

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 4792061012.01
[TESTLAB] UL, LLC
[ISSUE DATE] 2025-12-23
[TEST DATE] 12/12/2025
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] 75W-4-L65-835-DIM-UNV
[LUMINAIRE] 75W WIDE LENS LED STRIP LUMINAIRE
[LAMP] LED
[BALLAST] 0-10V DIMMING DRIVER

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5994
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	42.3
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.71 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.08 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13152	11780	11665
55	11389	10085	10240
65	9573	8638	9126
75	7678	7546	8530
85	5632	7423	9013

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1939.939	1939.939	1939.939	1939.939	1939.939
0.5	1930.739	1938.099	1939.325	1938.712	1951.592
1.0	1930.739	1938.712	1938.712	1938.099	1950.978
1.5	1928.899	1938.712	1938.099	1937.485	1951.592
2.0	1928.286	1936.872	1938.099	1936.872	1949.752
2.5	1928.286	1936.872	1936.259	1936.259	1948.525
3.0	1926.446	1935.032	1935.032	1935.032	1947.299
3.5	1925.219	1933.192	1933.192	1933.805	1946.072
4.0	1923.992	1931.965	1931.965	1931.352	1944.845
4.5	1920.926	1930.126	1930.739	1930.126	1943.005
5.0	1919.086	1928.286	1928.286	1928.286	1941.165
5.5	1916.632	1925.832	1925.832	1926.446	1938.712
6.0	1915.406	1922.766	1923.379	1923.379	1936.259
6.5	1911.113	1920.312	1920.926	1920.926	1933.192
7.0	1908.659	1917.246	1917.859	1917.246	1930.739
7.5	1906.206	1913.566	1914.792	1914.792	1927.672
8.0	1903.139	1911.113	1911.113	1911.113	1923.379
8.5	1900.073	1906.819	1908.046	1908.046	1919.699
9.0	1895.166	1903.753	1904.366	1903.753	1915.406
9.5	1892.100	1899.459	1899.459	1899.459	1912.952
10.0	1887.193	1894.553	1894.553	1895.779	1908.046
10.5	1882.900	1890.260	1890.873	1890.873	1903.753
11.0	1878.606	1885.966	1886.580	1885.966	1898.846
11.5	1873.087	1881.060	1882.286	1881.060	1894.553
12.0	1868.180	1875.540	1876.766	1876.766	1889.033
12.5	1863.273	1870.020	1871.860	1870.633	1884.126
13.0	1857.753	1865.113	1866.340	1865.727	1878.606
13.5	1852.234	1858.980	1860.207	1860.207	1873.700
14.0	1845.487	1852.847	1854.074	1854.074	1866.953
14.5	1839.967	1846.714	1847.940	1847.940	1862.047
15.0	1834.447	1840.580	1841.194	1841.194	1854.687
15.5	1827.701	1833.221	1835.061	1835.061	1847.327
16.0	1820.341	1826.474	1828.314	1828.314	1841.194
16.5	1814.208	1819.114	1820.954	1821.567	1834.447
17.0	1805.621	1811.141	1813.594	1814.208	1827.087
17.5	1798.261	1803.781	1806.234	1806.848	1819.727
18.0	1791.515	1796.421	1798.261	1800.101	1812.981
18.5	1783.541	1789.061	1790.901	1792.128	1805.008
19.0	1775.568	1779.862	1782.928	1784.155	1796.421
19.5	1766.368	1772.502	1774.955	1777.408	1788.448
20.0	1756.555	1763.302	1766.368	1768.208	1779.862
20.5	1746.742	1755.329	1757.782	1760.235	1771.888
21.0	1738.769	1745.515	1747.355	1752.262	1763.302
21.5	1729.569	1736.316	1739.382	1741.836	1754.102
22.0	1719.756	1727.729	1730.796	1733.249	1746.129
22.5	1711.169	1716.689	1720.983	1724.663	1736.929
23.0	1700.743	1706.876	1711.169	1714.849	1727.116
23.5	1689.703	1696.450	1701.970	1705.650	1717.916
24.0	1678.663	1686.023	1691.543	1695.836	1708.103
24.5	1669.464	1675.597	1681.730	1685.410	1697.063
25.0	1659.037	1665.170	1671.917	1675.597	1687.250
25.5	1647.384	1654.744	1660.264	1665.784	1675.597
26.0	1636.344	1643.091	1650.451	1655.357	1666.397
26.5	1624.691	1631.438	1640.024	1644.317	1655.970

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1613.038	1619.171	1629.598	1635.117	1645.544
27.5	1599.545	1607.518	1617.944	1622.851	1635.117
28.0	1589.732	1595.865	1606.291	1611.811	1623.464
28.5	1576.852	1584.212	1594.638	1600.158	1611.811
29.0	1564.585	1571.945	1582.372	1589.118	1600.771
29.5	1551.706	1559.065	1570.105	1576.852	1588.505
30.0	1538.826	1546.799	1557.839	1566.425	1578.078
30.5	1525.333	1533.306	1546.186	1554.772	1565.812
31.0	1512.453	1520.426	1533.306	1542.506	1552.932
31.5	1498.960	1508.160	1521.039	1530.853	1541.892
32.0	1486.080	1494.053	1508.773	1517.973	1529.013
32.5	1471.974	1480.560	1495.893	1505.706	1516.746
33.0	1458.481	1467.680	1481.787	1493.440	1504.480
33.5	1445.601	1454.187	1469.520	1479.947	1491.600
34.0	1430.268	1440.081	1456.027	1467.680	1479.947
34.5	1416.161	1426.588	1443.148	1454.187	1466.454
35.0	1403.282	1411.868	1430.268	1441.921	1453.574
35.5	1386.722	1398.375	1416.161	1428.428	1440.081
36.0	1373.842	1383.655	1402.668	1414.935	1427.201
36.5	1357.896	1368.936	1388.562	1402.055	1414.935
37.0	1343.176	1354.829	1374.455	1387.949	1402.055
37.5	1327.843	1339.496	1360.962	1375.682	1387.949
38.0	1312.510	1324.776	1346.243	1361.576	1373.229
38.5	1296.564	1309.443	1332.136	1348.696	1359.736
39.0	1282.457	1294.110	1317.416	1334.589	1348.696
39.5	1266.511	1280.004	1303.310	1320.483	1333.976
40.0	1249.338	1264.057	1288.590	1307.603	1319.870
40.5	1233.391	1248.724	1274.484	1294.110	1306.377
41.0	1218.672	1233.391	1259.764	1280.004	1292.270
41.5	1202.725	1218.058	1245.044	1265.897	1278.777
42.0	1186.779	1202.725	1230.325	1252.404	1265.284
42.5	1171.446	1186.779	1214.992	1238.298	1251.178
43.0	1154.273	1171.446	1200.885	1224.805	1237.685
43.5	1139.553	1155.499	1185.552	1210.698	1224.191
44.0	1122.993	1139.553	1170.219	1197.205	1210.085
44.5	1107.660	1124.220	1154.886	1182.486	1195.979
45.0	1091.714	1108.274	1140.166	1169.606	1183.099
45.5	1075.767	1092.940	1125.447	1156.113	1169.606
46.0	1059.821	1076.994	1109.500	1141.393	1155.499
46.5	1043.875	1061.048	1096.007	1129.126	1142.006
47.0	1027.315	1045.715	1080.674	1114.407	1128.513
47.5	1011.369	1029.768	1065.341	1100.300	1114.407
48.0	996.036	1013.822	1050.008	1087.421	1100.300
48.5	978.863	998.489	1035.901	1072.701	1086.807
49.0	963.529	981.929	1019.955	1058.594	1072.701
49.5	947.583	966.596	1005.235	1045.101	1059.208
50.0	931.023	950.650	990.516	1030.382	1045.101
50.5	915.690	935.317	975.183	1018.115	1032.222
51.0	899.744	919.370	961.689	1004.009	1018.728
51.5	884.411	903.424	946.356	990.516	1005.235
52.0	867.851	888.091	931.637	976.409	991.742
52.5	851.905	872.144	917.530	962.303	978.863
53.0	835.345	856.811	902.811	950.036	964.756
53.5	819.399	841.478	888.704	935.930	951.876
54.0	804.066	826.145	874.598	922.437	938.997
54.5	789.346	810.199	860.491	910.170	926.117

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	774.013	795.479	846.385	896.064	914.464
55.5	761.133	780.146	832.278	883.184	900.357
56.0	746.413	766.653	818.785	870.304	887.477
56.5	731.080	752.547	804.679	857.425	875.211
57.0	716.361	738.440	791.186	844.545	862.331
57.5	701.027	723.720	779.533	832.278	848.225
58.0	685.694	709.001	766.040	818.785	837.798
58.5	670.975	694.281	752.547	807.132	825.532
59.0	656.255	679.561	739.667	796.706	812.652
59.5	641.535	665.455	728.014	783.826	802.839
60.0	626.815	650.735	715.134	771.560	790.573
60.5	612.402	636.629	702.254	759.906	778.306
61.0	597.928	622.522	689.374	748.253	766.653
61.5	583.576	608.538	676.495	736.600	755.613
62.0	569.470	594.677	664.228	725.560	743.960
62.5	555.547	580.939	651.348	714.521	732.920
63.0	541.441	567.262	639.082	702.867	723.107
63.5	527.457	553.769	627.429	691.828	712.067
64.0	513.841	540.460	615.162	680.175	701.027
64.5	500.287	527.457	603.509	669.135	689.988
65.0	486.855	514.393	591.795	658.095	679.561
65.5	473.608	501.636	580.203	647.055	668.521
66.0	460.176	488.879	568.734	636.015	658.095
66.5	447.051	476.429	557.326	625.589	647.668
67.0	434.232	464.101	545.980	614.549	637.242
67.5	421.352	451.957	534.878	604.245	626.815
68.0	408.657	440.120	523.839	593.819	617.002
68.5	396.145	428.344	513.044	583.699	606.760
69.0	383.694	416.691	502.372	573.518	597.069
69.5	371.428	405.283	491.823	563.643	587.440
70.0	359.223	394.060	481.458	553.953	577.872
70.5	347.324	382.958	471.093	544.262	568.427
71.0	335.549	371.980	460.912	534.694	559.105
71.5	323.896	361.247	450.976	525.372	549.905
72.0	312.488	350.452	441.040	516.111	540.950
72.5	301.019	340.026	431.350	507.034	532.057
73.0	289.856	329.661	421.720	498.079	523.103
73.5	279.000	319.418	412.398	489.186	514.393
74.0	268.267	309.482	402.953	480.599	505.623
74.5	257.718	299.485	393.937	472.074	497.343
75.0	247.230	289.733	384.982	463.733	489.309
75.5	236.926	280.227	376.151	455.453	481.151
76.0	226.929	270.904	367.564	447.235	473.178
76.5	216.993	261.705	359.039	439.200	465.205
77.0	207.180	252.566	350.636	431.227	457.477
77.5	197.551	243.673	342.357	423.499	449.811
78.0	188.045	234.964	334.322	415.894	442.267
78.5	178.722	226.377	326.349	408.227	434.784
79.0	169.584	218.036	318.621	400.806	427.424
79.5	160.506	209.756	311.016	393.569	420.064
80.0	151.552	201.599	303.411	386.393	413.073
80.5	142.843	193.687	296.051	379.156	405.958
81.0	134.379	185.898	288.998	372.164	399.028
81.5	125.792	178.293	281.944	365.233	392.097
82.0	117.513	170.872	275.075	358.548	385.412
82.5	109.417	163.573	268.329	351.863	378.849

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	101.444	156.459	261.705	345.423	372.471
83.5	93.532	149.528	255.387	338.861	365.847
84.0	85.804	142.781	249.254	332.666	359.530
84.5	78.137	136.280	243.244	326.533	353.335
85.0	70.777	129.963	237.356	320.461	347.140
85.5	63.418	123.952	231.591	314.573	341.130
86.0	56.180	118.187	225.948	308.808	335.181
86.5	49.004	112.790	220.612	303.043	329.231
87.0	41.951	107.577	215.215	297.584	323.405
87.5	34.898	102.731	210.124	292.064	317.824
88.0	27.906	98.009	205.095	286.728	312.181
88.5	20.853	93.593	200.250	281.454	306.723
89.0	14.413	89.422	195.650	276.363	301.325
89.5	9.139	85.558	191.173	271.456	296.051
90.0	5.459	82.124	187.063	266.795	291.205
90.5	3.864	79.119	183.261	262.134	286.054
91.0	4.109	76.359	179.397	257.411	281.147
91.5	4.907	73.721	175.533	252.934	276.240
92.0	5.827	71.513	171.853	248.396	271.456
92.5	6.808	69.612	168.725	244.041	266.734
93.0	7.789	67.956	165.474	239.932	262.195
93.5	8.832	66.668	162.408	235.884	257.902
94.0	9.936	65.564	159.525	232.081	253.731
94.5	10.978	64.767	156.827	228.217	249.438
95.0	12.021	64.154	154.312	224.415	245.329
95.5	13.002	63.724	151.981	220.796	241.281
96.0	13.800	63.540	149.957	217.300	237.294
96.5	14.597	63.540	147.933	214.050	233.614
97.0	15.333	63.602	146.093	210.922	229.935
97.5	16.130	63.847	144.376	207.916	226.561
98.0	16.805	64.092	142.843	204.972	223.127
98.5	17.602	64.399	141.555	202.151	219.937
99.0	18.400	64.767	140.205	199.514	216.809
99.5	19.258	65.196	139.040	196.999	213.743
100.0	19.994	65.625	138.120	194.669	210.983
100.5	20.853	66.116	137.200	192.399	208.162
101.0	21.589	66.607	136.526	190.253	205.647
101.5	22.325	67.097	135.851	188.229	203.071
102.0	23.000	67.588	135.360	186.327	200.802
102.5	23.674	68.079	134.870	184.549	198.532
103.0	24.349	68.631	134.502	182.770	196.508
103.5	25.085	69.183	134.195	181.237	194.423
104.0	25.882	69.673	133.888	179.826	192.522
104.5	26.680	70.225	133.704	178.477	190.743
105.0	27.416	70.777	133.520	177.250	189.026
105.5	28.090	71.268	133.336	175.962	187.554
106.0	28.887	71.881	133.275	174.858	186.082
106.5	29.623	72.433	133.275	173.816	184.610
107.0	30.359	73.047	133.275	172.834	183.383
107.5	31.034	73.537	133.275	172.098	182.095
108.0	31.893	74.151	133.275	171.240	180.807
108.5	32.690	74.764	133.336	170.626	179.949
109.0	33.487	75.255	133.459	169.829	179.090
109.5	34.346	75.807	133.520	169.277	178.170
110.0	35.205	76.359	133.643	168.664	177.434
110.5	36.063	76.911	133.766	168.112	176.760

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

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111.0	36.922	77.463	133.827	167.621	176.024
111.5	37.781	77.953	133.888	167.253	175.410
112.0	38.701	78.505	134.011	166.885	174.674
112.5	39.621	79.057	134.134	166.456	174.000
113.0	40.602	79.609	134.318	166.149	173.693
113.5	41.522	80.100	134.318	165.842	173.264
114.0	42.503	80.591	134.440	165.597	172.834
114.5	43.423	81.143	134.563	165.290	172.466
115.0	44.405	81.572	134.686	165.106	172.160
115.5	45.386	82.124	134.686	164.922	171.853
116.0	46.306	82.615	134.870	164.677	171.485
116.5	47.164	83.105	134.992	164.432	171.362
117.0	48.146	83.657	135.115	164.432	171.056
117.5	49.066	84.086	135.238	164.186	170.872
118.0	49.863	84.516	135.360	164.064	170.626
118.5	50.783	84.945	135.422	163.880	170.565
119.0	51.580	85.374	135.544	163.696	170.197
119.5	52.439	85.681	135.667	163.512	170.136
120.0	53.236	85.988	135.606	163.389	169.829
120.5	54.034	86.356	135.667	163.144	169.768
121.0	54.831	86.601	135.790	162.960	169.522
121.5	55.690	86.908	135.728	162.714	169.400
122.0	56.487	87.276	135.728	162.592	169.216
122.5	57.284	87.644	135.790	162.346	168.786
123.0	58.082	88.012	135.728	162.101	168.725
123.5	58.818	88.318	135.606	161.917	168.357
124.0	59.431	88.564	135.606	161.733	168.296
124.5	60.044	88.809	135.606	161.426	168.050
125.0	60.658	89.116	135.483	161.120	167.805
125.5	61.271	89.300	135.360	160.936	167.498
126.0	61.823	89.545	135.299	160.568	167.253
126.5	62.314	89.852	135.176	160.322	167.069
127.0	62.866	89.974	135.054	160.016	166.824
127.5	63.295	90.158	134.870	159.709	166.394
128.0	63.847	90.158	134.808	159.341	166.149
128.5	64.276	90.281	134.563	159.034	165.904
129.0	64.706	90.404	134.318	158.728	165.597
129.5	65.074	90.588	133.888	158.237	165.229
130.0	65.380	90.710	133.459	157.931	164.861
130.5	65.687	90.833	132.968	157.563	164.432
131.0	65.871	91.017	132.478	157.011	164.002
131.5	66.116	91.201	131.987	156.520	163.573
132.0	66.361	91.385	131.435	156.213	163.205
132.5	66.484	91.446	130.822	155.600	162.653
133.0	66.668	91.508	130.576	155.048	161.978
133.5	66.729	91.446	130.208	154.619	161.672
134.0	66.791	91.324	129.963	154.128	161.242
134.5	66.975	91.078	129.656	153.576	160.445
135.0	67.159	90.894	129.288	152.840	159.832
135.5	67.097	90.404	128.982	152.349	159.341
136.0	67.220	90.342	128.552	151.736	158.728
136.5	67.343	90.158	128.246	151.061	158.115
137.0	67.404	89.852	127.755	150.509	157.440
137.5	67.465	89.545	127.326	149.773	156.827
138.0	67.588	89.361	126.712	149.160	156.091
138.5	67.588	89.116	125.915	148.485	155.539

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	67.527	88.932	124.995	147.688	154.680
139.5	67.527	88.686	123.891	146.829	154.067
140.0	67.527	88.380	122.664	146.032	153.208
140.5	67.527	88.196	121.560	145.051	152.288
141.0	67.527	88.073	120.334	144.008	151.552
141.5	67.527	87.828	119.107	143.088	150.816
142.0	67.465	87.705	117.942	141.923	150.019
142.5	67.404	87.521	116.715	140.880	149.099
143.0	67.343	87.337	115.550	139.899	148.179
143.5	67.343	87.092	114.201	138.856	147.320
144.0	67.343	86.785	113.035	138.059	146.339
144.5	67.527	86.540	111.870	137.139	145.480
145.0	67.772	86.294	110.582	136.342	144.499
145.5	68.201	85.988	109.417	135.544	143.517
146.0	68.753	85.742	108.313	134.686	142.597
146.5	69.305	85.497	107.393	133.766	141.555
147.0	69.857	85.190	106.350	132.846	140.512
147.5	70.348	85.068	105.553	131.926	139.470
148.0	70.900	84.822	104.694	130.883	138.366
148.5	71.391	84.761	104.019	129.902	137.262
149.0	72.004	84.761	103.283	128.920	136.280
149.5	72.433	84.945	102.609	127.878	135.054
150.0	72.924	85.068	101.934	126.896	133.766
150.5	73.353	85.129	101.198	125.792	132.416
151.0	73.660	85.313	100.217	124.688	130.822
151.5	73.967	85.374	99.174	123.523	129.350
152.0	74.335	85.497	98.193	122.296	127.878
152.5	74.703	85.620	97.273	121.009	126.283
153.0	74.948	85.681	96.292	119.537	124.995
153.5	75.255	85.865	95.249	118.003	123.523
154.0	75.500	85.804	94.329	116.286	122.296
154.5	75.807	85.865	93.532	114.630	121.070
155.0	75.929	85.988	92.734	112.729	120.150
155.5	76.175	86.049	91.937	110.950	119.169
156.0	76.359	86.049	91.385	109.049	118.310
156.5	76.665	86.049	90.833	107.147	117.206
157.0	76.788	86.172	90.281	105.430	116.163
157.5	76.972	86.172	89.913	103.774	114.998
158.0	77.217	86.110	89.729	102.057	113.894
158.5	77.279	86.110	89.484	100.646	112.606
159.0	77.585	85.926	89.300	99.297	111.502
159.5	77.831	85.804	88.993	98.009	110.275
160.0	78.137	85.681	88.686	96.966	109.049
160.5	78.505	85.620	88.441	95.985	107.883
161.0	78.751	85.436	88.380	94.942	106.718
161.5	79.119	85.374	88.257	93.900	105.859
162.0	79.425	85.252	88.441	93.041	105.123
162.5	79.732	85.252	88.564	92.121	104.265
163.0	80.100	85.190	88.625	91.140	103.529
163.5	80.407	85.190	88.748	90.097	102.609
164.0	80.529	85.190	88.870	88.809	101.750
164.5	80.713	85.068	88.748	87.828	100.646
165.0	80.897	85.068	88.564	86.846	99.542
165.5	81.081	85.006	88.380	86.172	98.377
166.0	81.265	84.945	88.257	85.436	96.598
166.5	81.449	84.945	88.073	84.822	95.740

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	81.695	84.945	87.889	84.270	95.065
167.5	81.817	84.945	87.521	83.780	94.390
168.0	82.001	84.945	87.214	83.289	93.838
168.5	82.369	84.700	86.785	82.860	93.164
169.0	82.553	84.761	86.478	82.431	92.489
169.5	82.860	84.577	85.988	81.940	91.753
170.0	82.983	84.516	85.558	81.327	91.078
170.5	83.167	84.393	85.006	80.652	90.342
171.0	83.289	84.270	84.393	79.916	89.422
171.5	83.473	84.270	83.841	79.241	88.686
172.0	83.780	84.148	83.535	78.567	87.582
172.5	83.964	84.148	83.167	77.831	86.356
173.0	84.209	84.025	82.860	77.156	84.270
173.5	84.516	84.086	82.737	76.481	81.143
174.0	84.761	84.086	82.676	75.929	77.279
174.5	84.945	84.086	82.553	75.377	72.679
175.0	85.313	84.270	82.492	74.948	67.465
175.5	85.436	84.332	82.431	74.764	62.007
176.0	85.681	84.454	82.431	74.580	58.450
176.5	85.742	84.516	82.369	74.580	55.935
177.0	85.988	84.638	82.247	74.396	53.359
177.5	86.049	84.638	82.063	74.335	52.807
178.0	86.294	84.761	82.001	74.273	52.930
178.5	86.417	84.822	82.063	74.151	53.052
179.0	86.540	84.822	82.001	73.967	53.114
179.5	86.662	84.822	81.940	73.905	53.175
180.0	77.708	77.708	77.708	77.708	77.708

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	702.18	N.A.	11.70
0-30	1471.3	N.A.	24.50
0-40	2363.44	N.A.	39.40
0-60	3999.81	N.A.	66.70
0-80	4983.05	N.A.	83.10
0-90	5230.33	N.A.	87.30
10-90	5047.27	N.A.	84.20
20-40	1661.26	N.A.	27.70
20-50	2539.8	N.A.	42.40
40-70	2219.27	N.A.	37.00
60-80	983.24	N.A.	16.40
70-80	400.34	N.A.	6.70
80-90	247.28	N.A.	4.10
90-110	288.83	N.A.	4.80
90-120	410.42	N.A.	6.80
90-130	522.33	N.A.	8.70
90-150	685.72	N.A.	11.40
90-180	763.83	N.A.	12.70
110-180	475.00	N.A.	7.90
0-180	5994.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	183.06
10-20	519.12
20-30	769.12
30-40	892.14
40-50	878.54
50-60	757.84
60-70	582.90
70-80	400.34
80-90	247.28
90-100	158.44
100-110	130.39
110-120	121.59
120-130	111.91
130-140	94.04
140-150	69.35
150-160	45.34
160-170	24.98
170-180	7.78

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87
1	105	100	95	91	101	96	92	89	90	86	83	84	81	79	78	76	74	71
2	95	87	80	74	92	84	78	72	78	73	69	73	69	65	68	65	62	59
3	87	76	68	62	83	74	66	60	69	63	58	65	60	55	61	56	53	50
4	80	68	59	52	76	66	58	51	62	55	49	58	52	47	54	49	45	43
5	73	61	52	45	70	59	51	44	55	48	43	52	46	41	49	44	40	37
6	68	55	46	40	65	53	45	39	50	43	38	47	41	36	44	39	35	33
7	63	50	41	35	60	48	40	34	46	38	33	43	37	32	41	35	31	29
8	59	45	37	31	56	44	36	31	42	35	30	40	33	29	37	32	28	26
9	55	42	34	28	53	41	33	28	38	32	27	36	30	26	35	29	25	23
10	51	38	31	25	49	37	30	25	36	29	24	34	28	24	32	27	23	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

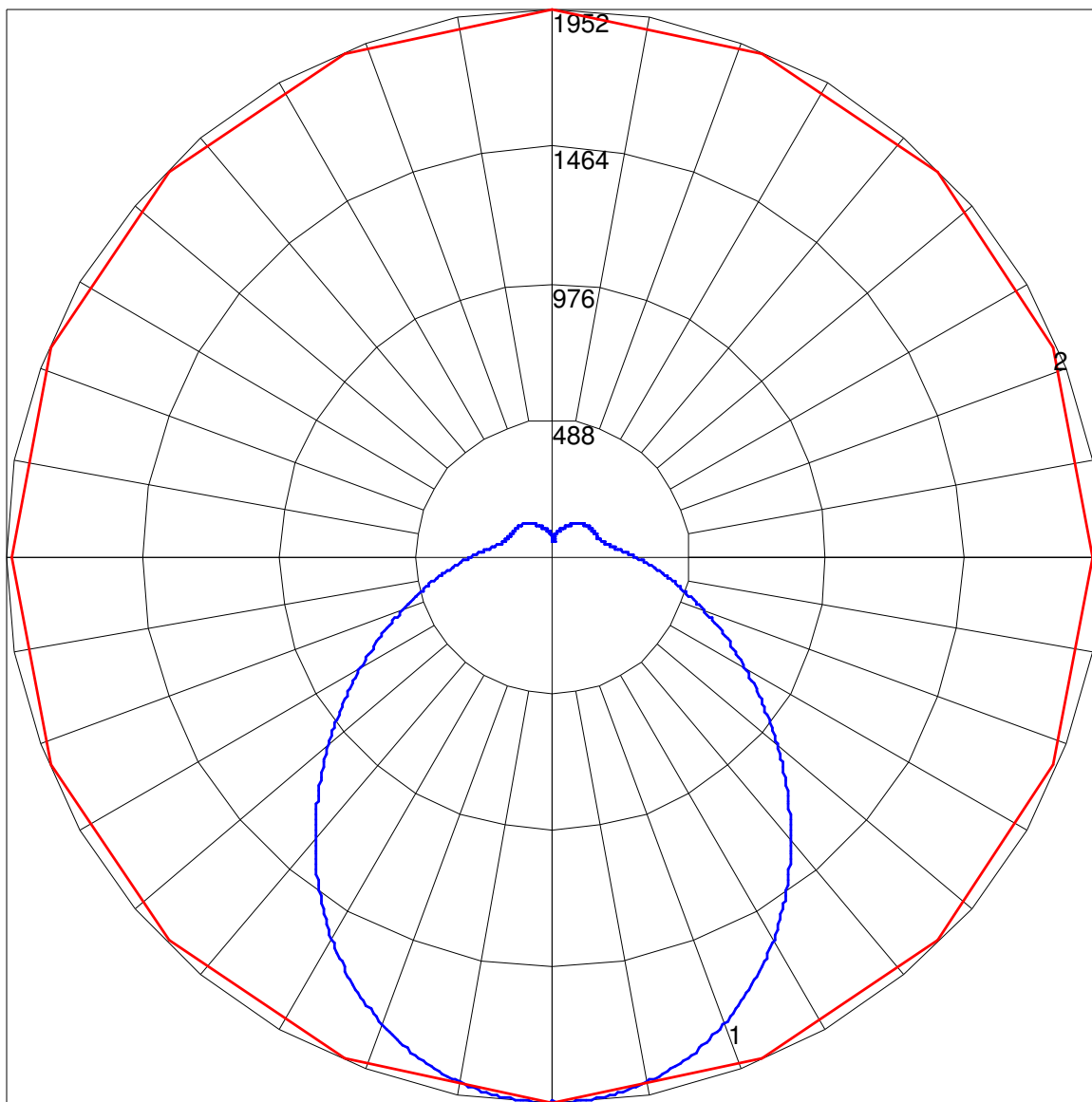
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	18.0	19.4	18.6	19.9	20.5	19.7	21.0	20.2	21.6	22.2
	3H	19.4	20.6	19.9	21.2	21.8	21.9	23.1	22.4	23.7	24.3
	4H	19.8	21.0	20.4	21.6	22.2	22.9	24.1	23.5	24.7	25.4
	6H	20.1	21.2	20.7	21.8	22.5	24.1	25.1	24.7	25.7	26.4
	8H	20.2	21.2	20.8	21.8	22.5	24.6	25.7	25.3	26.3	27.0
	12H	20.2	21.2	20.8	21.8	22.5	25.3	26.3	25.9	26.9	27.6
4H	2H	18.7	19.9	19.3	20.5	21.2	20.1	21.2	20.7	21.8	22.5
	3H	20.3	21.3	20.9	21.9	22.6	22.5	23.5	23.1	24.1	24.8
	4H	20.9	21.8	21.5	22.4	23.2	23.8	24.6	24.4	25.3	26.0
	6H	21.3	22.1	22.0	22.8	23.5	25.1	25.9	25.7	26.5	27.3
	8H	21.4	22.2	22.1	22.8	23.6	25.8	26.5	26.4	27.2	27.9
	12H	21.5	22.2	22.2	22.9	23.6	26.6	27.2	27.2	27.9	28.7
8H	4H	21.5	22.2	22.1	22.9	23.6	23.9	24.7	24.6	25.3	26.1
	6H	22.1	22.7	22.7	23.4	24.1	25.4	26.1	26.1	26.8	27.5
	8H	22.3	22.8	22.9	23.5	24.3	26.3	26.9	27.0	27.6	28.3
	12H	22.4	22.9	23.1	23.6	24.4	27.3	27.8	28.0	28.5	29.3
12H	4H	21.6	22.3	22.3	23.0	23.7	23.9	24.6	24.6	25.3	26.1
	6H	22.3	22.9	23.0	23.6	24.4	25.5	26.1	26.2	26.7	27.5
	8H	22.6	23.1	23.3	23.8	24.6	26.4	26.9	27.1	27.6	28.4

Maximum UGR = 29.3

POLAR GRAPH



Maximum Candela = 1951.592 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)