



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED48DMVWH30.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-LED48DMVWH30
 [LUMINAIRE] Catalog Number: LPLIA48-LED48DMVWH30
 [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 M10CC830D32N2S 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	5660
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	6730	7622	8303
55	5955	7298	8339
65	5134	7023	8514
75	4233	7058	8787
85	3131	8197	9452

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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	1907.431	1907.431	1907.431	1907.431	1907.431
0.5	1903.049	1903.792	1912.870	1910.953	1900.780
1.0	1902.697	1903.558	1912.772	1910.777	1900.799
1.5	1901.993	1903.225	1912.264	1910.366	1900.858
2.0	1901.406	1902.443	1911.677	1909.936	1900.662
2.5	1900.388	1901.562	1910.738	1909.192	1900.036
3.0	1899.332	1900.388	1909.720	1908.507	1899.254
3.5	1897.512	1899.273	1908.664	1907.529	1898.432
4.0	1896.084	1897.708	1907.392	1906.394	1897.728
4.5	1894.167	1896.026	1905.592	1905.260	1897.043
5.0	1892.171	1894.245	1904.047	1903.949	1895.869
5.5	1889.843	1891.995	1902.188	1902.423	1894.284
6.0	1887.359	1889.589	1900.271	1900.858	1892.934
6.5	1884.502	1887.280	1898.158	1898.882	1891.565
7.0	1881.568	1884.581	1895.713	1897.004	1890.117
7.5	1878.457	1881.666	1893.189	1894.910	1888.004
8.0	1875.249	1878.574	1890.587	1892.758	1886.302
8.5	1871.473	1875.288	1887.730	1890.430	1884.365
9.0	1867.795	1871.884	1884.776	1887.985	1882.350
9.5	1863.451	1868.108	1881.431	1885.441	1880.081
10.0	1859.089	1864.058	1878.183	1882.546	1877.655
10.5	1854.922	1860.145	1874.525	1879.553	1875.190
11.0	1850.265	1855.880	1871.023	1876.579	1872.686
11.5	1845.257	1851.244	1867.090	1873.586	1870.025
12.0	1840.112	1846.666	1863.138	1870.162	1866.973
12.5	1834.927	1841.931	1858.991	1866.875	1863.941
13.0	1829.547	1836.649	1854.452	1863.197	1860.928
13.5	1823.658	1831.601	1850.070	1859.695	1857.406
14.0	1817.887	1825.986	1845.433	1855.567	1854.139
14.5	1811.998	1820.078	1840.464	1851.361	1850.676
15.0	1805.444	1814.522	1835.573	1847.389	1847.272
15.5	1798.910	1808.242	1830.486	1843.124	1843.340
16.0	1792.082	1802.118	1825.028	1838.664	1839.349
16.5	1785.293	1795.467	1819.609	1833.949	1835.260
17.0	1777.820	1789.050	1814.072	1829.469	1831.053
17.5	1770.640	1782.007	1808.046	1824.519	1826.984
18.0	1763.166	1775.179	1802.314	1819.609	1822.484
18.5	1755.576	1767.823	1796.073	1814.405	1817.867
19.0	1747.437	1760.388	1789.715	1809.122	1813.094
19.5	1739.455	1752.719	1783.435	1803.801	1808.359
20.0	1730.886	1744.894	1776.861	1798.303	1803.331
20.5	1722.258	1736.833	1769.720	1792.493	1797.971
21.0	1713.728	1728.792	1762.971	1786.448	1793.080
21.5	1704.709	1720.380	1755.752	1780.715	1787.582
22.0	1695.749	1711.596	1748.709	1774.514	1782.378
22.5	1686.534	1703.066	1741.372	1768.273	1776.724
23.0	1676.967	1694.125	1733.820	1761.934	1770.855
23.5	1667.107	1685.008	1726.112	1755.184	1764.947
24.0	1657.286	1675.676	1718.345	1748.826	1759.175
24.5	1647.171	1666.305	1710.461	1741.920	1752.876
25.0	1636.607	1656.367	1701.990	1734.857	1746.380
25.5	1626.375	1646.663	1693.714	1727.834	1740.100
26.0	1615.771	1636.744	1685.321	1720.576	1733.547
26.5	1604.796	1626.492	1676.517	1713.298	1726.777

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CANDELA TABULATION - (Cont.)

27.0	1593.762	1616.045	1667.870	1705.727	1720.145
27.5	1582.630	1605.657	1658.929	1698.273	1713.063
28.0	1571.087	1594.779	1649.793	1690.271	1706.020
28.5	1559.701	1584.019	1640.715	1682.387	1698.899
29.0	1547.923	1573.043	1631.481	1674.522	1691.738
29.5	1535.891	1561.657	1621.777	1666.403	1684.108
30.0	1523.723	1550.408	1612.348	1658.010	1676.557
30.5	1511.534	1538.924	1602.566	1649.363	1669.005
31.0	1499.072	1527.088	1592.549	1640.950	1660.847
31.5	1486.336	1515.212	1582.434	1632.342	1652.865
32.0	1473.561	1503.356	1572.496	1623.519	1644.667
32.5	1460.590	1491.012	1562.009	1614.441	1636.216
33.0	1447.521	1478.765	1551.738	1605.520	1628.136
33.5	1434.315	1466.498	1541.311	1596.305	1619.371
34.0	1420.836	1453.762	1530.433	1586.836	1610.822
34.5	1407.336	1441.143	1519.810	1577.367	1601.763
35.0	1393.642	1428.289	1509.010	1567.781	1593.077
35.5	1379.653	1415.221	1497.605	1557.920	1583.882
36.0	1365.606	1402.015	1486.434	1548.041	1574.902
36.5	1351.579	1388.946	1475.400	1538.239	1565.824
37.0	1337.102	1375.545	1464.072	1528.105	1555.984
37.5	1322.898	1362.104	1452.666	1517.932	1546.397
38.0	1308.440	1348.605	1440.967	1507.602	1536.791
38.5	1293.591	1334.832	1429.228	1497.116	1526.814
39.0	1279.368	1321.294	1417.568	1486.649	1516.993
39.5	1264.284	1307.443	1405.615	1475.869	1506.819
40.0	1249.181	1293.141	1393.387	1464.855	1496.666
40.5	1234.234	1279.388	1381.277	1454.192	1486.375
41.0	1219.307	1265.400	1369.147	1443.178	1475.967
41.5	1204.027	1250.981	1356.666	1431.889	1465.226
42.0	1188.885	1236.738	1344.340	1420.816	1454.799
42.5	1173.820	1222.594	1331.858	1409.586	1443.999
43.0	1158.248	1207.940	1319.161	1398.317	1433.122
43.5	1143.046	1193.717	1306.582	1386.775	1422.264
44.0	1127.591	1179.298	1293.767	1375.232	1411.054
44.5	1112.037	1164.625	1280.405	1363.317	1399.882
45.0	1096.719	1150.089	1267.669	1351.657	1388.574
45.5	1081.420	1135.338	1254.855	1339.958	1377.247
46.0	1065.632	1120.782	1241.590	1327.789	1365.724
46.5	1050.156	1106.090	1228.365	1315.953	1354.161
47.0	1034.603	1091.476	1215.159	1303.901	1342.482
47.5	1018.932	1076.529	1201.660	1291.654	1330.704
48.0	1003.457	1061.875	1188.337	1279.368	1319.064
48.5	988.021	1047.163	1174.975	1267.219	1306.875
49.0	972.448	1032.197	1161.123	1254.718	1294.980
49.5	957.071	1017.563	1147.703	1242.529	1283.066
50.0	941.576	1002.870	1134.106	1230.008	1270.838
50.5	926.023	987.962	1120.293	1217.233	1258.435
51.0	910.861	973.270	1106.559	1204.634	1246.227
51.5	895.386	958.656	1092.708	1192.191	1234.078
52.0	880.067	943.611	1078.876	1179.259	1221.537
52.5	864.768	928.997	1064.966	1166.640	1209.153
53.0	849.488	914.147	1051.154	1153.787	1196.397
53.5	834.072	899.220	1036.990	1140.855	1183.837
54.0	819.027	884.821	1023.139	1128.099	1171.316
54.5	803.767	870.128	1009.209	1115.226	1158.717

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CANDELA TABULATION - (Cont.)

55.0	788.781	855.064	995.084	1102.216	1145.883
55.5	773.932	840.685	981.252	1089.265	1133.108
56.0	759.220	826.168	967.225	1076.450	1120.548
56.5	743.843	811.436	953.021	1063.303	1107.322
57.0	729.248	796.763	938.974	1050.372	1094.841
57.5	714.595	782.384	925.123	1037.577	1081.772
58.0	699.609	767.731	911.017	1024.430	1068.860
58.5	685.210	753.390	896.951	1011.557	1056.280
59.0	670.693	738.854	882.943	998.527	1042.937
59.5	656.098	724.377	868.779	985.419	1029.575
60.0	641.856	710.271	854.927	972.526	1016.389
60.5	627.613	695.950	841.115	959.458	1003.066
61.0	613.312	681.453	827.009	946.232	989.254
61.5	599.206	667.445	813.158	933.007	975.931
62.0	585.140	653.340	799.385	919.665	962.177
62.5	570.838	639.117	785.592	906.146	948.658
63.0	557.222	625.129	772.113	893.116	935.042
63.5	543.449	611.199	758.398	879.578	921.347
64.0	529.480	597.308	744.704	866.020	907.672
64.5	516.040	583.555	731.400	852.795	894.290
65.0	502.873	569.880	718.194	839.296	880.595
65.5	489.061	556.028	704.715	825.679	866.842
66.0	475.796	542.549	691.372	812.415	852.912
66.5	462.865	529.069	678.186	799.131	839.120
67.0	449.581	515.511	664.746	785.769	824.955
67.5	436.571	502.227	651.501	772.426	811.026
68.0	423.776	489.315	638.412	759.025	796.353
68.5	410.844	475.992	625.207	745.506	781.738
69.0	398.127	463.060	612.001	731.811	767.867
69.5	385.783	450.285	598.815	717.960	753.468
70.0	373.242	437.353	585.511	704.069	738.091
70.5	360.975	424.597	572.658	690.668	723.398
71.0	348.709	412.311	559.804	676.777	708.804
71.5	336.657	399.693	546.833	662.359	694.033
72.0	324.665	387.485	534.312	648.468	678.362
72.5	313.102	375.414	521.713	634.734	662.633
73.0	301.266	363.284	509.173	620.335	647.138
73.5	289.547	351.585	496.573	605.780	632.074
74.0	278.259	339.533	483.955	590.794	615.699
74.5	266.990	328.108	471.434	576.786	598.795
75.0	255.917	316.839	459.089	562.191	582.596
75.5	244.922	305.590	446.607	546.931	566.965
76.0	233.966	294.556	434.184	531.534	549.572
76.5	223.460	283.698	422.015	517.057	531.867
77.0	213.013	272.957	409.651	501.680	515.277
77.5	202.390	262.197	396.993	485.187	499.097
78.0	192.353	251.710	384.863	470.084	480.961
78.5	182.415	241.165	372.518	454.863	462.669
79.0	172.496	230.797	359.802	437.921	446.235
79.5	162.518	220.741	347.789	421.663	429.391
80.0	152.971	210.880	335.425	406.873	410.648
80.5	143.345	201.098	322.571	390.087	393.765
81.0	134.248	191.708	310.461	373.438	378.642
81.5	125.170	182.258	297.960	358.960	361.660
82.0	116.328	172.809	285.087	343.270	344.796
82.5	107.563	163.653	272.781	326.895	330.553

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CANDELA TABULATION - (Cont.)

83.0	99.053	154.575	260.103	312.926	315.176
83.5	90.484	145.517	247.974	297.999	299.251
84.0	82.345	136.713	235.844	282.622	285.889
84.5	74.030	128.144	223.832	269.259	271.529
85.0	66.146	119.340	212.015	254.625	256.719
85.5	58.144	110.967	199.905	240.774	244.237
86.0	50.729	102.672	188.538	228.390	230.797
86.5	43.060	94.435	176.193	214.382	217.786
87.0	35.626	86.571	165.179	202.194	206.028
87.5	28.524	78.843	153.323	189.966	193.605
88.0	21.070	71.096	142.524	177.661	182.004
88.5	14.321	63.622	131.470	166.490	170.755
89.0	8.041	56.344	121.003	154.790	159.447
89.5	2.348	48.871	110.615	144.069	148.960
90.0	0.137	41.887	100.442	133.407	138.454
90.5	0.235	35.000	90.660	123.312	128.672
91.0	0.098	28.250	81.073	112.982	118.597
91.5	0.196	21.696	71.839	103.396	109.148
92.0	0.078	15.612	63.055	93.927	99.913
92.5	0.137	9.723	54.447	84.536	90.933
93.0	0.078	4.402	46.073	75.693	82.012
93.5	0.293	0.959	38.111	67.026	73.463
94.0	0.235	0.587	30.402	58.770	65.422
94.5	0.215	0.509	23.027	50.553	57.362
95.0	0.117	0.391	16.101	42.669	49.556
95.5	0.411	0.274	9.391	34.961	41.965
96.0	0.137	0.352	3.756	27.644	34.804
96.5	0.352	0.411	0.939	20.464	27.742
97.0	0.157	0.293	0.724	13.910	20.894
97.5	0.235	0.372	0.646	7.728	14.732
98.0	0.391	0.430	0.626	2.974	8.823
98.5	0.411	0.313	0.411	1.076	3.874
99.0	0.411	0.333	0.509	0.685	1.448
99.5	0.372	0.470	0.489	0.743	0.528
100.0	0.509	0.430	0.528	0.743	0.724
100.5	0.352	0.567	0.567	0.783	0.685
101.0	0.528	0.548	0.372	0.763	0.470
101.5	0.587	0.646	0.646	0.822	0.665
102.0	0.509	0.665	0.548	0.704	0.704
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-LED48DMVWH30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	697.10	N.A.	12.30
0-30	1478.64	N.A.	26.10
0-40	2416.4	N.A.	42.70
0-60	4259.69	N.A.	75.30
0-80	5421.67	N.A.	95.80
0-90	5629.08	N.A.	99.40
10-90	5448.63	N.A.	96.30
20-40	1719.29	N.A.	30.40
20-50	2685.88	N.A.	47.50
40-70	2541.51	N.A.	44.90
60-80	1161.97	N.A.	20.50
70-80	463.76	N.A.	8.20
80-90	207.42	N.A.	3.70
90-110	31.17	N.A.	0.60
90-120	31.17	N.A.	0.60
90-130	31.17	N.A.	0.60
90-150	31.17	N.A.	0.60
90-180	31.17	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	5660.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	180.46
10-20	516.65
20-30	781.54
30-40	937.75
40-50	966.59
50-60	876.71
60-70	698.21
70-80	463.76
80-90	207.42
90-100	31.03
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

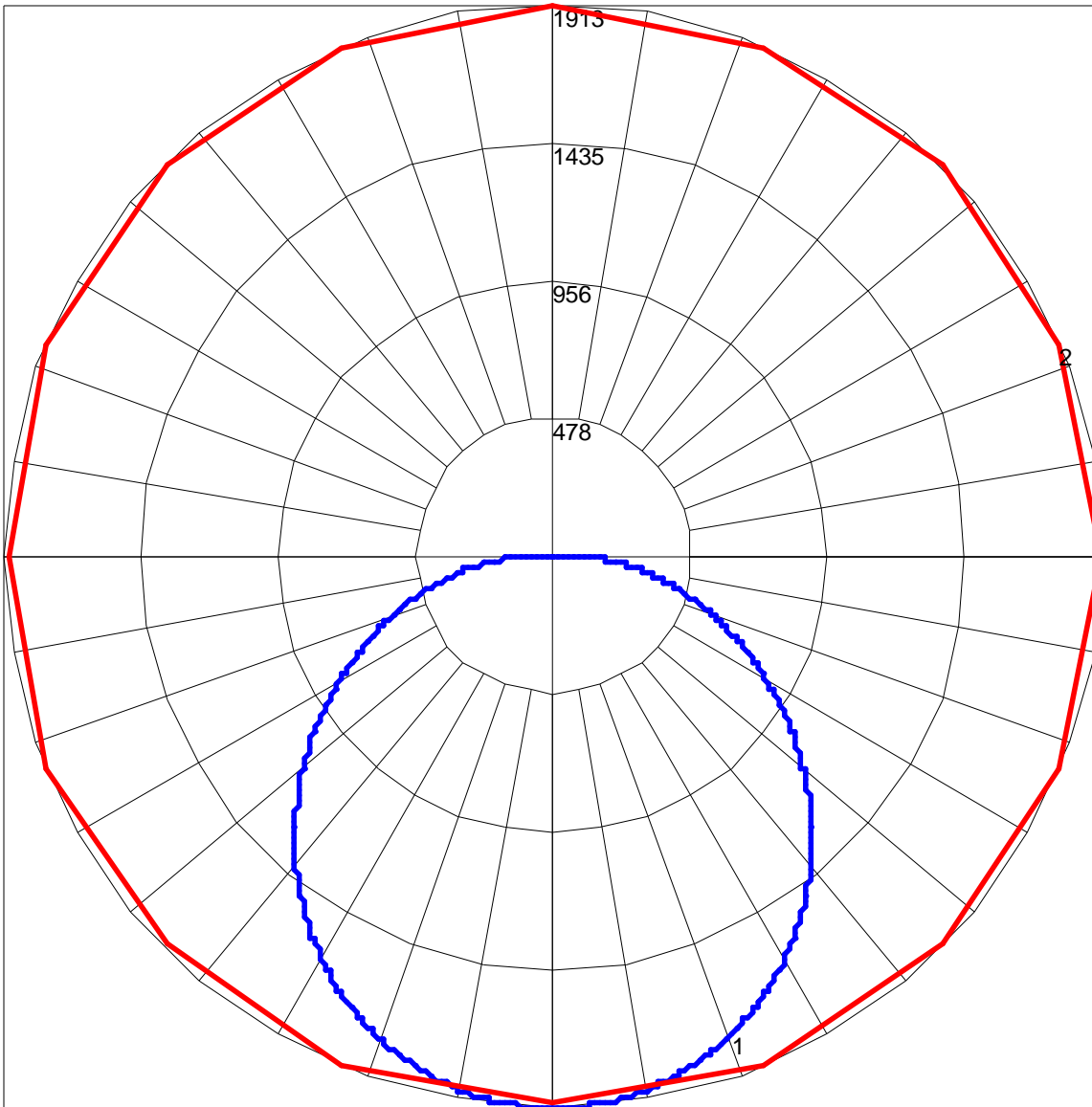
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 1912.87 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.)