



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000708-023A
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] LPLIA48-LED60DMVWH35
 [LUMINAIRE] Catalog Number: LPLIA48-LED60DMVWH35
 [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 1050mA.
 [MORE] 120.0Vac, 60.00Hz, 0.4949A, 59.41W, 0.996PF, 4.6%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-LED60DMVWH30
 [DATE] This file created: Monday, March 6, 2017 10:03:08 AM
 [ISSUE DATE] Monday, March 6, 2017 10:03:08 AM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6695
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	59.2
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	7955	9005	9812
55	7040	8621	9852
65	6071	8297	10066
75	5003	8348	10474
85	3689	9805	11411

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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	2253.698	2253.698	2253.698	2253.698	2253.698
0.5	2248.792	2249.290	2259.994	2257.689	2246.467
1.0	2248.609	2248.924	2259.547	2257.394	2246.446
1.5	2247.746	2248.396	2259.019	2257.019	2246.030
2.0	2246.944	2247.675	2258.258	2256.531	2245.532
2.5	2245.766	2246.599	2257.394	2255.729	2244.984
3.0	2244.364	2245.380	2256.186	2254.845	2244.354
3.5	2242.628	2243.755	2254.866	2253.586	2243.643
4.0	2240.708	2242.089	2253.301	2252.327	2242.546
4.5	2238.626	2240.160	2251.737	2251.077	2241.246
5.0	2236.138	2237.854	2249.716	2249.361	2240.048
5.5	2233.274	2235.366	2247.482	2247.614	2238.443
6.0	2230.562	2232.695	2245.116	2245.654	2236.869
6.5	2227.119	2229.740	2242.526	2243.582	2235.163
7.0	2223.585	2226.530	2239.713	2241.358	2233.223
7.5	2219.959	2223.169	2236.889	2238.829	2231.080
8.0	2215.978	2219.492	2233.741	2236.280	2228.937
8.5	2211.753	2215.582	2230.318	2233.568	2226.652
9.0	2207.264	2211.459	2226.784	2230.562	2224.113
9.5	2202.511	2207.203	2222.915	2227.536	2221.381
10.0	2197.454	2202.430	2218.984	2224.265	2218.497
10.5	2192.284	2197.819	2214.800	2220.843	2215.572
11.0	2186.638	2192.630	2210.535	2217.288	2212.627
11.5	2181.052	2187.257	2205.944	2213.490	2209.285
12.0	2174.948	2181.661	2201.181	2209.600	2205.863
12.5	2168.682	2175.923	2196.164	2205.558	2202.339
13.0	2162.202	2169.839	2190.994	2201.313	2198.510
13.5	2155.489	2163.583	2185.693	2196.946	2194.701
14.0	2148.400	2157.195	2180.260	2192.355	2190.751
14.5	2141.149	2150.452	2174.308	2187.582	2186.485
15.0	2133.735	2143.505	2168.580	2182.758	2182.159
15.5	2126.108	2136.294	2162.527	2177.639	2177.822
16.0	2118.054	2128.769	2156.129	2172.246	2173.100
16.5	2109.838	2121.223	2149.649	2167.047	2168.367
17.0	2101.500	2113.392	2143.017	2161.390	2163.492
17.5	2092.776	2105.369	2136.142	2155.621	2158.394
18.0	2083.838	2096.970	2129.094	2149.751	2153.163
18.5	2074.810	2088.449	2121.913	2143.800	2147.720
19.0	2065.283	2079.502	2114.367	2137.411	2142.144
19.5	2055.534	2070.605	2106.720	2131.064	2136.467
20.0	2045.764	2061.302	2098.930	2124.544	2130.658
20.5	2035.415	2051.847	2090.846	2117.709	2124.493
21.0	2025.309	2042.199	2082.691	2110.965	2118.450
21.5	2014.828	2032.337	2074.424	2103.836	2112.092
22.0	2003.870	2022.161	2065.832	2096.574	2105.532
22.5	1992.892	2011.812	2057.057	2089.241	2098.758
23.0	1981.720	2001.291	2048.130	2081.624	2092.095
23.5	1970.173	1990.424	2038.990	2073.936	2085.159
24.0	1958.503	1979.486	2029.717	2066.086	2078.110
24.5	1946.499	1968.304	2020.211	2058.083	2070.839
25.0	1934.373	1956.828	2010.583	2049.704	2063.323
25.5	1921.962	1945.240	2000.844	2041.437	2055.828
26.0	1909.592	1933.499	1990.881	2032.967	2048.100
26.5	1896.521	1921.332	1980.643	2024.294	2040.147

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CANDELA TABULATION - (Cont.)

27.0	1883.613	1909.135	1970.284	2015.397	2032.124
27.5	1870.370	1896.724	1959.752	2006.399	2023.949
28.0	1856.842	1883.907	1948.936	1997.228	2015.519
28.5	1843.192	1871.111	1938.161	1987.966	2007.161
29.0	1829.349	1858.040	1927.202	1978.490	1998.559
29.5	1815.212	1844.776	1915.777	1968.761	1989.540
30.0	1800.974	1831.381	1904.544	1959.092	1980.674
30.5	1786.623	1817.772	1893.129	1949.139	1971.635
31.0	1771.643	1803.756	1881.216	1938.923	1962.352
31.5	1756.785	1789.812	1869.516	1928.695	1952.877
32.0	1741.784	1775.746	1857.593	1918.397	1943.320
32.5	1726.378	1761.284	1845.274	1907.693	1933.520
33.0	1710.880	1746.812	1833.056	1897.019	1923.556
33.5	1695.371	1732.136	1820.666	1886.142	1913.472
34.0	1679.254	1717.248	1807.839	1875.001	1903.224
34.5	1663.431	1702.298	1795.246	1863.992	1892.814
35.0	1647.242	1687.125	1782.378	1852.657	1882.333
35.5	1630.657	1671.606	1769.206	1840.958	1871.446
36.0	1614.337	1656.129	1756.013	1829.309	1860.691
36.5	1597.640	1640.692	1742.851	1817.640	1849.763
37.0	1580.507	1624.686	1729.262	1805.564	1838.480
37.5	1563.648	1608.903	1715.816	1793.580	1827.064
38.0	1546.637	1592.948	1702.166	1781.352	1815.751
38.5	1529.229	1576.729	1688.120	1768.942	1804.031
39.0	1511.985	1560.490	1674.318	1756.511	1792.392
39.5	1494.415	1544.189	1660.354	1743.917	1780.479
40.0	1476.520	1527.574	1645.963	1731.009	1768.424
40.5	1458.930	1511.152	1631.704	1718.222	1756.247
41.0	1441.268	1494.516	1617.343	1705.355	1743.988
41.5	1423.059	1477.718	1602.668	1691.990	1731.456
42.0	1405.143	1460.869	1588.073	1678.868	1718.893
42.5	1387.340	1444.092	1573.286	1665.564	1706.330
43.0	1369.080	1426.867	1558.286	1652.046	1693.381
43.5	1351.195	1410.008	1543.346	1638.457	1680.503
44.0	1332.884	1392.916	1528.305	1624.869	1667.392
44.5	1314.298	1375.539	1512.787	1610.894	1654.026
45.0	1296.322	1358.456	1497.644	1597.163	1640.813
45.5	1278.244	1341.394	1482.278	1583.249	1627.326
46.0	1259.669	1323.814	1466.608	1568.929	1613.646
46.5	1241.368	1306.519	1451.028	1554.823	1600.139
47.0	1223.107	1289.324	1435.520	1540.696	1586.408
47.5	1204.664	1271.765	1419.494	1526.203	1572.403
48.0	1186.312	1254.368	1403.732	1511.853	1558.408
48.5	1167.889	1236.980	1387.888	1497.350	1544.331
49.0	1149.497	1219.421	1371.730	1482.492	1530.103
49.5	1131.358	1202.115	1355.765	1468.040	1515.915
50.0	1113.108	1184.708	1339.647	1453.313	1501.615
50.5	1094.664	1166.914	1323.337	1438.374	1487.102
51.0	1076.577	1149.669	1307.189	1423.506	1472.600
51.5	1058.590	1132.465	1291.041	1408.698	1458.107
52.0	1040.127	1114.834	1274.487	1393.545	1443.289
52.5	1022.191	1097.447	1258.176	1378.494	1428.553
53.0	1004.124	1080.050	1241.937	1363.331	1413.725
53.5	985.985	1062.521	1225.230	1348.016	1398.867
54.0	968.253	1045.286	1208.889	1332.995	1384.060
54.5	950.470	1027.990	1192.416	1317.863	1369.130

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55.0	932.524	1010.400	1175.537	1302.334	1353.835
55.5	915.035	993.287	1159.328	1287.324	1339.028
56.0	897.465	976.174	1142.895	1272.008	1323.906
56.5	879.550	958.604	1126.128	1256.521	1308.712
57.0	862.183	941.542	1109.553	1241.195	1293.712
57.5	844.766	924.430	1093.029	1225.951	1278.468
58.0	827.226	907.205	1076.262	1210.483	1262.909
58.5	810.307	890.244	1059.738	1195.199	1247.593
59.0	793.072	873.253	1043.285	1179.843	1232.116
59.5	775.888	856.130	1026.650	1164.324	1216.242
60.0	758.958	839.373	1010.278	1148.979	1200.825
60.5	742.200	822.616	993.886	1133.552	1185.114
61.0	725.179	805.503	977.261	1117.779	1169.189
61.5	708.665	788.816	960.940	1102.210	1153.458
62.0	692.020	772.232	944.711	1086.661	1137.685
62.5	675.232	755.556	928.269	1070.818	1121.395
63.0	659.013	739.052	912.181	1055.188	1105.379
63.5	642.804	722.569	896.176	1039.497	1089.079
64.0	626.503	706.147	880.007	1023.552	1073.032
64.5	610.579	689.948	864.154	1007.800	1057.209
65.0	594.634	673.790	848.422	992.058	1041.112
65.5	578.445	657.449	832.335	975.971	1024.568
66.0	562.856	641.402	816.674	960.209	1008.288
66.5	547.266	625.579	801.065	944.589	992.292
67.0	531.697	609.563	785.211	928.665	975.971
67.5	516.311	593.974	769.581	912.862	959.803
68.0	501.138	578.354	754.083	897.191	943.066
68.5	485.975	562.886	738.392	881.460	925.801
69.0	471.035	547.551	723.036	865.880	909.033
69.5	456.370	532.357	707.548	849.702	892.499
70.0	441.370	517.083	691.857	833.208	875.325
70.5	426.918	502.245	676.593	817.203	857.776
71.0	412.395	487.468	661.409	801.288	840.328
71.5	398.024	472.650	646.308	784.876	822.727
72.0	384.009	458.147	631.317	768.261	805.513
72.5	370.135	443.888	616.500	751.757	787.598
73.0	356.171	429.528	601.713	735.447	768.779
73.5	342.582	415.573	587.159	718.964	750.721
74.0	329.085	401.639	572.250	701.587	732.725
74.5	315.516	387.908	557.554	684.393	713.896
75.0	302.446	374.563	543.001	667.757	694.457
75.5	289.649	361.442	528.599	650.837	675.100
76.0	276.588	348.158	513.762	632.455	656.128
76.5	264.097	335.361	499.350	614.773	636.588
77.0	251.788	322.676	485.132	597.518	615.860
77.5	239.296	309.961	470.426	579.319	595.588
78.0	227.362	297.540	455.974	560.388	576.546
78.5	215.409	285.160	441.837	542.290	555.970
79.0	203.668	272.953	427.060	524.222	534.134
79.5	192.040	261.141	412.557	504.997	514.483
80.0	180.756	249.472	398.379	485.833	495.237
80.5	169.636	237.833	383.684	467.460	473.747
81.0	158.596	226.682	369.008	448.824	453.699
81.5	147.983	215.520	354.678	429.629	435.692
82.0	137.319	204.552	339.698	411.714	416.426
82.5	126.909	193.797	325.114	394.063	396.856

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CANDELA TABULATION - (Cont.)

83.0	116.723	183.174	310.692	375.356	378.981
83.5	106.709	172.530	295.844	357.776	361.401
84.0	97.000	162.191	282.113	340.856	343.232
84.5	87.362	152.076	267.844	322.981	326.231
85.0	77.927	141.889	253.616	306.488	309.920
85.5	68.827	131.977	239.732	290.401	293.397
86.0	59.748	122.278	225.687	273.877	277.675
86.5	50.750	112.661	211.895	258.683	262.654
87.0	42.036	103.368	197.951	243.510	247.390
87.5	33.505	94.288	184.768	228.297	233.263
88.0	25.055	85.270	171.179	214.515	219.674
88.5	16.930	76.322	158.555	200.205	205.527
89.0	9.262	67.720	145.728	187.134	193.005
89.5	0.000	58.986	133.480	173.881	179.700
90.0	0.000	50.668	121.324	161.216	167.726
90.5	0.000	42.422	109.786	149.171	155.996
91.0	0.000	34.378	98.523	136.933	144.043
91.5	0.000	26.812	87.555	125.538	133.105
92.0	0.000	19.520	76.942	114.529	121.831
92.5	0.000	12.583	66.694	103.347	111.361
93.0	0.000	6.144	56.904	92.998	100.920
93.5	0.000	0.000	47.571	82.812	90.906
94.0	0.000	0.000	38.400	72.849	81.228
94.5	0.000	0.000	29.848	63.404	71.712
95.0	0.000	0.000	21.581	53.959	62.612
95.5	0.000	0.000	13.548	44.808	53.542
96.0	0.000	0.000	6.662	36.155	44.930
96.5	0.000	0.000	0.000	27.919	36.562
97.0	0.000	0.000	0.000	19.774	28.609
97.5	0.000	0.000	0.000	12.329	20.992
98.0	0.000	0.000	0.000	6.358	13.802
98.5	0.000	0.000	0.000	0.000	7.729
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
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

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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-LED60DMVWH35.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
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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-LED60DMVWH35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	823.63	N.A.	12.30
0-30	1746.96	N.A.	26.10
0-40	2854.88	N.A.	42.60
0-60	5032.82	N.A.	75.20
0-80	6408.15	N.A.	95.70
0-90	6656.47	N.A.	99.40
10-90	6443.26	N.A.	96.20
20-40	2031.25	N.A.	30.30
20-50	3173.26	N.A.	47.40
40-70	3003.27	N.A.	44.90
60-80	1375.33	N.A.	20.50
70-80	550.00	N.A.	8.20
80-90	248.32	N.A.	3.70
90-110	38.15	N.A.	0.60
90-120	38.15	N.A.	0.60
90-130	38.15	N.A.	0.60
90-150	38.15	N.A.	0.60
90-180	38.15	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	6694.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	213.21
10-20	610.41
20-30	923.34
30-40	1107.91
40-50	1142.01
50-60	1035.94
60-70	825.33
70-80	550.00
80-90	248.32
90-100	38.15
100-110	0.00
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

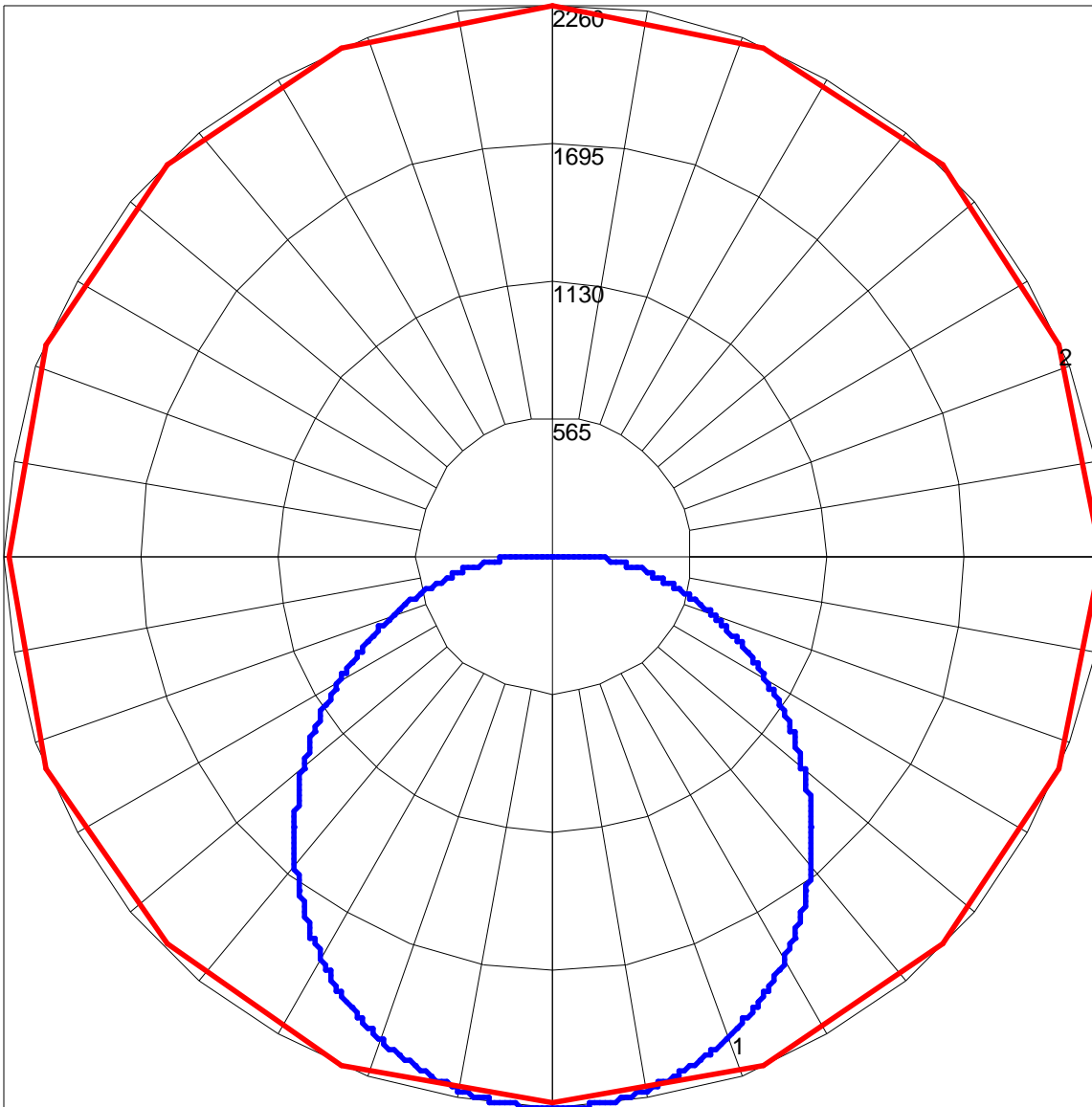
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH35.IES

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	83	81
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	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	44	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	38	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	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 = 2259.994 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.)