



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.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] LPLINFR48LFD60WLxx00DMV30KWH/LPLIA48-LED60DMVWH30
 [LUMINAIRE] Catalog Number: LPLINFR48LFD60WLxx00DMV30KWH/LPLIA48-LED60DMVWH30
 [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 M10CC830D32N2S 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 created by LightLab/LSA Report program version 3.808a.
 [DATE] This file created: Monday, March 6, 2017 10:03:08 AM
 [ISSUEDATE] Monday, March 6, 2017 10:03:08 AM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6592
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	7833	8867	9661
55	6932	8489	9700
65	5978	8170	9911
75	4926	8219	10313
85	3632	9654	11236

IES INDOOR REPORT**PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2219.08	2219.08	2219.08	2219.08	2219.08
0.5	2214.25	2214.74	2225.28	2223.01	2211.96
1.0	2214.07	2214.38	2224.84	2222.72	2211.94
1.5	2213.22	2213.86	2224.32	2222.35	2211.53
2.0	2212.43	2213.15	2223.57	2221.87	2211.04
2.5	2211.27	2212.09	2222.72	2221.08	2210.50
3.0	2209.89	2210.89	2221.53	2220.21	2209.88
3.5	2208.18	2209.29	2220.23	2218.97	2209.18
4.0	2206.29	2207.65	2218.69	2217.73	2208.10
4.5	2204.24	2205.75	2217.15	2216.50	2206.82
5.0	2201.79	2203.48	2215.16	2214.81	2205.64
5.5	2198.97	2201.03	2212.96	2213.09	2204.06
6.0	2196.30	2198.40	2210.63	2211.16	2202.51
6.5	2192.91	2195.49	2208.08	2209.12	2200.83
7.0	2189.43	2192.33	2205.31	2206.93	2198.92
7.5	2185.86	2189.02	2202.53	2204.44	2196.81
8.0	2181.94	2185.40	2199.43	2201.93	2194.70
8.5	2177.78	2181.55	2196.06	2199.26	2192.45
9.0	2173.36	2177.49	2192.58	2196.30	2189.95
9.5	2168.68	2173.30	2188.77	2193.32	2187.26
10.0	2163.70	2168.60	2184.90	2190.10	2184.42
10.5	2158.61	2164.06	2180.78	2186.73	2181.54
11.0	2153.05	2158.95	2176.58	2183.23	2178.64
11.5	2147.55	2153.66	2172.06	2179.49	2175.35
12.0	2141.54	2148.15	2167.37	2175.66	2171.98
12.5	2135.37	2142.50	2162.43	2171.68	2168.51
13.0	2128.99	2136.51	2157.34	2167.50	2164.74
13.5	2122.38	2130.35	2152.12	2163.20	2160.99
14.0	2115.40	2124.06	2146.77	2158.68	2157.10
14.5	2108.26	2117.42	2140.91	2153.98	2152.90
15.0	2100.96	2110.58	2135.27	2149.23	2148.64
15.5	2093.45	2103.48	2129.31	2144.19	2144.37
16.0	2085.52	2096.07	2123.01	2138.88	2139.72
16.5	2077.43	2088.64	2116.63	2133.76	2135.06
17.0	2069.22	2080.93	2110.10	2128.19	2130.26
17.5	2060.63	2073.03	2103.33	2122.51	2125.24
18.0	2051.83	2064.76	2096.39	2116.73	2120.09
18.5	2042.94	2056.37	2089.32	2110.87	2114.73
19.0	2033.56	2047.56	2081.89	2104.58	2109.24
19.5	2023.96	2038.80	2074.36	2098.33	2103.65
20.0	2014.34	2029.64	2066.69	2091.91	2097.93
20.5	2004.15	2020.33	2058.73	2085.18	2091.86
21.0	1994.20	2010.83	2050.70	2078.54	2085.91
21.5	1983.88	2001.12	2042.56	2071.52	2079.65
22.0	1973.09	1991.10	2034.10	2064.37	2073.19
22.5	1962.28	1980.91	2025.46	2057.15	2066.52
23.0	1951.28	1970.55	2016.67	2049.65	2059.96
23.5	1939.91	1959.85	2007.67	2042.08	2053.13
24.0	1928.42	1949.08	1998.54	2034.35	2046.19
24.5	1916.60	1938.07	1989.18	2026.47	2039.03
25.0	1904.66	1926.77	1979.70	2018.22	2031.63
25.5	1892.44	1915.36	1970.11	2010.08	2024.25
26.0	1880.26	1903.80	1960.30	2001.74	2016.64
26.5	1867.39	1891.82	1950.22	1993.20	2008.81

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES

CANDELA TABULATION - (Cont.)

27.0	1854.68	1879.81	1940.02	1984.44	2000.91
27.5	1841.64	1867.59	1929.65	1975.58	1992.86
28.0	1828.32	1854.97	1919.00	1966.55	1984.56
28.5	1814.88	1842.37	1908.39	1957.43	1976.33
29.0	1801.25	1829.50	1897.60	1948.10	1967.86
29.5	1787.33	1816.44	1886.35	1938.52	1958.98
30.0	1773.31	1803.25	1875.29	1929.00	1950.25
30.5	1759.18	1789.85	1864.05	1919.20	1941.35
31.0	1744.43	1776.05	1852.32	1909.14	1932.21
31.5	1729.80	1762.32	1840.80	1899.07	1922.88
32.0	1715.03	1748.47	1829.06	1888.93	1913.47
32.5	1699.86	1734.23	1816.93	1878.39	1903.82
33.0	1684.60	1719.98	1804.90	1867.88	1894.01
33.5	1669.33	1705.53	1792.70	1857.17	1884.08
34.0	1653.46	1690.87	1780.07	1846.20	1873.99
34.5	1637.88	1676.15	1767.67	1835.36	1863.74
35.0	1621.94	1661.21	1755.00	1824.20	1853.42
35.5	1605.61	1645.93	1742.03	1812.68	1842.70
36.0	1589.54	1630.69	1729.04	1801.21	1832.11
36.5	1573.10	1615.49	1716.08	1789.72	1821.35
37.0	1556.23	1599.73	1702.70	1777.83	1810.24
37.5	1539.63	1584.19	1689.46	1766.03	1799.00
38.0	1522.88	1568.48	1676.02	1753.99	1787.86
38.5	1505.74	1552.51	1662.19	1741.77	1776.32
39.0	1488.76	1536.52	1648.60	1729.53	1764.86
39.5	1471.46	1520.47	1634.85	1717.13	1753.13
40.0	1453.84	1504.11	1620.68	1704.42	1741.26
40.5	1436.52	1487.94	1606.64	1691.83	1729.27
41.0	1419.13	1471.56	1592.50	1679.16	1717.20
41.5	1401.20	1455.02	1578.05	1666.00	1704.86
42.0	1383.56	1438.43	1563.68	1653.08	1692.49
42.5	1366.03	1421.91	1549.12	1639.98	1680.12
43.0	1348.05	1404.95	1534.35	1626.67	1667.37
43.5	1330.44	1388.35	1519.64	1613.29	1654.69
44.0	1312.41	1371.52	1504.83	1599.91	1641.78
44.5	1294.11	1354.41	1489.55	1586.15	1628.62
45.0	1276.41	1337.59	1474.64	1572.63	1615.61
45.5	1258.61	1320.79	1459.51	1558.93	1602.33
46.0	1240.32	1303.48	1444.08	1544.83	1588.86
46.5	1222.30	1286.45	1428.74	1530.94	1575.56
47.0	1204.32	1269.52	1413.47	1517.03	1562.04
47.5	1186.16	1252.23	1397.69	1502.76	1548.25
48.0	1168.09	1235.10	1382.17	1488.63	1534.47
48.5	1149.95	1217.98	1366.57	1474.35	1520.61
49.0	1131.84	1200.69	1350.66	1459.72	1506.60
49.5	1113.98	1183.65	1334.94	1445.49	1492.63
50.0	1096.01	1166.51	1319.07	1430.99	1478.55
50.5	1077.85	1148.99	1303.01	1416.28	1464.26
51.0	1060.04	1132.01	1287.11	1401.64	1449.98
51.5	1042.33	1115.07	1271.21	1387.06	1435.71
52.0	1024.15	1097.71	1254.91	1372.14	1421.12
52.5	1006.49	1080.59	1238.85	1357.32	1406.61
53.0	988.70	1063.46	1222.86	1342.39	1392.01
53.5	970.84	1046.20	1206.41	1327.31	1377.38
54.0	953.38	1029.23	1190.32	1312.52	1362.80
54.5	935.87	1012.20	1174.10	1297.62	1348.10

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55.0	918.20	994.88	1157.48	1282.33	1333.04
55.5	900.98	978.03	1141.52	1267.55	1318.46
56.0	883.68	961.18	1125.34	1252.47	1303.57
56.5	866.04	943.88	1108.83	1237.22	1288.61
57.0	848.94	927.08	1092.51	1222.13	1273.84
57.5	831.79	910.23	1076.24	1207.12	1258.83
58.0	814.52	893.27	1059.73	1191.89	1243.51
58.5	797.86	876.57	1043.46	1176.84	1228.43
59.0	780.89	859.84	1027.26	1161.72	1213.19
59.5	763.97	842.98	1010.88	1146.44	1197.56
60.0	747.30	826.48	994.76	1131.33	1182.38
60.5	730.80	809.98	978.62	1116.14	1166.91
61.0	714.04	793.13	962.25	1100.61	1151.23
61.5	697.78	776.70	946.18	1085.28	1135.74
62.0	681.39	760.37	930.20	1069.97	1120.21
62.5	664.86	743.95	914.01	1054.37	1104.17
63.0	648.89	727.70	898.17	1038.98	1088.40
63.5	632.93	711.47	882.41	1023.53	1072.35
64.0	616.88	695.30	866.49	1007.83	1056.55
64.5	601.20	679.35	850.88	992.32	1040.97
65.0	585.50	663.44	835.39	976.82	1025.12
65.5	569.56	647.35	819.55	960.98	1008.83
66.0	554.21	631.55	804.13	945.46	992.80
66.5	538.86	615.97	788.76	930.08	977.05
67.0	523.53	600.20	773.15	914.40	960.98
67.5	508.38	584.85	757.76	898.84	945.06
68.0	493.44	569.47	742.50	883.41	928.58
68.5	478.51	554.24	727.05	867.92	911.58
69.0	463.80	539.14	711.93	852.58	895.07
69.5	449.36	524.18	696.68	836.65	878.79
70.0	434.59	509.14	681.23	820.41	861.88
70.5	420.36	494.53	666.20	804.65	844.60
71.0	406.06	479.98	651.25	788.98	827.42
71.5	391.91	465.39	636.38	772.82	810.09
72.0	378.11	451.11	621.62	756.46	793.14
72.5	364.45	437.07	607.03	740.21	775.50
73.0	350.70	422.93	592.47	724.15	756.97
73.5	337.32	409.19	578.14	707.92	739.19
74.0	324.03	395.47	563.46	690.81	721.47
74.5	310.67	381.95	548.99	673.88	702.93
75.0	297.80	368.81	534.66	657.50	683.79
75.5	285.20	355.89	520.48	640.84	664.73
76.0	272.34	342.81	505.87	622.74	646.05
76.5	260.04	330.21	491.68	605.33	626.81
77.0	247.92	317.72	477.68	588.34	606.40
77.5	235.62	305.20	463.20	570.42	586.44
78.0	223.87	292.97	448.97	551.78	567.69
78.5	212.10	280.78	435.05	533.96	547.43
79.0	200.54	268.76	420.50	516.17	525.93
79.5	189.09	257.13	406.22	497.24	506.58
80.0	177.98	245.64	392.26	478.37	487.63
80.5	167.03	234.18	377.79	460.28	466.47
81.0	156.16	223.20	363.34	441.93	446.73
81.5	145.71	212.21	349.23	423.03	429.00
82.0	135.21	201.41	334.48	405.39	410.03
82.5	124.96	190.82	320.12	388.01	390.76

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES

CANDELA TABULATION - (Cont.)

83.0	114.93	180.36	305.92	369.59	373.16
83.5	105.07	169.88	291.30	352.28	355.85
84.0	95.51	159.70	277.78	335.62	337.96
84.5	86.02	149.74	263.73	318.02	321.22
85.0	76.73	139.71	249.72	301.78	305.16
85.5	67.77	129.95	236.05	285.94	288.89
86.0	58.83	120.40	222.22	269.67	273.41
86.5	49.97	110.93	208.64	254.71	258.62
87.0	41.39	101.78	194.91	239.77	243.59
87.5	32.99	92.84	181.93	224.79	229.68
88.0	24.67	83.96	168.55	211.22	216.30
88.5	16.67	75.15	156.12	197.13	202.37
89.0	9.12	66.68	143.49	184.26	190.04
89.5	0.00	58.08	131.43	171.21	176.94
90.0	0.00	49.89	119.46	158.74	165.15
90.5	0.00	41.77	108.10	146.88	153.60
91.0	0.00	33.85	97.01	134.83	141.83
91.5	0.00	26.40	86.21	123.61	131.06
92.0	0.00	19.22	75.76	112.77	119.96
92.5	0.00	12.39	65.67	101.76	109.65
93.0	0.00	6.05	56.03	91.57	99.37
93.5	0.00	0.00	46.84	81.54	89.51
94.0	0.00	0.00	37.81	71.73	79.98
94.5	0.00	0.00	29.39	62.43	70.61
95.0	0.00	0.00	21.25	53.13	61.65
95.5	0.00	0.00	13.34	44.12	52.72
96.0	0.00	0.00	6.56	35.60	44.24
96.5	0.00	0.00	0.00	27.49	36.00
97.0	0.00	0.00	0.00	19.47	28.17
97.5	0.00	0.00	0.00	12.14	20.67
98.0	0.00	0.00	0.00	6.26	13.59
98.5	0.00	0.00	0.00	0.00	7.61
99.0	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00

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PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES

CANDELA TABULATION - (Cont.)

111.0	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES

CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00

CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	810.97	N.A.	12.30
0-30	1720.13	N.A.	26.10
0-40	2811.02	N.A.	42.60
0-60	4955.51	N.A.	75.20
0-80	6309.72	N.A.	95.70
0-90	6554.22	N.A.	99.40
10-90	6344.29	N.A.	96.20
20-40	2000.05	N.A.	30.30
20-50	3124.51	N.A.	47.40
40-70	2957.14	N.A.	44.90
60-80	1354.2	N.A.	20.50
70-80	541.55	N.A.	8.20
80-90	244.50	N.A.	3.70
90-110	37.57	N.A.	0.60
90-120	37.57	N.A.	0.60
90-130	37.57	N.A.	0.60
90-150	37.57	N.A.	0.60
90-180	37.57	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	6591.79	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	209.94
10-20	601.04
20-30	909.15
30-40	1090.9
40-50	1124.46
50-60	1020.03
60-70	812.65
70-80	541.55
80-90	244.50
90-100	37.57
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

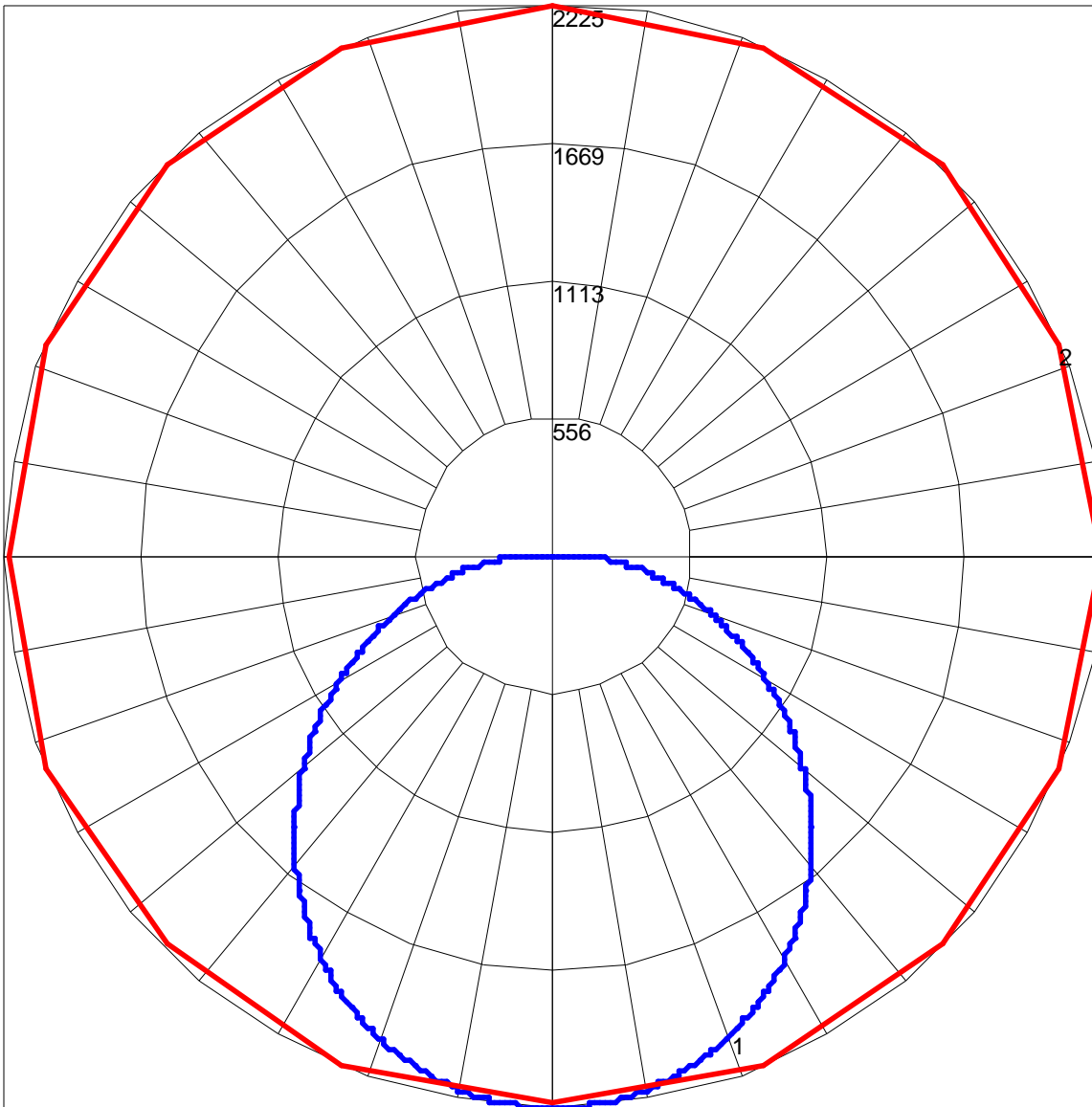
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LPLIA48-LED60DMVWH30 LLIA000708-023.IES

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 = 2225.28 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.)