



IES INDOOR REPORT

PHOTOMETRIC FILENAME : L44IRX48LED84DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L44IRx48LED84DMV40
 [TESTDATE] 03-Apr-2019 12:53:52
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 4/3/2019 2:07:16 PM
 [MANUFAC] Mobern Lighting Co
 [LAMP] LED Module
 [TOTAL LUMINAIRE LUMENS] 6855.7
 [DRIVER TYPE](2) OSRAM OT50W
 [BOARD/LAMP TYPE] (2) LUMASMART 48"
 [COLOR TEMP] 4217 CCT
 [LUMEN/WATT] 82 LPW
 [CRI] 84.1
 [NUMBER OF FRAYS] 10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6858
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	83.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.27 m
Luminous Width (90-270)	0.10 m
Luminous Height	0.10 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16115	9721	8669
55	14978	8177	7390
65	13854	6646	5798
75	12379	4642	3801
85	7655	1378	716

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED84DMV40.IES

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	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29
3	2235.18	2234.81	2234.22	2235.85	2235.07	2234.90	2234.75	2234.16	2233.40	2232.93
6	2212.57	2213.26	2216.99	2219.55	2220.61	2220.46	2219.39	2215.79	2212.04	2208.94
9	2191.66	2191.11	2193.72	2194.76	2200.51	2204.27	2202.48	2194.84	2186.08	2180.47
12	2168.01	2165.26	2162.48	2164.02	2174.36	2181.85	2182.93	2172.39	2160.66	2155.36
15	2134.78	2135.33	2135.84	2134.29	2139.37	2150.59	2151.93	2144.54	2137.12	2137.99
18	2093.88	2105.46	2108.40	2108.41	2106.36	2114.38	2113.66	2105.38	2109.64	2117.63
21	2049.51	2061.71	2069.04	2070.70	2066.72	2072.08	2074.75	2065.42	2071.80	2083.07
24	2005.42	2010.81	2011.70	2007.02	2010.62	2020.15	2024.91	2019.26	2027.09	2036.01
27	1962.17	1963.02	1949.83	1950.68	1960.60	1970.03	1972.32	1962.83	1974.60	1980.78
30	1908.39	1909.28	1895.36	1897.87	1910.88	1917.56	1915.55	1903.44	1917.60	1918.57
33	1835.25	1841.17	1843.47	1839.96	1852.29	1853.13	1852.10	1835.57	1854.28	1850.51
36	1755.65	1769.49	1785.08	1774.65	1781.44	1776.50	1785.88	1767.70	1782.89	1780.36
39	1684.47	1702.81	1713.57	1693.75	1705.83	1699.60	1713.75	1703.17	1708.31	1710.81
42	1622.42	1623.34	1618.52	1618.89	1631.26	1623.08	1640.66	1627.37	1629.79	1637.59
45	1561.82	1525.64	1530.30	1537.32	1542.24	1536.92	1553.48	1548.15	1553.17	1557.72
48	1477.20	1433.93	1457.65	1449.02	1452.75	1449.01	1464.51	1474.59	1475.98	1480.04
51	1354.06	1358.26	1367.00	1358.60	1365.65	1365.10	1386.28	1397.47	1397.67	1411.26
54	1237.97	1266.89	1285.60	1253.74	1270.79	1276.95	1305.74	1312.59	1309.98	1337.97
57	1166.98	1169.73	1188.63	1161.38	1189.49	1185.79	1225.32	1217.11	1222.74	1246.97
60	1091.19	1083.18	1070.46	1062.20	1099.59	1099.39	1131.15	1124.77	1129.72	1146.54
63	961.82	979.26	966.84	961.34	987.83	1015.49	1030.38	1039.53	1032.99	1046.97
66	823.34	841.00	856.44	868.51	890.02	930.15	921.05	940.36	929.59	945.04
69	724.56	720.09	755.52	762.40	792.33	824.11	811.04	823.23	822.95	835.34
72	643.40	625.95	654.23	660.18	693.80	709.58	707.64	709.79	714.52	718.05
75	526.71	526.70	547.94	558.32	577.36	597.05	589.14	589.23	585.92	591.54
78	402.48	417.31	442.12	461.13	460.79	462.07	450.68	433.28	435.56	441.60
81	298.84	319.41	355.86	369.47	359.84	340.73	313.77	296.75	289.28	286.34
84	192.97	226.48	231.85	237.60	205.53	176.75	154.89	132.00	131.14	125.52
87	97.26	119.89	105.08	75.98	69.58	55.89	49.39	45.12	41.81	44.66
90	29.55	32.50	26.47	18.64	16.33	16.07	14.59	14.71	8.63	13.74
93	3.87	12.39	5.64	5.96	5.48	5.49	2.76	3.34	1.29	1.25
96	0.63	2.85	1.55	2.38	1.85	1.41	1.13	0.78	0.28	0.31
99	0.08	0.84	0.35	0.94	0.58	0.32	0.18	0.36	0.04	0.04
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED84DMV40.IES

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	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29
3	2232.00	2231.54	2231.15	2230.65	2230.90	2232.38	2231.18	2232.73	2233.89	2234.65
6	2207.25	2207.43	2208.22	2208.16	2209.08	2209.68	2209.24	2207.21	2208.37	2208.84
9	2181.25	2185.38	2189.73	2191.68	2191.53	2189.89	2188.47	2184.21	2183.57	2183.93
12	2159.82	2169.19	2176.43	2176.87	2176.65	2174.81	2172.04	2167.54	2164.39	2164.32
15	2141.94	2149.56	2151.78	2148.09	2144.84	2149.03	2152.22	2151.74	2150.48	2143.85
18	2118.32	2116.35	2117.20	2111.63	2107.38	2115.89	2121.42	2131.50	2130.68	2118.69
21	2079.91	2074.85	2077.99	2073.56	2071.49	2080.64	2090.60	2099.76	2094.88	2084.01
24	2031.05	2021.48	2022.23	2024.57	2019.44	2026.55	2048.16	2056.57	2047.33	2043.42
27	1975.94	1963.88	1966.95	1973.95	1964.23	1966.03	1976.88	1995.24	1995.10	1991.42
30	1915.32	1914.20	1917.16	1927.31	1918.19	1914.25	1895.81	1917.90	1941.85	1925.30
33	1842.35	1857.59	1861.38	1870.64	1875.27	1876.01	1827.31	1841.79	1888.47	1853.29
36	1766.91	1790.69	1791.33	1789.05	1801.83	1822.05	1770.12	1767.35	1829.09	1774.29
39	1702.46	1718.88	1708.66	1698.45	1702.61	1719.82	1719.61	1695.49	1758.38	1692.67
42	1636.97	1634.33	1633.58	1626.32	1623.74	1623.08	1662.47	1620.87	1680.63	1611.42
45	1563.23	1552.71	1554.88	1561.79	1556.24	1535.18	1587.08	1544.34	1600.34	1537.94
48	1482.76	1477.03	1472.13	1478.29	1480.49	1457.74	1487.83	1466.67	1513.97	1465.85
51	1400.33	1397.73	1393.58	1387.44	1382.86	1388.13	1365.26	1393.32	1418.50	1391.19
54	1307.74	1318.82	1309.40	1305.86	1273.92	1287.40	1270.58	1311.20	1321.29	1303.94
57	1219.45	1232.03	1224.22	1217.49	1185.08	1174.24	1172.17	1217.03	1228.51	1208.93
60	1127.31	1139.25	1131.69	1110.77	1095.92	1064.56	1072.81	1112.15	1131.38	1106.73
63	1028.23	1042.94	1036.48	1004.46	987.21	973.19	984.83	1007.86	1021.10	1002.76
66	921.21	938.43	928.09	910.74	889.38	884.27	873.29	897.82	903.87	889.72
69	815.46	830.24	814.60	802.78	794.55	768.03	767.32	782.50	788.14	773.35
72	709.66	721.65	709.43	690.83	700.33	664.91	662.96	664.39	676.11	659.44
75	580.17	594.53	589.23	584.14	577.15	567.21	551.65	549.24	566.17	549.99
78	428.08	432.72	444.13	455.71	450.72	466.28	443.34	434.50	448.80	436.53
81	276.45	280.53	280.82	311.59	314.59	339.67	328.41	299.21	306.22	294.01
84	126.44	122.69	129.95	153.12	156.90	203.46	197.70	199.40	186.23	192.42
87	36.83	34.88	39.73	45.89	44.99	54.38	69.90	93.03	77.19	77.85
90	3.74	8.75	11.27	11.30	9.84	13.45	13.17	29.50	7.19	3.09
93	1.11	3.32	3.60	5.27	4.16	6.30	8.53	15.75	2.29	0.18
96	0.44	0.21	0.48	1.51	1.82	0.68	1.40	4.08	0.44	0.01
99	0.08	0.26	0.08	0.34	0.44	0.67	0.44	1.42	0.01	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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED84DMV40.IES

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	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29
3	2235.00	2238.47	2238.63	2240.41	2242.30	2243.63	2244.46	2244.83	2244.39	2243.44
6	2213.00	2215.86	2217.59	2219.18	2222.93	2225.99	2228.29	2230.06	2229.49	2227.76
9	2188.46	2189.60	2190.75	2190.48	2192.02	2196.23	2201.39	2205.07	2206.06	2204.00
12	2167.74	2171.37	2171.49	2165.21	2160.13	2161.24	2167.67	2173.50	2174.64	2173.08
15	2142.65	2145.84	2146.27	2139.73	2131.32	2130.00	2134.32	2138.58	2135.54	2134.04
18	2104.41	2109.66	2112.19	2111.35	2104.27	2101.33	2104.25	2101.52	2095.40	2089.25
21	2069.65	2069.30	2070.50	2068.64	2067.07	2069.43	2070.33	2061.83	2054.78	2049.91
24	2030.75	2015.91	2013.46	2010.22	2006.05	2020.54	2025.69	2014.10	2011.67	2006.90
27	1969.72	1958.76	1958.71	1952.21	1942.45	1954.56	1963.71	1954.82	1957.13	1952.99
30	1895.71	1900.09	1912.35	1904.89	1888.80	1893.73	1894.71	1892.40	1893.59	1895.50
33	1827.65	1846.20	1864.87	1855.82	1838.25	1833.84	1825.46	1833.51	1820.05	1828.24
36	1769.06	1789.48	1788.94	1781.08	1771.14	1770.19	1756.27	1766.34	1743.39	1761.58
39	1718.98	1710.53	1692.74	1688.87	1684.31	1702.36	1689.95	1682.02	1679.68	1698.37
42	1658.74	1627.29	1618.36	1609.42	1608.44	1625.15	1620.10	1601.50	1616.78	1619.53
45	1576.71	1530.13	1549.09	1536.56	1532.43	1547.97	1544.92	1543.23	1542.23	1534.57
48	1472.65	1435.34	1466.84	1452.95	1450.72	1467.97	1463.69	1486.40	1464.17	1455.70
51	1348.23	1358.73	1368.80	1368.10	1374.29	1382.81	1383.40	1408.16	1397.74	1373.39
54	1254.99	1263.27	1268.73	1289.76	1295.47	1304.51	1298.63	1317.28	1325.17	1287.08
57	1159.71	1155.36	1189.80	1204.77	1212.47	1222.03	1218.73	1227.11	1240.40	1196.89
60	1064.91	1047.72	1099.05	1108.80	1116.85	1128.20	1135.58	1136.78	1143.73	1112.33
63	982.07	958.43	977.47	1010.85	1028.82	1029.81	1048.32	1042.46	1045.18	1028.72
66	870.48	876.03	872.06	914.25	934.59	932.83	950.13	943.56	938.00	934.16
69	759.89	769.66	778.24	804.80	825.01	837.35	840.44	839.22	828.43	833.35
72	658.05	669.81	692.69	701.62	719.68	733.04	725.55	724.87	720.07	731.24
75	555.48	568.53	584.02	598.37	601.91	601.22	592.97	593.97	590.50	604.72
78	449.17	461.43	460.12	461.83	455.10	411.72	440.25	436.59	436.67	434.94
81	319.69	313.22	294.34	275.72	245.90	232.88	241.08	233.56	243.41	251.85
84	173.09	170.54	130.83	115.08	98.97	87.17	94.88	87.53	97.60	99.06
87	53.16	36.66	27.92	26.96	23.12	18.27	20.59	21.81	25.02	23.01
90	3.55	0.77	0.80	0.34	0.49	0.24	0.35	0.67	0.66	0.06
93	0.61	0.02	0.33	0.25	0.04	0.38	0.13	0.02	0.06	0.17
96	0.26	0.21	0.33	0.12	0.04	0.02	0.03	0.01	0.01	0.14
99	0.51	0.49	0.32	0.07	0.21	0.24	0.00	0.00	0.00	0.33
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 : L44IRX48LED84DMV40.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	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29	2246.29
3	2242.02	2240.04	2238.24	2238.20	2235.14	2235.29	2235.18
6	2224.57	2220.16	2217.82	2215.92	2213.81	2211.42	2212.57
9	2199.64	2194.39	2190.76	2188.48	2190.17	2190.02	2191.66
12	2170.96	2168.13	2166.10	2162.25	2163.19	2165.87	2168.01
15	2134.08	2135.58	2132.73	2130.33	2129.56	2129.26	2134.78
18	2092.96	2098.69	2098.24	2096.54	2088.46	2090.52	2093.88
21	2053.17	2059.72	2063.63	2061.46	2051.30	2047.99	2049.51
24	2005.24	2014.72	2016.38	2011.43	2009.83	2007.41	2005.42
27	1953.46	1963.16	1960.84	1956.69	1955.74	1965.85	1962.17
30	1889.90	1894.23	1891.83	1894.59	1892.33	1911.04	1908.39
33	1816.03	1822.40	1821.93	1829.83	1824.67	1837.24	1835.25
36	1748.33	1757.59	1749.93	1761.02	1754.40	1759.32	1755.65
39	1681.48	1691.21	1678.33	1674.46	1685.02	1693.68	1684.47
42	1608.91	1609.23	1612.60	1598.73	1603.88	1619.09	1622.42
45	1528.21	1519.44	1536.85	1521.27	1523.21	1520.46	1561.82
48	1450.20	1428.77	1446.38	1435.71	1447.52	1425.16	1477.20
51	1371.42	1341.12	1349.37	1344.29	1352.48	1354.36	1354.06
54	1284.90	1259.43	1254.74	1238.46	1267.85	1271.21	1237.97
57	1207.94	1179.30	1175.14	1140.38	1168.50	1168.49	1166.98
60	1127.22	1093.70	1080.87	1034.41	1052.19	1067.24	1091.19
63	1034.09	1002.94	968.69	937.96	947.34	957.55	961.82
66	927.75	913.59	875.80	854.69	836.74	822.60	823.34
69	824.72	811.03	783.95	751.88	738.26	705.73	724.56
72	721.75	705.71	690.93	655.72	638.65	615.40	643.40
75	592.91	600.14	573.62	562.96	535.28	519.33	526.71
78	443.26	464.64	450.33	463.74	434.75	408.93	402.48

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED84DMV40.IES

CANDELA TABULATION - (Cont.)

81	257.70	300.04	320.16	349.91	342.81	304.80	298.84
84	109.43	130.87	157.46	207.41	205.73	205.34	192.97
87	29.72	27.03	42.54	49.13	70.93	94.63	97.26
90	0.43	0.69	1.71	1.32	6.80	9.36	29.55
93	0.06	0.08	0.08	0.05	0.36	0.23	3.87
96	0.04	0.06	0.45	0.26	0.13	0.08	0.63
99	0.15	0.06	0.32	0.60	0.82	0.04	0.08
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 : L44IRX48LED84DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	666.00	N.A.	9.70
0-30	1738.76	N.A.	25.40
0-40	2746.07	N.A.	40.00
0-60	5181.02	N.A.	75.50
0-80	6616.62	N.A.	96.50
0-90	6855.59	N.A.	100.00
10-90	6684.19	N.A.	97.50
20-40	2080.07	N.A.	30.30
20-50	3152.91	N.A.	46.00
40-70	3278.85	N.A.	47.80
60-80	1435.6	N.A.	20.90
70-80	591.70	N.A.	8.60
80-90	238.97	N.A.	3.50
90-110	2.78	N.A.	0.00
90-120	2.78	N.A.	0.00
90-130	2.78	N.A.	0.00
90-150	2.78	N.A.	0.00
90-180	2.78	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6858.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	171.40
10-20	494.60
20-30	1072.76
30-40	1007.31
40-50	1072.84
50-60	1362.11
60-70	843.89
70-80	591.70
80-90	238.97
90-100	2.72
100-110	0.05
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

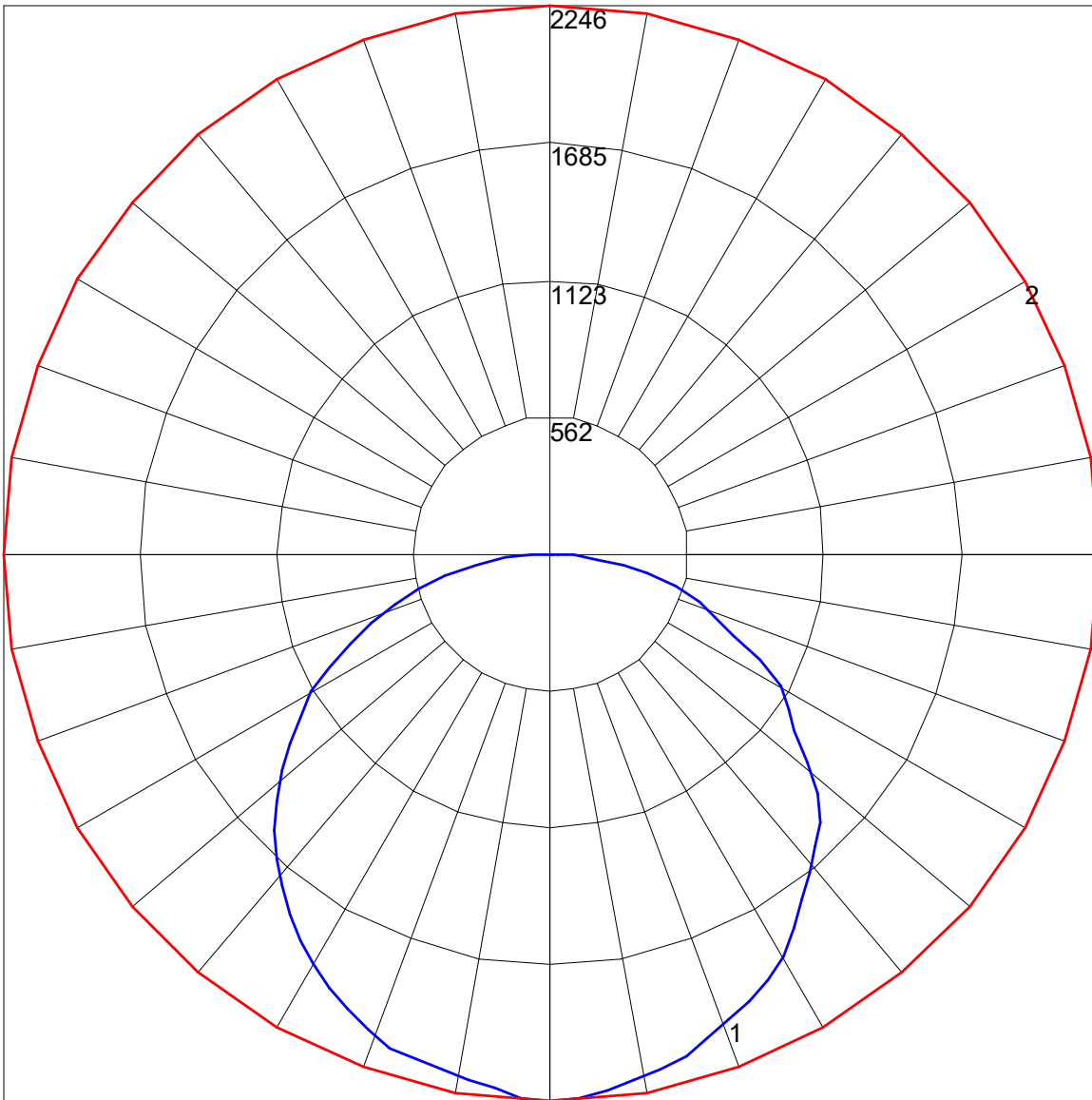
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED84DMV40.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	88	81	75	94	86	80	74	83	77	72	79	75	70	76	72	69	66
3	88	77	68	61	86	75	67	61	72	65	60	69	63	58	67	62	57	55
4	80	68	58	51	78	66	58	51	64	56	50	61	55	49	59	53	49	46
5	74	60	51	44	71	59	50	43	57	49	43	55	48	42	53	47	42	40
6	68	54	44	38	66	53	44	38	51	43	37	49	42	37	48	41	36	34
7	63	49	39	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30
8	58	44	35	29	57	43	35	29	42	34	29	41	34	29	40	33	29	27
9	54	40	32	26	53	40	32	26	39	31	26	38	31	26	36	30	26	24
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21

POLAR GRAPH



Maximum Candela = 2246.29 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)