



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 44FSF48LED57DMVFR40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 44FSF48LED57DMVFR40
 [TESTDATE] 28-Aug-2019 08:53:40
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUEDATE] 8/28/2019 10:40:57 AM
 [MANUFAC] MOBERN LIGHTING CO.
 [LAMP] LED Module
 [MORE] (1) UNIVERSAL D10CC55UNVTZ-C
 [BOARD/LAMP TYPE] (4) UNIVERSAL 32Chip 561B+ S5 4000K BOARDS
 [MORE] 4,101 CCT CRI:85.0
 [_NUMBEROFRAYS]10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6328
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	57.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.11 m
Luminous Height	0.08 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12774	9097	8547
55	11673	7788	7540
65	10391	6541	6590
75	8735	5438	5783
85	4695	4447	5159

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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	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56
3	1985.12	1985.19	1984.88	1984.89	1984.03	1982.87	1981.84	1980.83	1980.03	1979.87
6	1973.21	1974.91	1977.62	1978.23	1976.94	1974.48	1971.25	1967.43	1965.01	1964.34
9	1953.06	1956.97	1962.66	1963.69	1963.74	1960.60	1955.36	1951.14	1949.17	1949.16
12	1926.47	1931.76	1936.77	1940.12	1941.57	1936.54	1931.23	1928.71	1930.31	1932.35
15	1895.27	1898.58	1907.29	1910.75	1909.69	1906.65	1903.27	1904.56	1907.75	1910.34
18	1861.03	1864.07	1869.15	1878.50	1877.25	1877.49	1877.33	1879.19	1883.18	1882.79
21	1823.35	1818.63	1823.52	1837.67	1839.73	1840.04	1844.02	1847.11	1850.34	1849.89
24	1774.99	1765.98	1766.98	1776.00	1786.36	1789.96	1793.00	1801.03	1808.93	1809.42
27	1710.75	1712.15	1708.11	1719.66	1732.27	1736.54	1739.59	1748.20	1762.35	1760.09
30	1640.04	1653.13	1653.72	1666.43	1678.07	1681.58	1687.64	1699.90	1716.16	1706.18
33	1572.92	1580.97	1590.86	1610.84	1621.29	1623.55	1634.93	1647.11	1668.09	1651.94
36	1507.10	1504.59	1517.48	1544.91	1549.96	1554.54	1577.19	1592.35	1610.98	1596.31
39	1438.30	1441.86	1448.70	1457.49	1475.68	1485.72	1511.12	1535.13	1541.96	1536.93
42	1366.85	1375.40	1371.78	1382.14	1417.05	1422.63	1446.11	1465.78	1466.48	1472.01
45	1292.17	1284.47	1289.74	1309.82	1347.18	1348.27	1371.63	1397.03	1397.43	1401.53
48	1205.05	1188.01	1214.24	1232.46	1261.23	1266.33	1293.65	1340.13	1331.39	1331.59
51	1101.47	1111.71	1130.49	1144.47	1174.90	1191.71	1218.08	1281.45	1266.97	1267.43
54	1006.03	1034.00	1055.09	1044.16	1091.04	1119.85	1139.44	1207.24	1198.56	1205.35
57	937.24	945.19	962.83	965.28	1015.86	1042.07	1074.67	1121.94	1133.50	1140.38
60	861.81	853.89	863.50	885.04	930.97	965.84	1013.29	1040.40	1066.02	1071.95
63	749.55	757.85	779.23	801.67	843.39	889.53	949.45	965.40	996.49	1001.59
66	633.92	647.82	680.96	717.58	768.25	817.11	875.66	898.12	924.97	934.78
69	549.78	551.07	589.17	620.17	691.09	751.04	797.12	838.67	859.69	875.03
72	473.74	474.19	504.54	542.74	621.37	689.59	726.46	778.52	802.28	814.51
75	377.81	384.65	423.71	475.72	543.96	624.73	661.73	712.26	741.34	746.40
78	274.26	293.42	348.65	413.81	478.36	552.81	603.08	645.72	679.46	679.08
81	194.99	221.19	290.41	362.49	429.22	499.39	553.52	599.50	626.29	628.36
84	116.81	159.22	222.10	307.22	363.91	442.16	498.67	544.96	571.86	578.62
87	54.74	102.79	169.85	248.55	311.89	388.70	447.48	487.08	517.06	529.46
90	18.90	63.75	130.60	198.68	268.39	332.83	379.73	443.32	461.47	487.68
93	0.67	12.37	44.05	73.48	93.11	118.09	141.03	189.56	162.75	169.85
96	0.18	0.84	3.09	3.24	6.28	5.71	10.97	18.64	15.14	10.12
99	0.07	0.22	1.08	1.46	1.16	1.46	1.65	1.73	2.49	0.55
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	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56
3	1979.76	1980.19	1980.67	1980.96	1981.16	1981.52	1980.21	1980.10	1979.70	1979.01
6	1965.78	1968.34	1971.28	1972.50	1972.55	1971.15	1967.76	1962.88	1961.50	1960.10
9	1951.30	1954.20	1956.58	1956.05	1951.48	1943.18	1939.23	1932.93	1934.11	1936.03
12	1932.68	1931.77	1930.31	1925.52	1918.03	1904.77	1897.89	1897.34	1902.35	1909.05
15	1907.55	1903.53	1896.72	1889.13	1877.36	1869.47	1866.45	1866.32	1870.62	1872.10
18	1879.14	1872.33	1865.41	1855.31	1845.05	1841.88	1836.39	1839.80	1837.58	1833.08
21	1843.79	1839.04	1831.93	1815.18	1807.23	1803.85	1795.46	1799.51	1799.76	1790.83
24	1801.92	1797.04	1785.75	1761.01	1748.30	1733.81	1733.94	1745.06	1750.73	1744.72
27	1754.58	1747.29	1733.20	1702.78	1692.16	1669.88	1663.42	1682.74	1686.52	1685.33
30	1704.98	1695.29	1677.48	1647.80	1641.94	1615.48	1600.38	1612.24	1614.62	1612.05
33	1649.47	1633.64	1621.06	1595.34	1588.63	1562.69	1538.27	1532.15	1543.47	1530.90
36	1586.88	1569.54	1557.47	1528.55	1516.82	1503.92	1472.31	1447.30	1472.81	1446.31
39	1522.51	1508.33	1481.62	1452.26	1428.77	1420.94	1409.89	1370.15	1400.41	1367.71
42	1456.47	1444.64	1415.19	1384.18	1353.70	1332.25	1334.02	1294.66	1324.76	1291.24
45	1393.86	1379.91	1350.13	1320.79	1287.63	1243.54	1250.09	1217.14	1244.70	1215.54
48	1330.27	1309.57	1278.24	1244.79	1221.83	1169.35	1162.89	1139.72	1160.21	1139.13
51	1264.63	1234.37	1206.58	1165.25	1136.73	1103.41	1056.32	1063.83	1071.58	1060.88
54	1190.94	1167.30	1136.13	1094.49	1037.48	1009.78	967.81	977.52	979.40	971.85
57	1117.56	1102.29	1063.98	1018.30	959.64	910.63	877.82	886.99	884.67	884.08
60	1045.56	1033.98	979.20	932.04	885.42	813.98	796.00	794.18	789.53	795.86
63	985.89	963.03	906.80	853.45	795.60	738.54	724.61	702.84	695.51	704.41
66	928.41	891.41	843.54	788.35	717.82	674.46	631.79	607.32	600.46	606.35
69	858.50	824.26	777.64	715.97	647.81	588.79	545.93	511.29	502.58	508.57
72	787.13	761.57	717.35	643.05	588.35	510.91	463.37	417.19	404.79	412.95
75	725.65	699.52	657.98	584.06	516.42	441.16	378.02	327.18	310.67	322.06
78	674.03	637.68	594.25	525.50	450.44	378.79	305.07	243.77	221.82	239.53
81	621.21	584.92	526.96	465.55	389.14	321.26	242.86	162.97	133.62	161.04
84	558.77	531.27	469.72	414.43	340.23	274.69	185.36	111.84	70.49	111.37
87	523.19	477.56	415.65	373.82	292.77	212.73	135.92	70.23	23.36	62.78
90	471.95	427.42	386.99	313.45	236.66	177.06	104.72	41.50	0.86	39.27
93	176.45	192.91	165.56	143.89	110.98	91.97	51.85	15.74	1.30	12.30
96	21.22	21.00	16.86	14.81	12.29	8.87	7.31	2.66	0.42	1.37
99	3.75	1.48	0.74	0.21	0.28	0.04	0.04	0.23	0.04	0.08
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	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56
3	1978.05	1978.97	1978.04	1977.97	1978.38	1978.75	1979.15	1979.92	1980.38	1981.14
6	1961.74	1962.14	1961.59	1960.74	1960.74	1960.23	1960.43	1962.13	1964.66	1967.27
9	1941.80	1943.36	1944.09	1942.59	1940.23	1938.35	1938.46	1941.66	1948.84	1956.36
12	1917.39	1923.30	1925.23	1921.60	1918.82	1916.24	1916.37	1921.76	1933.92	1947.07
15	1881.50	1888.87	1889.58	1888.74	1889.87	1893.88	1896.27	1902.57	1913.40	1926.14
18	1830.90	1846.42	1848.79	1848.94	1854.79	1864.64	1871.67	1876.34	1884.58	1887.52
21	1785.44	1803.20	1810.22	1807.80	1817.77	1829.46	1832.82	1836.72	1846.88	1848.35
24	1734.38	1739.21	1756.56	1760.30	1775.35	1787.81	1787.34	1791.09	1804.36	1808.75
27	1668.01	1674.66	1696.93	1705.33	1727.35	1739.27	1743.17	1747.57	1754.48	1758.08
30	1599.32	1616.69	1638.27	1646.38	1671.35	1685.95	1696.63	1703.34	1700.23	1700.45
33	1532.03	1565.62	1584.03	1594.49	1616.13	1626.98	1638.41	1653.27	1644.35	1637.17
36	1463.68	1508.17	1513.68	1531.26	1556.82	1572.00	1573.94	1594.10	1585.91	1576.97
39	1399.74	1421.53	1425.52	1451.83	1479.80	1513.16	1515.31	1525.45	1526.51	1517.88
42	1324.31	1332.58	1354.27	1378.58	1406.14	1440.76	1452.03	1456.47	1461.98	1450.30
45	1241.46	1240.64	1295.31	1319.89	1337.80	1370.15	1382.25	1394.70	1395.48	1382.80
48	1157.01	1159.79	1225.27	1245.15	1267.81	1298.73	1315.21	1332.05	1328.48	1315.27
51	1057.83	1092.54	1131.26	1160.68	1198.04	1217.76	1256.73	1260.53	1264.66	1241.51
54	975.61	1002.91	1033.93	1093.50	1128.73	1143.07	1190.69	1187.73	1195.24	1169.33
57	884.88	910.18	961.29	1024.02	1058.27	1076.10	1120.61	1122.18	1124.04	1098.63
60	793.95	822.27	887.00	938.89	977.81	1013.65	1049.85	1059.92	1049.47	1031.19
63	718.12	746.52	792.22	856.89	907.11	950.31	985.46	995.01	979.92	963.85
66	627.45	673.21	711.40	785.97	838.29	882.36	919.11	926.16	913.00	894.73
69	542.62	584.70	639.74	709.18	766.68	815.79	848.68	855.07	848.91	829.99
72	459.43	511.80	577.90	637.79	709.30	754.12	781.78	789.86	790.45	769.40
75	374.53	443.64	504.77	580.48	653.43	692.51	718.84	736.39	731.74	706.93
78	301.13	379.59	441.31	521.27	586.17	628.26	661.21	684.61	674.45	641.50
81	238.62	313.54	378.80	452.62	508.98	562.37	597.49	618.36	609.54	577.27
84	180.00	264.90	325.53	406.60	460.89	506.49	546.99	558.60	557.08	521.60
87	136.90	214.90	287.69	348.08	412.06	453.21	490.01	511.20	506.92	468.01
90	100.95	170.93	235.99	311.29	364.66	393.91	455.76	480.71	448.88	416.67
93	50.96	94.56	127.26	178.29	204.16	255.01	225.50	242.12	214.47	240.76
96	7.93	10.85	17.19	22.11	27.04	34.44	29.01	21.26	22.30	32.71
99	0.07	0.08	0.49	0.65	2.55	5.41	6.12	3.21	4.66	6.70
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 : 44FSF48LED57DMVFR40.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	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56	1987.56
3	1981.86	1982.41	1983.12	1984.08	1983.92	1984.69	1985.12
6	1969.49	1969.93	1970.35	1970.74	1970.99	1970.83	1973.21
9	1960.17	1957.31	1950.93	1945.14	1946.21	1947.52	1953.06
12	1951.78	1942.42	1928.60	1915.81	1914.57	1919.31	1926.47
15	1925.94	1914.03	1894.56	1887.03	1890.19	1892.04	1895.27
18	1880.52	1868.70	1855.11	1857.99	1866.31	1868.46	1861.03
21	1835.66	1824.25	1817.16	1821.54	1834.27	1834.55	1823.35
24	1794.11	1784.17	1773.51	1771.90	1786.51	1785.04	1774.99
27	1749.60	1736.93	1722.86	1719.82	1722.05	1720.54	1710.75
30	1693.20	1676.45	1662.45	1663.58	1653.12	1647.81	1640.04
33	1632.65	1621.48	1610.15	1610.75	1585.90	1578.46	1572.92
36	1572.24	1565.13	1551.52	1549.78	1518.32	1509.37	1507.10
39	1503.24	1498.97	1476.26	1455.08	1450.10	1435.38	1438.30
42	1434.86	1422.06	1401.46	1369.28	1370.12	1353.93	1366.85
45	1362.20	1342.46	1322.24	1292.39	1287.39	1269.86	1292.17
48	1289.17	1266.80	1245.01	1219.17	1208.24	1189.77	1205.05
51	1220.18	1191.46	1166.68	1142.82	1118.97	1116.57	1101.47
54	1145.68	1110.81	1078.66	1048.67	1045.71	1030.49	1006.03
57	1073.61	1027.46	1001.44	963.95	957.82	938.76	937.24
60	1000.12	953.83	922.53	878.57	858.14	851.71	861.81
63	932.08	884.65	836.96	793.64	773.55	758.65	749.55
66	861.34	811.63	759.11	713.45	675.63	648.66	633.92
69	788.79	734.65	677.98	625.16	583.08	550.14	549.78
72	722.96	667.50	606.70	546.40	497.17	467.84	473.74
75	654.23	608.56	529.72	469.71	414.52	381.14	377.81
78	586.92	543.74	465.15	403.46	339.21	289.04	274.26

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

81	529.86	482.39	415.41	351.87	286.11	216.56	194.99
84	487.92	428.11	351.91	297.18	217.33	153.83	116.81
87	431.69	383.70	302.96	237.91	164.65	93.71	54.74
90	362.42	308.90	262.24	180.60	121.24	52.01	18.90
93	185.49	151.63	118.52	85.52	48.59	11.50	0.67
96	20.84	12.32	11.82	5.67	4.07	0.87	0.18
99	5.48	3.56	2.44	2.39	1.47	0.33	0.07
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
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	590.54	N.A.	9.30
0-30	1532.64	N.A.	24.20
0-40	2407.12	N.A.	38.00
0-60	4480.72	N.A.	70.80
0-80	5757.66	N.A.	91.00
0-90	6238.91	N.A.	98.60
10-90	6086.78	N.A.	96.20
20-40	1816.58	N.A.	28.70
20-50	2736.39	N.A.	43.20
40-70	2795.61	N.A.	44.20
60-80	1276.95	N.A.	20.20
70-80	554.94	N.A.	8.80
80-90	481.25	N.A.	7.60
90-110	89.01	N.A.	1.40
90-120	89.01	N.A.	1.40
90-130	89.01	N.A.	1.40
90-150	89.01	N.A.	1.40
90-180	89.01	N.A.	1.40
110-180	0.00	N.A.	0.00
0-180	6327.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	152.13
10-20	438.40
20-30	942.10
30-40	874.48
40-50	919.81
50-60	1153.79
60-70	722.01
70-80	554.94
80-90	481.25
90-100	88.72
100-110	0.29
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

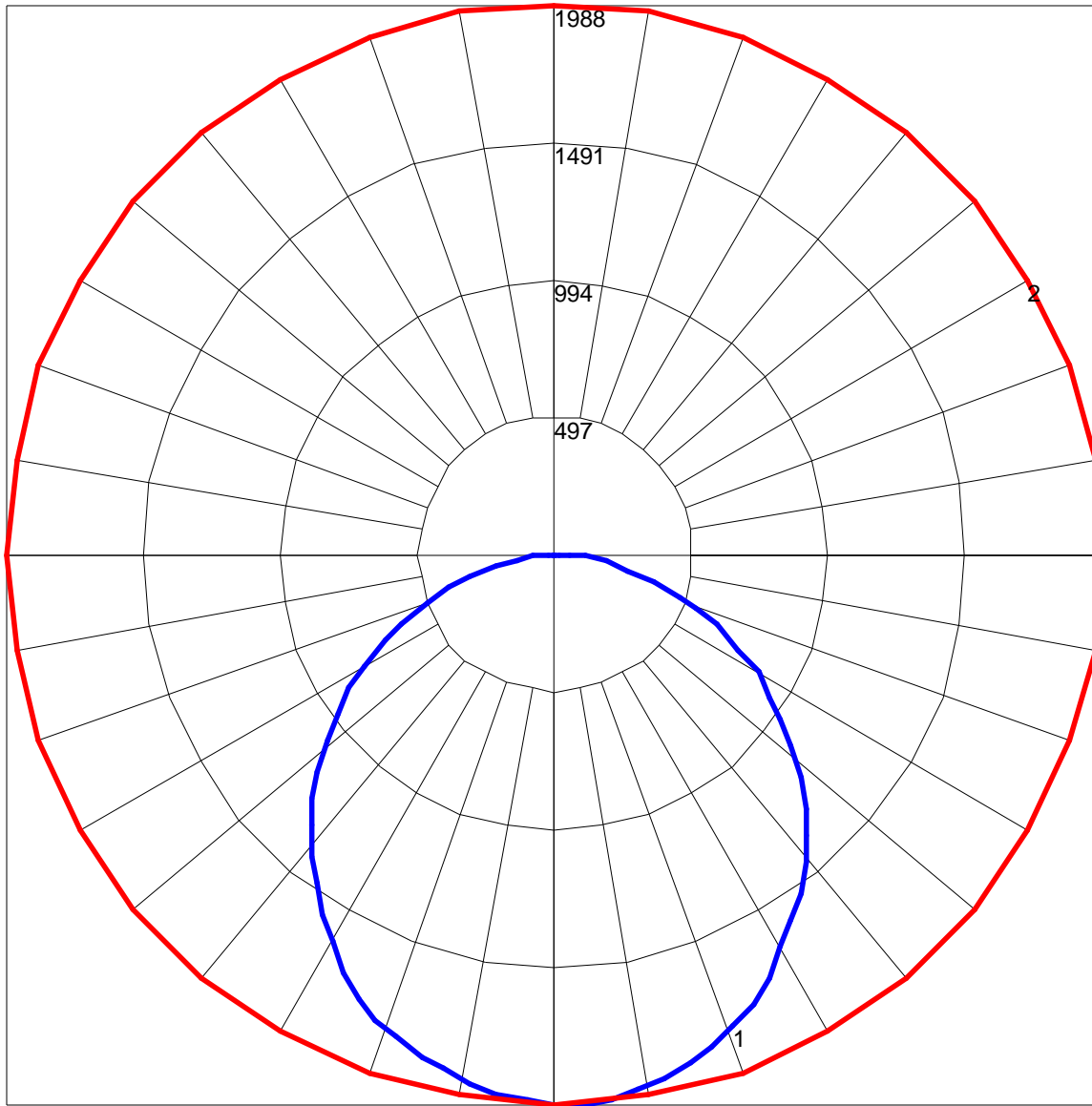
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 44FSF48LED57DMVFR40.IES

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	110	110	110	105	105	105	101	101	101	99
1	106	100	95	90	103	97	93	88	93	89	85	89	85	82	85	82	79	77
2	95	86	78	72	92	84	77	71	80	74	69	76	71	67	73	69	65	63
3	87	75	66	59	84	73	65	58	70	63	57	67	61	55	64	59	54	52
4	79	66	56	49	76	64	56	49	62	54	48	59	52	47	57	51	46	44
5	72	59	49	42	70	57	48	42	55	47	41	53	46	40	51	45	40	37
6	67	53	43	36	65	51	43	36	49	41	36	48	40	35	46	40	35	32
7	62	47	38	32	60	47	38	32	45	37	31	43	36	31	42	35	31	28
8	57	43	34	28	56	42	34	28	41	33	28	40	33	27	38	32	27	25
9	54	40	31	25	52	39	31	25	38	30	25	36	30	25	35	29	24	23
10	50	36	28	23	49	36	28	23	35	27	22	34	27	22	33	27	22	20

POLAR GRAPH



Maximum Candela = 1987.56 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.)