



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : LPLIA48-LED48DMVWH50.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-LED48DMVWH50  
 [LUMINAIRE] Catalog Number: LPLIA48-LED48DMVWH50  
 [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 M10CC850D32N2S LED boards with 32 white LEDs each.  
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 637mA.  
 [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  
 [ISSUEDATE] Monday, March 6, 2017 9:25:04 AM

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6106
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
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	7260	8222	8957
55	6423	7872	8995
65	5538	7576	9183
75	4566	7613	9478
85	3377	8841	10196

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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	2057.479	2057.479	2057.479	2057.479	2057.479
0.5	2052.752	2053.554	2063.346	2061.278	2050.304
1.0	2052.372	2053.301	2063.240	2061.088	2050.325
1.5	2051.613	2052.942	2062.692	2060.645	2050.389
2.0	2050.980	2052.098	2062.059	2060.180	2050.178
2.5	2049.882	2051.148	2061.046	2059.379	2049.502
3.0	2048.743	2049.882	2059.948	2058.640	2048.658
3.5	2046.780	2048.679	2058.809	2057.585	2047.772
4.0	2045.240	2046.991	2057.437	2056.361	2047.012
4.5	2043.171	2045.176	2055.496	2055.137	2046.274
5.0	2041.019	2043.256	2053.828	2053.723	2045.007
5.5	2038.508	2040.829	2051.824	2052.077	2043.298
6.0	2035.828	2038.233	2049.756	2050.389	2041.842
6.5	2032.747	2035.743	2047.476	2048.257	2040.365
7.0	2029.581	2032.831	2044.839	2046.231	2038.803
7.5	2026.226	2029.687	2042.116	2043.973	2036.524
8.0	2022.765	2026.352	2039.310	2041.652	2034.688
8.5	2018.692	2022.807	2036.229	2039.141	2032.599
9.0	2014.725	2019.135	2033.042	2036.503	2030.425
9.5	2010.040	2015.062	2029.433	2033.759	2027.977
10.0	2005.334	2010.694	2025.930	2030.636	2025.360
10.5	2000.839	2006.473	2021.984	2027.407	2022.702
11.0	1995.816	2001.873	2018.207	2024.200	2020.000
11.5	1990.414	1996.871	2013.965	2020.971	2017.130
12.0	1984.864	1991.933	2009.702	2017.278	2013.838
12.5	1979.272	1986.826	2005.228	2013.733	2010.567
13.0	1973.468	1981.129	2000.332	2009.765	2007.317
13.5	1967.116	1975.684	1995.605	2005.988	2003.519
14.0	1960.891	1969.627	1990.604	2001.535	1999.995
14.5	1954.539	1963.254	1985.244	1996.998	1996.259
15.0	1947.469	1957.261	1979.968	1992.714	1992.588
15.5	1940.421	1950.487	1974.481	1988.114	1988.346
16.0	1933.056	1943.882	1968.593	1983.302	1984.041
16.5	1925.733	1936.707	1962.748	1978.216	1979.630
17.0	1917.672	1929.785	1956.776	1973.384	1975.093
17.5	1909.927	1922.188	1950.276	1968.045	1970.704
18.0	1901.866	1914.823	1944.093	1962.748	1965.850
18.5	1893.678	1906.888	1937.361	1957.134	1960.870
19.0	1884.899	1898.869	1930.502	1951.437	1955.721
19.5	1876.289	1890.597	1923.728	1945.697	1950.614
20.0	1867.046	1882.156	1916.638	1939.767	1945.190
20.5	1857.739	1873.461	1908.935	1933.499	1939.408
21.0	1848.538	1864.788	1901.655	1926.978	1934.132
21.5	1838.810	1855.713	1893.868	1920.795	1928.202
22.0	1829.145	1846.238	1886.271	1914.105	1922.589
22.5	1819.205	1837.037	1878.357	1907.374	1916.490
23.0	1808.886	1827.393	1870.211	1900.536	1910.159
23.5	1798.250	1817.559	1861.897	1893.256	1903.786
24.0	1787.656	1807.493	1853.519	1886.397	1897.561
24.5	1776.746	1797.385	1845.014	1878.948	1890.766
25.0	1765.350	1786.664	1835.877	1871.330	1883.759
25.5	1754.314	1776.197	1826.950	1863.754	1876.985
26.0	1742.876	1765.498	1817.897	1855.924	1869.916
26.5	1731.037	1754.440	1808.401	1848.074	1862.614

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**CANDELA TABULATION - (Cont.)**

27.0	1719.135	1743.171	1799.073	1839.907	1855.460
27.5	1707.127	1731.965	1789.429	1831.867	1847.821
28.0	1694.676	1720.232	1779.574	1823.236	1840.224
28.5	1682.395	1708.626	1769.782	1814.731	1832.542
29.0	1669.691	1696.787	1759.821	1806.248	1824.819
29.5	1656.712	1684.505	1749.354	1797.490	1816.589
30.0	1643.586	1672.371	1739.183	1788.437	1808.443
30.5	1630.439	1659.983	1728.631	1779.110	1800.297
31.0	1616.996	1647.216	1717.826	1770.035	1791.497
31.5	1603.258	1634.406	1706.916	1760.750	1782.887
32.0	1589.478	1621.618	1696.196	1751.233	1774.045
32.5	1575.487	1608.302	1684.885	1741.441	1764.928
33.0	1561.390	1595.091	1673.806	1731.818	1756.213
33.5	1547.145	1581.860	1662.558	1721.878	1746.759
34.0	1532.605	1568.122	1650.824	1711.664	1737.537
34.5	1518.044	1554.510	1639.366	1701.451	1727.766
35.0	1503.272	1540.646	1627.717	1691.110	1718.396
35.5	1488.184	1526.549	1615.414	1680.474	1708.478
36.0	1473.032	1512.304	1603.364	1669.817	1698.792
36.5	1457.901	1498.208	1591.462	1659.245	1689.000
37.0	1442.285	1483.752	1579.243	1648.313	1678.385
37.5	1426.964	1469.254	1566.940	1637.340	1668.044
38.0	1411.369	1454.693	1554.320	1626.197	1657.683
38.5	1395.352	1439.837	1541.659	1614.886	1646.920
39.0	1380.010	1425.233	1529.081	1603.596	1636.327
39.5	1363.739	1410.292	1516.187	1591.968	1625.353
40.0	1347.448	1394.866	1502.998	1580.087	1614.401
40.5	1331.325	1380.031	1489.935	1568.586	1603.300
41.0	1315.223	1364.942	1476.851	1556.705	1592.074
41.5	1298.742	1349.389	1463.388	1544.529	1580.488
42.0	1282.408	1334.026	1450.093	1532.584	1569.240
42.5	1266.159	1318.769	1436.629	1520.471	1557.591
43.0	1249.361	1302.963	1422.933	1508.316	1545.858
43.5	1232.964	1287.621	1409.364	1495.865	1534.146
44.0	1216.293	1272.068	1395.541	1483.414	1522.054
44.5	1199.516	1256.241	1381.128	1470.563	1510.004
45.0	1182.992	1240.561	1367.390	1457.985	1497.807
45.5	1166.489	1224.649	1353.568	1445.366	1485.588
46.0	1149.459	1208.949	1339.260	1432.240	1473.158
46.5	1132.767	1193.100	1324.994	1419.472	1460.686
47.0	1115.990	1177.336	1310.750	1406.473	1448.088
47.5	1099.086	1161.214	1296.189	1393.262	1435.384
48.0	1082.394	1145.408	1281.817	1380.010	1422.828
48.5	1065.744	1129.538	1267.404	1366.905	1409.680
49.0	1048.946	1113.394	1252.463	1353.420	1396.850
49.5	1032.359	1097.609	1237.986	1340.273	1383.998
50.0	1015.645	1081.761	1223.320	1326.767	1370.809
50.5	998.868	1065.680	1208.421	1312.986	1357.429
51.0	982.514	1049.832	1193.607	1299.396	1344.261
51.5	965.821	1034.068	1178.666	1285.975	1331.156
52.0	949.297	1017.840	1163.746	1272.026	1317.629
52.5	932.795	1002.076	1148.742	1258.414	1304.271
53.0	916.313	986.059	1133.843	1244.549	1290.512
53.5	899.684	969.957	1118.565	1230.600	1276.964
54.0	883.456	954.425	1103.624	1216.841	1263.458
54.5	866.996	938.577	1088.598	1202.955	1249.867

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**CANDELA TABULATION - (Cont.)**

55.0	850.831	922.328	1073.362	1188.922	1236.024
55.5	834.814	906.817	1058.442	1174.952	1222.244
56.0	818.944	891.159	1043.311	1161.129	1208.695
56.5	802.357	875.268	1027.990	1146.948	1194.430
57.0	786.614	859.441	1012.839	1132.999	1180.966
57.5	770.808	843.930	997.898	1119.198	1166.869
58.0	754.643	828.124	982.682	1105.016	1152.941
58.5	739.111	812.655	967.509	1091.131	1139.372
59.0	723.453	796.976	952.400	1077.076	1124.980
59.5	707.710	781.360	937.121	1062.937	1110.567
60.0	692.347	766.144	922.180	1049.030	1096.343
60.5	676.984	750.697	907.281	1034.933	1081.972
61.0	661.558	735.060	892.066	1020.668	1067.073
61.5	646.343	719.950	877.125	1006.402	1052.702
62.0	631.170	704.735	862.269	992.010	1037.867
62.5	615.743	689.393	847.391	977.428	1023.285
63.0	601.056	674.304	832.851	963.373	1008.597
63.5	586.199	659.279	818.058	948.770	993.825
64.0	571.132	644.296	803.286	934.145	979.074
64.5	556.634	629.460	788.936	919.880	964.639
65.0	542.432	614.709	774.691	905.319	949.867
65.5	527.533	599.768	760.151	890.631	935.032
66.0	513.225	585.228	745.759	876.323	920.006
66.5	499.276	570.688	731.536	861.994	905.129
67.0	484.947	556.064	717.038	847.581	889.850
67.5	470.913	541.735	702.751	833.189	874.825
68.0	457.112	527.807	688.633	818.733	858.998
68.5	443.163	513.436	674.389	804.151	843.234
69.0	429.446	499.487	660.144	789.379	828.272
69.5	416.130	485.707	645.921	774.438	812.740
70.0	402.603	471.758	631.571	759.455	796.153
70.5	389.371	457.998	617.706	744.999	780.305
71.0	376.140	444.746	603.841	730.016	764.562
71.5	363.140	431.134	589.850	714.463	748.629
72.0	350.204	417.966	576.344	699.480	731.725
72.5	337.732	404.945	562.754	684.666	714.759
73.0	324.965	391.862	549.227	669.134	698.045
73.5	312.324	379.242	535.636	653.433	681.796
74.0	300.148	366.243	522.025	637.268	664.133
74.5	287.993	353.918	508.519	622.159	645.900
75.0	276.048	341.763	495.203	606.416	628.426
75.5	264.188	329.629	481.739	589.955	611.565
76.0	252.371	317.727	468.339	573.347	592.804
76.5	241.038	306.015	455.213	557.731	573.706
77.0	229.769	294.429	441.876	541.144	555.811
77.5	218.311	282.822	428.222	523.354	538.359
78.0	207.485	271.511	415.138	507.063	518.796
78.5	196.764	260.137	401.822	490.645	499.065
79.0	186.065	248.952	388.105	472.370	481.338
79.5	175.303	238.105	375.148	454.833	463.169
80.0	165.004	227.469	361.811	438.879	442.952
80.5	154.622	216.918	347.946	420.773	424.740
81.0	144.809	206.788	334.884	402.814	408.427
81.5	135.017	196.596	321.399	387.198	390.110
82.0	125.478	186.403	307.513	370.273	371.919
82.5	116.024	176.527	294.239	352.610	356.556

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**CANDELA TABULATION - (Cont.)**

83.0	106.844	166.735	280.564	337.542	339.969
83.5	97.601	156.964	267.481	321.441	322.791
84.0	88.823	147.468	254.397	304.854	308.378
84.5	79.854	138.225	241.439	290.441	292.889
85.0	71.349	128.728	228.693	274.656	276.914
85.5	62.718	119.696	215.630	259.715	263.450
86.0	54.720	110.749	203.370	246.356	248.952
86.5	46.448	101.864	190.054	231.247	234.919
87.0	38.429	93.381	178.173	218.100	222.236
87.5	30.768	85.045	165.384	204.910	208.835
88.0	22.728	76.688	153.735	191.636	196.321
88.5	15.447	68.627	141.812	179.587	184.187
89.0	8.673	60.777	130.522	166.967	171.989
89.5	2.532	52.715	119.316	155.402	160.678
90.0	0.148	45.182	108.343	143.901	149.346
90.5	0.253	37.753	97.791	133.012	138.794
91.0	0.106	30.473	87.451	121.870	127.926
91.5	0.211	23.403	77.490	111.529	117.734
92.0	0.084	16.840	68.015	101.316	107.773
92.5	0.148	10.488	58.730	91.186	98.087
93.0	0.084	4.748	49.698	81.648	88.464
93.5	0.317	1.034	41.109	72.299	79.242
94.0	0.253	0.633	32.794	63.393	70.568
94.5	0.232	0.549	24.838	54.530	61.874
95.0	0.127	0.422	17.368	46.026	53.454
95.5	0.443	0.295	10.129	37.711	45.266
96.0	0.148	0.380	4.052	29.819	37.542
96.5	0.380	0.443	1.013	22.074	29.924
97.0	0.169	0.317	0.781	15.004	22.538
97.5	0.253	0.401	0.696	8.336	15.891
98.0	0.422	0.464	0.675	3.208	9.517
98.5	0.443	0.338	0.443	1.161	4.178
99.0	0.443	0.359	0.549	0.739	1.562
99.5	0.401	0.506	0.528	0.802	0.570
100.0	0.549	0.464	0.570	0.802	0.781
100.5	0.380	0.612	0.612	0.844	0.739
101.0	0.570	0.591	0.401	0.823	0.506
101.5	0.633	0.696	0.696	0.886	0.718
102.0	0.549	0.718	0.591	0.760	0.760
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-LED48DMVWH50.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-LED48DMVWH50.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-LED48DMVWH50.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	751.94	N.A.	12.30
0-30	1594.96	N.A.	26.10
0-40	2606.48	N.A.	42.70
0-60	4594.78	N.A.	75.30
0-80	5848.16	N.A.	95.80
0-90	6071.9	N.A.	99.40
10-90	5877.25	N.A.	96.30
20-40	1854.54	N.A.	30.40
20-50	2897.16	N.A.	47.50
40-70	2741.44	N.A.	44.90
60-80	1253.38	N.A.	20.50
70-80	500.24	N.A.	8.20
80-90	223.73	N.A.	3.70
90-110	33.63	N.A.	0.60
90-120	33.63	N.A.	0.60
90-130	33.63	N.A.	0.60
90-150	33.63	N.A.	0.60
90-180	33.63	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	6105.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	194.65
10-20	557.29
20-30	843.02
30-40	1011.52
40-50	1042.62
50-60	945.68
60-70	753.14
70-80	500.24
80-90	223.73
90-100	33.47
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

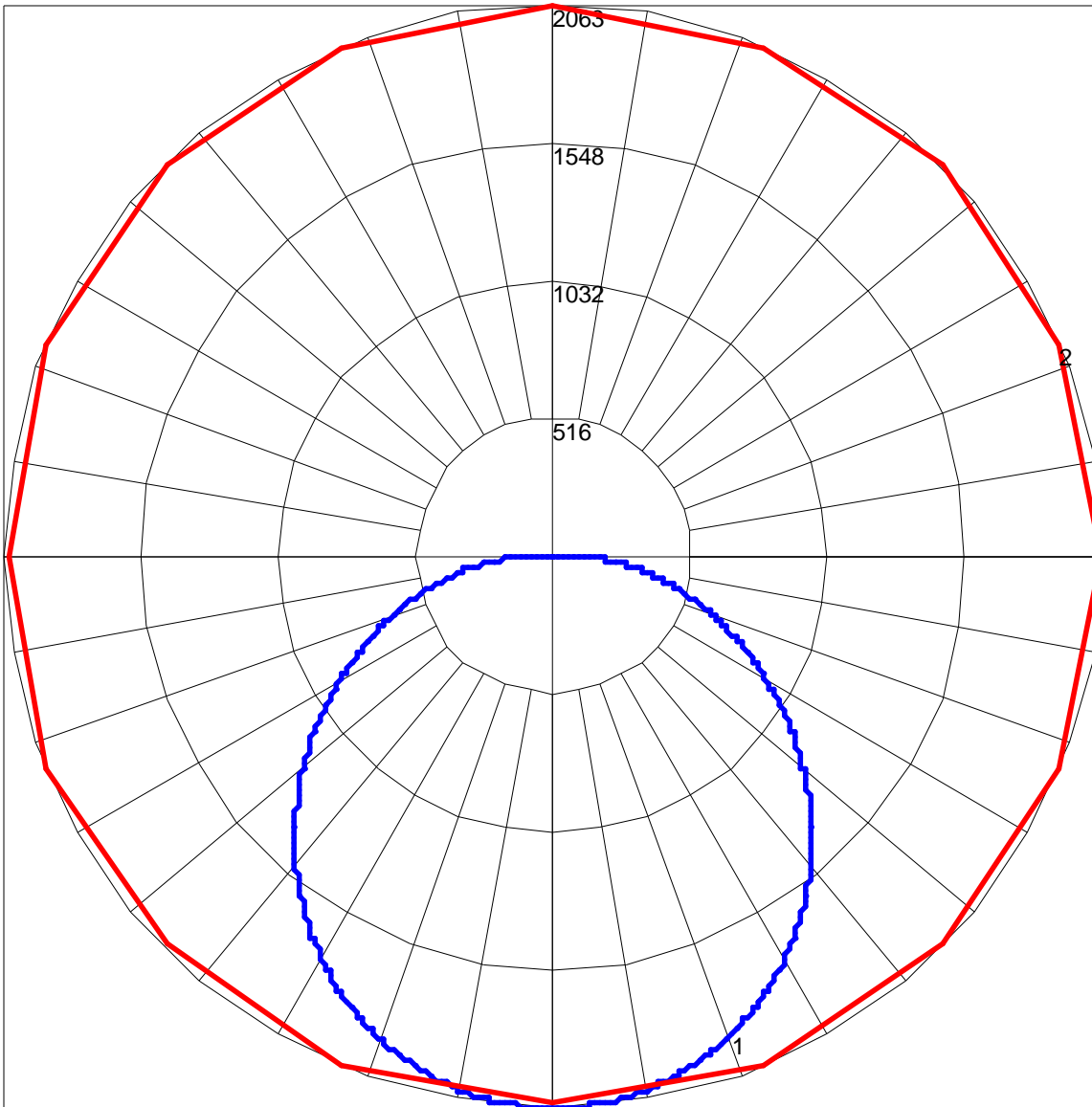
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LPLIA48-LED48DMVWH50.IES**

**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 = 2063.346 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.)