



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 1-48LED57DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1-48LED57DMV40
 [TESTDATE] 10-Apr-2018 12:07:34
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 4/10/2018 1:16:35 PM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 7833.3
 [DRIVER TYPE] (1) OSRAM OT50W
 [BOARD/LAMP TYPE] (4) LUMA SMART "S" BOARDS
 [COLOR TEMP] 4,134 CCT
 [LUMEN/WATT] 137 LPW
 [CRI] 85.0
 [_NUMBEROFRAYS]10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7837
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	56.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.20 m
Luminous Height	0.09 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10784	8064	7546
55	10305	7193	6639
65	9860	5630	2908
75	8717	1856	859
85	3903	47	9

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CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74
3	2710.54	2708.14	2705.32	2702.42	2699.68	2696.83	2694.94	2693.42	2692.22	2691.77
6	2706.45	2701.08	2694.91	2687.66	2681.49	2676.91	2674.59	2672.38	2670.80	2669.24
9	2693.81	2687.18	2677.38	2665.45	2656.83	2653.98	2654.33	2653.84	2651.26	2647.82
12	2670.52	2663.36	2651.03	2636.22	2628.75	2627.03	2631.74	2631.09	2625.26	2620.56
15	2636.03	2625.22	2613.68	2595.68	2579.97	2580.51	2586.97	2588.30	2580.14	2579.76
18	2595.48	2584.02	2566.94	2556.42	2536.27	2529.05	2532.15	2529.94	2527.16	2529.23
21	2552.90	2538.15	2524.37	2522.36	2504.35	2490.21	2488.71	2482.37	2475.11	2475.09
24	2502.00	2487.80	2474.87	2468.38	2456.21	2443.36	2440.18	2436.82	2427.82	2421.09
27	2437.21	2429.08	2413.11	2403.70	2389.92	2380.59	2378.05	2376.57	2375.92	2368.23
30	2365.40	2363.38	2346.11	2335.24	2317.73	2307.65	2299.97	2302.43	2314.93	2309.47
33	2294.62	2293.32	2272.78	2266.55	2250.55	2242.79	2221.16	2215.32	2239.62	2237.98
36	2225.75	2214.37	2188.02	2188.42	2169.90	2177.19	2150.34	2136.55	2152.29	2155.71
39	2156.85	2127.54	2103.74	2084.22	2076.57	2096.77	2070.65	2069.43	2066.04	2066.96
42	2083.57	2032.11	2010.90	1991.39	1993.58	2003.59	1984.73	1994.21	1977.08	1976.60
45	1998.71	1933.14	1916.57	1899.53	1906.19	1908.84	1886.14	1899.08	1884.52	1888.67
48	1887.60	1835.80	1825.36	1803.17	1809.21	1806.01	1781.79	1785.30	1793.44	1803.17
51	1746.30	1739.78	1715.28	1698.44	1699.58	1690.88	1679.83	1674.62	1717.72	1711.23
54	1620.41	1625.22	1615.29	1567.75	1577.00	1575.21	1573.83	1589.84	1604.02	1573.89
57	1543.50	1506.36	1492.05	1452.84	1464.76	1469.47	1466.95	1451.13	1385.41	1433.22
60	1454.26	1392.11	1352.16	1333.06	1348.23	1360.95	1291.53	1193.39	1074.27	1078.01
63	1295.38	1258.39	1231.58	1210.12	1209.06	1175.65	1021.03	830.88	706.02	693.36
66	1119.38	1090.50	1094.97	1097.81	1041.91	892.18	641.72	549.01	536.25	537.47
69	984.30	937.88	959.37	944.58	807.00	597.57	472.99	457.60	426.57	417.38
72	859.24	807.63	802.44	761.10	543.83	369.61	355.45	348.72	363.46	321.19
75	702.38	659.30	607.21	473.67	302.19	256.54	262.43	166.16	207.29	145.37
78	520.08	482.00	379.65	260.27	187.64	119.90	82.44	16.39	17.41	2.65
81	357.65	325.91	231.56	129.37	86.93	41.67	21.99	3.80	2.90	0.00
84	191.93	176.89	85.07	28.57	12.22	2.68	0.78	0.81	0.23	0.98
87	75.26	46.74	12.52	4.14	1.30	0.59	0.32	0.65	1.17	1.61
90	14.80	7.40	1.86	0.25	0.00	0.00	0.00	0.00	0.10	0.02
93	0.09	0.17	0.13	0.11	0.05	0.03	0.00	0.00	0.00	0.10
96	0.01	0.01	0.00	0.02	0.02	0.09	0.01	0.00	0.00	0.00
99	0.01	0.00	0.03	0.02	0.01	0.14	0.01	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74
3	2691.13	2691.26	2691.78	2692.67	2694.66	2697.15	2698.59	2700.89	2702.60	2703.68
6	2667.36	2666.53	2666.97	2668.34	2672.51	2677.83	2683.04	2685.81	2688.72	2689.01
9	2645.49	2643.93	2643.67	2646.29	2652.26	2659.63	2664.50	2664.62	2665.23	2664.35
12	2620.50	2623.22	2626.53	2631.62	2641.18	2648.44	2648.82	2644.27	2641.55	2642.78
15	2584.72	2593.55	2595.96	2600.80	2610.68	2619.49	2619.77	2618.79	2625.07	2628.96
18	2541.61	2548.30	2546.29	2549.18	2560.97	2571.30	2569.53	2587.71	2605.06	2610.68
21	2489.04	2496.18	2488.89	2489.74	2508.32	2520.47	2526.22	2551.91	2569.76	2569.90
24	2433.51	2435.20	2425.00	2428.98	2442.51	2451.85	2478.14	2511.56	2522.66	2510.61
27	2379.61	2366.57	2365.81	2373.71	2375.97	2379.69	2402.70	2451.34	2468.77	2440.01
30	2319.64	2296.66	2303.90	2316.85	2315.27	2314.75	2315.18	2369.31	2404.16	2361.57
33	2239.52	2224.44	2239.15	2255.51	2260.58	2262.37	2238.63	2281.10	2326.14	2286.83
36	2149.26	2160.81	2165.40	2176.66	2185.56	2204.12	2171.12	2192.63	2245.69	2208.84
39	2064.57	2089.57	2068.48	2078.81	2079.32	2101.30	2109.84	2109.01	2171.91	2116.20
42	1973.86	1994.75	1976.55	1987.00	1980.13	1983.56	2030.22	2020.14	2093.04	2019.19
45	1877.58	1893.93	1886.58	1910.51	1897.76	1867.90	1927.24	1925.22	1996.96	1944.36
48	1789.43	1786.89	1786.44	1807.15	1808.93	1774.21	1814.15	1828.39	1890.23	1874.20
51	1714.63	1679.79	1682.22	1680.72	1690.73	1692.02	1677.49	1735.18	1781.92	1779.96
54	1599.75	1599.87	1580.51	1572.97	1562.07	1571.50	1558.35	1628.22	1670.48	1652.33
57	1401.12	1471.92	1478.53	1475.98	1453.22	1437.00	1433.47	1509.76	1551.89	1521.64
60	1182.17	1301.67	1304.25	1348.78	1343.25	1303.02	1328.44	1380.75	1422.13	1391.98
63	764.34	858.08	1033.10	1135.24	1192.17	1187.22	1236.29	1250.36	1280.16	1262.56
66	549.56	554.70	645.92	838.43	991.25	1072.39	1084.59	1111.70	1135.46	1124.07
69	446.20	461.20	463.65	529.19	720.72	898.95	921.04	959.83	995.06	975.33
72	347.58	346.11	354.97	347.79	486.62	689.33	771.99	795.42	845.69	814.99
75	175.38	170.34	251.75	276.98	303.07	451.34	602.88	627.82	674.44	646.65
78	9.77	19.29	85.06	134.45	208.01	250.87	405.23	458.30	490.57	471.02
81	0.84	2.76	18.05	44.38	82.88	107.64	221.53	271.94	296.09	267.37
84	0.14	0.81	1.41	4.62	12.02	24.41	69.93	140.93	152.24	131.02
87	1.09	0.58	0.05	0.90	2.25	2.17	9.82	37.35	52.97	27.73
90	0.08	0.00	0.00	0.28	0.00	0.00	0.65	3.54	12.56	1.22
93	0.00	0.00	0.00	0.10	0.17	0.25	0.09	0.27	2.65	0.14
96	0.00	0.00	0.01	0.03	0.02	0.19	0.01	0.35	2.00	0.01
99	0.00	0.00	0.00	0.07	0.00	0.00	0.05	0.20	0.79	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74
3	2704.14	2705.83	2705.77	2706.77	2708.21	2709.70	2711.22	2712.65	2713.86	2714.83
6	2690.28	2689.67	2688.66	2688.79	2692.33	2697.16	2702.06	2707.23	2710.62	2712.22
9	2665.82	2663.29	2661.51	2661.67	2667.40	2677.45	2687.96	2695.97	2699.89	2699.95
12	2646.05	2646.23	2643.11	2639.08	2641.75	2651.69	2662.65	2670.37	2672.62	2671.21
15	2631.89	2628.99	2620.04	2613.30	2613.80	2620.70	2623.41	2624.54	2623.06	2625.63
18	2605.00	2601.43	2587.65	2578.45	2579.46	2584.82	2583.47	2574.74	2570.26	2571.73
21	2562.20	2559.33	2543.90	2530.23	2532.46	2539.07	2541.13	2535.81	2520.02	2522.73
24	2498.90	2489.78	2481.97	2472.90	2470.18	2477.25	2490.64	2495.63	2470.21	2471.58
27	2416.53	2419.38	2419.65	2420.21	2415.52	2416.75	2432.93	2439.98	2416.79	2417.94
30	2337.89	2353.28	2361.25	2367.09	2363.04	2367.35	2374.48	2374.10	2362.00	2358.24
33	2272.96	2294.45	2303.29	2306.92	2301.62	2302.43	2308.53	2306.18	2298.80	2283.53
36	2216.09	2234.48	2226.28	2231.06	2235.80	2221.74	2228.37	2236.24	2223.71	2205.01
39	2155.01	2143.33	2125.73	2135.43	2157.20	2143.45	2139.74	2161.48	2143.49	2129.56
42	2068.29	2036.10	2039.04	2037.10	2063.89	2055.53	2044.70	2076.33	2055.99	2046.83
45	1965.00	1921.29	1967.44	1953.22	1957.86	1962.04	1952.71	1976.95	1967.31	1960.55
48	1854.01	1823.48	1880.67	1860.63	1852.52	1867.61	1858.82	1868.45	1873.43	1866.15
51	1716.56	1743.86	1759.41	1760.19	1749.78	1768.86	1756.28	1758.74	1771.87	1761.04
54	1599.75	1629.33	1627.87	1663.28	1644.98	1676.91	1639.31	1657.00	1651.56	1662.48
57	1473.94	1490.04	1516.50	1544.29	1549.81	1552.15	1532.17	1549.48	1519.90	1544.62
60	1356.66	1347.09	1392.86	1403.97	1422.88	1326.42	1334.81	1333.05	1302.00	1369.13
63	1255.42	1227.65	1248.97	1247.62	1197.21	1054.18	1039.55	906.63	969.20	1116.10
66	1106.17	1123.16	1097.91	984.50	868.40	624.52	642.72	581.11	594.91	748.92
69	948.31	960.76	844.21	677.58	511.65	494.84	472.21	458.40	470.24	484.89
72	797.75	728.87	574.25	402.62	355.49	402.52	374.26	366.42	363.12	407.52
75	623.05	460.61	315.64	278.34	280.52	259.56	152.78	136.17	150.23	203.54
78	429.02	260.31	178.25	125.89	86.00	50.90	8.94	1.46	7.90	31.41
81	211.23	106.61	67.58	29.26	14.91	12.55	0.24	0.25	0.58	12.42
84	61.05	27.61	6.85	1.67	1.30	0.43	0.37	1.96	0.49	0.25
87	6.23	1.66	1.41	0.32	0.52	0.00	1.50	1.74	1.60	0.00
90	0.58	0.25	0.06	0.55	0.00	0.00	0.07	0.02	0.07	0.00
93	0.10	0.19	0.07	0.43	0.00	0.00	0.00	0.00	0.00	0.00
96	0.02	0.20	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.00
99	0.09	0.00	0.01	0.16	0.00	0.01	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED57DMV40.IES

CANDELA TABULATION - (Cont.)

108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	300	310	320	330	340	350	360
0	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74	2708.74
3	2715.50	2715.85	2715.68	2715.09	2714.02	2712.50	2710.54
6	2712.89	2712.59	2712.69	2712.73	2711.85	2709.43	2706.45
9	2697.18	2693.36	2691.04	2690.66	2694.27	2694.49	2693.81
12	2667.43	2662.26	2659.56	2657.02	2662.19	2668.22	2670.52
15	2624.08	2621.16	2616.46	2620.05	2629.25	2634.34	2636.03
18	2578.14	2579.50	2576.87	2583.69	2590.34	2599.50	2595.48
21	2538.16	2543.40	2543.12	2543.05	2544.10	2551.78	2552.90
24	2491.38	2497.80	2498.20	2485.97	2488.03	2497.43	2502.00
27	2430.74	2428.51	2438.02	2426.78	2429.71	2446.90	2437.21
30	2358.68	2347.36	2364.40	2360.11	2367.70	2391.77	2365.40
33	2295.12	2288.04	2295.50	2291.40	2296.98	2316.42	2294.62
36	2232.71	2228.65	2216.07	2220.27	2220.39	2229.59	2225.75
39	2150.02	2150.28	2127.26	2131.92	2147.08	2151.24	2156.85
42	2063.20	2058.84	2048.69	2046.35	2057.82	2065.72	2083.57
45	1964.63	1959.67	1959.70	1948.73	1956.22	1958.00	1998.71
48	1854.52	1854.74	1861.38	1845.07	1856.24	1850.67	1887.60
51	1743.38	1750.25	1758.77	1742.24	1741.89	1766.17	1746.30
54	1630.70	1641.51	1641.83	1618.32	1643.74	1669.24	1620.41
57	1535.92	1525.26	1526.26	1504.42	1525.19	1546.61	1543.50
60	1412.85	1407.67	1399.09	1383.27	1387.00	1417.16	1454.26
63	1195.61	1254.07	1262.81	1256.00	1260.38	1279.44	1295.38
66	847.43	1020.51	1115.06	1136.09	1114.71	1116.78	1119.38
69	504.46	680.44	882.29	975.57	979.41	966.30	984.30
72	372.47	408.32	584.01	758.22	831.38	835.55	859.24
75	308.44	263.32	346.64	497.48	644.49	672.07	702.38
78	114.78	114.73	198.78	278.29	444.99	486.08	520.08

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED57DMV40.IES

CANDELA TABULATION - (Cont.)

81	27.77	39.68	84.47	135.34	264.78	317.79	357.65
84	1.03	3.33	15.47	42.79	88.90	169.38	191.93
87	0.00	1.08	1.30	3.85	16.31	45.77	75.26
90	0.00	0.00	0.00	0.00	1.84	4.10	14.80
93	0.00	0.12	0.02	0.07	0.20	0.33	0.09
96	0.00	0.06	0.01	0.04	0.02	0.02	0.01
99	0.01	0.17	0.01	0.03	0.07	0.01	0.01
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED57DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	811.35	N.A.	10.40
0-30	2124.44	N.A.	27.10
0-40	3370.68	N.A.	43.00
0-60	6412.48	N.A.	81.80
0-80	7751.48	N.A.	98.90
0-90	7836.26	N.A.	100.00
10-90	7628.26	N.A.	97.30
20-40	2559.33	N.A.	32.70
20-50	3899.64	N.A.	49.80
40-70	3944.76	N.A.	50.30
60-80	1339.00	N.A.	17.10
70-80	436.04	N.A.	5.60
80-90	84.78	N.A.	1.10
90-110	0.33	N.A.	0.00
90-120	0.33	N.A.	0.00
90-130	0.33	N.A.	0.00
90-150	0.33	N.A.	0.00
90-180	0.33	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	7836.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	208.00
10-20	603.35
20-30	1313.09
30-40	1246.25
40-50	1340.31
50-60	1701.49
60-70	902.96
70-80	436.04
80-90	84.78
90-100	0.32
100-110	0.01
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

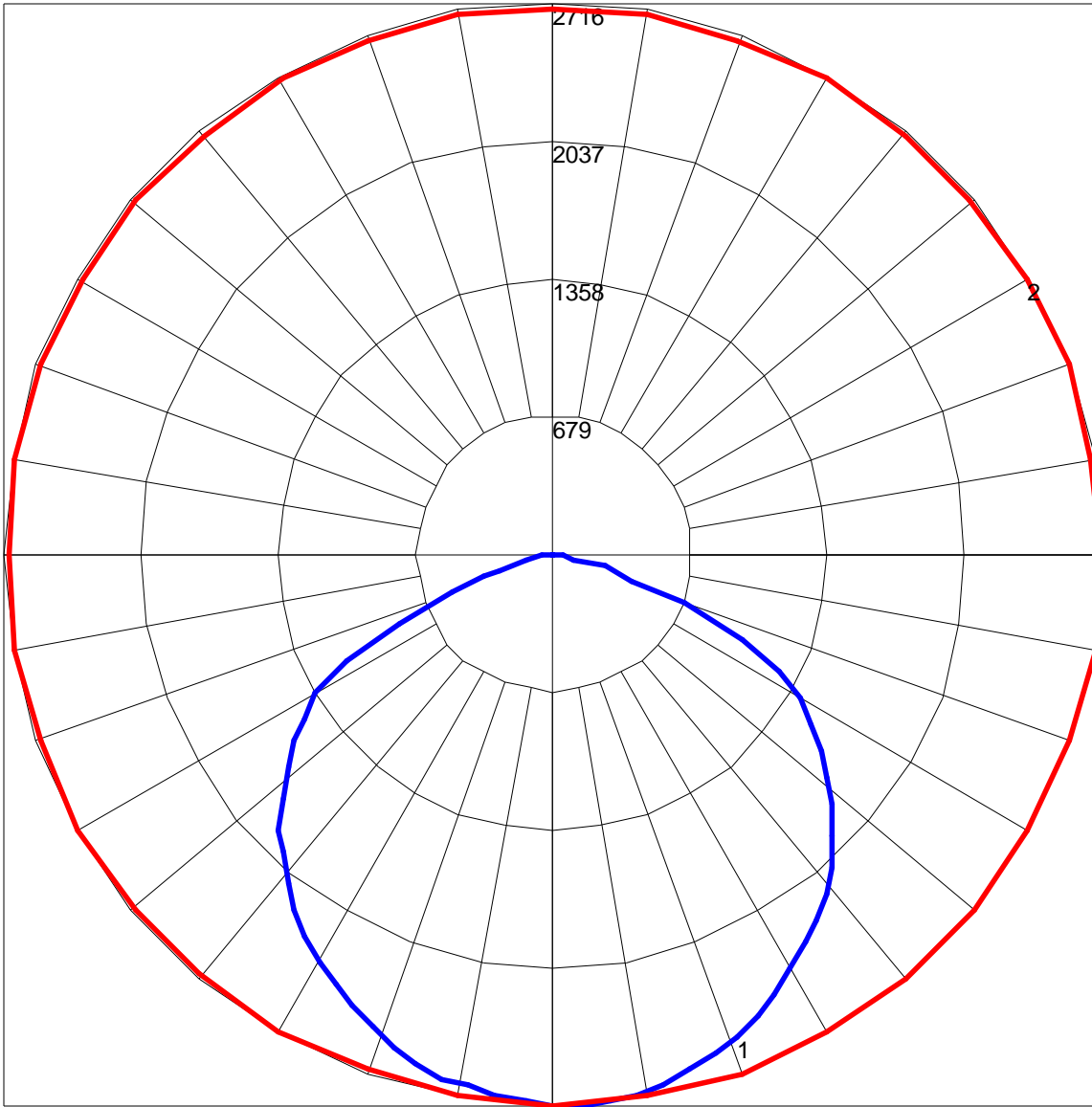
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED57DMV40.IES

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	100
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	78	85	80	76	82	78	74	79	76	72	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	59
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	25
10	52	39	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 2715.85 Located At Horizontal Angle = 310, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)