

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L100-835-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-L100-835-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	9640
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	68.3
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	21152	18946	18760
55	18316	16220	16469
65	15397	13892	14677
75	12348	12135	13719
85	9057	11938	14495

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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>
0.0	3119.955	3119.955	3119.955	3119.955	3119.955
0.5	3105.159	3116.996	3118.969	3117.982	3138.697
1.0	3105.159	3117.982	3117.982	3116.996	3137.710
1.5	3102.200	3117.982	3116.996	3116.010	3138.697
2.0	3101.214	3115.023	3116.996	3115.023	3135.737
2.5	3101.214	3115.023	3114.037	3114.037	3133.765
3.0	3098.255	3112.064	3112.064	3112.064	3131.792
3.5	3096.282	3109.105	3109.105	3110.091	3129.819
4.0	3094.309	3107.132	3107.132	3106.146	3127.846
4.5	3089.377	3104.173	3105.159	3104.173	3124.887
5.0	3086.418	3101.214	3101.214	3101.214	3121.928
5.5	3082.472	3097.268	3097.268	3098.255	3117.982
6.0	3080.499	3092.336	3093.323	3093.323	3114.037
6.5	3073.595	3088.391	3089.377	3089.377	3109.105
7.0	3069.649	3083.459	3084.445	3083.459	3105.159
7.5	3065.704	3077.540	3079.513	3079.513	3100.227
8.0	3060.772	3073.595	3073.595	3073.595	3093.323
8.5	3055.840	3066.690	3068.663	3068.663	3087.404
9.0	3047.949	3061.758	3062.744	3061.758	3080.499
9.5	3043.017	3054.853	3054.853	3054.853	3076.554
10.0	3035.125	3046.962	3046.962	3048.935	3068.663
10.5	3028.221	3040.057	3041.044	3041.044	3061.758
11.0	3021.316	3033.153	3034.139	3033.153	3053.867
11.5	3012.439	3025.262	3027.234	3025.262	3046.962
12.0	3004.547	3016.384	3018.357	3018.357	3038.085
12.5	2996.656	3007.507	3010.466	3008.493	3030.194
13.0	2987.779	2999.615	3001.588	3000.602	3021.316
13.5	2978.901	2989.752	2991.724	2991.724	3013.425
14.0	2968.051	2979.888	2981.860	2981.860	3002.575
14.5	2959.173	2970.024	2971.996	2971.996	2994.683
15.0	2950.296	2960.160	2961.146	2961.146	2982.847
15.5	2939.446	2948.323	2951.282	2951.282	2971.010
16.0	2927.609	2937.473	2940.432	2940.432	2961.146
16.5	2917.745	2925.636	2928.595	2929.582	2950.296
17.0	2903.935	2912.813	2916.759	2917.745	2938.459
17.5	2892.099	2900.976	2904.922	2905.908	2926.622
18.0	2881.248	2889.140	2892.099	2895.058	2915.772
18.5	2868.425	2877.303	2880.262	2882.235	2902.949
19.0	2855.602	2862.507	2867.439	2869.412	2889.140
19.5	2840.806	2850.670	2854.616	2858.561	2876.317
20.0	2825.024	2835.874	2840.806	2843.766	2862.507
20.5	2809.242	2823.051	2826.997	2830.943	2849.684
21.0	2796.419	2807.269	2810.228	2818.119	2835.874
21.5	2781.623	2792.473	2797.405	2801.351	2821.079
22.0	2765.841	2778.664	2783.596	2787.541	2808.256
22.5	2752.031	2760.909	2767.814	2773.732	2793.460
23.0	2735.263	2745.127	2752.031	2757.950	2777.677
23.5	2717.508	2728.358	2737.235	2743.154	2762.882
24.0	2699.753	2711.589	2720.467	2727.371	2747.099
24.5	2684.957	2694.821	2704.684	2710.603	2729.344
25.0	2668.188	2678.052	2688.902	2694.821	2713.562
25.5	2649.447	2661.283	2670.161	2679.038	2694.821
26.0	2631.692	2642.542	2654.379	2662.270	2680.025
26.5	2612.950	2623.800	2637.610	2644.515	2663.256

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27.0	2594.209	2604.073	2620.841	2629.719	2646.487
27.5	2572.508	2585.331	2602.100	2609.991	2629.719
28.0	2556.726	2566.590	2583.358	2592.236	2610.977
28.5	2536.012	2547.848	2564.617	2573.494	2592.236
29.0	2516.284	2528.120	2544.889	2555.739	2574.481
29.5	2495.570	2507.406	2525.161	2536.012	2554.753
30.0	2474.855	2487.678	2505.433	2519.243	2537.984
30.5	2453.155	2465.978	2486.692	2500.502	2518.257
31.0	2432.441	2445.264	2465.978	2480.774	2497.542
31.5	2410.740	2425.536	2446.250	2462.032	2479.787
32.0	2390.026	2402.849	2426.522	2441.318	2459.073
32.5	2367.339	2381.148	2405.808	2421.590	2439.345
33.0	2345.638	2360.434	2383.121	2401.862	2419.617
33.5	2324.924	2338.733	2363.393	2380.162	2398.903
34.0	2300.264	2316.046	2341.693	2360.434	2380.162
34.5	2277.577	2294.346	2320.978	2338.733	2358.461
35.0	2256.863	2270.672	2300.264	2319.006	2337.747
35.5	2230.230	2248.972	2277.577	2297.305	2316.046
36.0	2209.516	2225.298	2255.877	2275.604	2295.332
36.5	2183.870	2201.625	2233.190	2254.890	2275.604
37.0	2160.197	2178.938	2210.503	2232.203	2254.890
37.5	2135.537	2154.278	2188.802	2212.475	2232.203
38.0	2110.877	2130.605	2165.129	2189.788	2208.530
38.5	2085.231	2105.945	2142.442	2169.074	2186.829
39.0	2062.544	2081.285	2118.768	2146.387	2169.074
39.5	2036.898	2058.598	2096.081	2123.700	2145.401
40.0	2009.279	2032.952	2072.408	2102.986	2122.714
40.5	1983.633	2008.292	2049.721	2081.285	2101.013
41.0	1959.959	1983.633	2026.047	2058.598	2078.326
41.5	1934.313	1958.973	2002.374	2035.911	2056.626
42.0	1908.667	1934.313	1978.701	2014.211	2034.925
42.5	1884.007	1908.667	1954.041	1991.524	2012.238
43.0	1856.388	1884.007	1931.354	1969.823	1990.537
43.5	1832.715	1858.361	1906.694	1947.136	1968.837
44.0	1806.082	1832.715	1882.034	1925.435	1946.150
44.5	1781.422	1808.055	1857.374	1901.762	1923.463
45.0	1755.776	1782.409	1833.701	1881.048	1902.748
45.5	1730.130	1757.749	1810.028	1859.347	1881.048
46.0	1704.484	1732.103	1784.382	1835.674	1858.361
46.5	1678.838	1706.457	1762.681	1815.946	1836.660
47.0	1652.205	1681.797	1738.021	1792.273	1814.960
47.5	1626.559	1656.151	1713.361	1769.586	1792.273
48.0	1601.899	1630.505	1688.702	1748.871	1769.586
48.5	1574.280	1605.845	1666.015	1725.198	1747.885
49.0	1549.620	1579.212	1640.368	1702.511	1725.198
49.5	1523.974	1554.552	1616.695	1680.810	1703.497
50.0	1497.342	1528.906	1593.022	1657.137	1680.810
50.5	1472.682	1504.246	1568.362	1637.409	1660.096
51.0	1447.036	1478.600	1546.661	1614.722	1638.396
51.5	1422.376	1452.954	1522.002	1593.022	1616.695
52.0	1395.743	1428.294	1498.328	1570.335	1594.994
52.5	1370.097	1402.648	1475.641	1547.648	1574.280
53.0	1343.465	1377.988	1451.968	1527.920	1551.593
53.5	1317.819	1353.329	1429.281	1505.233	1530.879
54.0	1293.159	1328.669	1406.594	1483.532	1510.165
54.5	1269.485	1303.023	1383.907	1463.804	1489.451

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55.0	1244.826	1279.349	1361.220	1441.117	1470.709
55.5	1224.111	1254.690	1338.533	1420.403	1448.022
56.0	1200.438	1232.989	1316.832	1399.689	1427.308
56.5	1175.778	1210.302	1294.145	1378.975	1407.580
57.0	1152.105	1187.615	1272.445	1358.261	1386.866
57.5	1127.445	1163.942	1253.703	1338.533	1364.179
58.0	1102.785	1140.268	1232.003	1316.832	1347.410
58.5	1079.112	1116.595	1210.302	1298.091	1327.682
59.0	1055.439	1092.921	1189.588	1281.322	1306.968
59.5	1031.765	1070.234	1170.846	1260.608	1291.186
60.0	1008.092	1046.561	1150.132	1240.880	1271.458
60.5	984.912	1023.874	1129.418	1222.139	1251.730
61.0	961.633	1001.187	1108.704	1203.397	1232.989
61.5	938.551	978.697	1087.989	1184.656	1215.234
62.0	915.864	956.405	1068.262	1166.901	1196.492
62.5	893.473	934.310	1047.547	1149.146	1178.737
63.0	870.786	912.313	1027.820	1130.404	1162.955
63.5	848.296	890.613	1009.078	1112.649	1145.200
64.0	826.398	869.208	989.350	1093.908	1127.445
64.5	804.599	848.296	970.609	1076.153	1109.690
65.0	782.997	827.286	951.769	1058.398	1092.921
65.5	761.691	806.769	933.126	1040.643	1075.166
66.0	740.089	786.252	914.680	1022.888	1058.398
66.5	718.980	766.229	896.334	1006.119	1041.629
67.0	698.365	746.402	878.085	988.364	1024.860
67.5	677.651	726.872	860.232	971.793	1008.092
68.0	657.232	707.834	842.477	955.024	992.309
68.5	637.110	688.896	825.116	938.748	975.837
69.0	617.086	670.154	807.953	922.374	960.252
69.5	597.358	651.807	790.987	906.493	944.765
70.0	577.729	633.756	774.317	890.908	929.378
70.5	558.593	615.903	757.647	875.323	914.187
71.0	539.655	598.246	741.273	859.936	899.194
71.5	520.913	580.984	725.293	844.943	884.398
72.0	502.566	563.624	709.314	830.048	869.997
72.5	484.121	546.855	693.729	815.450	855.694
73.0	466.168	530.185	678.243	801.048	841.293
73.5	448.709	513.712	663.249	786.746	827.286
74.0	431.447	497.733	648.059	772.936	813.181
74.5	414.482	481.655	633.559	759.225	799.865
75.0	397.614	465.971	619.158	745.810	786.943
75.5	381.043	450.682	604.954	732.494	773.824
76.0	364.965	435.689	591.144	719.276	761.001
76.5	348.985	420.893	577.433	706.355	748.178
77.0	333.203	406.196	563.920	693.532	735.749
77.5	317.717	391.893	550.604	681.103	723.419
78.0	302.428	377.886	537.682	668.872	711.287
78.5	287.434	364.077	524.859	656.542	699.253
79.0	272.737	350.662	512.430	644.607	687.416
79.5	258.139	337.346	500.199	632.967	675.579
80.0	243.737	324.227	487.968	621.426	664.334
80.5	229.730	311.502	476.131	609.787	652.892
81.0	216.118	298.975	464.787	598.542	641.746
81.5	202.309	286.744	453.444	587.396	630.600
82.0	188.993	274.809	442.396	576.644	619.848
82.5	175.972	263.071	431.546	565.893	609.294

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83.0	163.149	251.628	420.893	555.535	599.035
83.5	150.425	240.482	410.733	544.981	588.382
84.0	137.996	229.632	400.869	535.019	578.222
84.5	125.666	219.176	391.203	525.155	568.260
85.0	113.830	209.016	381.733	515.389	558.297
85.5	101.993	199.350	372.461	505.920	548.631
86.0	90.353	190.078	363.386	496.648	539.063
86.5	78.813	181.397	354.805	487.376	529.495
87.0	67.469	173.013	346.125	478.597	520.124
87.5	56.126	165.221	337.938	469.719	511.148
88.0	44.881	157.625	329.849	461.138	502.073
88.5	33.537	150.523	322.057	452.655	493.294
89.0	23.180	143.816	314.659	444.468	484.614
89.5	14.697	137.602	307.458	436.577	476.131
90.0	8.779	132.078	300.849	429.080	468.339
90.5	6.214	127.244	294.734	421.584	460.053
91.0	6.609	122.806	288.519	413.988	452.162
91.5	7.891	118.564	282.305	406.788	444.271
92.0	9.371	115.013	276.387	399.488	436.577
92.5	10.949	111.955	271.356	392.485	428.982
93.0	12.527	109.292	266.128	385.876	421.682
93.5	14.204	107.221	261.196	379.366	414.777
94.0	15.980	105.445	256.560	373.250	408.070
94.5	17.656	104.163	252.220	367.036	401.165
95.0	19.333	103.177	248.176	360.921	394.556
95.5	20.911	102.486	244.428	355.101	388.046
96.0	22.194	102.190	241.173	349.478	381.635
96.5	23.476	102.190	237.918	344.251	375.716
97.0	24.660	102.289	234.958	339.220	369.798
97.5	25.942	102.683	232.196	334.387	364.373
98.0	27.027	103.078	229.730	329.652	358.849
98.5	28.309	103.571	227.659	325.115	353.720
99.0	29.592	104.163	225.489	320.873	348.689
99.5	30.973	104.853	223.615	316.829	343.757
100.0	32.156	105.544	222.135	313.081	339.319
100.5	33.537	106.333	220.656	309.431	334.781
101.0	34.721	107.122	219.571	305.979	330.737
101.5	35.905	107.911	218.486	302.723	326.594
102.0	36.990	108.700	217.697	299.666	322.944
102.5	38.075	109.489	216.907	296.805	319.295
103.0	39.160	110.377	216.316	293.945	316.040
103.5	40.343	111.265	215.822	291.479	312.686
104.0	41.626	112.054	215.329	289.210	309.628
104.5	42.908	112.942	215.033	287.040	306.768
105.0	44.092	113.830	214.737	285.067	304.006
105.5	45.177	114.619	214.441	282.996	301.638
106.0	46.459	115.605	214.343	281.220	299.271
106.5	47.643	116.493	214.343	279.543	296.904
107.0	48.826	117.479	214.343	277.965	294.931
107.5	49.911	118.268	214.343	276.781	292.860
108.0	51.292	119.255	214.343	275.400	290.788
108.5	52.575	120.241	214.441	274.414	289.407
109.0	53.857	121.030	214.639	273.132	288.026
109.5	55.238	121.918	214.737	272.244	286.547
110.0	56.619	122.806	214.935	271.258	285.363
110.5	58.000	123.693	215.132	270.370	284.278

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CANDELA TABULATION - (Cont.)

111.0	59.381	124.581	215.231	269.581	283.094
111.5	60.762	125.370	215.329	268.989	282.108
112.0	62.241	126.258	215.526	268.397	280.924
112.5	63.721	127.146	215.724	267.707	279.839
113.0	65.299	128.034	216.020	267.213	279.346
113.5	66.779	128.823	216.020	266.720	278.655
114.0	68.357	129.612	216.217	266.326	277.965
114.5	69.836	130.500	216.414	265.832	277.373
115.0	71.415	131.190	216.611	265.536	276.880
115.5	72.993	132.078	216.611	265.241	276.387
116.0	74.473	132.867	216.907	264.846	275.795
116.5	75.853	133.656	217.105	264.451	275.598
117.0	77.432	134.544	217.302	264.451	275.104
117.5	78.911	135.234	217.499	264.057	274.809
118.0	80.194	135.925	217.697	263.860	274.414
118.5	81.673	136.615	217.795	263.564	274.315
119.0	82.955	137.306	217.992	263.268	273.724
119.5	84.336	137.799	218.190	262.972	273.625
120.0	85.619	138.292	218.091	262.775	273.132
120.5	86.901	138.884	218.190	262.380	273.033
121.0	88.183	139.278	218.387	262.084	272.639
121.5	89.564	139.772	218.288	261.690	272.441
122.0	90.847	140.363	218.288	261.492	272.145
122.5	92.129	140.955	218.387	261.098	271.455
123.0	93.411	141.547	218.288	260.703	271.356
123.5	94.595	142.040	218.091	260.407	270.764
124.0	95.581	142.435	218.091	260.111	270.666
124.5	96.568	142.829	218.091	259.618	270.271
125.0	97.554	143.323	217.894	259.125	269.877
125.5	98.540	143.619	217.697	258.829	269.383
126.0	99.428	144.013	217.598	258.237	268.989
126.5	100.217	144.506	217.401	257.843	268.693
127.0	101.105	144.704	217.203	257.349	268.298
127.5	101.796	144.999	216.907	256.856	267.608
128.0	102.683	144.999	216.809	256.264	267.213
128.5	103.374	145.197	216.414	255.771	266.819
129.0	104.064	145.394	216.020	255.278	266.326
129.5	104.656	145.690	215.329	254.489	265.734
130.0	105.149	145.887	214.639	253.996	265.142
130.5	105.642	146.085	213.850	253.404	264.451
131.0	105.938	146.380	213.060	252.516	263.761
131.5	106.333	146.676	212.271	251.727	263.071
132.0	106.728	146.972	211.384	251.234	262.479
132.5	106.925	147.071	210.397	250.247	261.591
133.0	107.221	147.170	210.003	249.360	260.506
133.5	107.319	147.071	209.411	248.669	260.013
134.0	107.418	146.874	209.016	247.880	259.322
134.5	107.714	146.479	208.523	246.992	258.040
135.0	108.010	146.183	207.931	245.809	257.054
135.5	107.911	145.394	207.438	245.020	256.264
136.0	108.108	145.295	206.748	244.033	255.278
136.5	108.306	144.999	206.254	242.948	254.292
137.0	108.404	144.506	205.465	242.060	253.207
137.5	108.503	144.013	204.775	240.877	252.220
138.0	108.700	143.717	203.788	239.890	251.037
138.5	108.700	143.323	202.506	238.805	250.149

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	108.602	143.027	201.027	237.523	248.768
139.5	108.602	142.632	199.251	236.142	247.781
140.0	108.602	142.139	197.278	234.860	246.401
140.5	108.602	141.843	195.503	233.282	244.921
141.0	108.602	141.646	193.530	231.605	243.737
141.5	108.602	141.251	191.557	230.125	242.554
142.0	108.503	141.054	189.683	228.251	241.271
142.5	108.404	140.758	187.710	226.574	239.792
143.0	108.306	140.462	185.836	224.996	238.312
143.5	108.306	140.068	183.666	223.319	236.931
144.0	108.306	139.574	181.792	222.037	235.353
144.5	108.602	139.180	179.918	220.557	233.972
145.0	108.996	138.785	177.846	219.275	232.394
145.5	109.687	138.292	175.972	217.992	230.816
146.0	110.574	137.897	174.197	216.611	229.336
146.5	111.462	137.503	172.717	215.132	227.659
147.0	112.350	137.010	171.040	213.652	225.982
147.5	113.139	136.812	169.758	212.173	224.305
148.0	114.027	136.418	168.377	210.496	222.530
148.5	114.816	136.319	167.292	208.918	220.754
149.0	115.802	136.319	166.108	207.339	219.176
149.5	116.493	136.615	165.023	205.663	217.203
150.0	117.282	136.812	163.938	204.084	215.132
150.5	117.972	136.911	162.755	202.309	212.962
151.0	118.466	137.207	161.176	200.533	210.397
151.5	118.959	137.306	159.499	198.659	208.030
152.0	119.551	137.503	157.921	196.686	205.663
152.5	120.142	137.700	156.442	194.615	203.098
153.0	120.537	137.799	154.863	192.248	201.027
153.5	121.030	138.095	153.187	189.782	198.659
154.0	121.425	137.996	151.707	187.020	196.686
154.5	121.918	138.095	150.425	184.357	194.714
155.0	122.115	138.292	149.142	181.299	193.234
155.5	122.510	138.391	147.860	178.438	191.656
156.0	122.806	138.391	146.972	175.380	190.275
156.5	123.299	138.391	146.085	172.323	188.499
157.0	123.496	138.588	145.197	169.561	186.822
157.5	123.792	138.588	144.605	166.897	184.948
158.0	124.187	138.489	144.309	164.135	183.173
158.5	124.285	138.489	143.914	161.867	181.101
159.0	124.778	138.193	143.619	159.697	179.326
159.5	125.173	137.996	143.125	157.625	177.353
160.0	125.666	137.799	142.632	155.948	175.380
160.5	126.258	137.700	142.238	154.370	173.506
161.0	126.653	137.404	142.139	152.693	171.632
161.5	127.244	137.306	141.942	151.016	170.251
162.0	127.738	137.108	142.238	149.636	169.067
162.5	128.231	137.108	142.435	148.156	167.686
163.0	128.823	137.010	142.534	146.578	166.503
163.5	129.316	137.010	142.731	144.901	165.023
164.0	129.513	137.010	142.928	142.829	163.642
164.5	129.809	136.812	142.731	141.251	161.867
165.0	130.105	136.812	142.435	139.673	160.091
165.5	130.401	136.714	142.139	138.588	158.217
166.0	130.697	136.615	141.942	137.404	155.357
166.5	130.993	136.615	141.646	136.418	153.976

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	131.387	136.615	141.350	135.530	152.891
167.5	131.585	136.615	140.758	134.741	151.806
168.0	131.880	136.615	140.265	133.952	150.918
168.5	132.472	136.221	139.574	133.261	149.833
169.0	132.768	136.319	139.081	132.571	148.748
169.5	133.261	136.023	138.292	131.782	147.564
170.0	133.459	135.925	137.602	130.795	146.479
170.5	133.755	135.727	136.714	129.710	145.295
171.0	133.952	135.530	135.727	128.527	143.816
171.5	134.248	135.530	134.840	127.442	142.632
172.0	134.741	135.333	134.346	126.357	140.857
172.5	135.037	135.333	133.755	125.173	138.884
173.0	135.432	135.136	133.261	124.088	135.530
173.5	135.925	135.234	133.064	123.003	130.500
174.0	136.319	135.234	132.966	122.115	124.285
174.5	136.615	135.234	132.768	121.227	116.887
175.0	137.207	135.530	132.670	120.537	108.503
175.5	137.404	135.629	132.571	120.241	99.724
176.0	137.799	135.826	132.571	119.945	94.003
176.5	137.897	135.925	132.472	119.945	89.959
177.0	138.292	136.122	132.275	119.649	85.816
177.5	138.391	136.122	131.979	119.551	84.928
178.0	138.785	136.319	131.880	119.452	85.126
178.5	138.983	136.418	131.979	119.255	85.323
179.0	139.180	136.418	131.880	118.959	85.421
179.5	139.377	136.418	131.782	118.860	85.520
180.0	124.976	124.976	124.976	124.976	124.976

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1129.29	N.A.	11.70
0-30	2366.25	N.A.	24.50
0-40	3801.06	N.A.	39.40
0-60	6432.79	N.A.	66.70
0-80	8014.11	N.A.	83.10
0-90	8411.81	N.A.	87.30
10-90	8117.4	N.A.	84.20
20-40	2671.76	N.A.	27.70
20-50	4084.69	N.A.	42.40
40-70	3569.2	N.A.	37.00
60-80	1581.32	N.A.	16.40
70-80	643.85	N.A.	6.70
80-90	397.70	N.A.	4.10
90-110	464.51	N.A.	4.80
90-120	660.07	N.A.	6.80
90-130	840.05	N.A.	8.70
90-150	1102.83	N.A.	11.40
90-180	1228.45	N.A.	12.70
110-180	763.94	N.A.	7.90
0-180	9640.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	294.41
10-20	834.88
20-30	1236.96
30-40	1434.8
40-50	1412.93
50-60	1218.81
60-70	937.46
70-80	643.85
80-90	397.70
90-100	254.81
100-110	209.71
110-120	195.56
120-130	179.98
130-140	151.24
140-150	111.54
150-160	72.93
160-170	40.18
170-180	12.52

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-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-L100-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

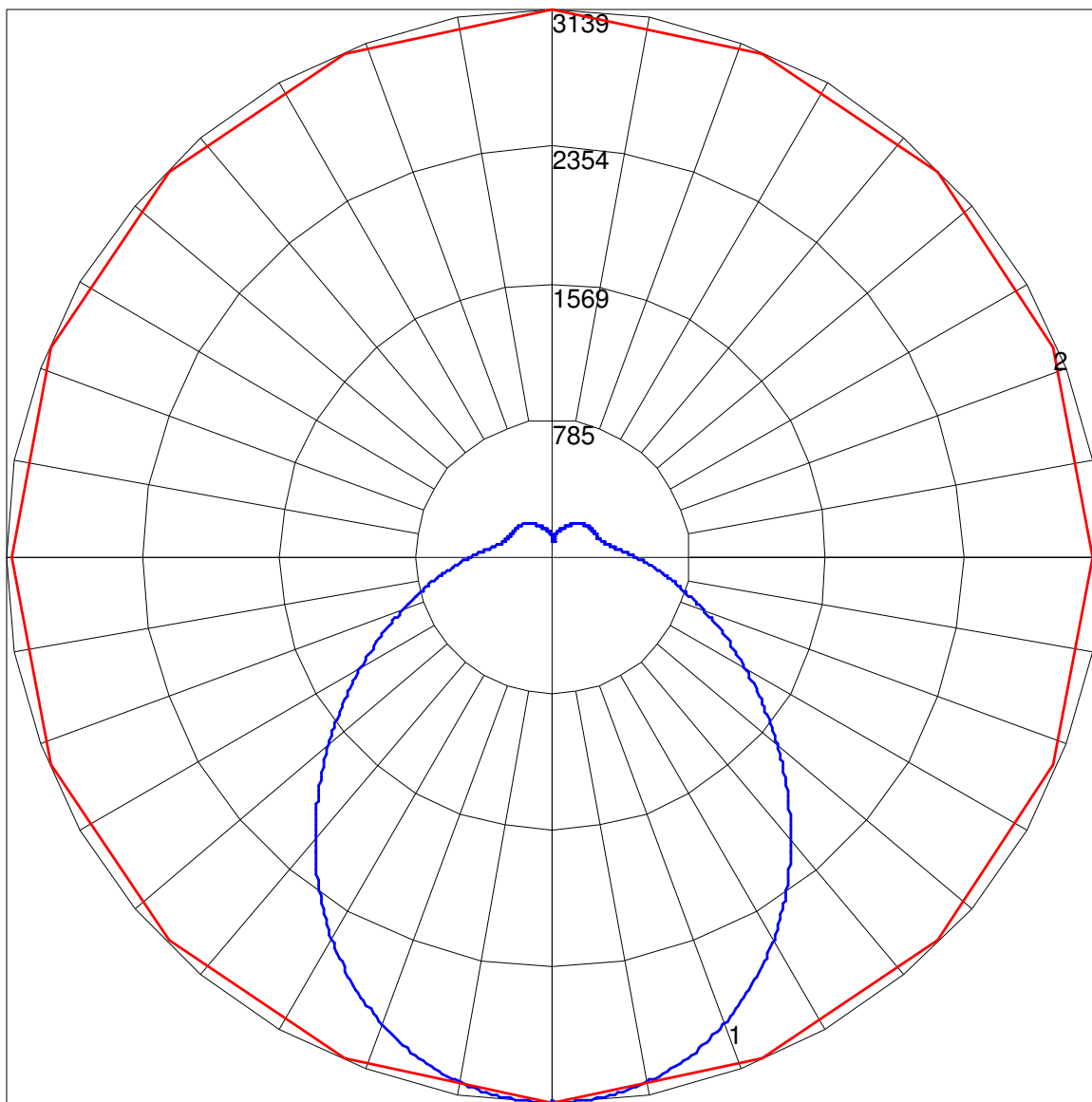
Reflectances

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	19.7	21.1	20.3	21.6	22.2	21.4	22.7	21.9	23.3	23.9
	3H	21.1	22.3	21.6	22.9	23.5	23.6	24.8	24.1	25.4	26.0
	4H	21.5	22.7	22.1	23.3	23.9	24.6	25.8	25.2	26.4	27.1
	6H	21.8	22.9	22.4	23.5	24.2	25.8	26.8	26.4	27.4	28.1
	8H	21.9	22.9	22.5	23.5	24.2	26.3	27.4	27.0	28.0	28.7
	12H	21.9	22.9	22.5	23.5	24.2	27.0	28.0	27.6	28.6	29.3
4H	2H	20.4	21.6	21.0	22.2	22.9	21.8	22.9	22.4	23.5	24.2
	3H	22.0	23.0	22.6	23.6	24.3	24.2	25.2	24.8	25.8	26.5
	4H	22.6	23.5	23.2	24.1	24.9	25.5	26.3	26.1	27.0	27.7
	6H	23.0	23.8	23.7	24.5	25.2	26.8	27.6	27.4	28.2	29.0
	8H	23.1	23.9	23.8	24.5	25.3	27.5	28.2	28.1	28.9	29.6
	12H	23.2	23.9	23.9	24.6	25.3	28.3	28.9	28.9	29.6	30.4
8H	4H	23.2	23.9	23.8	24.6	25.3	25.6	26.4	26.3	27.0	27.8
	6H	23.8	24.4	24.4	25.1	25.8	27.2	27.8	27.8	28.5	29.2
	8H	24.0	24.5	24.6	25.2	26.0	28.0	28.6	28.7	29.3	30.0
	12H	24.1	24.6	24.8	25.3	26.1	29.0	29.5	29.7	30.2	31.0
12H	4H	23.3	24.0	24.0	24.7	25.4	25.7	26.3	26.3	27.0	27.8
	6H	24.0	24.6	24.7	25.3	26.1	27.2	27.8	27.9	28.4	29.2
	8H	24.3	24.8	25.0	25.5	26.3	28.1	28.6	28.8	29.3	30.1

Maximum UGR = 31.0

POLAR GRAPH



Maximum Candela = 3138.697 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.)