

IES INDOOR REPORT

PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

DESCRIPTION INFORMATION (From Photometric File)

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IESNA:LM-63-2002
[TEST] 2020111325
[TESTLAB] Lightart
[TESTDATE] 2020-11-13
[ISSUE DATE] 2020-11-13 17:06:56
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC]
[LUMINAIRE]
[OTHER]
[OTHER] Gamma(deg)  Fz(lm)   Ft(lm)   %Lum   %Lamp
[OTHER] 0- 10      1.05    1.05    0.08   0.08
[OTHER] 10- 20      7.99    9.04    0.72   0.72
[OTHER] 20- 30     22.37   31.40   2.50   2.50
[OTHER] 30- 40     43.25   74.65   5.93   5.93
[OTHER] 40- 50     68.03  142.68  11.34  11.34
[OTHER] 50- 60     92.42  235.10  18.68  18.68
[OTHER] 60- 70    112.89  347.99  27.66  27.66
[OTHER] 70- 80    128.93  476.92  37.90  37.90
[OTHER] 80- 90    138.02  614.94  48.87  48.87
[OTHER] 90-100    137.52  752.46  59.80  59.80
[OTHER] 100-110   127.85  880.31  69.96  69.96
[OTHER] 110-120   112.95  993.26  78.94  78.94
[OTHER] 120-130   94.66  1087.92 86.46  86.46
[OTHER] 130-140   73.69  1161.61 92.32  92.32
[OTHER] 140-150   50.88  1212.49 96.36  96.36
[OTHER] 150-160   29.96  1242.46 98.74  98.74
[OTHER] 160-170   13.53  1255.99 99.82  99.82
[OTHER] 170-180    2.31  1258.30 100.00 100.00
[OTHER]

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CHARACTERISTICS

Lumens Per Lamp	1258.3 (1 lamp)
Total Lamp Lumens	1258.3
Luminaire Lumens	1257
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	68
Total Luminaire Watts	18.5655
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.31 m
Luminous Width (90-270)	0.12 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3029	6380	8052
55	4429	9246	11695
65	6246	14040	17702
75	11204	24536	30916
85	36704	74967	94403

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CANDELA TABULATION

	<u>0</u>	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>150</u>	<u>180</u>	<u>210</u>	<u>240</u>	<u>270</u>
0	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
1	1.36	2.81	2.94	2.97	2.86	1.97	1.33	1.28	1.24	1.28
2	3.19	5.27	6.01	7.05	7.00	5.83	2.79	1.30	1.34	1.32
3	4.37	7.29	8.90	10.00	9.79	8.36	5.80	1.40	1.55	1.54
4	5.40	9.48	11.75	12.88	12.51	10.66	7.23	1.66	1.65	1.66
5	6.56	11.84	14.65	16.12	15.44	13.16	8.73	2.30	1.74	1.73
6	7.81	14.38	17.80	19.62	18.56	15.87	10.37	2.99	1.83	1.83
7	9.18	17.18	21.16	23.29	21.90	18.76	12.10	3.93	1.75	1.93
8	10.59	20.14	24.72	27.24	25.39	21.82	13.94	4.97	1.73	1.98
9	12.10	23.27	28.41	31.31	29.02	24.93	15.84	6.07	1.74	2.04
10	13.61	26.55	32.26	35.64	32.73	28.16	17.85	7.11	1.76	2.04
11	15.17	29.87	36.13	40.11	36.57	31.49	19.92	7.65	1.79	2.04
12	16.81	33.32	40.20	44.60	40.47	34.85	22.07	7.95	1.81	2.04
13	18.43	36.83	44.29	49.28	44.45	38.25	24.27	8.21	1.82	2.08
14	20.05	40.37	48.41	53.98	48.44	41.74	26.52	8.41	1.84	2.13
15	21.67	43.89	52.62	58.75	52.53	45.24	28.80	8.56	1.87	2.18
16	23.31	47.52	56.90	63.66	56.63	48.73	31.16	8.65	1.92	2.22
17	24.94	51.12	61.13	68.58	60.75	52.21	33.54	8.69	1.95	2.27
18	26.53	54.77	65.40	73.56	64.91	55.75	35.98	8.70	1.99	2.33
19	28.15	58.39	69.75	78.37	69.06	59.25	38.39	8.68	2.02	2.40
20	29.55	62.01	74.00	83.62	73.20	62.77	40.73	8.64	2.05	2.47
21	30.94	65.61	78.33	88.86	77.42	66.30	43.19	8.62	2.08	2.56
22	32.28	69.25	82.73	93.91	81.56	69.76	45.64	8.59	2.12	2.65
23	33.71	72.87	87.13	99.01	85.70	73.26	48.07	8.56	2.17	2.74
24	35.16	76.45	91.52	104.01	89.88	76.67	50.68	8.56	2.23	2.83
25	36.69	80.00	95.82	109.04	93.98	80.15	53.24	8.60	2.30	2.91
26	38.04	83.56	100.03	114.00	98.14	83.43	55.78	8.73	2.36	2.99
27	39.60	87.02	104.27	118.98	102.18	87.01	58.25	8.97	2.42	3.06
28	41.26	90.53	108.44	123.92	106.26	90.59	60.71	9.28	2.47	3.14
29	43.12	93.97	112.50	128.78	110.28	93.90	63.12	9.68	2.52	3.22
30	45.16	97.34	116.66	133.67	114.25	97.27	65.44	10.21	2.56	3.29
31	47.23	100.72	120.79	138.43	118.21	100.45	67.73	10.81	2.60	3.37
32	49.30	104.02	124.79	143.25	122.14	103.66	70.03	11.52	2.64	3.43
33	51.53	107.30	128.79	147.90	126.06	106.86	72.28	12.33	2.68	3.49
34	53.55	110.58	132.72	152.57	129.91	109.97	74.47	13.24	2.72	3.54
35	55.70	113.76	136.67	157.19	133.66	113.06	76.63	14.21	2.75	3.58
36	57.78	116.98	140.53	161.70	137.41	116.08	78.70	15.22	2.78	3.62
37	59.77	120.08	144.26	166.32	141.13	119.14	80.86	16.23	2.82	3.66
38	61.84	123.17	148.09	170.64	144.83	122.03	82.91	17.26	2.85	3.70
39	63.81	126.20	151.79	174.97	148.43	124.97	84.92	18.27	2.88	3.75
40	65.75	129.20	155.44	179.37	151.98	127.95	86.94	19.27	2.91	3.80
41	67.73	132.18	159.07	183.54	155.50	130.79	88.91	20.25	2.94	3.85
42	69.61	135.10	162.59	187.75	158.95	133.56	90.85	21.24	2.97	3.90
43	71.51	137.96	166.15	191.77	162.35	136.31	92.79	22.24	3.00	3.95
44	73.34	140.75	169.60	195.88	165.97	139.04	94.64	23.23	3.02	3.99
45	75.15	143.55	173.04	199.80	169.59	141.71	96.46	24.19	3.05	4.04
46	76.97	146.31	176.32	203.67	173.20	144.26	98.24	25.13	3.07	4.08
47	78.73	148.97	179.60	207.52	176.23	146.84	99.95	26.03	3.10	4.11
48	80.49	151.62	182.76	211.23	179.34	149.29	101.66	26.93	3.13	4.15
49	82.17	154.19	186.10	214.93	182.36	151.86	103.25	27.79	3.17	4.19
50	83.86	156.66	189.13	218.49	185.32	154.29	104.67	28.62	3.19	4.22
51	85.48	159.19	192.19	222.14	188.38	156.56	105.94	29.40	3.22	4.26
52	87.09	161.61	195.10	225.52	191.25	158.88	106.78	30.18	3.25	4.30
53	88.58	163.98	198.05	228.85	194.02	161.17	106.76	30.93	3.28	4.34

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

CANDELA TABULATION - (Cont.)

54	89.44	166.31	200.87	232.15	196.68	163.39	106.41	31.66	3.31	4.39
55	89.15	168.57	203.62	235.38	199.55	165.52	106.10	32.36	3.34	4.43
56	88.86	170.75	206.29	238.39	202.20	167.82	106.11	33.04	3.37	4.48
57	88.96	172.90	209.00	241.46	204.81	169.89	106.29	33.67	3.41	4.54
58	89.18	175.01	211.58	244.44	207.27	171.86	106.40	34.26	3.46	4.65
59	89.56	177.10	214.11	247.32	209.69	173.82	106.09	34.85	3.50	4.77
60	89.71	179.28	216.44	250.01	212.01	175.74	105.30	35.36	3.56	4.88
61	89.95	181.46	218.78	252.73	214.30	177.50	104.85	35.86	3.67	5.00
62	90.58	183.64	221.08	255.38	216.53	179.35	104.83	36.33	3.78	5.10
63	91.22	185.50	223.38	257.90	218.69	181.11	104.71	36.83	3.90	5.20
64	91.84	187.24	225.41	260.26	220.77	182.85	104.49	37.17	4.02	5.31
65	92.62	188.89	227.54	262.52	222.82	184.44	104.97	37.55	4.13	5.42
66	93.40	190.48	229.55	264.82	224.66	186.03	105.70	37.89	4.25	5.50
67	94.29	192.05	231.44	267.03	226.51	187.53	106.53	38.22	4.60	5.58
68	95.11	193.55	233.19	269.03	228.24	188.94	107.40	38.51	4.48	5.66
69	95.92	195.02	234.93	271.08	229.91	190.31	108.01	38.79	4.56	5.71
70	96.92	196.30	236.56	272.80	231.53	191.70	108.18	39.06	4.63	5.77
71	97.78	197.60	238.14	274.65	232.99	192.88	108.91	39.30	4.70	5.83
72	98.74	198.88	239.69	276.24	234.50	194.10	109.92	39.53	4.77	5.86
73	99.75	199.98	241.00	277.84	235.86	195.11	110.92	39.70	4.94	5.92
74	100.72	201.06	242.28	279.37	237.03	196.13	111.97	39.87	4.99	5.96
75	101.75	202.13	243.54	280.78	238.20	197.09	113.09	40.01	5.01	6.02
76	102.71	203.05	244.64	281.90	239.23	197.86	114.08	40.17	5.03	6.05
77	103.71	203.98	245.55	283.14	240.22	198.69	115.24	40.28	5.02	6.10
78	104.78	204.63	246.57	284.15	241.08	199.44	116.47	40.36	5.04	6.12
79	105.85	205.35	247.42	285.12	241.88	200.15	117.71	40.47	5.07	6.15
80	107.02	206.10	248.18	285.96	242.62	200.67	119.03	40.51	5.17	6.19
81	108.12	206.61	248.69	286.71	243.19	201.17	120.30	40.45	5.35	6.21
82	109.20	207.11	249.36	287.33	243.66	201.68	121.65	40.44	5.28	6.21
83	110.26	207.51	249.81	287.93	243.98	202.00	122.89	40.38	5.18	6.26
84	111.30	207.97	250.23	288.46	244.48	202.20	124.14	40.31	5.17	6.24
85	112.25	208.15	250.39	288.71	244.76	202.46	125.32	40.22	5.17	6.25
86	113.17	208.48	250.49	288.81	244.80	202.62	126.48	40.12	5.16	6.24
87	113.84	208.55	250.59	288.87	244.83	202.56	127.57	39.99	5.15	6.23
88	114.80	208.52	250.59	288.87	244.89	202.62	128.58	39.82	5.13	6.22
89	115.55	208.48	250.36	288.77	244.77	202.58	129.20	39.66	5.11	6.20
90	116.04	208.52	250.16	288.64	244.44	202.39	129.78	39.48	5.09	6.18
91	116.40	208.22	249.73	288.26	244.05	202.25	130.09	39.28	5.07	6.17
92	116.67	207.99	249.38	287.88	243.59	201.87	130.21	39.08	5.07	6.15
93	116.90	207.75	248.75	287.24	243.12	201.64	130.07	38.76	5.06	6.13
94	116.99	207.55	248.29	286.69	242.61	201.34	129.77	38.22	5.05	6.11
95	117.17	207.29	247.74	286.14	242.09	201.09	129.30	37.61	5.03	6.08
96	117.16	207.08	247.21	285.36	241.60	200.96	128.78	36.99	5.02	6.06
97	116.98	206.75	246.66	284.73	240.97	200.66	127.77	36.34	5.00	6.02
98	116.54	206.52	246.00	283.99	240.38	200.36	126.65	35.64	4.98	5.97
99	116.43	206.11	245.25	283.16	239.50	200.03	125.35	34.97	4.99	5.94
100	116.21	205.78	244.58	282.26	238.77	199.54	123.48	34.29	4.95	5.91
101	114.87	205.37	243.68	281.35	238.09	199.18	121.53	33.61	4.89	5.88
102	114.21	204.95	242.85	280.35	237.23	198.83	120.68	32.97	4.87	5.85
103	114.17	204.48	241.90	279.29	236.27	198.26	119.83	32.42	4.86	5.82
104	113.45	203.88	240.96	278.25	235.19	197.69	118.30	31.90	4.86	5.80
105	111.77	203.23	239.93	276.84	234.21	197.07	116.41	31.45	4.86	5.77
106	109.12	202.50	238.67	275.52	233.08	196.42	113.91	31.08	4.87	5.74
107	106.92	201.90	237.48	274.16	231.96	195.72	111.76	30.76	4.90	5.70
108	106.01	201.09	236.24	272.68	230.62	194.96	110.55	30.46	5.00	5.66
109	105.07	200.28	234.89	271.12	229.38	194.00	109.72	30.23	5.14	5.63

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

CANDELA TABULATION - (Cont.)

110	104.37	199.31	233.38	269.36	227.96	193.14	108.89	30.06	5.33	5.65
111	103.62	198.37	231.93	267.66	226.27	192.23	108.20	29.92	5.57	5.74
112	102.94	197.38	230.33	265.84	224.68	191.21	107.46	29.82	5.86	5.91
113	102.18	196.27	228.68	263.85	223.11	190.08	106.66	29.73	6.19	6.14
114	101.41	195.12	226.84	261.77	221.38	188.97	105.71	29.69	6.56	6.41
115	100.62	193.89	225.10	259.67	219.62	187.77	104.28	29.66	6.94	6.72
116	99.76	192.54	223.17	257.51	217.70	186.46	102.72	29.64	7.33	7.08
117	99.01	191.32	221.27	255.14	215.84	185.14	101.27	29.66	7.77	7.47
118	98.19	189.79	219.22	252.68	213.76	183.74	100.60	29.62	8.26	7.85
119	97.51	188.40	217.15	250.27	211.61	182.36	100.10	28.53	8.77	8.25
120	96.82	186.93	214.95	247.63	209.42	180.83	99.60	26.70	9.31	8.67
121	96.18	185.35	212.79	245.07	207.22	179.37	98.55	25.65	9.88	9.12
122	95.60	183.60	210.48	242.31	204.95	177.87	97.68	27.77	10.46	9.60
123	95.05	181.98	208.05	239.50	202.56	175.79	96.57	29.15	11.04	10.11
124	94.56	180.18	205.64	236.63	200.11	173.72	95.46	29.81	11.66	10.64
125	94.00	178.32	203.17	233.59	197.58	171.65	94.56	30.34	12.29	11.20
126	93.53	176.30	200.51	230.46	195.07	169.87	93.94	30.50	12.95	11.78
127	93.17	174.53	197.89	227.38	192.47	167.94	93.70	30.67	13.62	12.36
128	92.92	172.47	195.17	224.14	189.81	165.97	93.60	30.83	14.29	12.96
129	92.69	170.43	192.47	220.78	187.02	163.99	93.09	30.97	14.96	13.58
130	92.29	168.26	189.66	217.27	184.22	161.90	92.26	30.85	15.64	14.21
131	91.70	166.04	186.83	213.89	181.35	159.77	91.22	30.57	16.33	14.84
132	91.10	163.87	183.95	210.37	178.37	157.55	90.33	30.66	17.03	15.51
133	90.15	161.57	181.00	206.69	175.45	155.34	89.45	30.99	17.73	16.14
134	88.93	159.18	177.64	203.03	172.35	153.02	88.49	31.43	18.44	16.81
135	87.52	156.75	174.28	199.25	169.28	150.70	87.51	31.78	19.16	17.46
136	86.00	154.33	170.91	195.48	166.12	148.29	86.51	31.96	19.88	18.13
137	84.47	151.86	167.72	191.60	162.93	145.87	85.24	32.31	20.59	18.82
138	82.83	149.27	164.47	187.56	159.72	143.36	83.88	32.68	21.28	19.48
139	81.23	146.67	161.19	183.55	156.42	140.79	82.26	32.86	19.86	20.17
140	79.56	144.09	157.83	179.52	153.00	138.21	80.47	33.22	18.04	20.85
141	77.81	141.31	154.46	175.04	149.62	135.62	78.46	33.59	18.83	21.52
142	76.03	138.57	151.06	170.57	146.25	132.91	76.38	33.88	19.87	22.19
143	74.18	135.85	147.56	166.09	142.70	130.13	74.30	34.19	21.13	22.85
144	72.35	132.90	144.03	161.66	139.19	127.37	72.23	34.49	22.62	23.51
145	70.38	129.97	140.43	157.28	135.62	124.55	70.19	34.78	24.45	24.16
146	68.49	127.06	136.89	152.78	132.04	121.62	67.96	35.05	26.15	24.81
147	66.56	124.05	133.23	148.26	128.43	118.69	65.67	35.36	27.20	25.45
148	64.68	120.93	129.56	143.76	124.73	115.71	63.57	35.67	27.81	26.08
149	62.80	117.82	125.86	139.09	121.05	112.69	61.57	35.99	28.40	26.68
150	60.81	114.65	122.12	134.45	117.27	109.67	59.67	36.29	28.97	27.26
151	58.85	111.54	118.38	129.79	113.50	106.58	57.92	36.57	29.53	27.86
152	56.89	108.37	114.61	125.08	109.73	103.50	56.12	36.71	29.99	28.42
153	54.99	105.11	110.77	120.34	105.94	100.32	54.17	36.75	30.56	28.97
154	53.05	101.81	106.96	115.65	102.13	97.10	52.24	36.78	31.18	29.50
155	51.25	98.43	103.12	110.84	98.28	93.87	50.36	36.80	31.71	30.06
156	49.37	95.14	99.22	106.10	94.44	90.64	48.51	36.82	32.09	30.67
157	47.54	91.69	95.38	101.40	90.63	87.42	46.66	36.86	32.52	31.20
158	45.70	88.24	91.60	96.66	86.73	84.13	44.90	36.86	33.12	31.74
159	43.83	84.79	87.79	91.99	82.86	80.87	43.03	36.85	33.53	32.26
160	41.97	81.41	83.96	87.32	78.99	77.57	41.16	36.87	34.13	32.73
161	40.14	78.05	80.20	82.78	75.27	74.30	39.29	36.86	34.64	33.07
162	38.34	74.73	76.48	78.25	71.58	71.05	37.44	36.86	35.13	33.63
163	36.53	71.37	72.79	73.85	68.00	67.83	35.65	36.79	35.43	34.09
164	34.78	68.06	69.14	69.48	64.44	64.62	33.91	36.74	35.56	34.55
165	33.07	64.80	65.60	65.28	60.99	61.46	32.19	36.74	35.70	34.85

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

CANDELA TABULATION - (Cont.)

166	31.41	61.61	62.11	61.26	57.64	58.37	30.53	36.72	35.82	34.94
167	29.82	58.49	58.77	57.36	54.38	55.39	28.97	36.70	35.93	35.03
168	28.29	55.45	55.56	53.65	51.30	52.47	27.48	36.17	36.05	35.13
169	26.85	52.55	52.49	50.17	48.35	49.68	26.09	34.93	36.16	35.13
170	25.54	49.72	49.56	47.00	45.60	47.05	24.82	32.92	35.63	32.46
171	24.36	47.11	46.85	44.08	43.06	44.62	23.68	27.73	27.36	25.66
172	23.31	44.71	44.36	41.52	40.84	42.40	22.65	19.83	16.02	15.00
173	22.13	42.48	42.05	39.35	38.90	40.29	20.69	12.90	8.33	3.69
174	19.78	39.38	40.11	37.64	37.32	36.85	17.43	7.46	3.83	1.28
175	16.04	34.10	38.46	36.40	36.09	30.83	13.05	3.70	1.78	1.13
176	11.28	26.40	33.07	35.06	30.06	22.61	7.90	1.74	1.18	1.01
177	5.84	16.92	22.63	24.24	18.90	12.97	2.31	1.09	1.11	0.96
178	1.16	6.64	10.94	10.21	7.27	3.42	1.02	1.03	1.06	0.92
179	1.02	1.30	2.39	2.55	1.75	1.01	1.01	1.03	1.02	0.90
180	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Vert. Horizontal Angles

	<u>300</u>	<u>330</u>	<u>360</u>
0	1.30	1.30	1.30
1	1.25	1.28	1.36
2	1.34	1.32	3.19
3	1.58	1.52	4.37
4	1.67	1.88	5.40
5	1.70	1.96	6.56
6	1.70	2.35	7.81
7	1.73	2.94	9.18
8	1.74	3.60	10.59
9	1.76	4.34	12.10
10	1.85	4.87	13.61
11	1.88	5.12	15.17
12	1.89	5.34	16.81
13	1.90	5.56	18.43
14	1.92	5.73	20.05
15	1.94	5.86	21.67
16	1.97	5.96	23.31
17	1.99	6.03	24.94
18	2.03	6.07	26.53
19	2.07	6.06	28.15
20	2.11	6.05	29.55
21	2.15	6.06	30.94
22	2.20	6.08	32.28
23	2.26	6.10	33.71
24	2.33	6.15	35.16
25	2.40	6.27	36.69
26	2.46	6.45	38.04
27	2.53	6.70	39.60
28	2.59	7.02	41.26
29	2.65	7.41	43.12
30	2.69	7.87	45.16
31	2.74	8.42	47.23
32	2.78	9.01	49.30
33	2.82	9.69	51.53
34	2.86	10.38	53.55
35	2.90	11.11	55.70
36	2.93	11.82	57.78

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES****CANDELA TABULATION - (Cont.)**

37	2.96	12.56	59.77
38	3.00	13.28	61.84
39	3.03	14.01	63.81
40	3.05	14.73	65.75
41	3.08	15.47	67.73
42	3.10	16.19	69.61
43	3.12	16.90	71.51
44	3.14	17.59	73.34
45	3.16	18.30	75.15
46	3.18	18.99	76.97
47	3.20	19.64	78.73
48	3.23	20.29	80.49
49	3.25	20.93	82.17
50	3.27	21.54	83.86
51	3.29	22.16	85.48
52	3.31	22.76	87.09
53	3.33	23.33	88.58
54	3.35	23.88	89.44
55	3.37	24.38	89.15
56	3.39	24.87	88.86
57	3.41	25.35	88.96
58	3.43	25.84	89.18
59	3.46	26.28	89.56
60	3.49	26.74	89.71
61	3.52	27.13	89.95
62	3.58	27.50	90.58
63	3.65	27.86	91.22
64	3.70	28.21	91.84
65	3.76	28.51	92.62
66	3.88	28.82	93.40
67	3.93	29.09	94.29
68	3.92	29.33	95.11
69	3.98	29.58	95.92
70	4.10	29.83	96.92
71	4.24	30.04	97.78
72	4.26	30.24	98.74
73	4.23	30.42	99.75
74	4.27	30.59	100.72
75	4.15	30.73	101.75
76	4.23	30.81	102.71
77	4.19	30.93	103.71
78	4.30	31.03	104.78
79	4.34	31.12	105.85
80	4.39	31.18	107.02
81	4.46	31.21	108.12
82	4.43	31.24	109.20
83	4.52	31.27	110.26
84	4.45	31.25	111.30
85	4.45	31.21	112.25
86	4.46	31.17	113.17
87	4.45	31.13	113.84
88	4.44	31.06	114.80
89	4.43	30.95	115.55
90	4.42	30.83	116.04
91	4.41	30.71	116.40
92	4.40	30.58	116.67

IES INDOOR REPORT

PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

CANDELA TABULATION - (Cont.)

93	4.41	30.43	116.90
94	4.39	30.10	116.99
95	4.36	29.70	117.17
96	4.33	29.24	117.16
97	4.31	28.74	116.98
98	4.26	28.25	116.54
99	4.39	27.74	116.43
100	4.37	27.19	116.21
101	4.35	26.66	114.87
102	4.34	26.15	114.21
103	4.34	25.75	114.17
104	4.33	25.38	113.45
105	4.31	25.08	111.77
106	4.30	24.84	109.12
107	4.30	24.66	106.92
108	4.32	24.48	106.01
109	4.41	24.32	105.07
110	4.60	24.22	104.37
111	4.87	24.19	103.62
112	5.17	24.20	102.94
113	5.51	24.22	102.18
114	5.87	24.27	101.41
115	6.24	24.35	100.62
116	6.62	24.52	99.76
117	7.04	24.69	99.01
118	7.51	24.83	98.19
119	8.00	25.00	97.51
120	8.51	25.20	96.82
121	9.06	25.40	96.18
122	9.64	25.65	95.60
123	10.25	25.89	95.05
124	10.86	26.15	94.56
125	11.48	26.42	94.00
126	12.10	26.69	93.53
127	12.73	26.97	93.17
128	13.38	27.26	92.92
129	14.03	27.55	92.69
130	14.69	27.85	92.29
131	15.36	28.16	91.70
132	16.02	28.48	91.10
133	16.71	28.78	90.15
134	17.37	29.08	88.93
135	18.06	29.38	87.52
136	18.73	29.68	86.00
137	19.42	29.98	84.47
138	20.10	30.29	82.83
139	20.76	30.60	81.23
140	21.43	30.92	79.56
141	22.09	31.23	77.81
142	22.73	31.54	76.03
143	23.37	31.84	74.18
144	23.99	32.16	72.35
145	24.63	32.50	70.38
146	25.24	32.81	68.49
147	25.81	33.13	66.56
148	26.39	33.50	64.68

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

CANDELA TABULATION - (Cont.)

149	26.98	33.84	62.80
150	27.57	34.19	60.81
151	28.13	34.50	58.85
152	28.66	34.78	56.89
153	29.20	34.94	54.99
154	29.72	35.04	53.05
155	30.25	35.15	51.25
156	30.78	35.23	49.37
157	31.29	35.32	47.54
158	31.80	35.39	45.70
159	32.31	35.45	43.83
160	32.80	35.51	41.97
161	33.25	35.55	40.14
162	33.67	35.56	38.34
163	34.02	35.59	36.53
164	34.17	35.61	34.78
165	34.30	35.65	33.07
166	34.41	35.71	31.41
167	34.52	35.67	29.82
168	34.63	35.09	28.29
169	34.69	33.83	26.85
170	34.74	31.84	25.54
171	30.53	28.52	24.36
172	20.24	21.42	23.31
173	11.33	14.13	22.13
174	5.78	8.64	19.78
175	2.67	4.22	16.04
176	1.34	1.78	11.28
177	0.97	1.01	5.84
178	0.94	0.98	1.16
179	0.91	0.97	1.02
180	1.00	1.00	1.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	9.03	0.70	0.70
0-30	31.37	2.50	2.50
0-40	74.57	5.90	5.90
0-60	234.88	18.70	18.70
0-80	476.42	37.90	37.90
0-90	614.32	48.80	48.90
10-90	613.27	48.70	48.80
20-40	65.54	5.20	5.20
20-50	133.51	10.60	10.60
40-70	273.07	21.70	21.70
60-80	241.54	19.20	19.20
70-80	128.78	10.20	10.20
80-90	137.90	11.00	11.00
90-110	265.14	21.10	21.10
90-120	377.97	30.00	30.10
90-130	472.54	37.60	37.60
90-150	597.01	47.40	47.50
90-180	642.78	51.10	51.10
110-180	377.64	30.00	30.00
0-180	1257.1	99.90	100.00

Total Luminaire Efficiency = 99.90%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1.05
10-20	7.98
20-30	22.34
30-40	43.20
40-50	67.97
50-60	92.34
60-70	112.76
70-80	128.78
80-90	137.90
90-100	137.42
100-110	127.72
110-120	112.83
120-130	94.57
130-140	73.63
140-150	50.84
150-160	29.94
160-170	13.52
170-180	2.31

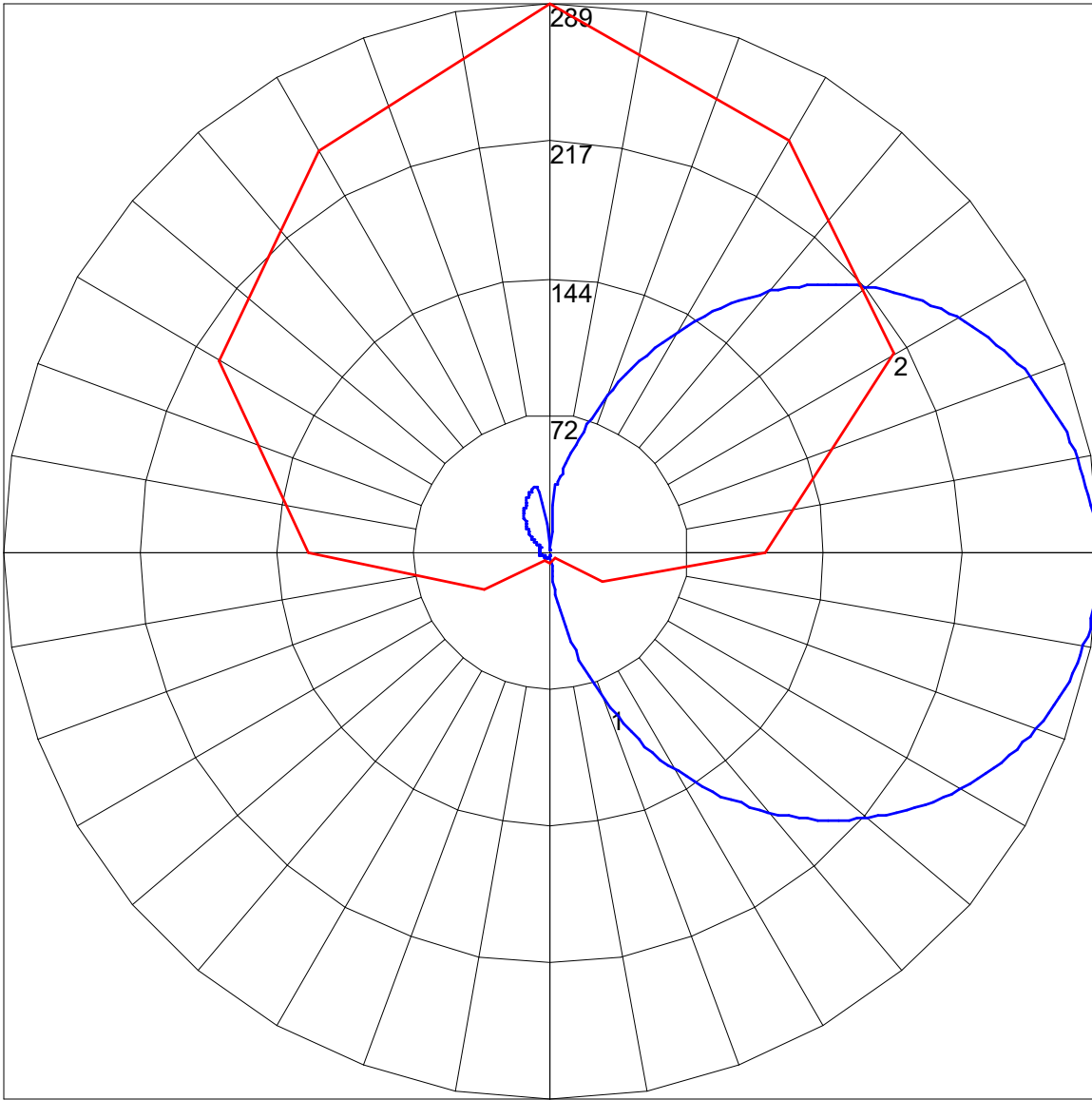
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSDW071223LAJD2XX_IES_REPAIRED.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	
0	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49
1	92	85	79	74	84	78	72	68	64	60	56	51	48	45	40	37	35	30
2	81	71	63	56	74	65	57	51	53	47	42	42	38	34	32	28	25	20
3	73	61	51	44	66	55	47	40	45	38	33	35	30	26	26	23	19	15
4	66	53	43	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11
5	60	46	36	29	54	42	33	27	34	27	22	27	21	17	20	16	12	9
6	55	41	31	25	49	37	29	22	30	23	18	24	18	14	17	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	33	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	30	21	16	39	27	19	14	22	16	12	17	12	9	13	9	6	4
10	40	27	19	14	36	25	17	12	20	14	10	16	11	8	12	8	5	3

POLAR GRAPH



Maximum Candela = 288.87 Located At Horizontal Angle = 90, Vertical Angle = 87
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (87) (Through Max. Cd.)