



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPLIA48-LED24DMVWH30- LLIA000708-021.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000708-021A
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] LPLINFR48LD24Wxx00LDMV30KWH/LPLIA48-LED24DMVWH30
 [LUMINAIRE] Catalog Number: LPLINFR48LD24Wxx00LDMV30KWH/LPLIA48-LED24DMVWH30
 [MORE] Pendant mounted, formed white enamel steel housing, formed white enamel steel reflector trays, frosted linear ribbed plastic lower enclosure.
 [MORE] 128 white LEDs, 4 lower Everline M10CC830D32N2S LED boards with 32 white LEDs each.
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 417mA.
 [MORE] 120.0Vac, 60.00Hz, 0.1915A, 22.81W, 0.993PF, 8.1%THD(i)
 [OTHER] Absolute test - lamp lumens value set to -1
 [MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.
 [MORE] The sample was tested at a distance of 9.5m.
 [MORE] This IES file created by LightLab/LSA Report program version 3.808a.
 [DATE] This file created: Monday, March 6, 2017 9:25:04 AM
 [ISSUE DATE] Monday, March 6, 2017 9:25:04 AM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2893
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	22.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.20 m
Luminous Width (90-270)	0.19 m
Luminous Height	0.01 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3440	3896	4244
55	3044	3730	4262
65	2624	3590	4352
75	2164	3607	4491
85	1600	4190	4831

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	974.97	974.97	974.97	974.97	974.97
0.5	972.73	973.11	977.75	976.77	971.57
1.0	972.55	972.99	977.70	976.68	971.58
1.5	972.19	972.82	977.44	976.47	971.61
2.0	971.89	972.42	977.14	976.25	971.51
2.5	971.37	971.97	976.66	975.87	971.19
3.0	970.83	971.37	976.14	975.52	970.79
3.5	969.90	970.80	975.60	975.02	970.37
4.0	969.17	970.00	974.95	974.44	970.01
4.5	968.19	969.14	974.03	973.86	969.66
5.0	967.17	968.23	973.24	973.19	969.06
5.5	965.98	967.08	972.29	972.41	968.25
6.0	964.71	965.85	971.31	971.61	967.56
6.5	963.25	964.67	970.23	970.60	966.86
7.0	961.75	963.29	968.98	969.64	966.12
7.5	960.16	961.80	967.69	968.57	965.04
8.0	958.52	960.22	966.36	967.47	964.17
8.5	956.59	958.54	964.90	966.28	963.18
9.0	954.71	956.80	963.39	965.03	962.15
9.5	952.49	954.87	961.68	963.73	960.99
10.0	950.26	952.80	960.02	962.25	959.75
10.5	948.13	950.80	958.15	960.72	958.49
11.0	945.75	948.62	956.36	959.20	957.21
11.5	943.19	946.25	954.35	957.67	955.85
12.0	940.56	943.91	952.33	955.92	954.29
12.5	937.91	941.49	950.21	954.24	952.74
13.0	935.16	938.79	947.89	952.36	951.20
13.5	932.15	936.21	945.65	950.57	949.40
14.0	929.20	933.34	943.28	948.46	947.73
14.5	926.19	930.32	940.74	946.31	945.96
15.0	922.84	927.48	938.24	944.28	944.22
15.5	919.50	924.27	935.64	942.10	942.21
16.0	916.01	921.14	932.85	939.82	940.17
16.5	912.54	917.74	930.08	937.41	938.08
17.0	908.72	914.46	927.25	935.12	935.93
17.5	905.05	910.86	924.17	932.59	933.85
18.0	901.23	907.37	921.24	930.08	931.55
18.5	897.35	903.61	918.05	927.42	929.19
19.0	893.19	899.81	914.80	924.72	926.75
19.5	889.11	895.89	911.59	922.00	924.33
20.0	884.73	891.89	908.23	919.19	921.76
20.5	880.32	887.77	904.58	916.22	919.02
21.0	875.96	883.66	901.13	913.13	916.52
21.5	871.35	879.36	897.44	910.20	913.71
22.0	866.77	874.87	893.84	907.03	911.05
22.5	862.06	870.51	890.09	903.84	908.16
23.0	857.17	865.94	886.23	900.60	905.16
23.5	852.13	861.28	882.29	897.15	902.14
24.0	847.11	856.51	878.32	893.90	899.19
24.5	841.94	851.72	874.29	890.37	895.97
25.0	836.54	846.64	869.96	886.76	892.65
25.5	831.31	841.68	865.73	883.17	889.44
26.0	825.89	836.61	861.44	879.46	886.09
26.5	820.28	831.37	856.94	875.74	882.63

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LPLIA48-LED24DMVWH30- LLIA000708-021.IES****CANDELA TABULATION - (Cont.)**

27.0	814.64	826.03	852.52	871.87	879.24
27.5	808.95	820.72	847.95	868.06	875.62
28.0	803.05	815.16	843.28	863.97	872.02
28.5	797.23	809.66	838.64	859.94	868.38
29.0	791.21	804.05	833.92	855.92	864.72
29.5	785.06	798.23	828.96	851.77	860.82
30.0	778.84	792.48	824.14	847.48	856.96
30.5	772.61	786.61	819.14	843.06	853.10
31.0	766.24	780.56	814.02	838.76	848.93
31.5	759.73	774.49	808.85	834.36	844.85
32.0	753.20	768.43	803.77	829.85	840.66
32.5	746.57	762.12	798.41	825.21	836.34
33.0	739.89	755.86	793.16	820.65	832.21
33.5	733.14	749.59	787.83	815.94	827.73
34.0	726.25	743.08	782.27	811.10	823.36
34.5	719.35	736.63	776.84	806.26	818.73
35.0	712.35	730.06	771.32	801.36	814.29
35.5	705.20	723.38	765.49	796.32	809.59
36.0	698.02	716.63	759.78	791.27	805.00
36.5	690.85	709.95	754.14	786.26	800.36
37.0	683.45	703.10	748.35	781.08	795.33
37.5	676.19	696.23	742.52	775.88	790.43
38.0	668.80	689.33	736.54	770.60	785.52
38.5	661.21	682.29	730.54	765.24	780.42
39.0	653.94	675.37	724.58	759.89	775.40
39.5	646.23	668.29	718.47	754.38	770.20
40.0	638.51	660.98	712.22	748.75	765.01
40.5	630.87	653.95	706.03	743.30	759.75
41.0	623.24	646.80	699.83	737.67	754.43
41.5	615.43	639.43	693.45	731.90	748.94
42.0	607.69	632.15	687.15	726.24	743.61
42.5	599.99	624.92	680.77	720.50	738.09
43.0	592.03	617.43	674.28	714.74	732.53
43.5	584.26	610.16	667.85	708.84	726.98
44.0	576.36	602.79	661.30	702.94	721.25
44.5	568.41	595.29	654.47	696.85	715.54
45.0	560.58	587.86	647.96	690.89	709.76
45.5	552.76	580.32	641.41	684.91	703.97
46.0	544.69	572.88	634.63	678.69	698.08
46.5	536.78	565.37	627.87	672.64	692.17
47.0	528.83	557.90	621.12	666.48	686.20
47.5	520.82	550.26	614.22	660.22	680.18
48.0	512.91	542.77	607.41	653.94	674.23
48.5	505.02	535.25	600.58	647.73	668.00
49.0	497.06	527.60	593.50	641.34	661.92
49.5	489.20	520.12	586.64	635.11	655.83
50.0	481.28	512.61	579.69	628.71	649.58
50.5	473.33	504.99	572.63	622.18	643.24
51.0	465.58	497.48	565.61	615.74	637.00
51.5	457.67	490.01	558.53	609.38	630.79
52.0	449.84	482.32	551.46	602.77	624.38
52.5	442.02	474.85	544.35	596.32	618.05
53.0	434.21	467.26	537.29	589.75	611.53
53.5	426.33	459.63	530.05	583.14	605.11
54.0	418.64	452.27	522.97	576.62	598.71
54.5	410.84	444.76	515.85	570.04	592.27

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55.0	403.18	437.06	508.63	563.39	585.71
55.5	395.59	429.71	501.56	556.77	579.18
56.0	388.07	422.29	494.39	550.22	572.76
56.5	380.21	414.76	487.13	543.50	566.00
57.0	372.75	407.26	479.95	536.89	559.62
57.5	365.26	399.91	472.87	530.35	552.94
58.0	357.60	392.42	465.66	523.63	546.34
58.5	350.24	385.09	458.47	517.05	539.91
59.0	342.82	377.66	451.31	510.39	533.09
59.5	335.36	370.26	444.07	503.69	526.26
60.0	328.08	363.05	436.99	497.10	519.52
60.5	320.80	355.73	429.93	490.42	512.71
61.0	313.49	348.32	422.72	483.66	505.65
61.5	306.28	341.16	415.64	476.90	498.84
62.0	299.09	333.95	408.60	470.08	491.81
62.5	291.78	326.68	401.55	463.17	484.90
63.0	284.82	319.53	394.66	456.51	477.94
63.5	277.78	312.41	387.65	449.59	470.94
64.0	270.64	305.31	380.65	442.66	463.95
64.5	263.77	298.28	373.85	435.90	457.11
65.0	257.04	291.29	367.10	429.00	450.11
65.5	249.98	284.21	360.21	422.04	443.08
66.0	243.20	277.32	353.39	415.26	435.96
66.5	236.59	270.43	346.65	408.47	428.91
67.0	229.80	263.50	339.78	401.64	421.67
67.5	223.15	256.71	333.01	394.82	414.55
68.0	216.61	250.11	326.32	387.97	407.05
68.5	210.00	243.30	319.57	381.06	399.58
69.0	203.50	236.69	312.82	374.06	392.49
69.5	197.19	230.16	306.08	366.98	385.13
70.0	190.78	223.55	299.28	359.88	377.27
70.5	184.51	217.03	292.71	353.03	369.76
71.0	178.24	210.75	286.14	345.93	362.30
71.5	172.08	204.30	279.51	338.56	354.75
72.0	165.95	198.06	273.11	331.46	346.74
72.5	160.04	191.89	266.67	324.44	338.70
73.0	153.99	185.69	260.26	317.08	330.78
73.5	148.00	179.71	253.82	309.64	323.08
74.0	142.23	173.55	247.37	301.98	314.71
74.5	136.47	167.71	240.97	294.82	306.07
75.0	130.81	161.95	234.66	287.36	297.79
75.5	125.19	156.20	228.28	279.56	289.80
76.0	119.59	150.56	221.93	271.69	280.91
76.5	114.22	145.01	215.71	264.29	271.86
77.0	108.88	139.52	209.39	256.43	263.38
77.5	103.45	134.02	202.92	248.00	255.11
78.0	98.32	128.66	196.72	240.28	245.84
78.5	93.24	123.27	190.41	232.50	236.49
79.0	88.17	117.97	183.91	223.84	228.09
79.5	83.07	112.83	177.77	215.53	219.48
80.0	78.19	107.79	171.45	207.97	209.90
80.5	73.27	102.79	164.88	199.39	201.27
81.0	68.62	97.99	158.69	190.88	193.54
81.5	63.98	93.16	152.30	183.48	184.86
82.0	59.46	88.33	145.72	175.46	176.24
82.5	54.98	83.65	139.43	167.09	168.96

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CANDELA TABULATION - (Cont.)

83.0	50.63	79.01	132.95	159.95	161.10
83.5	46.25	74.38	126.75	152.32	152.96
84.0	42.09	69.88	120.55	144.46	146.13
84.5	37.84	65.50	114.41	137.63	138.79
85.0	33.81	61.00	108.37	130.15	131.22
85.5	29.72	56.72	102.18	123.07	124.84
86.0	25.93	52.48	96.37	116.74	117.97
86.5	22.01	48.27	90.06	109.58	111.32
87.0	18.21	44.25	84.43	103.35	105.31
87.5	14.58	40.30	78.37	97.10	98.96
88.0	10.77	36.34	72.85	90.81	93.03
88.5	7.32	32.52	67.20	85.10	87.28
89.0	4.11	28.80	61.85	79.12	81.50
89.5	1.20	24.98	56.54	73.64	76.14
90.0	0.07	21.41	51.34	68.19	70.77
90.5	0.12	17.89	46.34	63.03	65.77
91.0	0.05	14.44	41.44	57.75	60.62
91.5	0.10	11.09	36.72	52.85	55.79
92.0	0.04	7.98	32.23	48.01	51.07
92.5	0.07	4.97	27.83	43.21	46.48
93.0	0.04	2.25	23.55	38.69	41.92
93.5	0.15	0.49	19.48	34.26	37.55
94.0	0.12	0.30	15.54	30.04	33.44
94.5	0.11	0.26	11.77	25.84	29.32
95.0	0.06	0.20	8.23	21.81	25.33
95.5	0.21	0.14	4.80	17.87	21.45
96.0	0.07	0.18	1.92	14.13	17.79
96.5	0.18	0.21	0.48	10.46	14.18
97.0	0.08	0.15	0.37	7.11	10.68
97.5	0.12	0.19	0.33	3.95	7.53
98.0	0.20	0.22	0.32	1.52	4.51
98.5	0.21	0.16	0.21	0.55	1.98
99.0	0.21	0.17	0.26	0.35	0.74
99.5	0.19	0.24	0.25	0.38	0.27
100.0	0.26	0.22	0.27	0.38	0.37
100.5	0.18	0.29	0.29	0.40	0.35
101.0	0.27	0.28	0.19	0.39	0.24
101.5	0.30	0.33	0.33	0.42	0.34
102.0	0.26	0.34	0.28	0.36	0.36
102.5	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

111.0	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPLIA48-LED24DMVWH30- LLIA000708-021.IES

CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00

CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED24DMVWH30- LLIA000708-021.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	356.32	N.A.	12.30
0-30	755.80	N.A.	26.10
0-40	1235.12	N.A.	42.70
0-60	2177.31	N.A.	75.30
0-80	2771.25	N.A.	95.80
0-90	2877.27	N.A.	99.40
10-90	2785.03	N.A.	96.30
20-40	878.80	N.A.	30.40
20-50	1372.87	N.A.	47.50
40-70	1299.08	N.A.	44.90
60-80	593.93	N.A.	20.50
70-80	237.05	N.A.	8.20
80-90	106.02	N.A.	3.70
90-110	15.93	N.A.	0.60
90-120	15.93	N.A.	0.60
90-130	15.93	N.A.	0.60
90-150	15.93	N.A.	0.60
90-180	15.93	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	2893.2	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	92.24
10-20	264.08
20-30	399.48
30-40	479.32
40-50	494.06
50-60	448.13
60-70	356.89
70-80	237.05
80-90	106.02
90-100	15.86
100-110	0.08
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

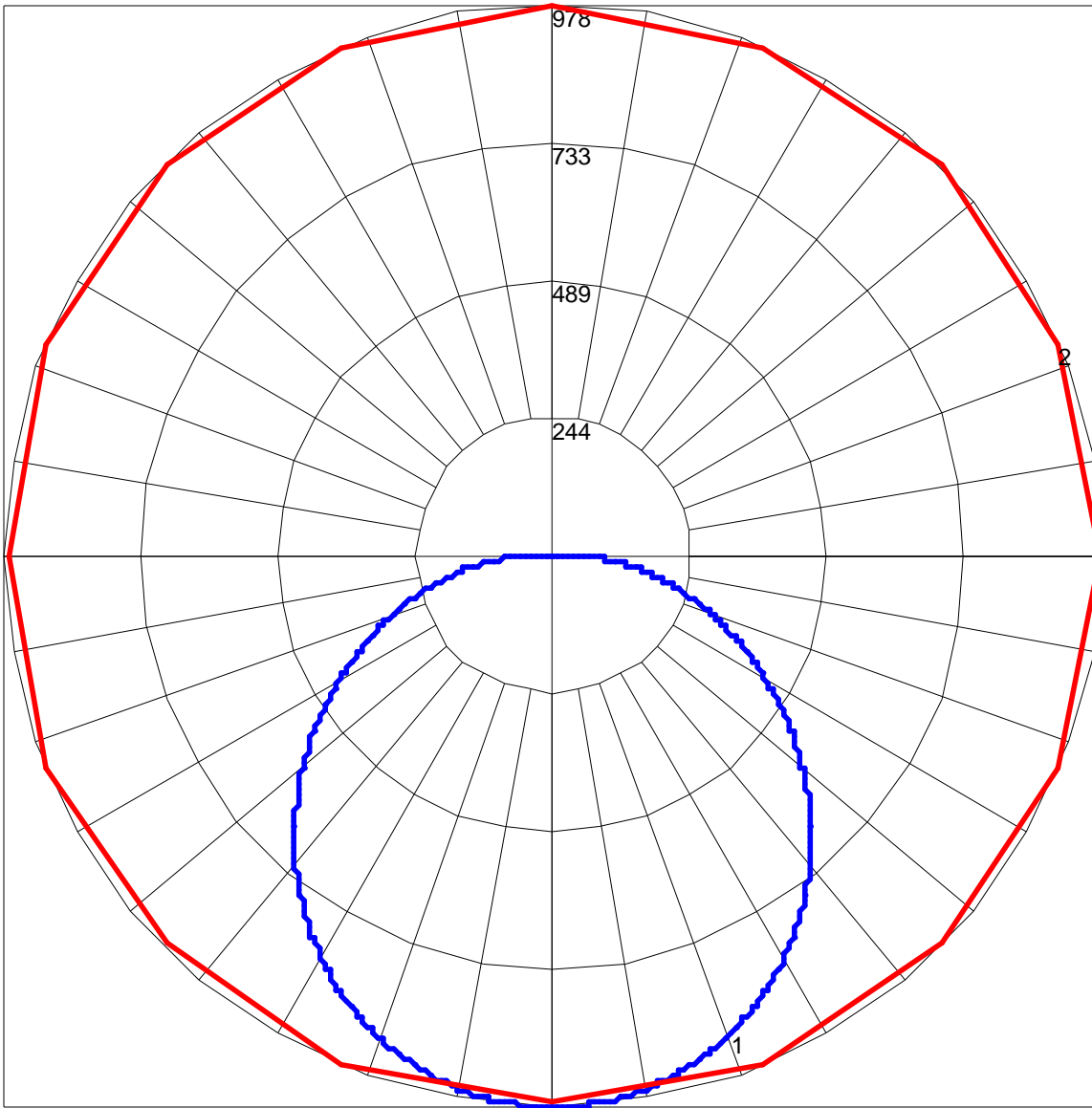
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED24DMVWH30- LLIA000708-021.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	99
1	108	102	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	63	86	76	68	62	73	66	61	70	64	60	68	63	58	56
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	55	50	48
5	75	61	52	45	72	60	52	45	58	50	45	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 977.75 Located At Horizontal Angle = 45, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)