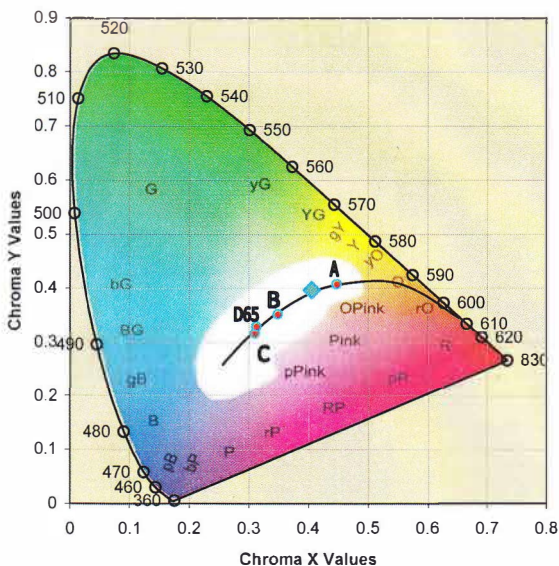
CATALOG NBR: S21SL-LE800C-SN
LAMP TYPE : PCB-799 REV 8.0

RATED LUMENS NA. NBR. LAMPS:- 1

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.1119
INPUT WATTS (W)	13.076
POWER FACTOR	0.9734
THDv (%)	0.1827%
THDi (%)	23.4030%
LUMINOUS EFFICACY-LPW	33.3
LUMINOUS FLUX- LUMENS	435
CHROMA x	0.4060
CHROMA y	0.3966
CHROMA u	0.2337
CHROMA v	0.3425
DELTA uv (Duv)	0.0023
CORR COLOR TEMP (K)	3531
COLOR REND INDEX (RA)	82.96
COLOR REND INDEX (R9)	15.6

Wavelength (nm)	Spectral Flux (mW/nm)	Wavelength (nm)	Spectral Flux (mW/nm)
350	0.0290	610	7.4387
360	0.0295	620	6.9959
370	0.0233	630	6.3827
380	0.0251	640	5.6749
390	0.0267	650	4.8890
400	0.0468	660	4.0818
410	0.1627	670	3.3106
420	0.5644	680	2.6414
430	1.5755	690	2.0705
440	3.4503	700	1.5940
450	5.2861	710	1.2071
460	3.3174	720	0.9121
470	2.3192	730	0.6809
480	2.1023	740	0.5090
490	2.6463	750	0.3833
500	3.3723	760	0.2886
510	3.9803	770	0.2144
520	4.4800	780	0.1618
530	4.9775	790	0.1207
540	5.5111	800	0.0905
550	6.0649	810	0.0687
560	6.5848	820	0.0529
570	7.0246	830	0.0409
580	7.3850	840	0.0319
590	7.6259	850	0.0244
600	7.6616		

Chromaticity Diagram CIE 1931 2 Degree

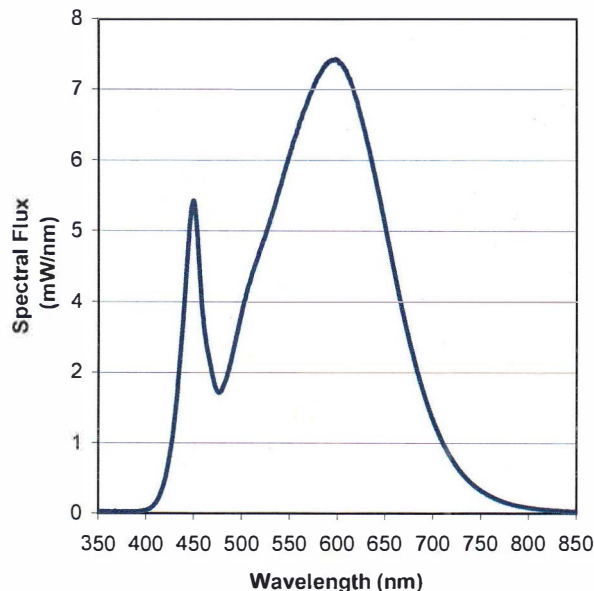


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.

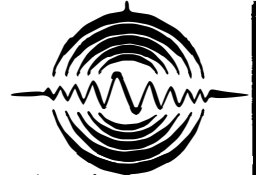


NVLAP LAB CODE 200921-0

Kelly C. Lerbs
Vice President



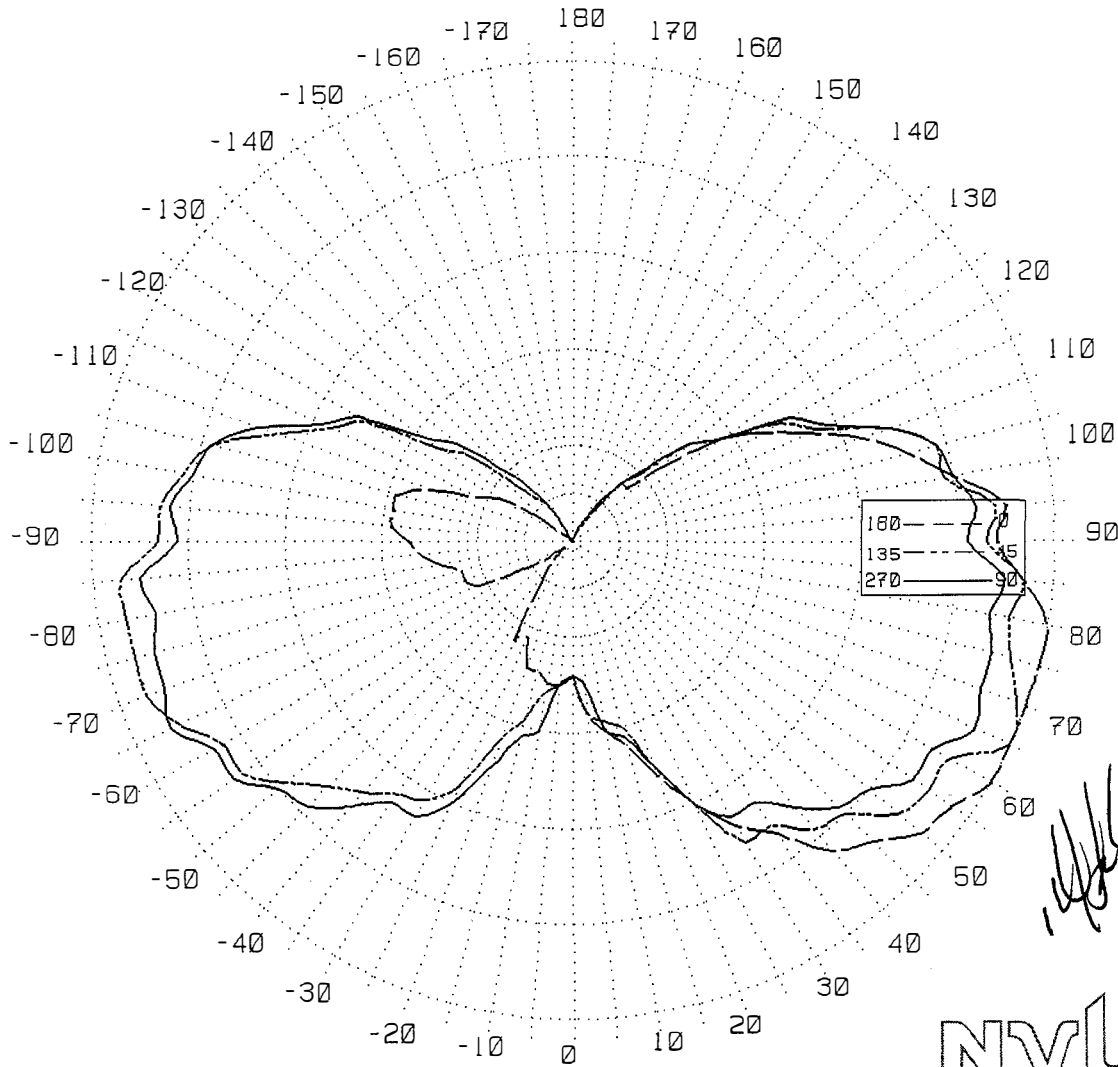
SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.



BALLABS CERTIFIED TEST REPORT NO.: 18411.0 DATE 09/04/14
 DESCRIPTION: 1-(22LED) 12W WALL MOUNT LUMINAIRE
 CLEAR ACRYLIC LENS OVER LEDS w/OPAL ACRYLIC SIDE LENSES

CATALOG NBR: S21SL-LE800C-SN
 LAMP TYPE : PCB-799 REV 8.0 RATED LUMENS NA. NBR. LAMPS:- 1

0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



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NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	23.	NA.	5.3	90-120	128.	NA.	29.5
0- 40	46.	NA.	10.5	90-130	148.	NA.	33.9
0- 60	118.	NA.	27.2	90-150	158.	NA.	36.3
0- 90	277.	NA.	63.7	90-180	158.	NA.	36.3
TOTAL LUMINAIRE =				0-180	435.	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	16.	16.	16.	16.	16.	16.	16.	16.	16.			
5	21.	19.	21.	19.	18.	16.	18.	19.	18.	.9	.8	1.7
10	23.	22.	22.	22.	23.	20.	19.	19.	18.			
15	26.	26.	23.	26.	25.	23.	22.	21.	16.	3.6	3.1	6.8
20	30.	29.	29.	28.	29.	29.	26.	19.	16.			
25	35.	35.	35.	34.	35.	35.	33.	21.	13.	8.0	6.5	14.5
30	40.	42.	42.	39.	39.	39.	36.	22.	14.			
35	43.	42.	42.	41.	39.	41.	37.	20.	7.	13.0	9.5	22.6
40	49.	46.	46.	44.	42.	48.	40.	19.	5.			
45	51.	47.	47.	49.	46.	49.	42.	21.	2.	18.6	13.6	32.1
50	55.	51.	51.	50.	47.	51.	46.	20.	1.			
55	56.	49.	53.	55.	50.	53.	49.	25.	4.	23.3	17.3	40.7
60	58.	53.	53.	54.	50.	54.	49.	26.	7.			
65	58.	58.	58.	58.	54.	57.	53.	30.	13.	29.0	21.8	50.8
70	58.	55.	57.	57.	53.	57.	55.	34.	14.			
75	58.	55.	55.	56.	53.	57.	55.	35.	14.	29.4	24.4	53.8
80	58.	53.	54.	55.	51.	55.	55.	34.	16.			
85	55.	53.	55.	55.	53.	53.	55.	37.	19.	29.3	24.6	53.9
90	51.	49.	50.	49.	48.	49.	50.	36.	20.			
95	53.	48.	51.	53.	49.	49.	50.	39.	22.	27.4	23.9	51.4
100	47.	46.	46.	47.	47.	46.	48.	39.	22.			
105	42.	42.	46.	46.	46.	46.	46.	37.	22.	23.2	22.0	45.2
110	37.	39.	41.	41.	41.	39.	39.	34.	19.			
115	32.	33.	33.	33.	34.	32.	33.	32.	13.	16.3	15.7	31.9
120	27.	30.	29.	29.	30.	28.	29.	28.	11.			
125	22.	22.	22.	22.	22.	21.	20.	20.	6.	10.0	9.2	19.1
130	14.	15.	19.	14.	19.	16.	16.	14.	1.			
135	9.	13.	12.	11.	13.	9.	9.	8.	1.	4.5	3.4	7.9
140	9.	8.	9.	6.	9.	7.	7.	6.	0.			
145	5.	5.	4.	6.	6.	4.	6.	1.	0.	1.7	.7	2.4
150	2.	2.	1.	5.	2.	5.	2.	1.	0.			
155	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
160	0.	0.	0.	0.	0.	0.	0.	0.	0.			
165	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
170	0.	0.	0.	0.	0.	0.	0.	0.	0.			
175	0.	0.	0.	0.	0.	0.	0.	0.	0.	.0	.0	.0
180	0.	0.	0.	0.	0.	0.	0.	0.	0.			

USE .448 FT. AS LENGTH AND .448 FT. AS WIDTH

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ELECTRICAL CHARACTERISTICS 120.0V .1119A 13.076W

LUMINOUS EFFICACY (LUMENS / WATTS) = 33.3

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

