



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 44-48LED57DMV30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000657-017
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] 44-48LED57DMV30
 [LUMINAIRE] Catalog Number: 44-48LED57DMV30
 [MORE] Surface/pendant mounted, white formed steel housing and LED tray.
 [MORE] 128 white LEDs, four Universal Lighting Technologies Everline
 [MORE] M10CC830D32N2S boards with 32 LED each. One Universal Lighting
 [MORE] Technologies Everline D10CC55UNVTZ-C LED driver set at 1050mA.
 [MORE] 120.0Vac, 60.0Hz, 0.4925A, 59.01W, 0.998PF, 5.07%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: Wednesday, October 12, 2016 3:15:29 PM
 [ISSUE DATE] Wednesday, October 12, 2016 3:15:29 PM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7384
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	59
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.11 m
Luminous Height	0.00 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17646	17545	17227
55	17326	17064	16662
65	16323	15743	15048
75	13762	11984	11889
85	7525	5965	5734

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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	2488.59	2488.59	2488.59	2488.59	2488.59
0.5	2468.80	2481.81	2497.39	2497.58	2485.61
1.0	2468.44	2481.67	2497.00	2497.09	2485.44
1.5	2467.92	2480.92	2496.53	2496.68	2484.91
2.0	2467.29	2480.23	2495.92	2495.96	2484.19
2.5	2466.46	2479.48	2495.12	2495.01	2483.33
3.0	2465.42	2478.44	2494.09	2493.94	2482.36
3.5	2463.96	2477.13	2492.87	2492.67	2481.17
4.0	2462.49	2475.86	2491.55	2491.11	2479.67
4.5	2460.86	2474.24	2490.06	2489.56	2478.34
5.0	2458.92	2472.50	2488.21	2487.71	2476.57
5.5	2456.74	2470.49	2486.34	2485.69	2474.38
6.0	2454.59	2468.53	2484.08	2483.42	2472.28
6.5	2452.25	2466.17	2481.75	2481.14	2470.14
7.0	2449.71	2463.77	2479.17	2478.63	2467.48
7.5	2446.60	2461.24	2476.44	2475.89	2464.83
8.0	2443.78	2458.45	2473.56	2472.90	2461.98
8.5	2440.93	2455.53	2470.27	2469.78	2458.84
9.0	2437.70	2452.34	2466.88	2466.58	2455.56
9.5	2434.25	2448.97	2463.47	2463.08	2452.31
10.0	2430.46	2445.30	2459.64	2459.38	2448.45
10.5	2426.68	2441.48	2455.83	2455.32	2444.71
11.0	2422.75	2437.56	2451.84	2451.26	2440.67
11.5	2418.60	2433.33	2447.56	2446.94	2436.30
12.0	2414.44	2429.03	2443.29	2442.47	2432.05
12.5	2410.04	2424.63	2438.80	2437.68	2427.46
13.0	2405.35	2419.79	2433.98	2432.69	2422.49
13.5	2400.57	2414.77	2429.12	2427.47	2417.58
14.0	2395.86	2409.72	2424.08	2422.20	2412.55
14.5	2390.78	2404.35	2418.81	2416.58	2406.87
15.0	2385.64	2399.19	2413.24	2410.92	2401.59
15.5	2380.05	2394.00	2407.52	2405.22	2395.92
16.0	2374.11	2388.19	2401.68	2399.08	2389.90
16.5	2368.05	2382.26	2396.01	2393.02	2383.81
17.0	2361.76	2376.14	2390.10	2386.50	2377.63
17.5	2355.11	2369.85	2383.61	2379.86	2371.06
18.0	2348.73	2363.20	2377.20	2373.07	2364.37
18.5	2341.86	2356.43	2370.57	2366.19	2357.52
19.0	2334.98	2349.26	2363.74	2359.13	2350.65
19.5	2328.29	2342.17	2356.69	2351.81	2343.42
20.0	2321.47	2334.93	2349.56	2344.25	2336.01
20.5	2314.48	2327.54	2342.08	2336.43	2328.38
21.0	2307.05	2320.24	2334.62	2328.50	2320.70
21.5	2299.78	2312.58	2326.86	2320.55	2312.54
22.0	2292.07	2304.48	2319.01	2312.30	2304.57
22.5	2283.79	2296.27	2311.06	2303.81	2296.38
23.0	2275.72	2287.78	2302.86	2295.17	2287.92
23.5	2267.54	2279.40	2294.24	2286.23	2279.21
24.0	2259.27	2270.83	2285.77	2277.32	2270.49
24.5	2250.97	2262.24	2277.13	2268.05	2261.46
25.0	2241.80	2253.26	2267.90	2258.68	2252.03
25.5	2232.70	2244.39	2258.52	2248.94	2242.76
26.0	2223.50	2235.29	2248.94	2239.32	2233.38
26.5	2214.09	2225.69	2239.39	2229.30	2223.43

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CANDELA TABULATION - (Cont.)

27.0	2204.51	2216.11	2229.85	2219.49	2213.57
27.5	2194.57	2206.36	2219.96	2209.32	2203.52
28.0	2184.39	2196.22	2209.83	2198.72	2193.21
28.5	2174.98	2186.36	2199.44	2188.16	2182.74
29.0	2164.93	2176.46	2189.04	2177.29	2172.16
29.5	2154.44	2165.94	2178.13	2166.20	2161.19
30.0	2143.91	2155.57	2167.28	2155.08	2150.40
30.5	2133.18	2144.66	2156.19	2143.77	2139.20
31.0	2122.03	2133.45	2144.55	2132.05	2127.81
31.5	2111.34	2122.25	2133.15	2120.41	2116.29
32.0	2100.11	2110.91	2121.70	2108.64	2104.67
32.5	2088.30	2099.23	2109.70	2096.44	2092.76
33.0	2076.82	2087.62	2097.77	2084.35	2080.60
33.5	2065.13	2075.53	2085.69	2072.28	2068.42
34.0	2052.87	2062.98	2073.41	2059.86	2055.91
34.5	2040.77	2050.44	2060.90	2047.41	2043.56
35.0	2028.62	2037.70	2048.31	2034.78	2030.86
35.5	2016.03	2024.90	2035.38	2021.53	2017.38
36.0	2003.52	2011.92	2022.47	2008.36	2004.44
36.5	1990.47	1998.77	2009.57	1995.05	1991.33
37.0	1976.89	1984.98	1996.04	1981.33	1977.58
37.5	1963.56	1971.41	1982.64	1967.66	1964.01
38.0	1950.20	1957.66	1968.77	1953.68	1950.07
38.5	1936.63	1943.00	1955.09	1939.36	1935.99
39.0	1922.83	1928.84	1941.30	1925.11	1922.00
39.5	1908.89	1914.29	1927.32	1910.57	1907.36
40.0	1894.07	1899.66	1912.97	1895.92	1892.60
40.5	1879.24	1885.49	1898.26	1881.23	1878.05
41.0	1864.34	1870.78	1883.70	1866.30	1863.21
41.5	1849.10	1855.38	1868.57	1851.04	1848.14
42.0	1833.98	1841.10	1853.66	1835.89	1832.92
42.5	1818.19	1826.38	1838.75	1820.46	1817.53
43.0	1802.98	1811.19	1823.44	1804.68	1801.75
43.5	1787.35	1795.88	1807.81	1788.94	1786.30
44.0	1771.30	1780.54	1791.99	1772.97	1770.24
44.5	1754.74	1764.66	1775.73	1756.44	1754.12
45.0	1738.98	1748.86	1759.82	1740.33	1738.04
45.5	1722.59	1733.52	1743.76	1723.74	1721.72
46.0	1705.95	1717.16	1727.31	1706.83	1704.91
46.5	1689.69	1701.25	1710.80	1690.25	1688.28
47.0	1673.52	1685.02	1694.02	1673.25	1671.56
47.5	1656.54	1668.44	1677.00	1655.67	1654.42
48.0	1639.17	1651.79	1660.24	1638.48	1637.10
48.5	1621.79	1635.01	1643.06	1621.02	1619.86
49.0	1604.24	1618.04	1625.11	1603.20	1601.99
49.5	1587.45	1601.23	1607.67	1585.32	1584.59
50.0	1570.08	1583.88	1589.50	1567.24	1566.76
50.5	1552.30	1566.40	1571.03	1548.90	1548.54
51.0	1534.44	1549.18	1553.14	1530.99	1530.54
51.5	1516.69	1531.79	1534.74	1512.52	1512.41
52.0	1498.42	1513.54	1515.77	1493.57	1493.62
52.5	1479.78	1495.37	1497.03	1474.84	1475.11
53.0	1462.05	1477.27	1478.27	1456.08	1456.41
53.5	1443.50	1458.68	1458.94	1436.93	1437.11
54.0	1424.51	1440.09	1439.82	1417.73	1418.17
54.5	1405.78	1421.05	1420.37	1398.38	1398.66

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PHOTOMETRIC FILENAME : 44-48LED57DMV30.IES

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55.0	1386.47	1401.56	1400.21	1378.45	1378.59
55.5	1367.72	1382.88	1380.29	1359.02	1358.54
56.0	1348.02	1363.55	1360.49	1339.30	1338.38
56.5	1328.15	1343.57	1340.06	1318.80	1317.34
57.0	1308.41	1323.49	1319.56	1298.36	1296.48
57.5	1288.33	1303.81	1299.22	1277.77	1275.05
58.0	1267.88	1283.34	1278.11	1256.61	1253.06
58.5	1247.45	1263.39	1257.13	1235.27	1230.93
59.0	1227.20	1242.88	1235.68	1213.38	1208.53
59.5	1205.94	1222.19	1214.40	1190.87	1185.68
60.0	1185.13	1201.82	1193.14	1168.44	1163.15
60.5	1164.06	1180.92	1171.34	1145.46	1140.58
61.0	1142.33	1159.36	1149.30	1121.94	1117.22
61.5	1120.56	1138.28	1127.30	1098.80	1094.30
62.0	1099.08	1116.67	1105.30	1075.70	1071.31
62.5	1076.38	1094.43	1082.57	1052.17	1047.87
63.0	1054.33	1072.41	1060.13	1028.72	1024.91
63.5	1032.18	1049.73	1036.94	1005.02	1002.02
64.0	1009.38	1026.69	1013.30	980.91	979.04
64.5	987.12	1004.15	989.69	957.40	956.63
65.0	964.11	980.92	965.32	934.02	934.05
65.5	941.66	957.32	939.88	910.42	910.92
66.0	918.67	933.74	913.83	887.20	888.22
66.5	895.83	910.29	887.40	864.14	865.45
67.0	872.77	886.34	860.34	840.64	842.36
67.5	849.92	862.84	833.66	817.28	819.29
68.0	826.96	838.95	807.01	793.58	796.22
68.5	803.68	814.86	780.10	769.47	772.91
69.0	780.70	791.05	753.26	746.05	749.66
69.5	757.21	767.01	726.38	722.10	726.38
70.0	733.60	742.67	699.36	697.82	702.66
70.5	710.10	718.76	673.84	673.93	679.48
71.0	686.55	694.80	649.19	650.02	656.00
71.5	662.68	670.10	624.41	625.73	632.25
72.0	639.32	646.03	600.76	602.00	608.91
72.5	616.24	622.14	577.13	578.45	585.69
73.0	592.43	598.10	553.40	554.71	562.16
73.5	569.26	574.42	530.55	531.48	539.07
74.0	545.73	550.56	507.76	508.28	515.64
74.5	522.42	526.52	485.58	485.31	492.57
75.0	499.75	503.10	463.97	462.95	469.81
75.5	477.08	479.28	442.44	440.71	447.37
76.0	454.13	455.05	420.85	418.54	424.50
76.5	431.51	431.32	399.70	396.96	402.40
77.0	408.94	407.38	378.66	375.82	380.64
77.5	385.96	383.43	357.59	354.78	358.79
78.0	363.57	360.18	336.83	334.22	337.52
78.5	341.29	337.30	316.07	313.86	316.80
79.0	319.53	314.49	295.53	293.62	296.00
79.5	298.27	292.96	275.45	274.04	276.33
80.0	277.42	271.67	255.66	254.92	256.64
80.5	256.55	249.85	236.41	235.75	237.10
81.0	236.35	229.21	217.64	217.55	218.53
81.5	216.68	208.87	199.54	199.78	200.53
82.0	197.23	187.83	181.77	182.21	182.81
82.5	178.66	168.69	164.62	165.32	165.93

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CANDELA TABULATION - (Cont.)

83.0	160.17	150.15	148.18	149.08	149.53
83.5	142.45	131.48	132.20	133.25	133.68
84.0	125.46	115.21	117.11	118.27	118.86
84.5	109.43	100.29	102.78	103.77	104.12
85.0	93.75	85.99	89.09	89.60	90.38
85.5	79.40	73.05	76.44	76.74	77.24
86.0	66.03	61.03	64.63	64.33	65.46
86.5	53.16	49.75	53.16	53.50	54.43
87.0	42.22	39.81	42.77	43.85	44.35
87.5	31.73	30.69	33.72	34.81	35.16
88.0	22.07	22.33	25.61	27.10	27.46
88.5	13.94	15.25	18.90	20.68	20.66
89.0	7.60	9.56	13.37	14.91	14.87
89.5	0.00	5.61	9.32	10.69	10.57
90.0	0.00	0.00	6.41	7.70	7.60
90.5	0.00	0.00	0.00	5.44	5.23
91.0	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00
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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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 : 44-48LED57DMV30.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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 44-48LED57DMV30.IES

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 : 44-48LED57DMV30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	914.70	N.A.	12.40
0-30	1955.23	N.A.	26.50
0-40	3229.94	N.A.	43.70
0-60	5818.42	N.A.	78.80
0-80	7270.41	N.A.	98.50
0-90	7383.62	N.A.	100.00
10-90	7147.87	N.A.	96.80
20-40	2315.24	N.A.	31.40
20-50	3662.45	N.A.	49.60
40-70	3532.72	N.A.	47.80
60-80	1451.99	N.A.	19.70
70-80	507.75	N.A.	6.90
80-90	113.21	N.A.	1.50
90-110	0.23	N.A.	0.00
90-120	0.23	N.A.	0.00
90-130	0.23	N.A.	0.00
90-150	0.23	N.A.	0.00
90-180	0.23	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	7383.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	235.75
10-20	678.95
20-30	1040.53
30-40	1274.71
40-50	1347.21
50-60	1241.26
60-70	944.24
70-80	507.75
80-90	113.21
90-100	0.23
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

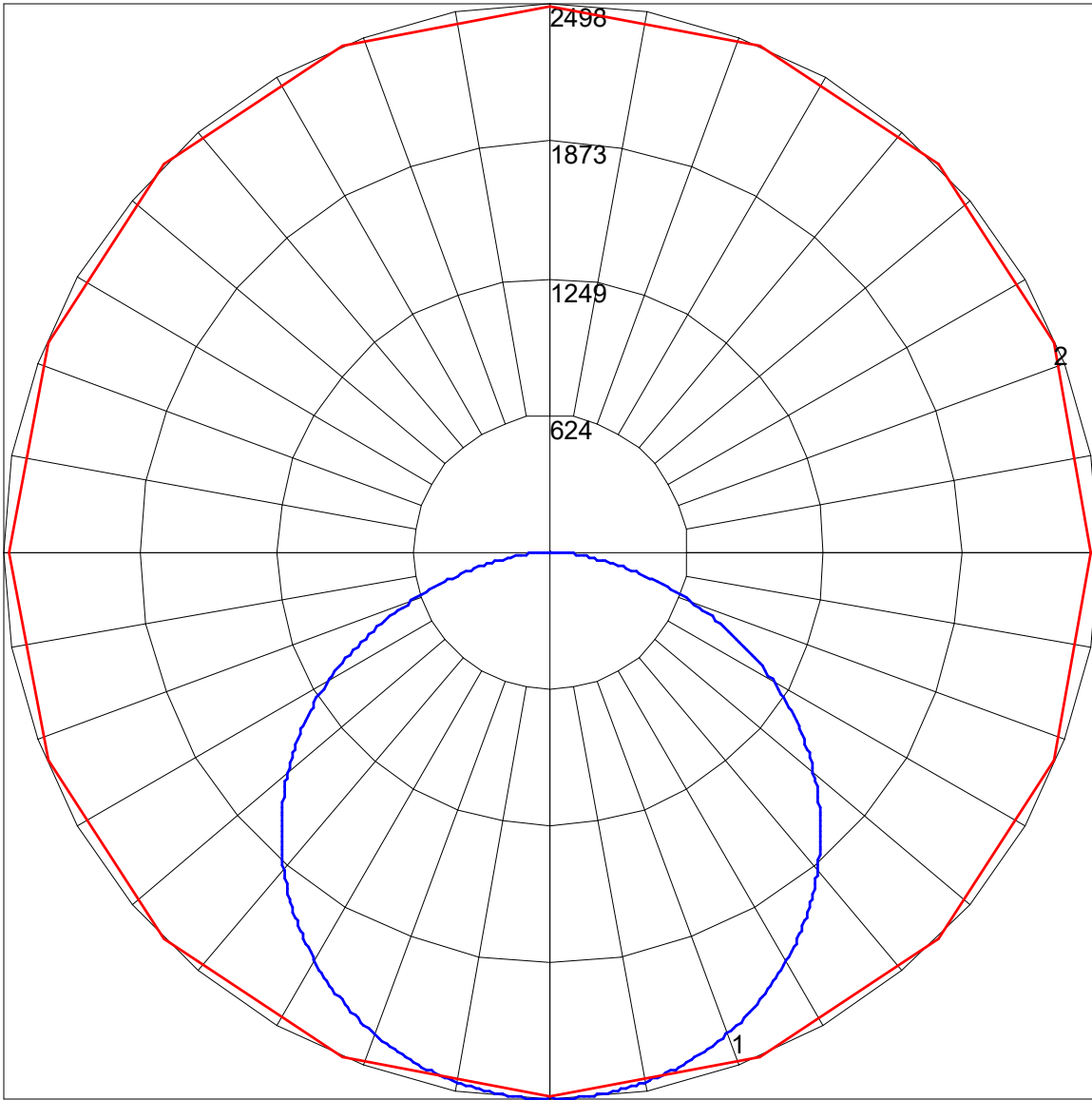
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 44-48LED57DMV30.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0	
	RW	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	100	
1	109	104	100	96	106	102	98	94	97	94	91	94	91	88	90	88	86	84	
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70	
3	90	79	71	64	87	78	70	64	75	68	63	72	66	62	69	65	61	58	
4	82	70	61	54	80	69	60	54	66	59	53	64	58	52	62	56	52	50	
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43	
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37	
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33	
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29	
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26	
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24	

POLAR GRAPH



Maximum Candela = 2497.58 Located At Horizontal Angle = 67.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)