



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.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] LPLIA48-LED35DMVWH35  
 [LUMINAIRE] Catalog Number: LPLIA48-LED35DMVWH35  
 [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 M10CC835D32N2S LED boards with 32 white LEDs each.  
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 637mA.  
 [MORE] 120.0Vac, 60.00Hz, 0.2917A, 35W, 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 was extrapolated from LPLIA48-LED24DMVWH30  
 [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	4370
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	35
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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5196	5885	6411
55	4598	5634	6438
65	3964	5423	6573
75	3268	5449	6784
85	2417	6328	7298

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1472.692	1472.692	1472.692	1472.692	1472.692
0.5	1469.309	1469.883	1476.891	1475.411	1467.556
1.0	1469.037	1469.701	1476.816	1475.275	1467.572
1.5	1468.493	1469.445	1476.423	1474.958	1467.617
2.0	1468.040	1468.840	1475.970	1474.626	1467.466
2.5	1467.254	1468.161	1475.245	1474.052	1466.982
3.0	1466.439	1467.254	1474.459	1473.523	1466.378
3.5	1465.034	1466.393	1473.644	1472.768	1465.744
4.0	1463.931	1465.185	1472.662	1471.892	1465.200
4.5	1462.451	1463.886	1471.272	1471.015	1464.671
5.0	1460.910	1462.511	1470.079	1470.003	1463.765
5.5	1459.113	1460.774	1468.644	1468.825	1462.542
6.0	1457.194	1458.916	1467.164	1467.617	1461.499
6.5	1454.989	1457.134	1465.532	1466.091	1460.442
7.0	1452.723	1455.050	1463.644	1464.641	1459.324
7.5	1450.322	1452.799	1461.696	1463.025	1457.693
8.0	1447.844	1450.412	1459.687	1461.363	1456.379
8.5	1444.929	1447.875	1457.481	1459.566	1454.883
9.0	1442.089	1445.246	1455.201	1457.678	1453.328
9.5	1438.736	1442.331	1452.618	1455.714	1451.575
10.0	1435.368	1439.204	1450.110	1453.479	1449.702
10.5	1432.150	1436.183	1447.286	1451.168	1447.799
11.0	1428.555	1432.890	1444.582	1448.872	1445.866
11.5	1424.688	1429.311	1441.546	1446.560	1443.811
12.0	1420.716	1425.776	1438.494	1443.917	1441.455
12.5	1416.713	1422.121	1435.292	1441.379	1439.114
13.0	1412.559	1418.042	1431.788	1438.540	1436.788
13.5	1408.013	1414.145	1428.404	1435.836	1434.069
14.0	1403.557	1409.810	1424.824	1432.649	1431.546
14.5	1399.010	1405.248	1420.988	1429.401	1428.873
15.0	1393.950	1400.958	1417.211	1426.335	1426.244
15.5	1388.905	1396.110	1413.284	1423.042	1423.208
16.0	1383.633	1391.382	1409.070	1419.598	1420.127
16.5	1378.392	1386.246	1404.886	1415.958	1416.970
17.0	1372.622	1381.292	1400.611	1412.499	1413.722
17.5	1367.078	1375.854	1395.959	1408.677	1410.580
18.0	1361.308	1370.582	1391.533	1404.886	1407.106
18.5	1355.447	1364.903	1386.714	1400.868	1403.541
19.0	1349.163	1359.163	1381.805	1396.790	1399.856
19.5	1343.001	1353.242	1376.957	1392.681	1396.200
20.0	1336.385	1347.200	1371.881	1388.436	1392.318
20.5	1329.723	1340.977	1366.368	1383.950	1388.180
21.0	1323.138	1334.768	1361.157	1379.283	1384.403
21.5	1316.174	1328.273	1355.583	1374.857	1380.159
22.0	1309.256	1321.491	1350.145	1370.069	1376.141
22.5	1302.142	1314.905	1344.481	1365.250	1371.776
23.0	1294.755	1308.002	1338.650	1360.356	1367.244
23.5	1287.142	1300.963	1332.699	1355.145	1362.682
24.0	1279.560	1293.758	1326.702	1350.236	1358.226
24.5	1271.750	1286.523	1320.615	1344.904	1353.363
25.0	1263.594	1278.850	1314.075	1339.451	1348.348
25.5	1255.694	1271.358	1307.685	1334.028	1343.499
26.0	1247.507	1263.699	1301.205	1328.424	1338.439
26.5	1239.033	1255.784	1294.408	1322.805	1333.213

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION - (Cont.)**

27.0	1230.514	1247.718	1287.731	1316.960	1328.092
27.5	1221.919	1239.698	1280.828	1311.205	1322.624
28.0	1213.007	1231.299	1273.774	1305.027	1317.186
28.5	1204.216	1222.991	1266.766	1298.939	1311.688
29.0	1195.123	1214.517	1259.636	1292.867	1306.160
29.5	1185.833	1205.726	1252.144	1286.599	1300.269
30.0	1176.438	1197.041	1244.863	1280.119	1294.438
30.5	1167.027	1188.174	1237.311	1273.442	1288.608
31.0	1157.405	1179.036	1229.577	1266.947	1282.309
31.5	1147.572	1169.867	1221.768	1260.301	1276.146
32.0	1137.709	1160.713	1214.095	1253.488	1269.817
32.5	1127.694	1151.182	1205.998	1246.480	1263.292
33.0	1117.604	1141.726	1198.068	1239.592	1257.053
33.5	1107.408	1132.256	1190.017	1232.477	1250.286
34.0	1097.001	1122.422	1181.619	1225.167	1243.685
34.5	1086.578	1112.680	1173.417	1217.856	1236.692
35.0	1076.005	1102.756	1165.079	1210.454	1229.985
35.5	1065.205	1092.665	1156.273	1202.841	1222.886
36.0	1054.359	1082.470	1147.648	1195.213	1215.952
36.5	1043.529	1072.379	1139.128	1187.646	1208.944
37.0	1032.351	1062.033	1130.383	1179.821	1201.346
37.5	1021.385	1051.655	1121.576	1171.967	1193.944
38.0	1010.222	1041.233	1112.544	1163.991	1186.528
38.5	998.758	1030.599	1103.481	1155.895	1178.824
39.0	987.776	1020.146	1094.478	1147.814	1171.242
39.5	976.130	1009.452	1085.249	1139.491	1163.387
40.0	964.469	998.410	1075.808	1130.987	1155.548
40.5	952.929	987.791	1066.458	1122.755	1147.602
41.0	941.404	976.991	1057.093	1114.251	1139.566
41.5	929.607	965.859	1047.456	1105.535	1131.274
42.0	917.916	954.863	1037.940	1096.985	1123.223
42.5	906.285	943.942	1028.303	1088.315	1114.885
43.0	894.261	932.628	1018.500	1079.615	1106.487
43.5	882.525	921.647	1008.787	1070.703	1098.103
44.0	870.592	910.514	998.894	1061.791	1089.448
44.5	858.583	899.186	988.577	1052.592	1080.823
45.0	846.756	887.963	978.744	1043.589	1072.092
45.5	834.944	876.573	968.850	1034.557	1063.347
46.0	822.754	865.335	958.609	1025.161	1054.450
46.5	810.806	853.991	948.398	1016.023	1045.523
47.0	798.798	842.708	938.202	1006.718	1036.505
47.5	786.699	831.168	927.779	997.262	1027.412
48.0	774.751	819.854	917.493	987.776	1018.424
48.5	762.833	808.495	907.176	978.396	1009.014
49.0	750.809	796.940	896.482	968.744	999.830
49.5	738.937	785.641	886.120	959.334	990.631
50.0	726.973	774.297	875.622	949.666	981.191
50.5	714.965	762.787	864.958	939.803	971.614
51.0	703.259	751.444	854.354	930.075	962.188
51.5	691.311	740.160	843.660	920.468	952.808
52.0	679.483	728.544	832.980	910.484	943.126
52.5	667.671	717.261	822.241	900.741	933.564
53.0	655.874	705.796	811.577	890.817	923.716
53.5	643.971	694.271	800.641	880.833	914.019
54.0	632.356	683.154	789.946	870.984	904.351
54.5	620.574	671.810	779.191	861.045	894.624

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION - (Cont.)**

55.0	609.003	660.179	768.286	851.001	884.715
55.5	597.539	649.077	757.606	841.001	874.851
56.0	586.180	637.869	746.776	831.107	865.154
56.5	574.307	626.495	735.810	820.957	854.943
57.0	563.039	615.166	724.964	810.972	845.306
57.5	551.725	604.064	714.270	801.094	835.216
58.0	540.155	592.750	703.379	790.943	825.247
58.5	529.038	581.678	692.519	781.004	815.534
59.0	517.830	570.455	681.704	770.944	805.232
59.5	506.561	559.278	670.768	760.824	794.916
60.0	495.565	548.387	660.073	750.870	784.735
60.5	484.568	537.330	649.409	740.779	774.448
61.0	473.527	526.137	638.519	730.568	763.784
61.5	462.636	515.322	627.824	720.357	753.498
62.0	451.775	504.431	617.190	710.056	742.879
62.5	440.734	493.450	606.541	699.618	732.441
63.0	430.221	482.650	596.134	689.558	721.928
63.5	419.587	471.895	585.545	679.106	711.355
64.0	408.802	461.171	574.972	668.638	700.796
64.5	398.425	450.552	564.700	658.427	690.465
65.0	388.259	439.994	554.505	648.004	679.891
65.5	377.595	429.299	544.097	637.491	669.272
66.0	367.354	418.892	533.796	627.250	658.518
66.5	357.369	408.485	523.615	616.994	647.869
67.0	347.113	398.017	513.238	606.677	636.933
67.5	337.068	387.760	503.012	596.376	626.178
68.0	327.189	377.791	492.906	586.029	614.849
68.5	317.205	367.505	482.710	575.591	603.566
69.0	307.387	357.520	472.515	565.018	592.856
69.5	297.855	347.657	462.334	554.323	581.739
70.0	288.173	337.672	452.062	543.599	569.866
70.5	278.702	327.824	442.138	533.252	558.522
71.0	269.232	318.338	432.214	522.527	547.254
71.5	259.927	308.595	422.200	511.395	535.850
72.0	250.667	299.170	412.533	500.670	523.751
72.5	241.740	289.850	402.805	490.067	511.606
73.0	232.602	280.485	393.123	478.949	499.643
73.5	223.554	271.452	383.395	467.711	488.012
74.0	214.838	262.147	373.652	456.141	475.369
74.5	206.138	253.326	363.985	445.326	462.319
75.0	197.588	244.625	354.454	434.057	449.812
75.5	189.099	235.940	344.817	422.275	437.743
76.0	180.641	227.421	335.225	410.388	424.315
76.5	172.529	219.038	325.830	399.210	410.645
77.0	164.463	210.745	316.284	387.338	397.835
77.5	156.261	202.437	306.511	374.604	385.344
78.0	148.512	194.341	297.146	362.943	371.341
78.5	140.839	186.199	287.614	351.191	357.218
79.0	133.181	178.194	277.796	338.110	344.530
79.5	125.477	170.430	268.522	325.558	331.525
80.0	118.106	162.817	258.975	314.139	317.054
80.5	110.674	155.264	249.051	301.179	304.018
81.0	103.651	148.014	239.701	288.324	292.342
81.5	96.642	140.718	230.049	277.147	279.231
82.0	89.814	133.422	220.110	265.032	266.211
82.5	83.047	126.353	210.609	252.389	255.214

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION - (Cont.)**

83.0	76.477	119.345	200.821	241.604	243.342
83.5	69.861	112.351	191.456	230.079	231.046
84.0	63.577	105.554	182.091	218.207	220.729
84.5	57.157	98.938	172.816	207.890	209.642
85.0	51.070	92.140	163.693	196.592	198.208
85.5	44.892	85.676	154.343	185.897	188.571
86.0	39.167	79.271	145.567	176.336	178.194
86.5	33.246	72.912	136.036	165.521	168.149
87.0	27.506	66.840	127.532	156.110	159.071
87.5	22.023	60.873	118.378	146.670	149.479
88.0	16.268	54.892	110.040	137.169	140.522
88.5	11.057	49.121	101.506	128.544	131.836
89.0	6.208	43.502	93.424	119.511	123.106
89.5	1.813	37.732	85.404	111.233	115.009
90.0	0.106	32.340	77.549	103.001	106.898
90.5	0.181	27.023	69.997	95.207	99.346
91.0	0.076	21.812	62.595	87.231	91.567
91.5	0.151	16.751	55.466	79.830	84.271
92.0	0.060	12.054	48.683	72.519	77.141
92.5	0.106	7.507	42.037	65.269	70.208
93.0	0.060	3.399	35.572	58.441	63.320
93.5	0.227	0.740	29.425	51.750	56.719
94.0	0.181	0.453	23.473	45.375	50.511
94.5	0.166	0.393	17.779	39.031	44.288
95.0	0.091	0.302	12.431	32.944	38.261
95.5	0.317	0.211	7.250	26.993	32.400
96.0	0.106	0.272	2.900	21.343	26.872
96.5	0.272	0.317	0.725	15.800	21.419
97.0	0.121	0.227	0.559	10.740	16.132
97.5	0.181	0.287	0.498	5.966	11.374
98.0	0.302	0.332	0.483	2.296	6.812
98.5	0.317	0.242	0.317	0.831	2.991
99.0	0.317	0.257	0.393	0.529	1.118
99.5	0.287	0.363	0.378	0.574	0.408
100.0	0.393	0.332	0.408	0.574	0.559
100.5	0.272	0.438	0.438	0.604	0.529
101.0	0.408	0.423	0.287	0.589	0.363
101.5	0.453	0.498	0.498	0.634	0.514
102.0	0.393	0.514	0.423	0.544	0.544
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION - (Cont.)**

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION - (Cont.)**

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**CANDELA TABULATION - (Cont.)**

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	538.22	N.A.	12.30
0-30	1141.63	N.A.	26.10
0-40	1865.65	N.A.	42.70
0-60	3288.83	N.A.	75.30
0-80	4185.97	N.A.	95.80
0-90	4346.11	N.A.	99.40
10-90	4206.78	N.A.	96.30
20-40	1327.43	N.A.	30.40
20-50	2073.71	N.A.	47.50
40-70	1962.25	N.A.	44.90
60-80	897.14	N.A.	20.50
70-80	358.06	N.A.	8.20
80-90	160.14	N.A.	3.70
90-110	24.07	N.A.	0.60
90-120	24.07	N.A.	0.60
90-130	24.07	N.A.	0.60
90-150	24.07	N.A.	0.60
90-180	24.07	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	4370.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	139.33
10-20	398.89
20-30	603.41
30-40	724.02
40-50	746.28
50-60	676.89
60-70	539.08
70-80	358.06
80-90	160.14
90-100	23.95
100-110	0.11
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

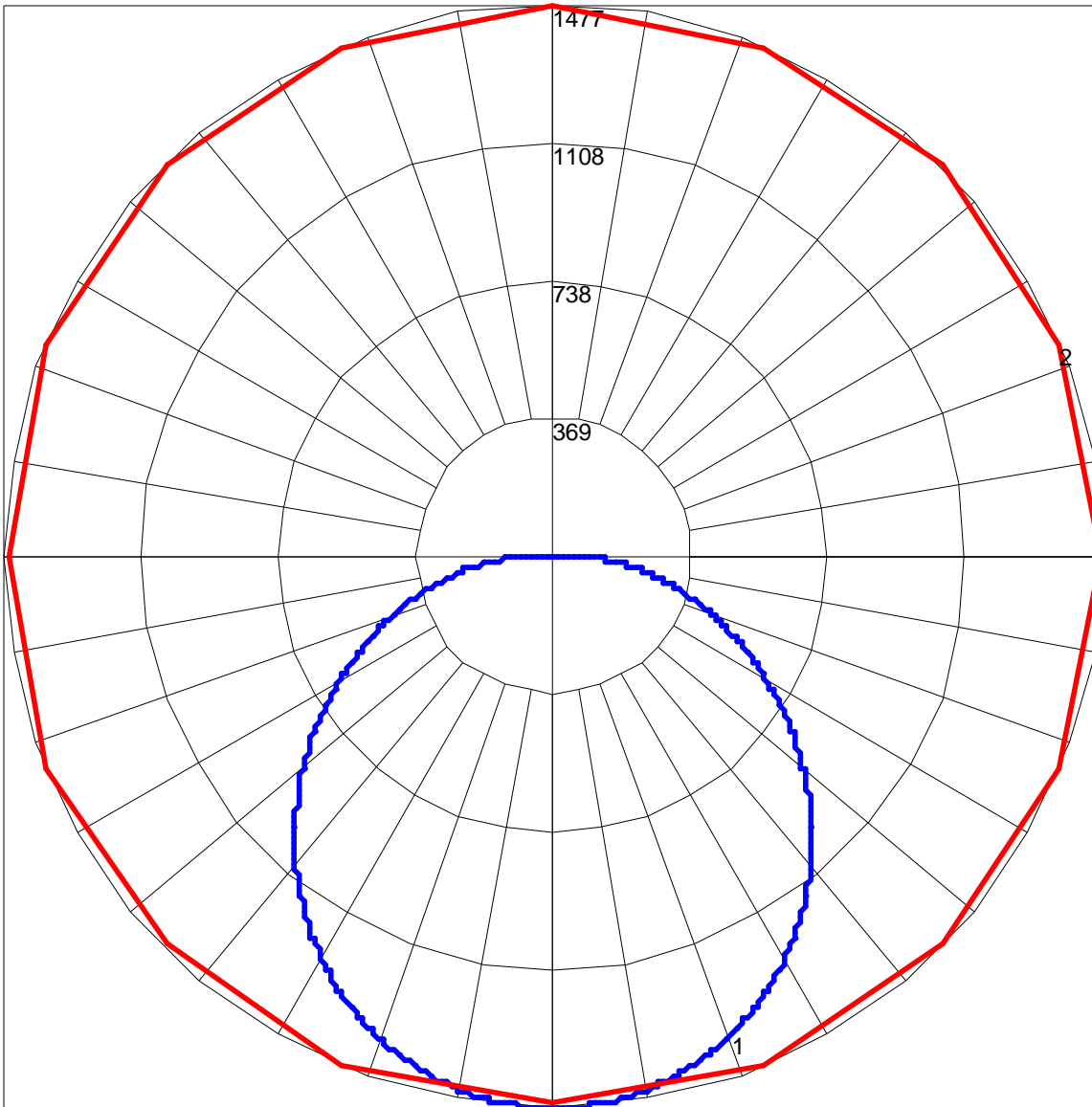
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED35DMVWH35.IES**

**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 = 1476.891 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.)