



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LI44SSF-48LED48DMVWH40.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] LLIA000534-001  
 [TESTLAB] LightLab International Allentown, LLC  
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA  
 [LUMCAT] LI44SSF-48LED48DMVWH40  
 [LUMINAIRE] Catalog Number: LI44SSF-48LED48DMVWH40  
 [MORE] Four-foot pendant mounted fixture with white steel housing, white enamel  
 [MORE] internal reflector and frosted acrylic lens enclosure  
 [MORE] 47 white LEDs  
 [MORE] One Osram Optotronic OT50W/PRG1400C/UNV/DIM/L LED power supply with output set at 1120mA  
 [MORE] 120.0Vac, 60.0Hz, 0.2836A, 33.85W, 0.995PF, 7.48%THD(i)  
 [OTHER] Absolute test - lamp lumens value set to -1  
 [MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.  
 [MORE] The sample was tested at a distance of 9.5m.  
 [MORE] This IES file created by LightLab/LSA Report program version 3.808a.  
 [DATE] This file created: Friday, January 22, 2016 9:47:55 AM  
 [ISSUE DATE] Friday, January 22, 2016 9:47:55 AM

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4581
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	47.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.08 m
Luminous Height	0.00 m

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**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15696	14817	13633
55	13734	12669	11430
65	11651	10642	9576
75	9383	8848	8249
85	7160	8429	8929

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	1934.132	1934.132	1934.132	1934.132	1934.132
<b>0.5</b>	1931.702	1927.112	1940.207	1938.519	1928.840
<b>1.0</b>	1931.661	1926.734	1939.842	1938.128	1928.745
<b>1.5</b>	1931.027	1926.261	1939.329	1937.547	1928.300
<b>2.0</b>	1930.298	1925.559	1938.479	1936.710	1927.544
<b>2.5</b>	1929.420	1924.614	1937.561	1935.725	1926.464
<b>3.0</b>	1928.219	1923.399	1936.170	1934.402	1925.195
<b>3.5</b>	1926.936	1921.941	1934.618	1932.728	1923.453
<b>4.0</b>	1925.384	1920.524	1932.863	1930.946	1922.076
<b>4.5</b>	1923.750	1918.742	1931.040	1928.921	1920.051
<b>5.0</b>	1921.712	1916.757	1928.826	1926.531	1917.945
<b>5.5</b>	1919.565	1914.611	1926.464	1923.966	1915.259
<b>6.0</b>	1917.297	1912.181	1923.858	1921.064	1912.397
<b>6.5</b>	1915.002	1909.602	1920.848	1918.067	1909.508
<b>7.0</b>	1911.992	1906.781	1917.878	1914.786	1906.187
<b>7.5</b>	1908.995	1903.838	1914.435	1911.357	1902.677
<b>8.0</b>	1906.038	1900.652	1910.898	1907.375	1898.762
<b>8.5</b>	1902.636	1897.290	1907.078	1903.406	1894.779
<b>9.0</b>	1899.099	1893.456	1903.109	1899.099	1890.405
<b>9.5</b>	1895.292	1889.676	1898.843	1894.617	1885.937
<b>10.0</b>	1891.539	1885.586	1894.253	1889.636	1880.888
<b>10.5</b>	1887.287	1881.279	1889.622	1884.519	1875.825
<b>11.0</b>	1882.791	1876.716	1884.762	1879.281	1870.547
<b>11.5</b>	1878.377	1871.991	1879.349	1873.544	1864.836
<b>12.0</b>	1873.652	1866.902	1873.976	1867.712	1858.869
<b>12.5</b>	1868.454	1861.880	1868.333	1861.637	1852.632
<b>13.0</b>	1863.513	1856.561	1862.271	1855.292	1846.139
<b>13.5</b>	1858.059	1850.823	1856.115	1848.488	1839.416
<b>14.0</b>	1852.376	1845.045	1849.784	1841.616	1832.544
<b>14.5</b>	1846.503	1838.822	1843.115	1834.353	1825.038
<b>15.0</b>	1840.563	1832.720	1836.203	1826.942	1817.505
<b>15.5</b>	1834.070	1826.213	1829.048	1819.179	1809.473
<b>16.0</b>	1827.738	1819.382	1821.596	1811.147	1801.535
<b>16.5</b>	1820.934	1812.632	1813.887	1802.979	1793.016
<b>17.0</b>	1814.036	1805.531	1806.152	1794.488	1784.430
<b>17.5</b>	1806.867	1798.025	1798.038	1785.659	1775.372
<b>18.0</b>	1799.496	1790.397	1789.614	1776.560	1766.030
<b>18.5</b>	1791.963	1782.554	1781.015	1767.218	1756.485
<b>19.0</b>	1784.160	1774.454	1772.010	1757.552	1746.630
<b>19.5</b>	1776.074	1766.435	1763.019	1747.656	1736.681
<b>20.0</b>	1768.082	1758.051	1753.704	1737.612	1726.259
<b>20.5</b>	1759.469	1749.155	1743.984	1727.136	1715.526
<b>21.0</b>	1750.910	1740.272	1734.143	1716.485	1704.726
<b>21.5</b>	1742.162	1731.213	1724.126	1705.631	1693.859
<b>22.0</b>	1732.793	1721.736	1713.663	1694.358	1682.127
<b>22.5</b>	1723.748	1712.057	1703.214	1682.897	1670.639
<b>23.0</b>	1714.203	1702.323	1692.522	1671.206	1658.597
<b>23.5</b>	1704.510	1692.158	1681.169	1659.191	1646.231
<b>24.0</b>	1694.534	1682.114	1670.207	1647.162	1633.878
<b>24.5</b>	1684.598	1671.651	1658.745	1634.810	1621.283
<b>25.0</b>	1674.243	1660.946	1646.906	1621.931	1608.107
<b>25.5</b>	1663.700	1650.038	1634.918	1609.173	1595.282
<b>26.0</b>	1653.102	1638.981	1622.997	1596.105	1581.768
<b>26.5</b>	1641.924	1627.547	1610.699	1582.646	1567.985

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**CANDELA TABULATION - (Cont.)**

27.0	1630.976	1616.099	1597.982	1569.132	1554.188
27.5	1619.447	1604.381	1585.278	1555.335	1540.053
28.0	1607.837	1592.433	1572.359	1541.241	1525.622
28.5	1596.375	1580.310	1559.142	1527.134	1511.312
29.0	1584.495	1568.079	1545.804	1512.743	1496.583
29.5	1572.237	1555.308	1532.088	1497.906	1481.585
30.0	1560.047	1542.902	1518.561	1483.272	1466.546
30.5	1547.424	1530.090	1504.643	1468.449	1451.547
31.0	1534.505	1516.793	1490.427	1453.073	1436.076
31.5	1521.990	1503.698	1476.131	1437.723	1420.605
32.0	1509.017	1490.306	1461.834	1422.333	1404.878
32.5	1495.557	1476.374	1447.187	1406.538	1388.786
33.0	1482.246	1462.914	1432.377	1391.027	1373.112
33.5	1468.922	1448.955	1417.554	1375.070	1356.791
34.0	1457.042	1434.794	1402.380	1358.964	1340.348
34.5	1444.784	1420.713	1387.341	1343.007	1323.932
35.0	1430.879	1406.457	1372.046	1326.672	1307.583
35.5	1416.420	1392.174	1356.386	1310.067	1290.776
36.0	1400.949	1378.971	1340.996	1293.665	1274.171
36.5	1385.546	1366.605	1325.498	1277.397	1257.620
37.0	1369.116	1352.498	1309.419	1260.711	1240.772
37.5	1354.428	1337.445	1293.732	1244.106	1223.978
38.0	1339.416	1321.475	1277.897	1227.420	1207.103
38.5	1324.202	1304.370	1261.751	1210.397	1189.944
39.0	1308.893	1287.603	1245.834	1193.805	1172.988
39.5	1293.462	1271.147	1229.661	1177.079	1156.248
40.0	1277.883	1255.298	1213.299	1160.001	1138.955
40.5	1262.318	1239.827	1197.180	1143.194	1122.174
41.0	1246.685	1223.991	1181.021	1126.400	1105.340
41.5	1230.498	1208.142	1164.456	1109.201	1088.276
42.0	1214.690	1192.293	1148.337	1092.569	1071.104
42.5	1198.665	1176.431	1132.056	1075.802	1054.283
43.0	1182.519	1160.366	1115.775	1058.711	1037.435
43.5	1166.495	1144.382	1100.547	1042.079	1020.546
44.0	1150.200	1128.344	1085.576	1025.312	1003.860
44.5	1133.649	1111.928	1070.267	1008.369	986.958
45.0	1117.517	1096.119	1054.890	991.953	970.596
45.5	1101.087	1079.973	1038.420	975.510	954.072
46.0	1084.509	1063.652	1020.938	958.635	937.238
46.5	1068.269	1047.546	1003.388	942.408	921.038
47.0	1052.001	1031.454	985.946	926.141	904.959
47.5	1035.383	1015.200	968.949	909.630	888.503
48.0	1019.088	999.149	952.142	893.511	872.465
48.5	1002.564	983.151	936.077	877.419	856.481
49.0	986.040	966.857	919.769	861.381	840.524
49.5	969.800	951.008	903.960	845.627	824.796
50.0	953.505	935.010	887.909	829.805	809.285
50.5	936.968	918.905	871.763	813.942	793.544
51.0	921.024	903.123	855.995	798.593	778.167
51.5	904.865	887.328	840.402	783.122	763.236
52.0	888.530	871.250	824.337	767.732	747.846
52.5	872.438	855.644	808.880	752.585	732.915
53.0	856.440	840.065	793.260	737.519	718.227
53.5	840.429	824.283	777.668	722.345	703.269
54.0	824.580	808.812	762.453	707.792	688.851
54.5	808.907	793.463	747.171	693.171	674.568

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**CANDELA TABULATION - (Cont.)**

55.0	793.152	777.762	731.646	678.429	660.123
55.5	779.706	762.629	716.769	664.227	646.218
56.0	763.992	747.522	701.798	650.106	632.340
56.5	746.469	732.119	686.894	635.864	618.314
57.0	730.593	717.755	672.138	621.945	604.827
57.5	715.244	704.282	657.491	608.175	591.395
58.0	699.773	688.730	642.789	594.392	577.787
58.5	684.680	672.557	628.479	580.986	564.705
59.0	669.708	657.761	614.304	567.648	551.759
59.5	654.332	642.978	599.927	554.243	538.731
60.0	639.590	628.466	586.062	541.377	526.176
60.5	624.834	614.075	572.130	528.498	513.716
61.0	609.822	599.535	558.198	515.592	501.053
61.5	595.256	585.347	544.590	503.024	488.687
62.0	580.797	571.334	531.144	490.725	476.807
62.5	566.177	557.024	517.631	478.170	464.751
63.0	552.123	543.132	504.414	466.101	453.236
63.5	537.827	529.281	491.319	454.194	441.477
64.0	523.368	515.417	478.211	442.193	429.840
64.5	509.625	501.768	465.534	430.637	418.554
65.0	495.788	488.133	452.858	419.108	407.484
65.5	482.369	474.404	440.208	407.552	396.360
66.0	469.382	461.174	427.815	396.414	385.466
66.5	454.761	448.025	415.638	385.277	374.720
67.0	441.167	434.714	403.475	374.247	363.974
67.5	427.977	422.091	391.554	363.528	353.673
68.0	414.734	408.848	379.782	352.931	343.413
68.5	401.666	395.942	368.118	342.306	333.140
69.0	388.760	383.427	356.576	331.938	323.204
69.5	375.867	370.818	345.344	321.827	313.281
70.0	363.083	358.304	333.950	311.567	303.480
70.5	350.609	346.059	323.001	301.725	294.044
71.0	338.337	333.990	312.282	291.911	284.594
71.5	326.282	321.935	301.536	282.272	275.319
72.0	313.848	310.284	290.912	272.741	266.288
72.5	301.968	298.647	280.571	263.534	257.378
73.0	289.886	286.956	270.216	254.246	248.684
73.5	278.424	275.765	260.091	245.376	239.963
74.0	266.976	264.560	250.101	236.318	231.525
74.5	255.704	253.652	240.192	227.651	223.074
75.0	244.526	242.960	230.580	219.240	214.961
75.5	233.712	232.268	221.144	210.789	206.982
76.0	222.656	221.738	211.748	202.514	198.936
76.5	212.274	211.626	202.649	194.522	191.228
77.0	201.987	201.582	193.739	186.638	183.695
77.5	191.633	191.619	184.950	178.740	176.216
78.0	181.805	182.075	176.405	171.207	169.047
78.5	171.909	172.544	167.967	163.742	161.987
79.0	162.122	163.161	159.651	156.411	154.791
79.5	152.780	154.211	151.659	149.310	147.879
80.0	143.721	145.301	143.870	142.277	141.116
80.5	134.609	136.539	136.094	135.270	134.231
81.0	125.874	128.169	128.615	128.453	127.778
81.5	117.410	119.907	121.406	121.703	121.176
82.0	109.026	111.794	114.183	115.088	114.858
82.5	100.616	103.883	107.150	108.594	108.540

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**CANDELA TABULATION - (Cont.)**

83.0	92.867	96.323	100.305	102.128	102.384
83.5	84.969	88.790	93.528	95.823	96.188
84.0	77.477	81.540	86.913	89.748	90.302
84.5	70.214	74.493	80.366	83.619	84.362
85.0	62.829	67.554	73.967	77.679	78.354
85.5	56.039	60.939	67.770	71.780	72.698
86.0	49.181	54.540	61.560	65.921	67.230
86.5	42.363	48.101	55.418	60.089	61.452
87.0	36.072	41.999	49.505	54.432	55.917
87.5	29.646	35.829	43.619	48.938	50.436
88.0	23.315	29.808	37.827	43.416	45.266
88.5	17.199	23.841	32.144	37.989	39.893
89.0	11.165	17.955	26.636	32.940	35.046
89.5	4.833	12.204	21.438	28.242	30.618
90.0	0.000	8.235	17.510	24.516	27.068
90.5	0.000	6.629	15.242	22.019	24.462
91.0	0.000	6.224	14.297	20.831	23.058
91.5	0.000	5.940	13.635	19.967	22.194
92.0	0.000	5.657	13.230	19.305	21.465
92.5	0.000	5.468	12.866	18.806	20.966
93.0	0.000	5.130	12.690	18.522	20.696
93.5	0.000	4.901	12.501	18.333	20.426
94.0	0.000	4.779	12.137	18.171	20.250
94.5	0.000	4.631	11.948	17.915	20.075
95.0	0.000	4.469	11.705	17.645	19.899
95.5	0.000	4.361	11.394	17.483	19.670
96.0	0.000	4.320	11.151	17.294	19.548
96.5	0.000	4.185	11.030	16.970	19.251
97.0	0.000	4.158	10.787	16.713	18.995
97.5	0.000	4.037	10.490	16.376	18.806
98.0	0.000	4.010	10.355	16.146	18.509
98.5	0.000	3.875	10.004	15.876	18.131
99.0	0.000	3.929	9.923	15.620	17.874
99.5	0.000	3.821	9.761	15.363	17.672
100.0	0.000	3.875	9.504	15.147	17.429
100.5	0.000	3.740	9.356	14.837	17.118
101.0	0.000	3.713	9.221	14.580	16.808
101.5	0.000	3.767	9.140	14.351	16.578
102.0	0.000	3.645	8.951	14.121	16.457
102.5	0.000	3.672	8.735	13.919	16.011
103.0	0.000	3.632	8.654	13.716	15.849
103.5	0.000	3.591	8.573	13.473	15.539
104.0	0.000	3.537	8.451	13.284	15.404
104.5	0.000	3.605	8.303	13.028	15.120
105.0	0.000	3.510	8.249	12.906	14.864
105.5	0.000	3.510	8.141	12.636	14.634
106.0	0.000	3.443	8.114	12.434	14.445
106.5	0.000	3.551	8.006	12.299	14.121
107.0	0.000	3.510	7.911	12.123	14.040
107.5	0.000	3.564	7.763	12.029	13.784
108.0	0.000	3.456	7.790	11.826	13.541
108.5	0.000	3.429	7.709	11.732	13.271
109.0	0.000	3.416	7.560	11.543	13.203
109.5	0.000	3.470	7.587	11.313	12.987
110.0	0.000	3.402	7.479	11.205	12.758
110.5	0.000	3.416	7.385	11.016	12.582

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**CANDELA TABULATION - (Cont.)**

111.0	0.000	3.267	7.304	10.868	12.353
111.5	0.000	3.308	7.196	10.854	12.258
112.0	0.000	3.240	7.169	10.679	12.110
112.5	0.000	3.335	7.007	10.490	12.015
113.0	0.000	3.267	7.074	10.382	11.624
113.5	0.000	3.267	6.980	10.193	11.502
114.0	0.000	3.240	6.912	10.044	11.394
114.5	0.000	3.105	6.831	9.923	11.259
115.0	0.000	3.146	6.723	9.774	11.057
115.5	0.000	3.173	6.696	9.693	10.922
116.0	0.000	3.159	6.602	9.599	10.787
116.5	0.000	3.119	6.561	9.518	10.652
117.0	0.000	3.119	6.453	9.356	10.611
117.5	0.000	3.105	6.507	9.221	10.395
118.0	0.000	3.065	6.345	9.153	10.220
118.5	0.000	2.997	6.237	9.005	10.247
119.0	0.000	2.957	6.251	8.870	10.058
119.5	0.000	3.038	6.183	8.802	9.882
120.0	0.000	2.903	6.048	8.721	9.720
120.5	0.000	2.903	6.116	8.640	9.558
121.0	0.000	2.984	6.021	8.505	9.464
121.5	0.000	2.957	5.994	8.397	9.315
122.0	0.000	2.916	5.940	8.289	9.194
122.5	0.000	2.781	5.846	8.195	9.099
123.0	0.000	2.795	5.900	8.100	8.856
123.5	0.000	2.889	5.792	8.033	8.816
124.0	0.000	2.876	5.697	7.884	8.613
124.5	0.000	2.795	5.711	7.736	8.586
125.0	0.000	2.795	5.711	7.763	8.532
125.5	0.000	2.754	5.603	7.655	8.465
126.0	0.000	2.781	5.603	7.574	8.330
126.5	0.000	2.741	5.481	7.533	8.208
127.0	0.000	2.741	5.400	7.439	8.154
127.5	0.000	2.781	5.454	7.304	8.046
128.0	0.000	2.714	5.400	7.196	7.871
128.5	0.000	2.727	5.292	7.128	7.830
129.0	0.000	2.741	5.319	7.061	7.695
129.5	0.000	2.808	5.184	7.034	7.641
130.0	0.000	2.781	5.238	6.899	7.560
130.5	0.000	2.700	5.063	6.885	7.479
131.0	0.000	2.795	5.103	6.804	7.304
131.5	0.000	0.000	5.063	6.656	7.425
132.0	0.000	0.000	4.914	6.669	7.115
132.5	0.000	2.727	4.914	6.561	7.169
133.0	0.000	0.000	4.887	6.440	7.047
133.5	0.000	0.000	4.752	6.413	6.993
134.0	0.000	0.000	4.793	6.332	6.831
134.5	0.000	0.000	4.698	6.264	6.804
135.0	0.000	0.000	4.617	6.156	6.696
135.5	0.000	0.000	4.509	6.062	6.507
136.0	0.000	0.000	4.550	5.940	6.534
136.5	0.000	0.000	4.415	5.859	6.318
137.0	0.000	0.000	4.374	5.832	6.264
137.5	0.000	0.000	4.280	5.630	6.129
138.0	0.000	0.000	4.212	5.535	6.035
138.5	0.000	0.000	4.104	5.441	5.886

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	0.000	0.000	3.969	5.198	5.670
139.5	0.000	0.000	3.902	5.252	5.643
140.0	0.000	0.000	3.875	5.238	5.670
140.5	0.000	0.000	3.767	5.022	5.373
141.0	0.000	0.000	3.726	4.982	5.306
141.5	0.000	0.000	3.605	4.793	5.184
142.0	0.000	0.000	3.470	4.752	5.036
142.5	0.000	0.000	3.389	4.617	4.901
143.0	0.000	0.000	3.402	4.550	5.009
143.5	0.000	0.000	3.227	4.388	4.806
144.0	0.000	0.000	3.173	4.361	4.577
144.5	0.000	0.000	3.051	4.212	4.577
145.0	0.000	0.000	2.970	4.158	4.482
145.5	0.000	0.000	2.957	4.037	4.320
146.0	0.000	0.000	2.903	4.037	4.307
146.5	0.000	0.000	2.727	3.794	4.239
147.0	0.000	0.000	2.768	3.753	4.158
147.5	0.000	0.000	0.000	3.645	4.010
148.0	0.000	0.000	0.000	3.483	3.888
148.5	0.000	0.000	0.000	3.389	3.713
149.0	0.000	0.000	0.000	3.240	3.605
149.5	0.000	0.000	0.000	3.146	3.551
150.0	0.000	0.000	0.000	2.943	3.375
150.5	0.000	0.000	0.000	2.889	3.173
151.0	0.000	0.000	0.000	0.000	3.065
151.5	0.000	0.000	0.000	0.000	2.930
152.0	0.000	0.000	0.000	0.000	2.822
152.5	0.000	0.000	0.000	0.000	2.700
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000



**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LI44SSF-48LED48DMVWH40.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	698.26	N.A.	15.20
0-30	1453.55	N.A.	31.70
0-40	2307.95	N.A.	50.40
0-60	3767.2	N.A.	82.20
0-80	4463.39	N.A.	97.40
0-90	4544.69	N.A.	99.20
10-90	4362.21	N.A.	95.20
20-40	1609.69	N.A.	35.10
20-50	2416.19	N.A.	52.70
40-70	1909.32	N.A.	41.70
60-80	696.18	N.A.	15.20
70-80	246.12	N.A.	5.40
80-90	81.30	N.A.	1.80
90-110	20.80	N.A.	0.50
90-120	27.10	N.A.	0.60
90-130	31.71	N.A.	0.70
90-150	35.93	N.A.	0.80
90-180	36.01	N.A.	0.80
110-180	15.21	N.A.	0.30
0-180	4580.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	182.48
10-20	515.78
20-30	755.29
30-40	854.40
40-50	806.50
50-60	652.76
60-70	450.07
70-80	246.12
80-90	81.30
90-100	12.23
100-110	8.56
110-120	6.31
120-130	4.61
130-140	2.82
140-150	1.39
150-160	0.08
160-170	0.00
170-180	0.00

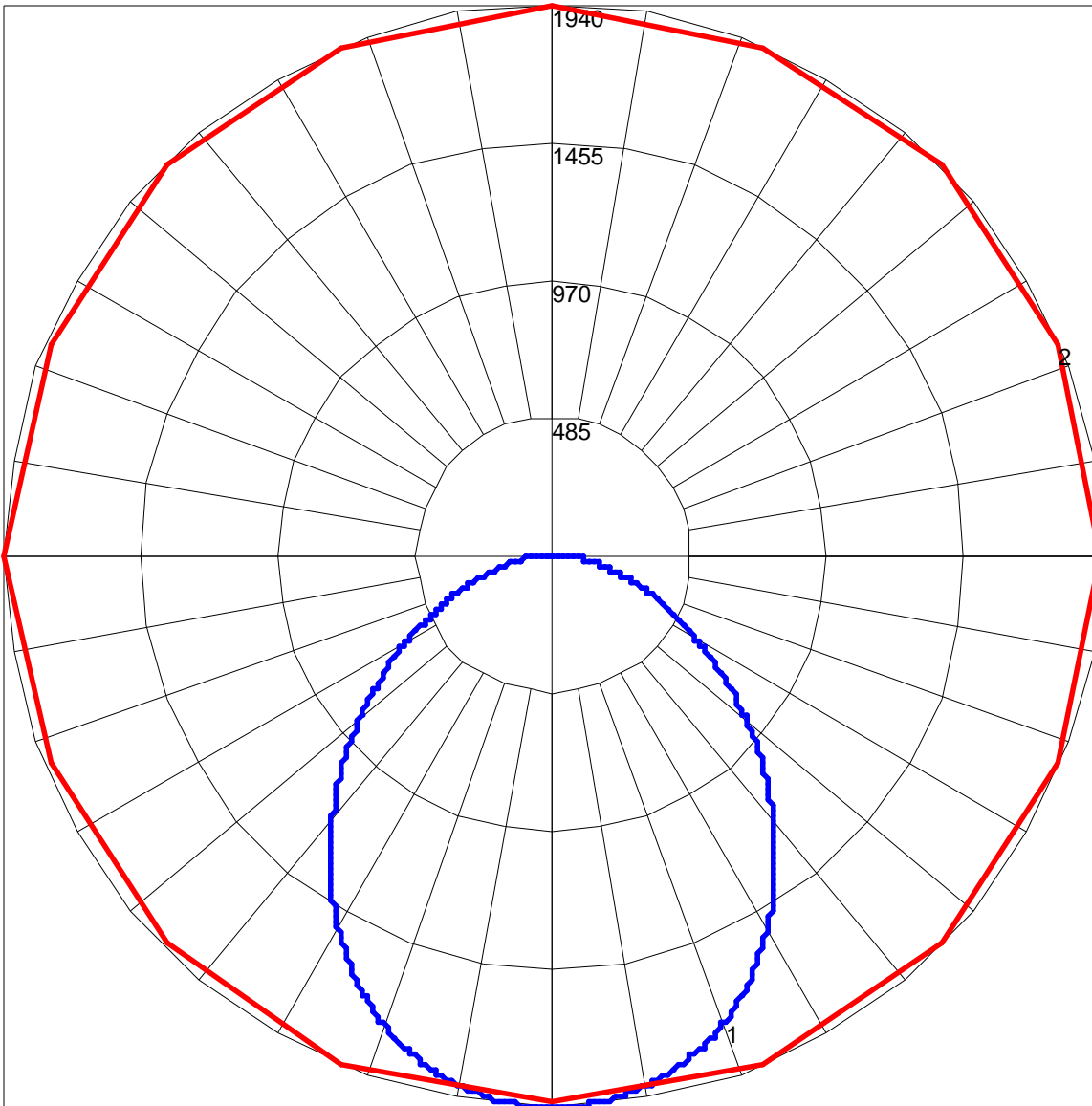
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LI44SSF-48LED48DMVWH40.IES**

**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	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	105	101	97	106	102	99	95	98	95	92	94	92	89	90	88	87	84
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	63	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	64	59	55	53
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	58	53	48	46
6	72	59	51	45	70	58	50	44	56	49	44	55	48	43	53	47	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	38	37
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	34	29	54	42	34	29	41	34	29	40	33	29	39	33	29	27

POLAR GRAPH



Maximum Candela = 1940.207 Located At Horizontal Angle = 45, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)