



IES INDOOR REPORT

PHOTOMETRIC FILENAME : AOD48-LED48DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] AOD48-LED48DMV40
 [TESTDATE] 18-Sep-2017 11:04:58
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 9/18/2017 12:50:41 PM
 [MANUFAC] Mobern Lighting Co
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 5942.4
 [_NUMBEROFRAYS]10000000
 [DRIVER TYPE] (1) D10CC55UNVTZ-C
 [BOARD TYPE] (4) UNIVERSAL "F"
 [COLOR TEMP] 4,115
 [LUMEN/WATT] 121 LM/WT
 [CRI] 85.5
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5945
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	48.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.36
Spacing Criterion (90-270)	1.36
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.15 m
Luminous Height	0.09 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12692	9274	6821
55	11463	6252	4337
65	10082	3374	1793
75	5754	359	202
85	819	32	17

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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	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61
3	2305.77	2307.13	2309.03	2314.83	2317.60	2322.71	2327.16	2330.72	2333.44	2334.68
6	2282.29	2283.92	2292.97	2303.25	2312.39	2320.39	2328.63	2335.06	2338.80	2341.43
9	2255.62	2260.20	2276.62	2290.21	2302.16	2308.98	2315.09	2318.88	2319.61	2317.76
12	2237.27	2245.16	2262.90	2276.72	2281.11	2281.44	2288.02	2293.89	2293.20	2286.36
15	2233.94	2232.08	2240.09	2243.31	2234.79	2236.64	2254.17	2273.27	2277.96	2271.99
18	2232.14	2217.33	2206.76	2211.94	2206.06	2208.35	2230.11	2250.30	2262.29	2265.35
21	2216.19	2203.21	2188.37	2200.78	2210.97	2207.83	2210.36	2214.15	2227.31	2249.82
24	2182.13	2184.43	2169.03	2176.43	2205.52	2187.82	2167.81	2162.32	2177.46	2214.63
27	2132.54	2143.46	2121.48	2133.42	2160.61	2118.21	2102.27	2113.41	2129.90	2157.33
30	2082.84	2086.84	2059.71	2087.27	2087.36	2017.27	2030.07	2072.78	2093.88	2100.72
33	2043.38	2034.70	2001.09	2043.52	2020.59	1945.43	1974.19	2021.25	2058.65	2060.74
36	1992.06	1977.82	1940.81	1988.99	1955.37	1902.60	1933.59	1957.45	1996.24	2001.27
39	1910.57	1908.02	1879.56	1899.71	1897.11	1871.75	1887.52	1878.08	1893.42	1879.67
42	1827.22	1819.67	1805.18	1808.97	1849.58	1838.79	1798.81	1749.91	1721.05	1680.10
45	1764.32	1716.52	1718.56	1715.17	1789.68	1755.56	1609.98	1546.37	1463.85	1412.89
48	1674.72	1609.64	1620.88	1617.75	1673.12	1567.02	1361.30	1284.23	1187.22	1162.41
51	1519.83	1504.69	1509.79	1520.70	1487.81	1299.09	1142.17	1022.29	983.61	995.46
54	1363.18	1379.69	1438.78	1402.64	1273.05	1054.18	967.67	835.12	846.79	888.44
57	1265.21	1254.42	1357.83	1250.19	1085.79	879.52	803.15	699.94	767.57	759.87
60	1172.25	1143.23	1214.08	1022.85	880.20	771.86	597.70	567.72	664.60	589.92
63	1023.33	1021.78	1036.57	763.10	668.76	620.09	516.25	499.77	525.07	512.16
66	843.56	859.32	777.27	560.35	512.65	426.34	434.88	330.24	228.55	219.73
69	670.96	683.00	557.29	418.13	407.15	244.36	156.59	102.19	64.82	70.39
72	506.91	511.19	352.96	295.87	214.78	83.87	40.56	32.27	40.42	40.66
75	347.72	338.61	221.20	160.80	70.10	24.33	22.41	25.43	32.08	31.08
78	206.10	182.80	127.92	52.68	15.78	13.30	22.06	18.43	15.09	12.52
81	108.03	87.99	60.52	17.51	5.36	12.22	11.54	12.23	5.70	7.77
84	33.60	26.46	7.85	2.36	3.70	4.75	3.52	1.96	2.30	3.03
87	5.05	2.07	0.19	0.47	1.24	1.49	0.30	0.64	0.49	0.34
90	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.24	0.00
93	0.00	0.00	0.00	0.04	0.00	0.02	0.01	0.18	0.64	0.56
96	0.00	0.00	0.00	0.01	0.03	0.01	0.00	0.00	0.07	0.04
99	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.02	0.01
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

	100	110	120	130	140	150	160	170	180	190
0	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61
3	2335.28	2334.35	2332.41	2329.37	2324.95	2321.59	2316.10	2312.90	2310.14	2307.99
6	2342.02	2341.41	2339.00	2334.37	2328.61	2320.91	2311.39	2302.90	2298.71	2297.29
9	2315.40	2313.90	2314.87	2317.00	2316.30	2310.06	2303.26	2295.52	2294.09	2297.95
12	2276.08	2268.79	2272.58	2283.83	2293.14	2293.00	2289.73	2286.61	2289.34	2300.09
15	2256.16	2239.31	2236.79	2249.30	2260.95	2269.46	2276.05	2273.45	2274.99	2288.66
18	2251.54	2225.96	2211.34	2215.22	2217.08	2230.85	2251.71	2256.09	2251.05	2267.24
21	2246.87	2217.90	2187.71	2178.71	2170.15	2175.32	2209.61	2221.74	2218.85	2232.61
24	2221.96	2200.00	2162.13	2146.88	2129.01	2116.75	2151.04	2169.55	2176.04	2181.43
27	2155.62	2141.18	2122.03	2105.60	2091.59	2074.53	2084.84	2104.28	2121.29	2109.00
30	2077.19	2064.36	2068.22	2049.51	2044.19	2039.13	2020.99	2026.01	2060.74	2020.09
33	2020.16	2007.35	2024.02	2000.75	2002.83	2007.97	1953.77	1938.22	2000.59	1928.47
36	1966.81	1973.71	1978.43	1942.37	1947.81	1962.59	1880.88	1848.90	1939.19	1837.96
39	1879.88	1908.13	1901.68	1869.16	1867.61	1873.12	1820.90	1778.38	1872.84	1760.71
42	1715.95	1764.04	1794.84	1789.02	1792.67	1776.09	1741.76	1707.78	1797.21	1676.84
45	1494.35	1541.04	1619.51	1675.48	1723.74	1676.16	1686.39	1617.74	1709.55	1569.73
48	1192.07	1263.07	1373.90	1494.88	1633.25	1576.24	1583.15	1521.92	1613.51	1460.00
51	998.04	993.89	1124.78	1275.31	1489.89	1477.50	1450.78	1440.09	1511.59	1380.35
54	856.52	836.27	904.59	1053.70	1292.46	1350.22	1353.86	1354.31	1395.76	1315.70
57	757.12	749.29	739.68	866.43	1069.54	1190.06	1256.33	1253.42	1259.59	1237.88
60	644.85	654.31	569.59	707.09	819.86	961.28	1120.07	1135.79	1113.87	1122.45
63	463.60	503.40	470.18	582.19	601.02	721.62	957.02	1012.31	967.83	972.55
66	233.62	294.67	435.04	450.20	470.81	501.26	732.38	870.89	807.54	798.32
69	68.10	88.02	175.26	324.96	357.49	409.71	534.97	691.80	622.66	617.22
72	38.01	34.95	39.39	99.60	209.46	282.36	365.82	497.93	439.64	437.43
75	26.42	28.42	18.78	18.98	60.98	143.25	197.24	306.91	287.46	282.02
78	14.47	17.22	15.98	11.95	11.07	38.13	103.07	146.87	167.81	141.80
81	5.44	11.48	10.31	9.38	3.10	7.54	36.25	50.93	67.47	44.33
84	1.63	2.98	3.51	4.84	1.82	1.47	4.07	12.73	17.02	7.44
87	0.68	0.44	0.42	0.57	1.56	0.16	0.10	0.61	2.77	0.20
90	0.39	0.00	0.67	0.47	0.21	0.00	0.00	0.00	3.02	0.00
93	0.26	0.00	0.17	0.19	0.02	0.04	0.00	0.05	0.23	0.00
96	0.00	0.00	0.06	0.02	0.02	0.03	0.00	0.05	0.04	0.00
99	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.02	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

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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	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61
3	2306.34	2306.66	2305.94	2306.00	2306.42	2306.77	2307.18	2307.76	2308.12	2308.47
6	2298.36	2299.31	2299.08	2297.54	2295.45	2292.80	2291.45	2292.21	2294.83	2298.64
9	2302.45	2302.61	2294.40	2282.23	2269.13	2260.16	2255.93	2255.44	2259.62	2266.84
12	2307.25	2298.14	2274.84	2248.27	2229.95	2221.18	2221.39	2224.49	2227.27	2229.43
15	2295.85	2268.48	2225.90	2199.46	2192.60	2197.45	2210.17	2222.88	2227.20	2218.62
18	2262.76	2217.46	2168.47	2165.49	2180.02	2188.88	2203.75	2219.06	2227.40	2218.72
21	2215.05	2154.21	2115.78	2139.57	2180.54	2187.94	2184.10	2180.77	2189.19	2193.75
24	2147.58	2081.31	2059.96	2100.47	2163.48	2172.69	2149.27	2127.75	2130.96	2144.01
27	2065.77	2027.57	2025.64	2056.23	2109.69	2107.37	2090.28	2083.96	2090.04	2098.67
30	1988.81	1993.77	2018.22	2027.47	2025.22	2010.56	2020.45	2037.34	2059.91	2060.45
33	1919.65	1964.76	2000.61	1983.00	1949.06	1936.27	1967.30	1973.49	2021.22	2012.34
36	1849.82	1916.85	1929.75	1898.44	1908.07	1916.71	1933.59	1915.63	1976.81	1965.22
39	1796.12	1835.20	1819.27	1806.52	1877.98	1887.60	1881.59	1860.36	1919.26	1911.33
42	1703.69	1755.18	1741.26	1766.35	1805.38	1773.63	1735.14	1719.69	1785.14	1787.63
45	1676.28	1660.54	1686.48	1722.18	1626.89	1532.53	1446.78	1426.80	1515.82	1549.88
48	1555.49	1558.70	1603.73	1525.99	1358.58	1174.89	1149.07	1138.94	1224.83	1170.17
51	1398.91	1474.26	1441.59	1228.84	1093.70	933.73	964.89	933.54	1064.89	992.25
54	1281.83	1363.36	1202.86	949.50	898.15	839.87	939.02	911.96	976.24	867.13
57	1156.01	1184.48	964.43	769.17	778.54	783.99	768.76	736.01	799.46	779.90
60	979.01	932.67	729.80	673.08	653.60	609.36	444.66	500.11	509.08	554.63
63	890.60	661.23	555.00	571.40	493.14	402.77	300.01	269.61	315.13	422.31
66	706.90	521.99	465.08	390.86	285.47	184.01	116.57	88.01	127.01	235.52
69	517.84	385.85	320.08	210.19	59.76	24.85	23.47	24.33	22.56	36.26
72	342.13	245.29	156.58	49.16	13.79	19.62	15.10	20.55	21.32	21.11
75	192.26	86.42	19.52	14.60	13.10	17.51	12.81	11.56	10.68	14.03
78	77.63	25.37	4.42	10.06	8.94	10.14	3.95	6.38	4.30	6.88
81	26.44	4.23	2.27	9.01	8.81	7.21	3.04	3.85	3.78	6.33
84	3.81	1.46	2.37	5.52	6.25	3.59	2.67	3.05	3.14	3.23
87	1.90	0.67	2.34	1.52	3.51	3.72	2.46	3.53	4.67	3.63
90	0.00	0.00	0.29	0.00	0.14	1.17	0.48	0.02	0.26	0.31
93	0.00	0.05	0.03	0.28	0.00	0.33	0.41	0.08	0.13	0.32
96	0.00	0.02	0.01	0.03	0.01	0.08	0.10	0.01	0.01	0.03
99	0.01	0.00	0.03	0.05	0.08	0.00	0.04	0.00	0.00	0.01
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 : AOD48-LED48DMV40.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

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61	2316.61
3	2308.56	2308.12	2307.30	2306.99	2304.81	2305.03	2305.77
6	2302.80	2304.48	2303.62	2299.72	2292.60	2284.45	2282.29
9	2277.22	2288.48	2294.38	2290.30	2279.04	2262.03	2255.62
12	2235.51	2248.03	2265.81	2273.33	2265.05	2247.74	2237.27
15	2201.70	2196.68	2214.68	2241.15	2250.01	2242.10	2233.94
18	2190.92	2168.82	2179.88	2208.94	2224.17	2233.51	2232.14
21	2178.33	2161.12	2166.53	2182.95	2193.39	2209.88	2216.19
24	2153.66	2156.60	2153.38	2141.33	2146.44	2166.23	2182.13
27	2129.95	2155.29	2138.56	2091.62	2073.05	2098.22	2132.54
30	2088.07	2142.18	2113.79	2029.20	1998.94	2021.78	2082.84
33	2023.80	2097.51	2065.92	1957.78	1946.63	1966.26	2043.38
36	1978.87	2045.37	2010.82	1902.20	1914.09	1924.95	1992.06
39	1946.43	1995.11	1944.79	1852.87	1869.29	1879.53	1910.57
42	1859.39	1926.27	1866.97	1775.99	1778.63	1802.40	1827.22
45	1662.68	1793.45	1756.25	1664.58	1664.27	1685.73	1764.32
48	1382.97	1544.11	1645.37	1560.76	1558.77	1561.77	1674.72
51	1029.48	1233.66	1511.07	1480.19	1460.55	1458.05	1519.83
54	880.37	932.07	1306.20	1354.61	1401.61	1356.10	1363.18
57	833.02	781.64	1084.57	1174.74	1305.60	1264.32	1265.21
60	757.25	734.07	874.58	942.04	1118.86	1170.43	1172.25
63	511.12	594.99	695.65	703.99	925.39	1023.87	1023.33
66	318.61	398.84	544.70	445.70	712.66	818.57	843.56
69	92.93	190.80	317.73	345.66	529.16	629.95	670.96
72	18.00	60.50	103.12	205.84	360.26	485.95	506.91
75	14.36	17.71	22.68	82.40	195.11	335.20	347.72
78	11.24	9.81	5.59	30.64	98.07	179.48	206.10

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AOD48-LED48DMV40.IES

CANDELA TABULATION - (Cont.)

81	7.76	9.53	4.13	8.51	43.84	75.97	108.03
84	6.38	6.19	4.02	1.59	9.47	18.43	33.60
87	4.60	4.31	3.90	0.89	1.99	0.51	5.05
90	0.21	0.00	0.42	0.00	0.12	0.00	0.00
93	0.38	0.14	0.02	0.29	0.00	0.00	0.00
96	0.05	0.07	0.01	0.01	0.00	0.00	0.00
99	0.03	0.06	0.01	0.01	0.02	0.00	0.00
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 : AOD48-LED48DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	696.59	N.A.	11.70
0-30	1841.3	N.A.	31.00
0-40	2938.25	N.A.	49.40
0-60	5278.81	N.A.	88.80
0-80	5927.28	N.A.	99.70
0-90	5945.4	N.A.	100.00
10-90	5767.05	N.A.	97.00
20-40	2241.66	N.A.	37.70
20-50	3386.64	N.A.	57.00
40-70	2842.64	N.A.	47.80
60-80	648.47	N.A.	10.90
70-80	146.39	N.A.	2.50
80-90	18.12	N.A.	0.30
90-110	0.10	N.A.	0.00
90-120	0.10	N.A.	0.00
90-130	0.10	N.A.	0.00
90-150	0.10	N.A.	0.00
90-180	0.10	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5945.5	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	178.35
10-20	518.24
20-30	1144.7
30-40	1096.95
40-50	1144.98
50-60	1195.58
60-70	502.08
70-80	146.39
80-90	18.12
90-100	0.09
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

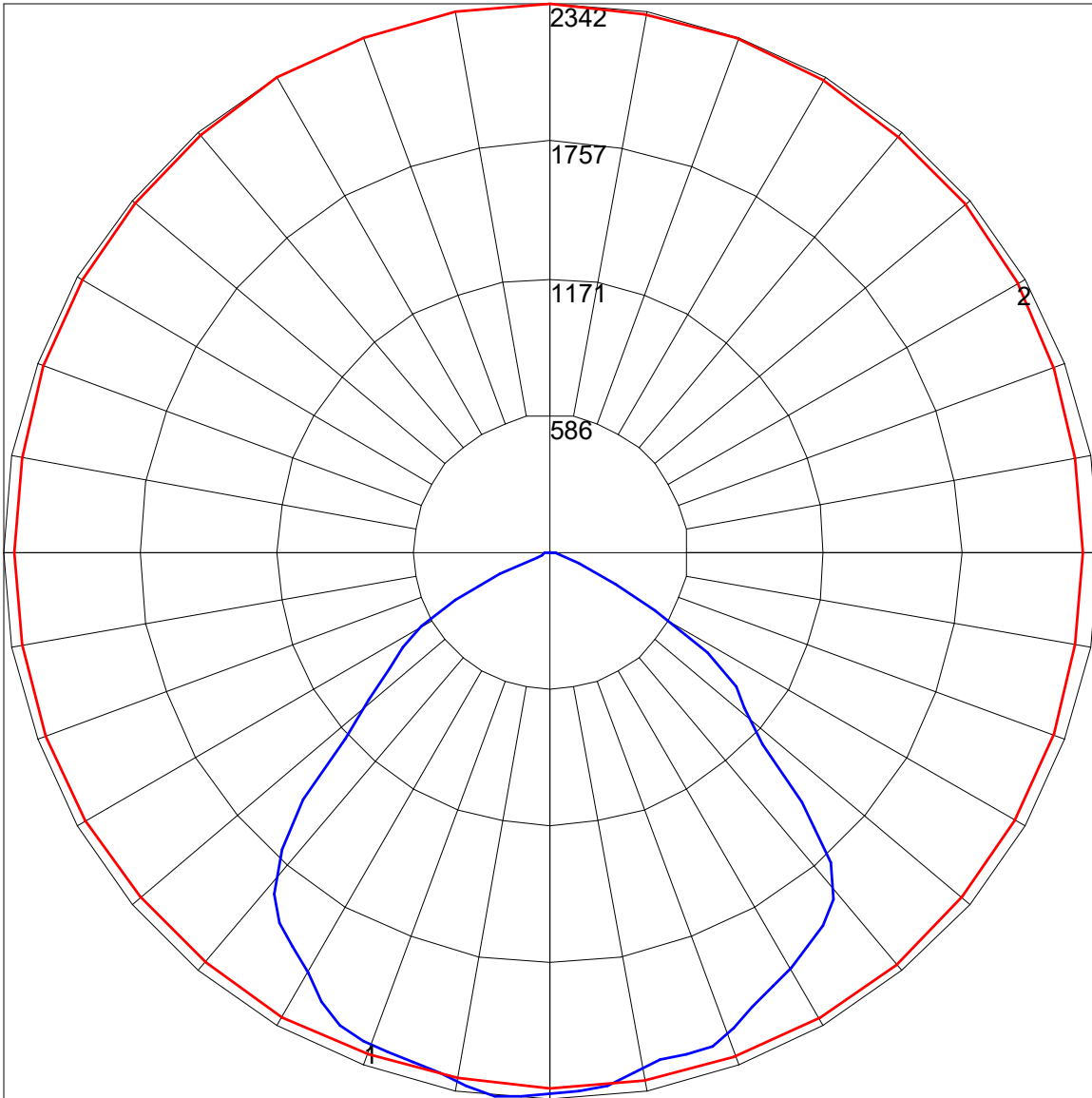
IES INDOOR REPORT
PHOTOMETRIC FILENAME : AOD48-LED48DMV40.IES

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	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	103	99	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	101	94	88	82	82	99	92	86	82	88	84	80	85	81	78	82	79	76	74
3	93	83	75	69	69	90	81	74	69	78	72	68	76	71	66	73	69	65	63
4	85	74	65	59	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	78	66	57	51	51	76	65	57	51	63	56	50	61	55	50	59	53	49	47
6	72	59	51	44	44	70	58	50	44	57	49	44	55	48	43	53	48	43	41
7	67	54	45	39	39	65	53	45	39	51	44	39	50	43	38	49	43	38	36
8	62	49	41	35	35	61	48	40	35	47	40	35	46	39	34	44	39	34	32
9	58	45	37	31	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	33	28	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

POLAR GRAPH



Maximum Candela = 2342.02 Located At Horizontal Angle = 100, Vertical Angle = 6
1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (6) (Through Max. Cd.)