



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED48DMVWH35.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-LED48DMVWH35  
 [LUMINAIRE] Catalog Number: LPLIA48-LED48DMVWH35  
 [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 M10CC835D32N2S 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	5751
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
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	6838	7744	8436
55	6050	7414	8472
65	5216	7135	8649
75	4301	7170	8927
85	3181	8327	9603

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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>
<b>0.0</b>	1937.850	1937.850	1937.850	1937.850	1937.850
<b>0.5</b>	1933.398	1934.153	1943.376	1941.428	1931.093
<b>1.0</b>	1933.040	1933.915	1943.276	1941.249	1931.112
<b>1.5</b>	1932.325	1933.577	1942.760	1940.832	1931.172
<b>2.0</b>	1931.729	1932.782	1942.163	1940.394	1930.973
<b>2.5</b>	1930.695	1931.888	1941.209	1939.639	1930.337
<b>3.0</b>	1929.622	1930.695	1940.176	1938.944	1929.542
<b>3.5</b>	1927.773	1929.562	1939.103	1937.950	1928.707
<b>4.0</b>	1926.322	1927.972	1937.811	1936.797	1927.992
<b>4.5</b>	1924.374	1926.263	1935.982	1935.644	1927.296
<b>5.0</b>	1922.347	1924.454	1934.412	1934.312	1926.104
<b>5.5</b>	1919.982	1922.168	1932.524	1932.762	1924.494
<b>6.0</b>	1917.458	1919.723	1930.576	1931.172	1923.122
<b>6.5</b>	1914.556	1917.378	1928.429	1929.165	1921.731
<b>7.0</b>	1911.574	1914.635	1925.945	1927.256	1920.260
<b>7.5</b>	1908.414	1911.674	1923.381	1925.130	1918.113
<b>8.0</b>	1905.154	1908.533	1920.737	1922.943	1916.384
<b>8.5</b>	1901.318	1905.194	1917.835	1920.578	1914.417
<b>9.0</b>	1897.582	1901.736	1914.834	1918.094	1912.369
<b>9.5</b>	1893.169	1897.900	1911.435	1915.510	1910.064
<b>10.0</b>	1888.737	1893.785	1908.136	1912.568	1907.599
<b>10.5</b>	1884.503	1889.810	1904.419	1909.527	1905.095
<b>11.0</b>	1879.773	1885.477	1900.861	1906.506	1902.551
<b>11.5</b>	1874.684	1880.766	1896.866	1903.465	1899.847
<b>12.0</b>	1869.457	1876.115	1892.851	1899.987	1896.747
<b>12.5</b>	1864.190	1871.305	1888.637	1896.647	1893.666
<b>13.0</b>	1858.724	1865.939	1884.026	1892.911	1890.605
<b>13.5</b>	1852.741	1860.811	1879.574	1889.353	1887.027
<b>14.0</b>	1846.878	1855.107	1874.863	1885.159	1883.708
<b>14.5</b>	1840.895	1849.104	1869.815	1880.886	1880.190
<b>15.0</b>	1834.237	1843.459	1864.846	1876.851	1876.732
<b>15.5</b>	1827.598	1837.079	1859.678	1872.518	1872.737
<b>16.0</b>	1820.661	1830.858	1854.133	1867.986	1868.682
<b>16.5</b>	1813.764	1824.100	1848.627	1863.196	1864.528
<b>17.0</b>	1806.172	1817.581	1843.002	1858.644	1860.254
<b>17.5</b>	1798.877	1810.425	1836.880	1853.616	1856.120
<b>18.0</b>	1791.285	1803.489	1831.057	1848.627	1851.549
<b>18.5</b>	1783.573	1796.015	1824.716	1843.340	1846.858
<b>19.0</b>	1775.304	1788.462	1818.256	1837.973	1842.008
<b>19.5</b>	1767.195	1780.671	1811.876	1832.567	1837.198
<b>20.0</b>	1758.489	1772.721	1805.198	1826.982	1832.090
<b>20.5</b>	1749.724	1764.532	1797.943	1821.079	1826.644
<b>21.0</b>	1741.058	1756.363	1791.086	1814.937	1821.675
<b>21.5</b>	1731.895	1747.816	1783.752	1809.113	1816.090
<b>22.0</b>	1722.792	1738.892	1776.596	1802.813	1810.803
<b>22.5</b>	1713.430	1730.226	1769.143	1796.472	1805.059
<b>23.0</b>	1703.711	1721.142	1761.471	1790.033	1799.096
<b>23.5</b>	1693.694	1711.880	1753.640	1783.175	1793.093
<b>24.0</b>	1683.716	1702.399	1745.749	1776.716	1787.230
<b>24.5</b>	1673.440	1692.879	1737.739	1769.699	1780.830
<b>25.0</b>	1662.707	1682.782	1729.132	1762.524	1774.231
<b>25.5</b>	1652.312	1672.923	1720.725	1755.389	1767.851
<b>26.0</b>	1641.539	1662.846	1712.198	1748.015	1761.192
<b>26.5</b>	1630.389	1652.431	1703.254	1740.621	1754.315

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**CANDELA TABULATION - (Cont.)**

27.0	1619.178	1641.817	1694.469	1732.929	1747.577
27.5	1607.869	1631.263	1685.385	1725.356	1740.382
28.0	1596.142	1620.212	1676.103	1717.227	1733.227
28.5	1584.574	1609.280	1666.881	1709.217	1725.992
29.0	1572.609	1598.130	1657.499	1701.227	1718.717
29.5	1560.385	1586.562	1647.641	1692.978	1710.966
30.0	1548.022	1575.133	1638.061	1684.451	1703.294
30.5	1535.640	1563.466	1628.123	1675.666	1695.622
31.0	1522.979	1551.441	1617.946	1667.119	1687.333
31.5	1510.039	1539.376	1607.670	1658.374	1679.224
32.0	1497.060	1527.331	1597.573	1649.410	1670.896
32.5	1483.883	1514.790	1586.920	1640.187	1662.309
33.0	1470.605	1502.347	1576.485	1631.124	1654.101
33.5	1457.189	1489.885	1565.891	1621.762	1645.196
34.0	1443.494	1476.946	1554.840	1612.142	1636.510
34.5	1429.780	1464.126	1544.047	1602.522	1627.308
35.0	1415.867	1451.067	1533.076	1592.783	1618.483
35.5	1401.655	1437.790	1521.488	1582.766	1609.141
36.0	1387.385	1424.374	1510.139	1572.728	1600.018
36.5	1373.133	1411.097	1498.929	1562.770	1590.796
37.0	1358.425	1397.482	1487.420	1552.475	1580.798
37.5	1343.995	1383.827	1475.833	1542.139	1571.059
38.0	1329.307	1370.112	1463.947	1531.645	1561.300
38.5	1314.221	1356.120	1452.021	1520.991	1551.163
39.0	1299.771	1342.365	1440.175	1510.357	1541.185
39.5	1284.447	1328.293	1428.031	1499.406	1530.849
40.0	1269.102	1313.764	1415.608	1488.215	1520.534
40.5	1253.917	1299.791	1403.305	1477.383	1510.079
41.0	1238.752	1285.580	1390.982	1466.193	1499.505
41.5	1223.229	1270.931	1378.301	1454.724	1488.593
42.0	1207.845	1256.461	1365.779	1443.475	1477.999
42.5	1192.540	1242.091	1353.098	1432.066	1467.028
43.0	1176.719	1227.204	1340.199	1420.617	1455.977
43.5	1161.275	1212.754	1327.419	1408.890	1444.945
44.0	1145.573	1198.105	1314.400	1397.164	1433.556
44.5	1129.772	1183.198	1300.825	1385.059	1422.207
45.0	1114.209	1168.431	1287.885	1373.213	1410.719
45.5	1098.666	1153.444	1274.866	1361.327	1399.211
46.0	1082.626	1138.656	1261.391	1348.964	1387.504
46.5	1066.904	1123.729	1247.954	1336.939	1375.757
47.0	1051.102	1108.882	1234.538	1324.696	1363.891
47.5	1035.182	1093.697	1220.824	1312.253	1351.926
48.0	1019.460	1078.810	1207.288	1299.771	1340.100
48.5	1003.778	1063.863	1193.713	1287.428	1327.717
49.0	987.956	1048.658	1179.641	1274.727	1315.632
49.5	972.334	1033.790	1166.006	1262.345	1303.528
50.0	956.592	1018.864	1152.192	1249.624	1291.105
50.5	940.791	1003.718	1138.159	1236.645	1278.504
51.0	925.387	988.791	1124.206	1223.845	1266.101
51.5	909.665	973.944	1110.134	1211.204	1253.758
52.0	894.102	958.659	1096.082	1198.066	1241.018
52.5	878.559	943.812	1081.950	1185.246	1228.436
53.0	863.036	928.726	1067.918	1172.187	1215.477
53.5	847.373	913.561	1053.527	1159.049	1202.717
54.0	832.089	898.932	1039.455	1146.090	1189.996
54.5	816.586	884.005	1025.303	1133.011	1177.196

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**CANDELA TABULATION - (Cont.)**

55.0	801.361	868.700	1010.953	1119.794	1164.157
55.5	786.275	854.092	996.901	1106.636	1151.178
56.0	771.328	839.344	982.650	1093.617	1138.418
56.5	755.705	824.377	968.220	1080.261	1124.982
57.0	740.878	809.470	953.949	1067.123	1112.301
57.5	725.991	794.861	939.876	1054.124	1099.024
58.0	710.766	779.974	925.546	1040.767	1085.905
58.5	696.137	765.405	911.255	1027.689	1073.125
59.0	681.389	750.637	897.024	1014.451	1059.570
59.5	666.562	735.929	882.634	1001.134	1045.994
60.0	652.092	721.598	868.561	988.036	1032.598
60.5	637.622	707.049	854.529	974.759	1019.062
61.0	623.093	692.321	840.198	961.323	1005.030
61.5	608.762	678.090	826.126	947.886	991.494
62.0	594.471	663.759	812.133	934.331	977.522
62.5	579.942	649.309	798.121	920.597	963.787
63.0	566.108	635.098	784.426	907.359	949.954
63.5	552.116	620.946	770.493	893.605	936.040
64.0	537.924	606.834	756.580	879.831	922.147
64.5	524.269	592.861	743.064	866.395	908.552
65.0	510.893	578.968	729.648	852.680	894.639
65.5	496.860	564.896	715.953	838.847	880.666
66.0	483.384	551.201	702.398	825.371	866.514
66.5	470.246	537.507	689.002	811.875	852.502
67.0	456.750	523.733	675.347	798.300	838.111
67.5	443.533	510.237	661.891	784.744	823.960
68.0	430.534	497.119	648.594	771.129	809.053
68.5	417.396	483.583	635.177	757.395	794.205
69.0	404.477	470.445	621.761	743.482	780.113
69.5	391.935	457.466	608.365	729.409	765.484
70.0	379.194	444.328	594.849	715.297	749.862
70.5	366.732	431.369	581.790	701.682	734.935
71.0	354.270	418.887	568.732	687.570	720.107
71.5	342.026	406.067	555.554	672.922	705.101
72.0	329.842	393.664	542.833	658.810	689.180
72.5	318.095	381.401	530.033	644.857	673.200
73.0	306.071	369.077	517.293	630.228	657.458
73.5	294.165	357.192	504.493	615.440	642.154
74.0	282.696	344.948	491.673	600.215	625.518
74.5	271.248	333.340	478.952	585.984	608.345
75.0	259.998	321.892	466.410	571.157	591.887
75.5	248.828	310.463	453.729	555.653	576.006
76.0	237.697	299.253	441.108	540.011	558.337
76.5	227.024	288.222	428.745	525.303	540.349
77.0	216.410	277.310	416.184	509.680	523.494
77.5	205.617	266.378	403.324	492.925	507.057
78.0	195.421	255.725	391.001	477.581	488.632
78.5	185.324	245.011	378.459	462.117	470.048
79.0	175.247	234.477	365.540	444.904	453.352
79.5	165.110	224.261	353.336	428.387	436.238
80.0	155.410	214.243	340.774	413.361	417.197
80.5	145.631	204.305	327.715	396.308	400.044
81.0	136.389	194.765	315.412	379.393	384.680
81.5	127.167	185.165	302.711	364.685	367.428
82.0	118.183	175.565	289.633	348.744	350.295
82.5	109.278	166.263	277.131	332.108	335.825

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**CANDELA TABULATION - (Cont.)**

83.0	100.632	157.040	264.251	317.917	320.202
83.5	91.926	147.838	251.928	302.751	304.023
84.0	83.658	138.893	239.605	287.129	290.448
84.5	75.211	130.188	227.401	273.553	275.859
85.0	67.201	121.244	215.396	258.686	260.813
85.5	59.071	112.737	203.093	244.614	248.132
86.0	51.538	104.309	191.545	232.032	234.477
86.5	43.747	95.941	179.003	217.801	221.260
87.0	36.194	87.951	167.813	205.418	209.314
87.5	28.979	80.100	155.768	192.996	196.693
88.0	21.406	72.229	144.797	180.494	184.906
88.5	14.549	64.637	133.567	169.145	173.478
89.0	8.169	57.243	122.933	157.259	161.989
89.5	2.385	49.650	112.379	146.367	151.336
90.0	0.139	42.555	102.043	135.534	140.662
90.5	0.239	35.558	92.105	125.278	130.724
91.0	0.099	28.701	82.366	114.784	120.488
91.5	0.199	22.042	72.985	105.045	110.888
92.0	0.080	15.861	64.060	95.425	101.507
92.5	0.139	9.878	55.315	85.884	92.384
93.0	0.080	4.472	46.808	76.900	83.320
93.5	0.298	0.974	38.718	68.095	74.634
94.0	0.239	0.596	30.887	59.708	66.465
94.5	0.219	0.517	23.394	51.360	58.276
95.0	0.119	0.398	16.358	43.350	50.346
95.5	0.417	0.278	9.540	35.518	42.634
96.0	0.139	0.358	3.816	28.085	35.359
96.5	0.358	0.417	0.954	20.790	28.184
97.0	0.159	0.298	0.735	14.132	21.228
97.5	0.239	0.378	0.656	7.851	14.967
98.0	0.398	0.437	0.636	3.021	8.964
98.5	0.417	0.318	0.417	1.093	3.935
99.0	0.417	0.338	0.517	0.696	1.471
99.5	0.378	0.477	0.497	0.755	0.537
100.0	0.517	0.437	0.537	0.755	0.735
100.5	0.358	0.576	0.576	0.795	0.696
101.0	0.537	0.557	0.378	0.775	0.477
101.5	0.596	0.656	0.656	0.835	0.676
102.0	0.517	0.676	0.557	0.716	0.716
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-LED48DMVWH35.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-LED48DMVWH35.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-LED48DMVWH35.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	708.22	N.A.	12.30
0-30	1502.22	N.A.	26.10
0-40	2454.93	N.A.	42.70
0-60	4327.62	N.A.	75.30
0-80	5508.13	N.A.	95.80
0-90	5718.85	N.A.	99.40
10-90	5535.52	N.A.	96.30
20-40	1746.71	N.A.	30.40
20-50	2728.71	N.A.	47.50
40-70	2582.04	N.A.	44.90
60-80	1180.5	N.A.	20.50
70-80	471.16	N.A.	8.20
80-90	210.73	N.A.	3.70
90-110	31.67	N.A.	0.60
90-120	31.67	N.A.	0.60
90-130	31.67	N.A.	0.60
90-150	31.67	N.A.	0.60
90-180	31.67	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	5750.53	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	183.33
10-20	524.89
20-30	794.00
30-40	952.71
40-50	982.00
50-60	890.69
60-70	709.35
70-80	471.16
80-90	210.73
90-100	31.52
100-110	0.15
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

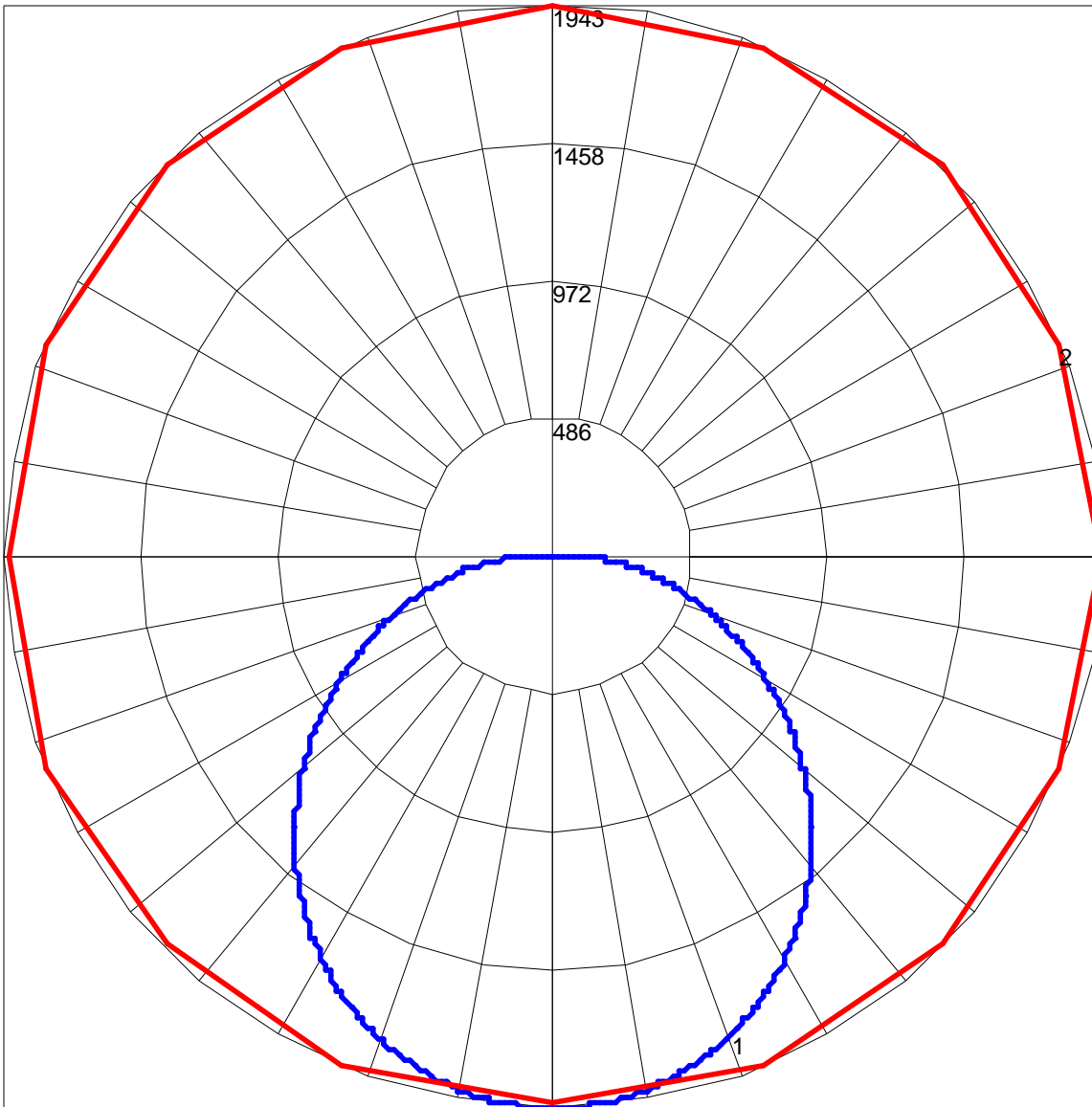
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED48DMVWH35.IES**

**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	60	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	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	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 = 1943.376 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.)