



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED48DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1-48LED48DMV40
 [TESTDATE] 10-Apr-2018 10:43:59
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 4/10/2018 11:36:36 AM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 6888.2
 [DRIVER TYPE] (1) OSRAM OT50W
 [BOARD/LAMP TYPE] (4) LUMA SMART "S" BOARDS
 [COLOR TEMP] 4,134 CCT
 [LUMEN/WATT] 144 LPW
 [CRI] 85.1
 [_NUMBEROFRAYS]10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6891
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	47.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
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	9477	7061	6623
55	9149	6335	5772
65	8660	4928	2469
75	7717	1712	852
85	3553	36	8

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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	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77
3	2398.88	2398.60	2397.59	2396.30	2394.46	2392.10	2390.01	2387.86	2385.75	2384.11
6	2390.00	2387.67	2385.90	2381.92	2377.24	2372.80	2369.52	2365.55	2362.47	2359.35
9	2368.25	2363.57	2359.54	2352.03	2346.50	2342.07	2338.56	2336.46	2335.24	2334.11
12	2343.71	2336.16	2326.90	2319.02	2315.15	2308.71	2304.95	2302.89	2303.20	2305.07
15	2323.34	2309.19	2294.54	2284.38	2276.70	2270.59	2267.35	2268.35	2266.64	2267.58
18	2291.35	2277.14	2256.45	2253.50	2244.67	2232.31	2228.33	2231.63	2231.83	2228.15
21	2235.03	2229.53	2221.57	2224.31	2215.23	2195.19	2188.77	2193.32	2193.74	2192.16
24	2175.95	2179.38	2180.43	2174.27	2169.20	2153.00	2144.30	2146.62	2147.05	2150.41
27	2134.64	2130.72	2122.25	2112.11	2104.65	2099.87	2096.43	2091.58	2088.64	2093.93
30	2092.92	2075.95	2057.71	2045.70	2027.81	2026.21	2033.62	2033.09	2028.11	2030.16
33	2030.31	2018.85	1993.51	1982.24	1963.98	1958.39	1962.17	1960.04	1968.66	1967.66
36	1955.84	1955.51	1922.54	1916.84	1906.69	1900.60	1898.38	1883.03	1902.10	1902.90
39	1883.73	1878.83	1849.70	1828.36	1836.47	1834.32	1831.77	1815.78	1826.96	1830.32
42	1818.44	1788.00	1767.87	1746.71	1756.54	1749.22	1754.49	1743.48	1744.96	1747.84
45	1756.54	1694.34	1687.01	1673.30	1676.35	1663.97	1662.87	1659.89	1663.37	1657.67
48	1674.15	1608.70	1609.96	1596.12	1595.72	1576.43	1569.24	1570.70	1586.15	1574.15
51	1556.20	1533.10	1509.04	1497.85	1502.32	1478.38	1478.29	1486.24	1517.16	1500.24
54	1441.95	1439.85	1412.50	1376.46	1395.05	1380.28	1384.93	1413.17	1405.66	1382.45
57	1364.10	1329.37	1304.78	1278.90	1292.06	1294.37	1288.78	1276.44	1201.34	1217.67
60	1276.29	1219.07	1192.07	1176.31	1178.28	1206.15	1128.13	1034.43	935.67	912.12
63	1134.80	1103.63	1084.12	1067.00	1049.59	1045.84	886.71	716.37	607.64	562.33
66	984.61	966.47	954.50	960.61	897.75	790.76	547.43	487.82	484.30	469.50
69	872.89	837.70	839.65	815.90	674.56	519.68	415.42	403.06	390.71	387.72
72	765.59	721.55	712.48	654.49	464.53	321.28	316.07	321.76	322.72	305.89
75	621.79	585.28	535.96	415.65	279.99	235.22	192.29	148.83	169.06	144.19
78	455.54	423.37	347.39	237.64	158.19	97.23	43.13	7.14	11.20	7.29
81	314.79	285.75	203.18	112.41	73.62	31.74	12.11	1.84	2.03	0.19
84	174.60	155.21	74.80	25.45	9.84	1.81	0.47	0.85	0.20	0.81
87	68.82	46.96	11.04	1.80	0.35	0.45	0.26	0.76	1.04	1.52
90	14.32	6.08	0.95	0.22	0.00	0.00	0.00	0.00	0.09	0.04
93	0.47	0.12	0.03	0.15	0.03	0.02	0.00	0.00	0.00	0.00
96	0.22	0.01	0.02	0.03	0.01	0.08	0.01	0.00	0.00	0.00
99	0.01	0.01	0.11	0.03	0.01	0.13	0.01	0.01	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. Angles **Horizontal 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	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77
3	2382.06	2380.64	2379.44	2378.52	2378.90	2380.94	2380.83	2383.07	2384.74	2385.78
6	2355.75	2353.11	2350.88	2349.32	2351.38	2355.20	2360.18	2364.66	2370.36	2374.37
9	2332.99	2330.79	2327.75	2325.70	2327.51	2333.71	2342.15	2349.87	2356.21	2359.39
12	2308.00	2310.86	2311.83	2311.50	2314.25	2319.15	2327.87	2336.39	2341.42	2339.13
15	2270.16	2277.68	2281.61	2284.98	2287.70	2292.79	2301.11	2313.24	2323.18	2315.19
18	2229.00	2230.72	2234.09	2240.54	2248.28	2255.12	2259.46	2282.29	2296.10	2290.43
21	2190.23	2188.98	2187.37	2191.14	2205.77	2215.76	2224.94	2245.09	2256.44	2258.97
24	2150.15	2148.01	2140.75	2138.24	2149.32	2159.83	2185.43	2204.59	2209.40	2219.25
27	2098.13	2095.58	2090.94	2080.56	2085.41	2094.35	2118.96	2150.09	2160.54	2162.04
30	2039.18	2034.63	2035.58	2020.26	2023.41	2027.95	2038.91	2078.85	2108.22	2086.63
33	1976.36	1965.37	1981.20	1970.47	1976.20	1974.04	1972.16	2004.14	2049.49	2008.18
36	1909.57	1893.86	1913.58	1908.52	1920.88	1924.68	1919.52	1927.10	1984.48	1932.78
39	1838.15	1818.04	1818.17	1823.57	1833.91	1841.52	1867.45	1848.47	1913.66	1863.76
42	1751.88	1732.57	1733.93	1741.16	1747.06	1739.76	1791.30	1765.73	1836.27	1790.02
45	1653.51	1651.94	1660.51	1675.35	1681.07	1639.76	1696.89	1686.85	1751.85	1709.62
48	1565.70	1571.54	1575.20	1588.74	1607.37	1558.26	1596.20	1610.72	1662.04	1625.95
51	1503.20	1490.84	1477.47	1483.11	1496.19	1485.03	1475.45	1533.30	1568.52	1540.59
54	1404.63	1421.88	1384.40	1392.24	1372.36	1382.57	1374.77	1439.77	1470.50	1442.73
57	1236.98	1299.49	1294.09	1306.80	1272.84	1266.88	1268.59	1332.38	1366.48	1344.49
60	951.76	1159.11	1132.22	1192.88	1179.84	1148.72	1169.53	1214.21	1254.49	1239.78
63	624.45	733.94	891.05	1004.14	1054.20	1049.40	1081.42	1098.20	1133.30	1122.96
66	491.92	503.93	560.61	739.34	870.64	953.45	950.90	977.76	1005.67	991.16
69	379.65	409.96	412.23	431.56	617.29	800.94	815.67	845.71	874.24	852.75
72	327.96	311.68	325.09	316.62	410.82	610.95	684.25	702.98	737.82	710.23
75	167.39	139.54	177.92	256.18	267.10	400.81	525.89	558.68	594.24	567.37
78	10.81	12.91	34.78	115.66	173.17	221.05	346.28	410.93	441.39	418.91
81	1.04	1.23	4.87	35.48	73.39	94.68	182.76	242.24	268.39	239.94
84	0.08	1.14	0.50	3.35	9.97	20.05	61.61	119.95	140.71	115.32
87	0.97	0.89	0.48	0.22	1.68	2.21	7.70	31.97	47.19	25.18
90	0.09	0.00	0.00	0.00	0.00	0.15	0.14	1.20	6.90	0.78
93	0.00	0.00	0.00	0.08	0.15	0.16	0.02	0.49	4.18	0.10
96	0.00	0.00	0.01	0.04	0.02	0.09	0.01	0.48	2.26	0.01
99	0.00	0.00	0.00	0.09	0.00	0.00	0.06	0.16	0.91	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	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77
3	2386.22	2387.35	2386.79	2386.05	2385.33	2384.54	2383.94	2384.22	2384.64	2386.08
6	2378.68	2380.38	2379.76	2377.75	2374.68	2370.61	2367.45	2365.25	2364.94	2366.70
9	2363.30	2363.46	2364.66	2363.95	2361.81	2359.58	2357.29	2354.12	2350.25	2347.18
12	2334.97	2333.18	2335.98	2334.98	2335.15	2336.81	2339.38	2338.25	2330.27	2320.66
15	2304.92	2299.50	2298.02	2299.25	2299.69	2301.27	2302.60	2304.36	2298.35	2291.48
18	2274.71	2274.41	2271.83	2272.79	2272.74	2265.28	2263.31	2264.32	2265.96	2265.89
21	2247.81	2246.48	2240.68	2240.09	2246.03	2233.52	2227.24	2230.23	2231.03	2235.23
24	2204.58	2185.49	2182.32	2183.88	2197.61	2190.95	2187.61	2190.00	2186.50	2186.63
27	2135.21	2121.22	2124.57	2122.25	2138.93	2137.64	2136.59	2131.94	2131.23	2130.04
30	2064.23	2067.26	2076.68	2066.66	2078.27	2081.83	2083.24	2070.26	2076.22	2078.75
33	2007.14	2017.82	2025.23	2012.15	2017.92	2012.84	2029.27	2018.77	2022.88	2021.57
36	1956.96	1965.67	1956.01	1946.45	1958.03	1939.58	1964.34	1963.37	1963.15	1956.70
39	1904.16	1890.60	1872.29	1868.91	1888.31	1876.05	1889.82	1889.97	1892.69	1886.85
42	1810.70	1797.38	1797.88	1791.32	1810.47	1809.16	1807.03	1812.26	1810.57	1808.22
45	1726.84	1693.54	1731.87	1718.27	1718.21	1729.28	1719.60	1742.71	1725.57	1731.16
48	1623.47	1607.02	1656.68	1634.37	1625.72	1637.39	1629.97	1661.63	1641.18	1648.45
51	1502.73	1537.88	1550.87	1539.05	1541.74	1542.28	1545.10	1552.86	1558.54	1550.59
54	1407.10	1433.51	1428.88	1442.07	1451.05	1461.13	1454.57	1446.04	1462.15	1452.98
57	1307.27	1309.73	1327.10	1338.64	1364.28	1355.16	1355.90	1353.06	1351.20	1343.00
60	1208.60	1185.25	1220.63	1226.37	1251.85	1177.01	1184.78	1171.95	1162.73	1191.82
63	1117.31	1078.63	1091.27	1085.06	1061.79	925.06	885.60	779.45	849.00	987.10
66	980.70	981.01	958.43	852.09	757.52	512.11	541.67	513.91	516.87	628.09
69	839.38	836.20	747.14	597.24	466.45	428.55	391.60	403.26	397.72	454.21
72	707.58	652.44	522.90	360.46	314.76	348.59	329.97	324.60	317.48	347.68
75	549.03	420.74	286.32	234.74	233.91	209.87	128.62	127.66	124.30	183.19
78	386.99	230.79	164.01	119.53	65.71	43.48	6.10	3.19	3.09	33.04
81	189.84	89.83	56.19	27.65	11.74	8.90	0.33	0.15	0.40	12.79
84	56.22	21.32	5.87	1.61	0.75	0.37	0.50	1.55	0.30	0.28
87	6.24	1.26	0.24	0.59	0.05	0.00	1.43	1.46	1.54	0.00
90	0.00	0.00	0.00	0.00	0.15	0.00	0.06	0.02	0.06	0.00
93	0.01	0.15	0.09	0.21	0.00	0.00	0.00	0.00	0.00	0.00
96	0.02	0.13	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.00
99	0.08	0.00	0.01	0.14	0.01	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 : 1-48LED48DMV40.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	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77	2395.77
3	2388.07	2390.41	2393.26	2395.34	2397.22	2398.41	2398.88
6	2370.90	2375.71	2381.08	2386.12	2389.59	2389.97	2390.00
9	2347.70	2353.01	2359.55	2365.06	2369.56	2368.90	2368.25
12	2317.85	2324.20	2333.80	2338.13	2341.86	2344.35	2343.71
15	2289.51	2295.86	2303.68	2308.99	2314.57	2320.87	2323.34
18	2269.99	2274.02	2275.15	2278.16	2278.68	2290.87	2291.35
21	2242.42	2241.14	2240.17	2243.05	2240.43	2240.57	2235.03
24	2191.09	2189.18	2185.12	2191.23	2196.25	2187.36	2175.95
27	2134.19	2130.12	2123.65	2132.98	2137.33	2142.23	2134.64
30	2078.84	2071.67	2064.96	2074.32	2071.26	2090.90	2092.92
33	2021.91	2014.48	2013.19	2024.33	2012.76	2028.60	2030.31
36	1955.29	1945.21	1946.01	1967.31	1960.74	1963.82	1955.84
39	1876.78	1873.07	1869.11	1877.02	1898.92	1899.95	1883.73
42	1804.70	1805.24	1803.78	1793.58	1808.90	1822.71	1818.44
45	1721.35	1725.10	1725.56	1716.55	1710.69	1727.21	1756.54
48	1625.24	1634.68	1633.38	1635.62	1625.66	1631.18	1674.15
51	1533.53	1550.03	1543.37	1540.19	1531.17	1551.79	1556.20
54	1440.50	1460.74	1449.57	1426.29	1444.75	1463.89	1441.95
57	1353.39	1352.52	1351.80	1332.98	1340.96	1358.90	1364.10
60	1234.42	1236.59	1234.65	1231.14	1226.97	1247.95	1276.29
63	1039.31	1096.50	1112.54	1117.47	1121.06	1129.54	1134.80
66	740.26	890.68	983.63	1007.08	990.35	992.21	984.61
69	442.05	597.85	778.02	860.85	867.33	863.95	872.89
72	331.00	346.67	523.37	679.17	740.99	747.65	765.59
75	254.86	237.67	297.90	445.79	583.56	600.32	621.79
78	114.13	106.37	178.07	256.68	400.71	432.93	455.54

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED48DMV40.IES

CANDELA TABULATION - (Cont.)

81	28.13	37.27	77.51	136.61	238.39	283.68	314.79
84	1.10	2.85	15.82	51.46	80.31	151.79	174.60
87	0.00	0.32	1.45	6.05	12.17	40.68	68.82
90	0.00	0.00	0.32	0.25	0.35	3.88	14.32
93	0.00	0.10	0.03	0.06	0.32	0.07	0.47
96	0.00	0.04	0.01	0.03	0.03	0.01	0.22
99	0.00	0.13	0.01	0.03	0.15	0.00	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 : 1-48LED48DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	713.74	N.A.	10.40
0-30	1869.28	N.A.	27.10
0-40	2964.99	N.A.	43.00
0-60	5640.16	N.A.	81.80
0-80	6816.08	N.A.	98.90
0-90	6890.89	N.A.	100.00
10-90	6707.53	N.A.	97.30
20-40	2251.24	N.A.	32.70
20-50	3429.72	N.A.	49.80
40-70	3466.68	N.A.	50.30
60-80	1175.93	N.A.	17.10
70-80	384.41	N.A.	5.60
80-90	74.81	N.A.	1.10
90-110	0.28	N.A.	0.00
90-120	0.28	N.A.	0.00
90-130	0.28	N.A.	0.00
90-150	0.28	N.A.	0.00
90-180	0.28	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6891.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	183.36
10-20	530.38
20-30	1155.54
30-40	1095.71
40-50	1178.48
50-60	1496.69
60-70	791.51
70-80	384.41
80-90	74.81
90-100	0.27
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

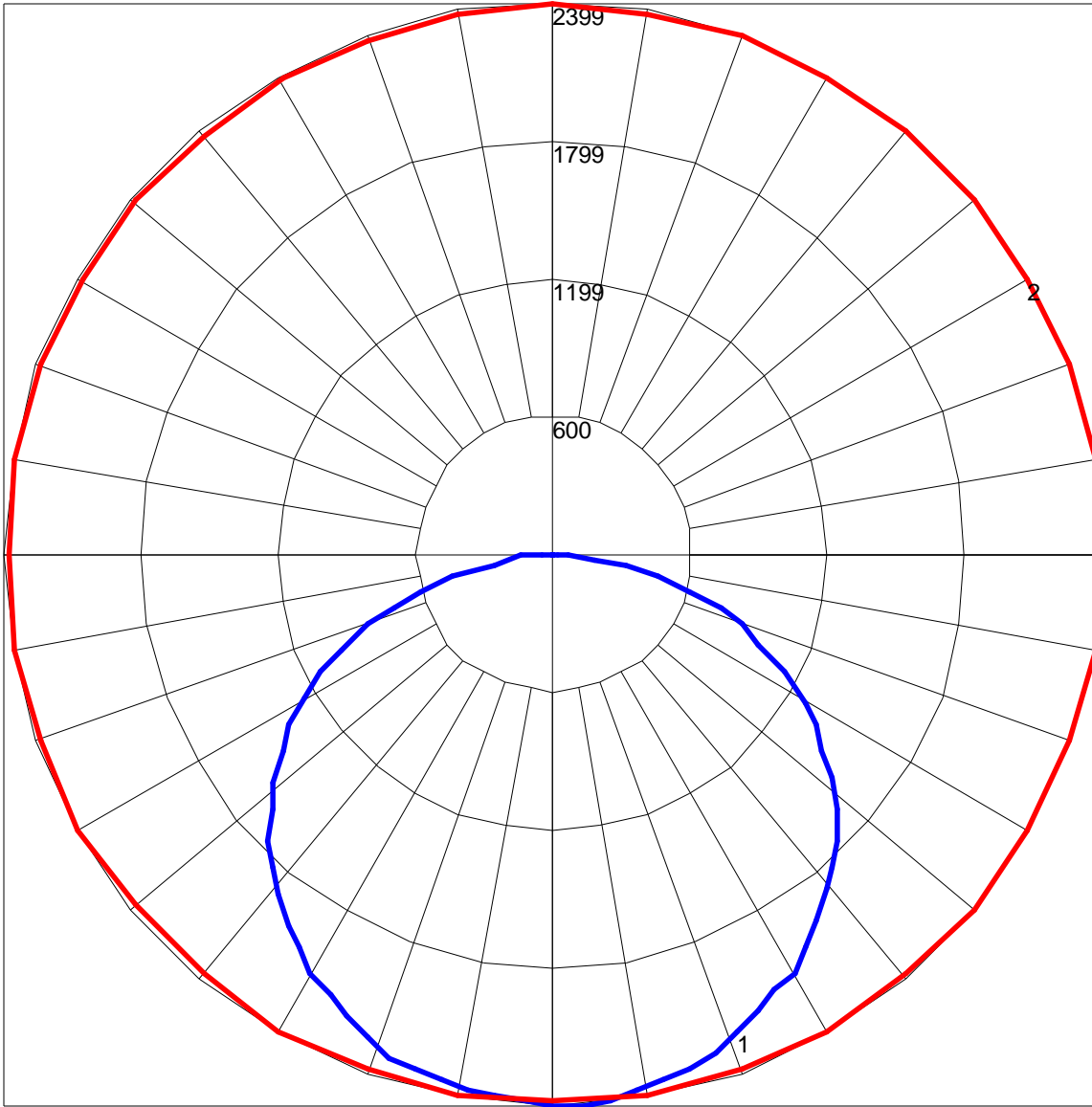
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1-48LED48DMV40.IES

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	26
10	52	39	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 2398.88 Located At Horizontal Angle = 0, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)