



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED48DMVWH40.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-LED48DMVWH40
 [LUMINAIRE] Catalog Number: LPLIA48-LED48DMVWH40
 [MORE] Pendant mounted, formed white enamel steel housing, formed white
 [MORE] enamel steel reflector trays, frosted linear ribbed plastic lower enclosure.
 [MORE] 128 white LEDs, 4 lower Everline M10CC840D32N2S LED boards with 32 white LEDs each.
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 860mA.
 [MORE] 120.0Vac, 60.00Hz, 0.4000A, 48W, 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	5925
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	48
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	7046	7979	8692
55	6234	7639	8729
65	5375	7352	8912
75	4431	7388	9198
85	3278	8580	9895

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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	1996.739	1996.739	1996.739	1996.739	1996.739
0.5	1992.151	1992.929	2002.432	2000.425	1989.775
1.0	1991.782	1992.684	2002.330	2000.241	1989.796
1.5	1991.045	1992.335	2001.797	1999.811	1989.857
2.0	1990.431	1991.516	2001.183	1999.360	1989.653
2.5	1989.366	1990.595	2000.200	1998.582	1988.997
3.0	1988.260	1989.366	1999.135	1997.865	1988.178
3.5	1986.355	1988.198	1998.029	1996.841	1987.318
4.0	1984.860	1986.560	1996.698	1995.653	1986.581
4.5	1982.853	1984.799	1994.814	1994.465	1985.864
5.0	1980.764	1982.935	1993.196	1993.093	1984.635
5.5	1978.327	1980.580	1991.250	1991.496	1982.976
6.0	1975.726	1978.061	1989.243	1989.857	1981.563
6.5	1972.736	1975.644	1987.031	1987.789	1980.129
7.0	1969.664	1972.818	1984.471	1985.823	1978.614
7.5	1966.408	1969.766	1981.829	1983.631	1976.402
8.0	1963.049	1966.531	1979.105	1981.379	1974.620
8.5	1959.096	1963.090	1976.115	1978.942	1972.593
9.0	1955.246	1959.526	1973.023	1976.382	1970.483
9.5	1950.700	1955.574	1969.521	1973.719	1968.108
10.0	1946.133	1951.334	1966.121	1970.688	1965.568
10.5	1941.770	1947.238	1962.291	1967.555	1962.988
11.0	1936.896	1942.774	1958.625	1964.442	1960.366
11.5	1931.653	1937.920	1954.509	1961.308	1957.581
12.0	1926.267	1933.128	1950.372	1957.724	1954.386
12.5	1920.840	1928.172	1946.030	1954.284	1951.212
13.0	1915.208	1922.642	1941.279	1950.433	1948.058
13.5	1909.043	1917.358	1936.691	1946.767	1944.371
14.0	1903.002	1911.480	1931.838	1942.446	1940.951
14.5	1896.837	1905.295	1926.636	1938.043	1937.326
15.0	1889.976	1899.479	1921.516	1933.886	1933.763
15.5	1883.136	1892.905	1916.191	1929.421	1929.646
16.0	1875.989	1886.495	1910.477	1924.751	1925.468
16.5	1868.882	1879.532	1904.804	1919.816	1921.188
17.0	1861.059	1872.814	1899.008	1915.126	1916.785
17.5	1853.542	1865.441	1892.700	1909.944	1912.525
18.0	1845.719	1858.294	1886.700	1904.804	1907.814
18.5	1837.773	1850.593	1880.166	1899.356	1902.981
19.0	1829.253	1842.811	1873.510	1893.827	1897.984
19.5	1820.897	1834.783	1866.936	1888.256	1893.028
20.0	1811.927	1826.591	1860.055	1882.501	1887.765
20.5	1802.895	1818.153	1852.580	1876.419	1882.153
21.0	1793.966	1809.736	1845.514	1870.090	1877.033
21.5	1784.525	1800.929	1837.957	1864.090	1871.278
22.0	1775.145	1791.734	1830.584	1857.598	1865.830
22.5	1765.499	1782.805	1822.904	1851.064	1859.912
23.0	1755.484	1773.445	1814.999	1844.429	1853.768
23.5	1745.162	1763.902	1806.930	1837.363	1847.583
24.0	1734.881	1754.133	1798.799	1830.707	1841.541
24.5	1724.293	1744.323	1790.546	1823.478	1834.947
25.0	1713.234	1733.919	1781.678	1816.085	1828.147
25.5	1702.523	1723.761	1773.015	1808.732	1821.573
26.0	1691.423	1713.377	1764.229	1801.134	1814.712
26.5	1679.934	1702.646	1755.013	1793.516	1807.626

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CANDELA TABULATION - (Cont.)

27.0	1668.383	1691.710	1745.961	1785.590	1800.684
27.5	1656.730	1680.835	1736.602	1777.787	1793.270
28.0	1644.646	1669.448	1727.038	1769.411	1785.897
28.5	1632.727	1658.184	1717.535	1761.157	1778.442
29.0	1620.398	1646.694	1707.868	1752.924	1770.947
29.5	1607.803	1634.775	1697.710	1744.425	1762.959
30.0	1595.064	1622.999	1687.839	1735.639	1755.054
30.5	1582.305	1610.977	1677.599	1726.587	1747.149
31.0	1569.260	1598.587	1667.113	1717.781	1738.609
31.5	1555.927	1586.156	1656.525	1708.769	1730.253
32.0	1542.554	1573.745	1646.121	1699.533	1721.672
32.5	1528.975	1560.822	1635.144	1690.030	1712.824
33.0	1515.295	1548.001	1624.392	1680.691	1704.366
33.5	1501.471	1535.160	1613.476	1671.045	1695.191
34.0	1487.360	1521.828	1602.089	1661.133	1686.241
34.5	1473.229	1508.618	1590.968	1651.221	1676.759
35.0	1458.893	1495.163	1579.663	1641.185	1667.666
35.5	1444.250	1481.482	1567.724	1630.863	1658.040
36.0	1429.545	1467.658	1556.030	1620.521	1648.640
36.5	1414.861	1453.978	1544.479	1610.261	1639.137
37.0	1399.706	1439.949	1532.621	1599.652	1628.836
37.5	1384.837	1425.879	1520.681	1589.002	1618.801
38.0	1369.702	1411.748	1508.434	1578.189	1608.745
38.5	1354.158	1397.330	1496.146	1567.212	1598.300
39.0	1339.269	1383.158	1483.940	1556.255	1588.019
39.5	1323.479	1368.658	1471.427	1544.970	1577.370
40.0	1307.669	1353.687	1458.627	1533.440	1566.741
40.5	1292.022	1339.290	1445.950	1522.278	1555.968
41.0	1276.396	1324.646	1433.252	1510.748	1545.073
41.5	1260.401	1309.553	1420.186	1498.931	1533.829
42.0	1244.549	1294.643	1407.283	1487.340	1522.913
42.5	1228.780	1279.836	1394.217	1475.584	1511.608
43.0	1212.477	1264.497	1380.926	1463.788	1500.222
43.5	1196.565	1249.608	1367.757	1451.704	1488.855
44.0	1180.385	1234.514	1354.342	1439.621	1477.120
44.5	1164.104	1219.154	1340.355	1427.149	1465.426
45.0	1148.068	1203.937	1327.022	1414.943	1453.589
45.5	1132.053	1188.495	1313.608	1402.696	1441.731
46.0	1115.525	1173.258	1299.722	1389.957	1429.668
46.5	1099.325	1157.878	1285.878	1377.567	1417.564
47.0	1083.044	1142.579	1272.054	1364.951	1405.338
47.5	1066.639	1126.933	1257.923	1352.131	1393.009
48.0	1050.440	1111.593	1243.976	1339.269	1380.823
48.5	1034.281	1096.192	1229.988	1326.551	1368.064
49.0	1017.979	1080.525	1215.488	1313.464	1355.612
49.5	1001.882	1065.206	1201.439	1300.705	1343.140
50.0	985.661	1049.825	1187.205	1287.598	1330.340
50.5	969.380	1034.220	1172.746	1274.225	1317.356
51.0	953.508	1018.839	1158.369	1261.036	1304.576
51.5	937.308	1003.541	1143.869	1248.010	1291.858
52.0	921.272	987.791	1129.390	1234.473	1278.730
52.5	905.257	972.493	1114.829	1221.263	1265.766
53.0	889.262	956.949	1100.370	1207.808	1252.413
53.5	873.124	941.322	1085.542	1194.271	1239.265
54.0	857.375	926.249	1071.043	1180.918	1226.158
54.5	841.400	910.869	1056.461	1167.442	1212.969

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CANDELA TABULATION - (Cont.)

55.0	825.713	895.099	1041.674	1153.823	1199.534
55.5	810.168	880.046	1027.195	1140.265	1186.161
56.0	794.767	864.850	1012.511	1126.851	1173.013
56.5	778.670	849.429	997.642	1113.088	1159.168
57.0	763.392	834.069	982.938	1099.551	1146.102
57.5	748.053	819.016	968.438	1086.157	1132.421
58.0	732.365	803.676	953.672	1072.394	1118.904
58.5	717.292	788.664	938.947	1058.918	1105.736
59.0	702.095	773.448	924.283	1045.279	1091.768
59.5	686.817	758.293	909.455	1031.557	1077.781
60.0	671.908	743.526	894.956	1018.061	1063.977
60.5	656.998	728.535	880.497	1004.380	1050.030
61.0	642.028	713.359	865.731	990.536	1035.571
61.5	627.261	698.696	851.231	976.691	1021.624
62.0	612.536	683.930	836.813	962.724	1007.227
62.5	597.565	669.041	822.374	948.572	993.075
63.0	583.311	654.397	808.264	934.933	978.821
63.5	568.893	639.816	793.907	920.760	964.485
64.0	554.271	625.275	779.571	906.568	950.170
64.5	540.201	610.877	765.645	892.723	936.161
65.0	526.418	596.562	751.821	878.592	921.825
65.5	511.959	582.062	737.710	864.338	907.428
66.0	498.074	567.951	723.743	850.453	892.846
66.5	484.536	553.841	709.939	836.547	878.408
67.0	470.630	539.648	695.869	822.559	863.580
67.5	457.011	525.742	682.005	808.591	848.998
68.0	443.617	512.225	668.303	794.563	833.638
68.5	430.080	498.278	654.479	780.411	818.340
69.0	416.768	484.741	640.655	766.075	803.820
69.5	403.845	471.368	626.852	751.575	788.746
70.0	390.717	457.830	612.925	737.034	772.649
70.5	377.876	444.477	599.470	723.005	757.269
71.0	365.036	431.616	586.015	708.465	741.990
71.5	352.420	418.406	572.437	693.371	726.528
72.0	339.866	405.627	559.329	678.830	710.124
72.5	327.762	392.991	546.140	664.453	693.658
73.0	315.372	380.293	533.013	649.380	677.437
73.5	303.104	368.046	519.823	634.143	661.668
74.0	291.287	355.430	506.614	618.455	644.526
74.5	279.491	343.470	493.507	603.791	626.831
75.0	267.899	331.674	480.584	588.513	609.874
75.5	256.389	319.898	467.517	572.539	593.510
76.0	244.920	308.347	454.513	556.421	575.304
76.5	233.923	296.980	441.774	541.266	556.769
77.0	222.986	285.737	428.831	525.169	539.402
77.5	211.866	274.473	415.580	507.904	522.465
78.0	201.359	263.496	402.883	492.093	503.480
78.5	190.956	252.457	389.960	476.160	484.332
79.0	180.572	241.603	376.648	458.424	467.128
79.5	170.127	231.076	364.073	441.405	449.495
80.0	160.133	220.754	351.130	425.923	429.875
80.5	150.057	210.514	337.674	408.351	412.201
81.0	140.534	200.684	324.997	390.922	396.370
81.5	131.031	190.792	311.910	375.767	378.593
82.0	121.774	180.900	298.435	359.342	360.940
82.5	112.599	171.315	285.553	342.200	346.030

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CANDELA TABULATION - (Cont.)

83.0	103.690	161.812	272.282	327.578	329.933
83.5	94.720	152.330	259.584	311.951	313.262
84.0	86.200	143.114	246.886	295.854	299.274
84.5	77.496	134.144	234.312	281.866	284.242
85.0	69.243	124.928	221.942	266.547	268.739
85.5	60.867	116.163	209.265	252.047	255.672
86.0	53.105	107.479	197.366	239.084	241.603
86.5	45.076	98.857	184.443	224.420	227.983
87.0	37.294	90.624	172.913	211.661	215.675
87.5	29.860	82.534	160.502	198.861	202.670
88.0	22.057	74.424	149.197	185.979	190.525
88.5	14.991	66.601	137.626	174.285	178.749
89.0	8.417	58.982	126.669	162.038	166.912
89.5	2.458	51.159	115.794	150.815	155.935
90.0	0.143	43.848	105.144	139.653	144.937
90.5	0.246	36.639	94.904	129.085	134.697
91.0	0.102	29.573	84.869	118.272	124.150
91.5	0.205	22.712	75.203	108.237	114.258
92.0	0.082	16.343	66.007	98.324	104.591
92.5	0.143	10.179	56.996	88.494	95.191
93.0	0.082	4.608	48.230	79.237	85.852
93.5	0.307	1.004	39.895	70.164	76.902
94.0	0.246	0.614	31.826	61.522	68.485
94.5	0.225	0.532	24.105	52.920	60.047
95.0	0.123	0.410	16.855	44.667	51.876
95.5	0.430	0.287	9.830	36.598	43.930
96.0	0.143	0.369	3.932	28.938	36.434
96.5	0.369	0.430	0.983	21.422	29.041
97.0	0.164	0.307	0.758	14.561	21.873
97.5	0.246	0.389	0.676	8.090	15.421
98.0	0.410	0.451	0.655	3.113	9.236
98.5	0.430	0.328	0.430	1.126	4.055
99.0	0.430	0.348	0.532	0.717	1.516
99.5	0.389	0.492	0.512	0.778	0.553
100.0	0.532	0.451	0.553	0.778	0.758
100.5	0.369	0.594	0.594	0.819	0.717
101.0	0.553	0.573	0.389	0.799	0.492
101.5	0.614	0.676	0.676	0.860	0.696
102.0	0.532	0.696	0.573	0.737	0.737
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
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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-LED48DMVWH40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	729.74	N.A.	12.30
0-30	1547.87	N.A.	26.10
0-40	2529.53	N.A.	42.70
0-60	4459.13	N.A.	75.30
0-80	5675.52	N.A.	95.80
0-90	5892.64	N.A.	99.40
10-90	5703.74	N.A.	96.30
20-40	1799.79	N.A.	30.40
20-50	2811.63	N.A.	47.50
40-70	2660.51	N.A.	44.90
60-80	1216.38	N.A.	20.50
70-80	485.47	N.A.	8.20
80-90	217.13	N.A.	3.70
90-110	32.63	N.A.	0.60
90-120	32.63	N.A.	0.60
90-130	32.63	N.A.	0.60
90-150	32.63	N.A.	0.60
90-180	32.63	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	5925.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	188.90
10-20	540.84
20-30	818.13
30-40	981.66
40-50	1011.84
50-60	917.76
60-70	730.90
70-80	485.47
80-90	217.13
90-100	32.48
100-110	0.16
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

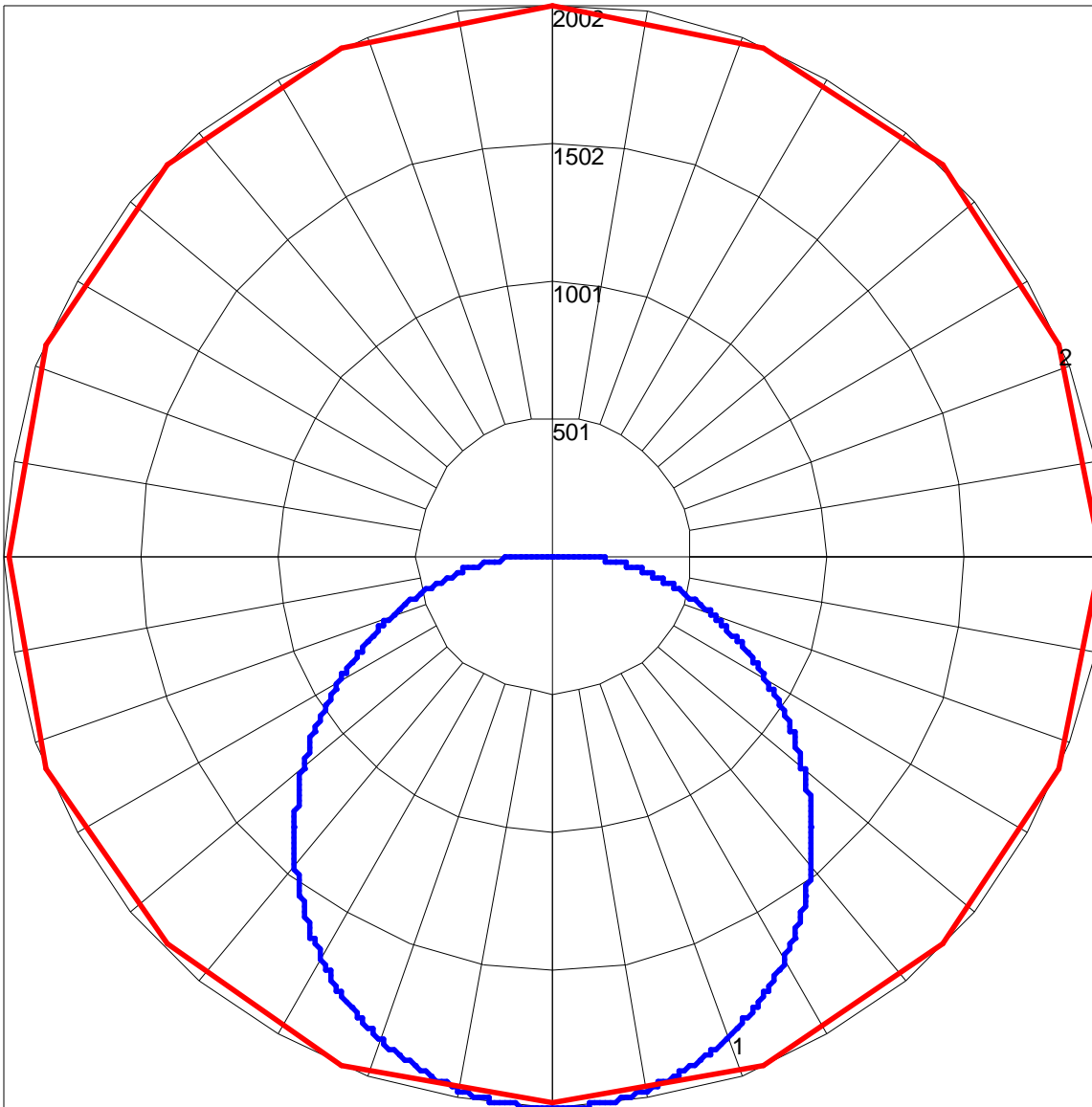
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 2002.432 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.)