

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L85-950-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-L85-950-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	7207
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	56.2
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	15814	14165	14025
55	13694	12126	12313
65	11511	10386	10973
75	9232	9073	10257
85	6772	8925	10837

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-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	2332.594	2332.594	2332.594	2332.594	2332.594
0.5	2321.532	2330.381	2331.856	2331.119	2346.605
1.0	2321.532	2331.119	2331.119	2330.381	2345.868
1.5	2319.319	2331.119	2330.381	2329.644	2346.605
2.0	2318.582	2328.906	2330.381	2328.906	2344.393
2.5	2318.582	2328.906	2328.169	2328.169	2342.918
3.0	2316.369	2326.694	2326.694	2326.694	2341.443
3.5	2314.894	2324.481	2324.481	2325.219	2339.968
4.0	2313.420	2323.007	2323.007	2322.269	2338.493
4.5	2309.732	2320.794	2321.532	2320.794	2336.281
5.0	2307.520	2318.582	2318.582	2318.582	2334.069
5.5	2304.570	2315.632	2315.632	2316.369	2331.119
6.0	2303.095	2311.945	2312.682	2312.682	2328.169
6.5	2297.933	2308.995	2309.732	2309.732	2324.481
7.0	2294.983	2305.307	2306.045	2305.307	2321.532
7.5	2292.033	2300.883	2302.358	2302.358	2317.844
8.0	2288.346	2297.933	2297.933	2297.933	2312.682
8.5	2284.659	2292.771	2294.246	2294.246	2308.257
9.0	2278.759	2289.083	2289.821	2289.083	2303.095
9.5	2275.072	2283.921	2283.921	2283.921	2300.145
10.0	2269.172	2278.021	2278.021	2279.496	2294.246
10.5	2264.010	2272.859	2273.597	2273.597	2289.083
11.0	2258.847	2267.697	2268.434	2267.697	2283.184
11.5	2252.210	2261.797	2263.272	2261.797	2278.021
12.0	2246.310	2255.160	2256.635	2256.635	2271.384
12.5	2240.411	2248.523	2250.735	2249.260	2265.484
13.0	2233.774	2242.623	2244.098	2243.361	2258.847
13.5	2227.136	2235.249	2236.723	2236.723	2252.948
14.0	2219.024	2227.874	2229.349	2229.349	2244.836
14.5	2212.387	2220.499	2221.974	2221.974	2238.936
15.0	2205.750	2213.125	2213.862	2213.862	2230.086
15.5	2197.638	2204.275	2206.488	2206.488	2221.237
16.0	2188.788	2196.163	2198.375	2198.375	2213.862
16.5	2181.414	2187.313	2189.526	2190.263	2205.750
17.0	2171.089	2177.726	2180.676	2181.414	2196.900
17.5	2162.240	2168.877	2171.827	2172.564	2188.051
18.0	2154.128	2160.027	2162.240	2164.452	2179.939
18.5	2144.541	2151.178	2153.390	2154.865	2170.352
19.0	2134.954	2140.116	2143.803	2145.278	2160.027
19.5	2123.892	2131.266	2134.216	2137.166	2150.440
20.0	2112.092	2120.204	2123.892	2126.104	2140.116
20.5	2100.293	2110.617	2113.567	2116.517	2130.529
21.0	2090.706	2098.818	2101.030	2106.930	2120.204
21.5	2079.644	2087.756	2091.443	2094.393	2109.142
22.0	2067.845	2077.432	2081.119	2084.069	2099.555
22.5	2057.520	2064.157	2069.319	2073.744	2088.494
23.0	2044.983	2052.358	2057.520	2061.945	2076.694
23.5	2031.709	2039.821	2046.458	2050.883	2065.632
24.0	2018.435	2027.284	2033.921	2039.084	2053.833
24.5	2007.373	2014.747	2022.122	2026.547	2040.558
25.0	1994.836	2002.210	2010.323	2014.747	2028.759
25.5	1980.824	1989.674	1996.311	2002.948	2014.747
26.0	1967.550	1975.662	1984.511	1990.411	2003.685
26.5	1953.538	1961.650	1971.974	1977.137	1991.148

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1939.526	1946.901	1959.438	1966.075	1978.612
27.5	1923.302	1932.889	1945.426	1951.326	1966.075
28.0	1911.503	1918.877	1931.414	1938.051	1952.063
28.5	1896.016	1904.865	1917.402	1924.039	1938.051
29.0	1881.267	1890.116	1902.653	1910.765	1924.777
29.5	1865.780	1874.629	1887.904	1896.016	1910.028
30.0	1850.293	1859.880	1873.154	1883.479	1897.491
30.5	1834.069	1843.656	1859.143	1869.467	1882.742
31.0	1818.582	1828.169	1843.656	1854.718	1867.255
31.5	1802.358	1813.420	1828.907	1840.706	1853.980
32.0	1786.871	1796.458	1814.158	1825.219	1838.494
32.5	1769.910	1780.234	1798.671	1810.470	1823.745
33.0	1753.686	1764.748	1781.709	1795.721	1808.995
33.5	1738.199	1748.523	1766.960	1779.497	1793.509
34.0	1719.762	1731.562	1750.736	1764.748	1779.497
34.5	1702.801	1715.338	1735.249	1748.523	1763.273
35.0	1687.314	1697.638	1719.762	1733.774	1747.786
35.5	1667.402	1681.414	1702.801	1717.550	1731.562
36.0	1651.916	1663.715	1686.577	1701.326	1716.075
36.5	1632.742	1646.016	1669.615	1685.839	1701.326
37.0	1615.043	1629.054	1652.653	1668.877	1685.839
37.5	1596.606	1610.618	1636.429	1654.128	1668.877
38.0	1578.170	1592.919	1618.730	1637.167	1651.178
38.5	1558.996	1574.482	1601.768	1621.680	1634.954
39.0	1542.034	1556.046	1584.069	1604.718	1621.680
39.5	1522.860	1539.084	1567.108	1587.757	1603.981
40.0	1502.211	1519.910	1549.409	1572.270	1587.019
40.5	1483.037	1501.473	1532.447	1556.046	1570.795
41.0	1465.338	1483.037	1514.748	1539.084	1553.833
41.5	1446.164	1464.600	1497.049	1522.122	1537.609
42.0	1426.990	1446.164	1479.350	1505.898	1521.385
42.5	1408.553	1426.990	1460.913	1488.937	1504.423
43.0	1387.904	1408.553	1443.951	1472.712	1488.199
43.5	1370.205	1389.379	1425.515	1455.751	1471.975
44.0	1350.294	1370.205	1407.078	1439.527	1455.013
44.5	1331.857	1351.769	1388.642	1421.828	1438.052
45.0	1312.683	1332.595	1370.943	1406.341	1422.565
45.5	1293.509	1314.158	1353.244	1390.117	1406.341
46.0	1274.335	1294.984	1334.069	1372.418	1389.379
46.5	1255.161	1275.810	1317.845	1357.668	1373.155
47.0	1235.250	1257.373	1299.409	1339.969	1356.931
47.5	1216.075	1238.199	1280.972	1323.008	1339.969
48.0	1197.639	1219.025	1262.536	1307.521	1323.008
48.5	1176.990	1200.589	1245.574	1289.822	1306.783
49.0	1158.553	1180.677	1226.400	1272.860	1289.822
49.5	1139.379	1162.241	1208.701	1256.636	1273.598
50.0	1119.468	1143.067	1191.002	1238.937	1256.636
50.5	1101.031	1124.630	1172.565	1224.188	1241.149
51.0	1081.857	1105.456	1156.341	1207.226	1224.925
51.5	1063.421	1086.282	1137.904	1191.002	1208.701
52.0	1043.509	1067.846	1120.205	1174.040	1192.477
52.5	1024.335	1048.672	1103.244	1157.079	1176.990
53.0	1004.424	1030.235	1085.545	1142.329	1160.028
53.5	985.250	1011.798	1068.583	1125.368	1144.542
54.0	966.813	993.362	1051.621	1109.143	1129.055
54.5	949.114	974.188	1034.660	1094.394	1113.568

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	930.678	956.489	1017.698	1077.433	1099.556
55.5	915.191	938.052	1000.736	1061.946	1082.595
56.0	897.492	921.828	984.512	1046.459	1067.108
56.5	879.055	904.866	967.551	1030.972	1052.359
57.0	861.356	887.905	951.326	1015.486	1036.872
57.5	842.920	870.206	937.315	1000.736	1019.911
58.0	824.483	852.507	921.091	984.512	1007.374
58.5	806.784	834.807	904.866	970.501	992.624
59.0	789.085	817.108	889.380	957.964	977.138
59.5	771.386	800.147	875.368	942.477	965.338
60.0	753.687	782.448	859.881	927.728	950.589
60.5	736.356	765.486	844.394	913.716	935.840
61.0	718.952	748.524	828.908	899.704	921.828
61.5	701.695	731.710	813.421	885.692	908.554
62.0	684.734	715.044	798.672	872.418	894.542
62.5	667.993	698.524	783.185	859.144	881.268
63.0	651.032	682.079	768.436	845.132	869.468
63.5	634.218	665.855	754.424	831.858	856.194
64.0	617.846	649.852	739.675	817.846	842.920
64.5	601.548	634.218	725.663	804.571	829.645
65.0	585.398	618.510	711.577	791.297	817.108
65.5	569.468	603.170	697.639	778.023	803.834
66.0	553.318	587.831	683.849	764.749	791.297
66.5	537.536	572.861	670.132	752.212	778.760
67.0	522.123	558.038	656.489	738.937	766.223
67.5	506.637	543.436	643.141	726.548	753.687
68.0	491.371	529.203	629.867	714.011	741.887
68.5	476.327	515.044	616.887	701.843	729.572
69.0	461.356	501.032	604.055	689.601	717.920
69.5	446.607	487.315	591.371	677.728	706.341
70.0	431.932	473.820	578.908	666.076	694.837
70.5	417.625	460.472	566.445	654.424	683.480
71.0	403.466	447.271	554.203	642.920	672.271
71.5	389.454	434.365	542.256	631.710	661.209
72.0	375.737	421.386	530.309	620.575	650.442
72.5	361.947	408.849	518.657	609.660	639.749
73.0	348.525	396.386	507.079	598.893	628.982
73.5	335.472	384.070	495.870	588.200	618.510
74.0	322.566	372.124	484.513	577.876	607.964
74.5	309.882	360.103	473.672	567.625	598.008
75.0	297.271	348.377	462.905	557.595	588.348
75.5	284.882	336.947	452.286	547.640	578.539
76.0	272.861	325.737	441.961	537.758	568.952
76.5	260.914	314.675	431.710	528.097	559.365
77.0	249.115	303.687	421.607	518.510	550.073
77.5	237.537	292.994	411.652	509.218	540.855
78.0	226.106	282.522	401.991	500.073	531.784
78.5	214.897	272.197	392.404	490.855	522.787
79.0	203.908	262.168	383.112	481.932	513.938
79.5	192.994	252.212	373.967	473.230	505.088
80.0	182.227	242.404	364.823	464.601	496.681
80.5	171.755	232.891	355.973	455.899	488.126
81.0	161.578	223.525	347.492	447.492	479.793
81.5	151.254	214.380	339.011	439.159	471.460
82.0	141.298	205.457	330.752	431.121	463.421
82.5	131.563	196.681	322.640	423.082	455.531

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	121.976	188.127	314.675	415.339	447.861
83.5	112.463	179.793	307.079	407.448	439.896
84.0	103.171	171.681	299.705	400.000	432.300
84.5	93.953	163.864	292.478	392.625	424.852
85.0	85.103	156.268	285.398	385.324	417.404
85.5	76.254	149.041	278.466	378.244	410.177
86.0	67.552	142.109	271.681	371.312	403.023
86.5	58.923	135.619	265.265	364.380	395.870
87.0	50.442	129.351	258.776	357.817	388.864
87.5	41.962	123.525	252.655	351.180	382.153
88.0	33.555	117.846	246.607	344.764	375.368
88.5	25.074	112.537	240.781	338.421	368.805
89.0	17.330	107.522	235.251	332.301	362.315
89.5	10.988	102.876	229.867	326.401	355.973
90.0	6.563	98.746	224.926	320.796	350.147
90.5	4.646	95.133	220.354	315.191	343.952
91.0	4.941	91.814	215.708	309.513	338.053
91.5	5.900	88.643	211.062	304.129	332.153
92.0	7.006	85.988	206.637	298.672	326.401
92.5	8.186	83.702	202.876	293.436	320.722
93.0	9.366	81.711	198.967	288.495	315.265
93.5	10.619	80.162	195.280	283.628	310.103
94.0	11.947	78.835	191.814	279.056	305.088
94.5	13.201	77.876	188.569	274.410	299.926
95.0	14.454	77.139	185.546	269.837	294.985
95.5	15.634	76.622	182.743	265.486	290.118
96.0	16.593	76.401	180.310	261.283	285.324
96.5	17.552	76.401	177.876	257.374	280.899
97.0	18.437	76.475	175.664	253.613	276.475
97.5	19.395	76.770	173.599	250.000	272.419
98.0	20.206	77.065	171.755	246.460	268.289
98.5	21.165	77.434	170.206	243.068	264.454
99.0	22.124	77.876	168.584	239.897	260.693
99.5	23.156	78.392	167.183	236.873	257.006
100.0	24.041	78.908	166.077	234.071	253.687
100.5	25.074	79.498	164.970	231.342	250.295
101.0	25.959	80.088	164.159	228.761	247.271
101.5	26.844	80.678	163.348	226.327	244.174
102.0	27.655	81.268	162.758	224.041	241.445
102.5	28.466	81.858	162.168	221.902	238.717
103.0	29.277	82.522	161.726	219.764	236.283
103.5	30.162	83.186	161.357	217.920	233.776
104.0	31.121	83.776	160.988	216.224	231.489
104.5	32.080	84.439	160.767	214.602	229.351
105.0	32.965	85.103	160.546	213.127	227.286
105.5	33.776	85.693	160.324	211.578	225.516
106.0	34.734	86.431	160.251	210.251	223.746
106.5	35.619	87.094	160.251	208.997	221.976
107.0	36.504	87.832	160.251	207.817	220.501
107.5	37.316	88.422	160.251	206.932	218.953
108.0	38.348	89.159	160.251	205.900	217.404
108.5	39.307	89.897	160.324	205.162	216.371
109.0	40.265	90.487	160.472	204.203	215.339
109.5	41.298	91.150	160.546	203.540	214.233
110.0	42.330	91.814	160.693	202.802	213.348
110.5	43.363	92.478	160.841	202.138	212.537

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	44.395	93.142	160.914	201.548	211.652
111.5	45.428	93.731	160.988	201.106	210.914
112.0	46.534	94.395	161.136	200.664	210.029
112.5	47.640	95.059	161.283	200.147	209.218
113.0	48.820	95.723	161.504	199.779	208.849
113.5	49.926	96.313	161.504	199.410	208.333
114.0	51.106	96.903	161.652	199.115	207.817
114.5	52.212	97.566	161.799	198.746	207.374
115.0	53.392	98.082	161.947	198.525	207.006
115.5	54.572	98.746	161.947	198.304	206.637
116.0	55.678	99.336	162.168	198.009	206.194
116.5	56.711	99.926	162.315	197.714	206.047
117.0	57.891	100.590	162.463	197.714	205.678
117.5	58.997	101.106	162.610	197.419	205.457
118.0	59.956	101.622	162.758	197.271	205.162
118.5	61.062	102.139	162.832	197.050	205.088
119.0	62.021	102.655	162.979	196.829	204.646
119.5	63.053	103.023	163.127	196.607	204.572
120.0	64.012	103.392	163.053	196.460	204.203
120.5	64.970	103.835	163.127	196.165	204.130
121.0	65.929	104.130	163.274	195.944	203.835
121.5	66.962	104.498	163.200	195.649	203.687
122.0	67.920	104.941	163.200	195.501	203.466
122.5	68.879	105.383	163.274	195.206	202.950
123.0	69.838	105.826	163.200	194.911	202.876
123.5	70.723	106.195	163.053	194.690	202.433
124.0	71.460	106.490	163.053	194.469	202.360
124.5	72.198	106.785	163.053	194.100	202.065
125.0	72.935	107.153	162.905	193.731	201.770
125.5	73.672	107.375	162.758	193.510	201.401
126.0	74.336	107.670	162.684	193.068	201.106
126.5	74.926	108.038	162.537	192.773	200.885
127.0	75.590	108.186	162.389	192.404	200.590
127.5	76.106	108.407	162.168	192.035	200.074
128.0	76.770	108.407	162.094	191.593	199.779
128.5	77.286	108.554	161.799	191.224	199.484
129.0	77.802	108.702	161.504	190.855	199.115
129.5	78.245	108.923	160.988	190.265	198.672
130.0	78.613	109.071	160.472	189.897	198.230
130.5	78.982	109.218	159.882	189.454	197.714
131.0	79.203	109.439	159.292	188.790	197.197
131.5	79.498	109.661	158.702	188.200	196.681
132.0	79.793	109.882	158.038	187.832	196.239
132.5	79.941	109.956	157.301	187.094	195.575
133.0	80.162	110.029	157.006	186.430	194.764
133.5	80.236	109.956	156.563	185.914	194.395
134.0	80.310	109.808	156.268	185.324	193.879
134.5	80.531	109.513	155.900	184.661	192.920
135.0	80.752	109.292	155.457	183.776	192.183
135.5	80.678	108.702	155.088	183.186	191.593
136.0	80.826	108.628	154.572	182.448	190.855
136.5	80.973	108.407	154.203	181.637	190.118
137.0	81.047	108.038	153.613	180.973	189.307
137.5	81.121	107.670	153.097	180.088	188.569
138.0	81.268	107.448	152.360	179.351	187.684
138.5	81.268	107.153	151.401	178.540	187.020

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	81.195	106.932	150.295	177.581	185.988
139.5	81.195	106.637	148.967	176.548	185.251
140.0	81.195	106.268	147.492	175.590	184.218
140.5	81.195	106.047	146.165	174.410	183.112
141.0	81.195	105.900	144.690	173.156	182.227
141.5	81.195	105.605	143.215	172.050	181.342
142.0	81.121	105.457	141.814	170.649	180.383
142.5	81.047	105.236	140.339	169.395	179.277
143.0	80.973	105.015	138.938	168.215	178.171
143.5	80.973	104.720	137.315	166.961	177.138
144.0	80.973	104.351	135.914	166.003	175.959
144.5	81.195	104.056	134.513	164.897	174.926
145.0	81.490	103.761	132.964	163.938	173.746
145.5	82.006	103.392	131.563	162.979	172.566
146.0	82.670	103.097	130.236	161.947	171.460
146.5	83.333	102.802	129.130	160.841	170.206
147.0	83.997	102.434	127.876	159.734	168.953
147.5	84.587	102.286	126.917	158.628	167.699
148.0	85.251	101.991	125.885	157.374	166.372
148.5	85.841	101.917	125.074	156.195	165.044
149.0	86.578	101.917	124.189	155.015	163.864
149.5	87.094	102.139	123.377	153.761	162.389
150.0	87.684	102.286	122.566	152.581	160.841
150.5	88.201	102.360	121.681	151.254	159.218
151.0	88.569	102.581	120.501	149.926	157.301
151.5	88.938	102.655	119.248	148.525	155.531
152.0	89.380	102.802	118.068	147.050	153.761
152.5	89.823	102.950	116.962	145.501	151.844
153.0	90.118	103.023	115.782	143.731	150.295
153.5	90.487	103.245	114.528	141.888	148.525
154.0	90.782	103.171	113.422	139.823	147.050
154.5	91.150	103.245	112.463	137.832	145.575
155.0	91.298	103.392	111.504	135.546	144.469
155.5	91.593	103.466	110.546	133.407	143.289
156.0	91.814	103.466	109.882	131.121	142.256
156.5	92.183	103.466	109.218	128.835	140.929
157.0	92.330	103.613	108.554	126.770	139.675
157.5	92.552	103.613	108.112	124.779	138.274
158.0	92.847	103.540	107.891	122.714	136.947
158.5	92.920	103.540	107.596	121.018	135.398
159.0	93.289	103.318	107.375	119.395	134.071
159.5	93.584	103.171	107.006	117.846	132.596
160.0	93.953	103.023	106.637	116.593	131.121
160.5	94.395	102.950	106.342	115.413	129.720
161.0	94.690	102.729	106.268	114.159	128.318
161.5	95.133	102.655	106.121	112.905	127.286
162.0	95.501	102.507	106.342	111.873	126.401
162.5	95.870	102.507	106.490	110.767	125.369
163.0	96.313	102.434	106.563	109.587	124.484
163.5	96.681	102.434	106.711	108.333	123.377
164.0	96.829	102.434	106.858	106.785	122.345
164.5	97.050	102.286	106.711	105.605	121.018
165.0	97.271	102.286	106.490	104.425	119.690
165.5	97.493	102.212	106.268	103.613	118.289
166.0	97.714	102.139	106.121	102.729	116.150
166.5	97.935	102.139	105.900	101.991	115.118

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	98.230	102.139	105.678	101.327	114.307
167.5	98.377	102.139	105.236	100.737	113.495
168.0	98.599	102.139	104.867	100.147	112.832
168.5	99.041	101.844	104.351	99.631	112.021
169.0	99.262	101.917	103.982	99.115	111.209
169.5	99.631	101.696	103.392	98.525	110.324
170.0	99.779	101.622	102.876	97.788	109.513
170.5	100.000	101.475	102.212	96.976	108.628
171.0	100.147	101.327	101.475	96.091	107.522
171.5	100.369	101.327	100.811	95.280	106.637
172.0	100.737	101.180	100.442	94.469	105.310
172.5	100.959	101.180	100.000	93.584	103.835
173.0	101.254	101.032	99.631	92.773	101.327
173.5	101.622	101.106	99.484	91.962	97.566
174.0	101.917	101.106	99.410	91.298	92.920
174.5	102.139	101.106	99.262	90.634	87.389
175.0	102.581	101.327	99.189	90.118	81.121
175.5	102.729	101.401	99.115	89.897	74.557
176.0	103.023	101.549	99.115	89.675	70.280
176.5	103.097	101.622	99.041	89.675	67.257
177.0	103.392	101.770	98.894	89.454	64.159
177.5	103.466	101.770	98.672	89.380	63.496
178.0	103.761	101.917	98.599	89.307	63.643
178.5	103.908	101.991	98.672	89.159	63.790
179.0	104.056	101.991	98.599	88.938	63.864
179.5	104.203	101.991	98.525	88.864	63.938
180.0	93.436	93.436	93.436	93.436	93.436

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	844.30	N.A.	11.70
0-30	1769.1	N.A.	24.50
0-40	2841.81	N.A.	39.40
0-60	4809.39	N.A.	66.70
0-80	5991.65	N.A.	83.10
0-90	6288.98	N.A.	87.30
10-90	6068.87	N.A.	84.20
20-40	1997.51	N.A.	27.70
20-50	3053.87	N.A.	42.40
40-70	2668.47	N.A.	37.00
60-80	1182.25	N.A.	16.40
70-80	481.37	N.A.	6.70
80-90	297.33	N.A.	4.10
90-110	347.29	N.A.	4.80
90-120	493.49	N.A.	6.80
90-130	628.05	N.A.	8.70
90-150	824.52	N.A.	11.40
90-180	918.44	N.A.	12.70
110-180	571.15	N.A.	7.90
0-180	7207.42	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	220.11
10-20	624.19
20-30	924.80
30-40	1072.71
40-50	1056.36
50-60	911.23
60-70	700.88
70-80	481.37
80-90	297.33
90-100	190.50
100-110	156.78
110-120	146.20
120-130	134.56
130-140	113.07
140-150	83.39
150-160	54.52
160-170	30.04
170-180	9.36

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-950-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	87	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-L85-950-DIM-UNV_.IES

UGR TABLE - CORRECTED

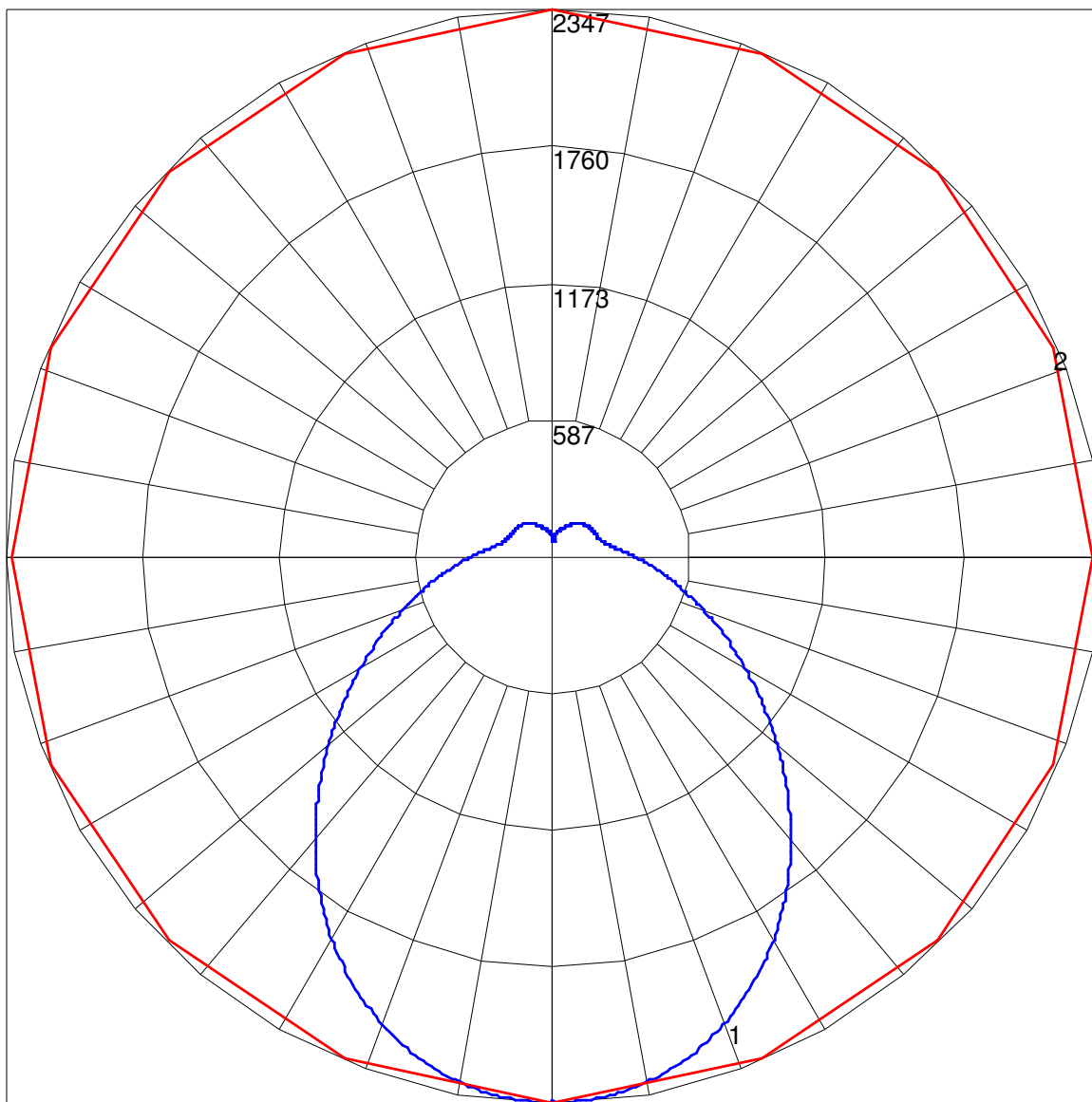
Reflectances

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	18.7	20.1	19.3	20.6	21.2	20.4	21.7	20.9	22.3	22.9
	3H	20.1	21.3	20.6	21.9	22.5	22.6	23.8	23.1	24.4	25.0
	4H	20.5	21.7	21.1	22.3	22.9	23.6	24.8	24.2	25.4	26.1
	6H	20.8	21.9	21.4	22.5	23.2	24.8	25.8	25.4	26.4	27.1
	8H	20.9	21.9	21.5	22.5	23.2	25.3	26.4	26.0	27.0	27.7
	12H	20.9	21.9	21.5	22.5	23.2	26.0	27.0	26.6	27.6	28.3
4H	2H	19.4	20.6	20.0	21.2	21.9	20.8	21.9	21.4	22.5	23.2
	3H	21.0	22.0	21.6	22.6	23.3	23.2	24.2	23.8	24.8	25.5
	4H	21.6	22.5	22.2	23.1	23.9	24.5	25.3	25.1	26.0	26.7
	6H	22.0	22.8	22.7	23.5	24.2	25.8	26.6	26.4	27.2	28.0
	8H	22.1	22.9	22.8	23.5	24.3	26.5	27.2	27.1	27.9	28.6
	12H	22.2	22.9	22.9	23.6	24.3	27.3	27.9	27.9	28.6	29.4
8H	4H	22.2	22.9	22.8	23.6	24.3	24.6	25.4	25.3	26.0	26.8
	6H	22.8	23.4	23.4	24.1	24.8	26.2	26.8	26.8	27.5	28.2
	8H	23.0	23.5	23.6	24.2	25.0	27.0	27.6	27.7	28.3	29.0
	12H	23.1	23.6	23.8	24.3	25.1	28.0	28.5	28.7	29.2	30.0
12H	4H	22.3	23.0	23.0	23.7	24.4	24.7	25.3	25.3	26.0	26.8
	6H	23.0	23.6	23.7	24.3	25.1	26.2	26.8	26.9	27.4	28.2
	8H	23.3	23.8	24.0	24.5	25.3	27.1	27.6	27.8	28.3	29.1

Maximum UGR = 30.0

POLAR GRAPH



Maximum Candela = 2346.605 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.)