

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-850-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-8-L100-850-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	10142
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	154
Total Luminaire Watts	65.9
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)	7.44 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	11219	10005	9841
55	9759	8584	8639
65	8266	7376	7699
75	6738	6477	7196
85	5292	6445	7603

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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	3282.451	3282.451	3282.451	3282.451	3282.451
0.5	3266.884	3279.337	3281.413	3280.375	3302.168
1.0	3266.884	3280.375	3280.375	3279.337	3301.131
1.5	3263.771	3280.375	3279.337	3278.300	3302.168
2.0	3262.733	3277.262	3279.337	3277.262	3299.055
2.5	3262.733	3277.262	3276.224	3276.224	3296.979
3.0	3259.620	3274.149	3274.149	3274.149	3294.904
3.5	3257.544	3271.035	3271.035	3272.073	3292.828
4.0	3255.469	3268.960	3268.960	3267.922	3290.753
4.5	3250.280	3265.847	3266.884	3265.847	3287.640
5.0	3247.167	3262.733	3262.733	3262.733	3284.526
5.5	3243.016	3258.582	3258.582	3259.620	3280.375
6.0	3240.940	3253.393	3254.431	3254.431	3276.224
6.5	3233.676	3249.242	3250.280	3250.280	3271.035
7.0	3229.525	3244.053	3245.091	3244.053	3266.884
7.5	3225.374	3237.827	3239.902	3239.902	3261.695
8.0	3220.185	3233.676	3233.676	3233.676	3254.431
8.5	3214.996	3226.411	3228.487	3228.487	3248.205
9.0	3206.694	3221.223	3222.260	3221.223	3240.940
9.5	3201.505	3213.958	3213.958	3213.958	3236.789
10.0	3193.203	3205.656	3205.656	3207.732	3228.487
10.5	3185.939	3198.392	3199.430	3199.430	3221.223
11.0	3178.674	3191.127	3192.165	3191.127	3212.921
11.5	3169.334	3182.825	3184.901	3182.825	3205.656
12.0	3161.032	3173.485	3175.561	3175.561	3196.316
12.5	3152.730	3164.146	3167.259	3165.183	3188.014
13.0	3143.390	3155.843	3157.919	3156.881	3178.674
13.5	3134.050	3145.466	3147.541	3147.541	3170.372
14.0	3122.635	3135.088	3137.164	3137.164	3158.957
14.5	3113.295	3124.710	3126.786	3126.786	3150.655
15.0	3103.955	3114.333	3115.371	3115.371	3138.201
15.5	3092.540	3101.880	3104.993	3104.993	3125.748
16.0	3080.087	3090.464	3093.578	3093.578	3115.371
16.5	3069.709	3078.011	3081.124	3082.162	3103.955
17.0	3055.180	3064.520	3068.671	3069.709	3091.502
17.5	3042.727	3052.067	3056.218	3057.256	3079.049
18.0	3031.312	3039.614	3042.727	3045.840	3067.633
18.5	3017.821	3027.161	3030.274	3032.349	3054.142
19.0	3004.330	3011.594	3016.783	3018.858	3039.614
19.5	2988.763	2999.141	3003.292	3007.443	3026.123
20.0	2972.159	2983.574	2988.763	2991.877	3011.594
20.5	2955.555	2970.084	2974.235	2978.386	2998.103
21.0	2942.064	2953.479	2956.593	2964.895	2983.574
21.5	2926.497	2937.913	2943.102	2947.253	2968.008
22.0	2909.893	2923.384	2928.573	2932.724	2954.517
22.5	2895.364	2904.704	2911.969	2918.195	2938.951
23.0	2877.722	2888.100	2895.364	2901.591	2922.346
23.5	2859.043	2870.458	2879.798	2886.025	2906.780
24.0	2840.363	2852.816	2862.156	2869.420	2890.176
24.5	2824.796	2835.174	2845.552	2851.778	2871.496
25.0	2807.154	2817.532	2828.947	2835.174	2854.892
25.5	2787.437	2799.890	2809.230	2818.570	2835.174
26.0	2768.757	2780.173	2792.626	2800.928	2819.608
26.5	2749.040	2760.455	2774.984	2782.248	2801.966

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**CANDELA TABULATION - (Cont.)**

27.0	2729.322	2739.700	2757.342	2766.682	2784.324
27.5	2706.491	2719.982	2737.624	2745.926	2766.682
28.0	2689.887	2700.265	2717.907	2727.246	2746.964
28.5	2668.094	2680.547	2698.189	2707.529	2727.246
29.0	2647.339	2659.792	2677.434	2688.849	2708.567
29.5	2625.546	2637.999	2656.678	2668.094	2687.811
30.0	2603.752	2617.243	2635.923	2650.452	2670.169
30.5	2580.922	2594.413	2616.206	2630.734	2649.414
31.0	2559.129	2572.619	2594.413	2609.979	2627.621
31.5	2536.298	2551.864	2573.657	2590.262	2608.941
32.0	2514.505	2527.996	2552.902	2568.468	2587.148
32.5	2490.636	2505.165	2531.109	2547.713	2566.393
33.0	2467.805	2483.372	2507.240	2526.958	2545.638
33.5	2446.012	2460.541	2486.485	2504.127	2523.845
34.0	2420.068	2436.672	2463.654	2483.372	2504.127
34.5	2396.199	2413.841	2441.861	2460.541	2481.296
35.0	2374.406	2388.935	2420.068	2439.786	2459.503
35.5	2346.387	2366.104	2396.199	2416.955	2436.672
36.0	2324.594	2341.198	2373.369	2394.124	2414.879
36.5	2297.612	2316.292	2349.500	2372.331	2394.124
37.0	2272.705	2292.423	2325.631	2348.462	2372.331
37.5	2246.761	2266.479	2302.801	2327.707	2348.462
38.0	2220.817	2241.572	2277.894	2303.838	2323.556
38.5	2193.835	2215.628	2254.026	2282.045	2300.725
39.0	2169.967	2189.684	2229.119	2258.177	2282.045
39.5	2142.985	2165.816	2205.251	2234.308	2257.139
40.0	2113.927	2138.834	2180.344	2212.515	2233.270
40.5	2086.945	2112.890	2156.476	2189.684	2210.440
41.0	2062.039	2086.945	2131.569	2165.816	2186.571
41.5	2035.057	2061.001	2106.663	2141.947	2163.740
42.0	2008.075	2035.057	2081.757	2119.116	2140.909
42.5	1982.131	2008.075	2055.813	2095.248	2117.041
43.0	1953.074	1982.131	2031.944	2072.417	2094.210
43.5	1928.167	1955.149	2006.000	2048.548	2071.379
44.0	1900.148	1928.167	1980.056	2025.717	2047.510
44.5	1874.204	1902.223	1954.112	2000.811	2023.642
45.0	1847.222	1875.241	1929.205	1979.018	2001.849
45.5	1820.240	1849.297	1904.299	1956.187	1979.018
46.0	1793.258	1822.315	1877.317	1931.281	1955.149
46.5	1766.276	1795.333	1854.486	1910.525	1932.318
47.0	1738.256	1769.389	1828.542	1885.619	1909.488
47.5	1711.275	1742.407	1802.598	1861.750	1885.619
48.0	1685.330	1715.426	1776.654	1839.957	1861.750
48.5	1656.273	1689.481	1752.785	1815.051	1838.920
49.0	1630.329	1661.462	1725.803	1791.182	1815.051
49.5	1603.347	1635.518	1700.897	1768.352	1792.220
50.0	1575.327	1608.536	1675.991	1743.445	1768.352
50.5	1549.383	1582.592	1650.046	1722.690	1746.559
51.0	1522.401	1555.610	1627.216	1698.821	1723.728
51.5	1496.457	1528.628	1601.271	1675.991	1700.897
52.0	1468.438	1502.684	1576.365	1652.122	1678.066
52.5	1441.456	1475.702	1552.496	1628.253	1656.273
53.0	1413.436	1449.758	1527.590	1607.498	1632.404
53.5	1386.454	1423.814	1503.722	1583.629	1610.611
54.0	1360.510	1397.869	1479.853	1560.799	1588.818
54.5	1335.604	1370.888	1455.984	1540.043	1567.025

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**CANDELA TABULATION - (Cont.)**

55.0	1309.659	1345.981	1432.116	1516.175	1547.308
55.5	1287.866	1320.037	1408.247	1494.382	1523.439
56.0	1262.960	1297.206	1385.416	1472.589	1501.646
56.5	1237.016	1273.338	1361.548	1450.796	1480.891
57.0	1212.110	1249.469	1338.717	1429.002	1459.098
57.5	1186.165	1224.563	1318.999	1408.247	1435.229
58.0	1160.221	1199.656	1296.169	1385.416	1417.587
58.5	1135.315	1174.750	1273.338	1365.699	1396.832
59.0	1110.409	1149.844	1251.545	1348.057	1375.039
59.5	1085.502	1125.975	1231.827	1326.264	1358.434
60.0	1060.596	1101.069	1210.034	1305.508	1337.679
60.5	1036.208	1077.200	1188.241	1285.791	1316.924
61.0	1011.717	1053.332	1166.448	1266.073	1297.206
61.5	987.433	1029.670	1144.655	1246.356	1278.527
62.0	963.565	1006.217	1123.900	1227.676	1258.809
62.5	940.008	982.971	1102.106	1208.996	1240.129
63.0	916.139	959.829	1081.351	1189.279	1223.525
63.5	892.478	936.998	1061.634	1170.599	1204.845
64.0	869.440	914.479	1040.878	1150.881	1186.165
64.5	846.505	892.478	1021.161	1132.202	1167.486
65.0	823.778	870.374	1001.339	1113.522	1149.844
65.5	801.362	848.788	981.726	1094.842	1131.164
66.0	778.635	827.203	962.320	1076.162	1113.522
66.5	756.427	806.136	943.017	1058.520	1095.880
67.0	734.738	785.277	923.818	1039.841	1078.238
67.5	712.945	764.729	905.035	1022.406	1060.596
68.0	691.463	744.700	886.355	1004.764	1043.992
68.5	670.292	724.775	868.090	987.641	1026.661
69.0	649.226	705.058	850.033	970.414	1010.264
69.5	628.470	685.755	832.184	953.706	993.971
70.0	607.819	666.764	814.646	937.309	977.782
70.5	587.686	647.980	797.107	920.913	961.801
71.0	567.761	629.404	779.880	904.724	946.027
71.5	548.044	611.244	763.069	888.950	930.460
72.0	528.741	592.979	746.257	873.279	915.309
72.5	509.335	575.337	729.860	857.920	900.261
73.0	490.448	557.799	713.567	842.769	885.110
73.5	472.079	540.468	697.793	827.721	870.374
74.0	453.918	523.656	681.812	813.193	855.533
74.5	436.069	506.741	666.556	798.768	841.524
75.0	418.323	490.240	651.405	784.654	827.929
75.5	400.889	474.155	636.461	770.644	814.127
76.0	383.973	458.381	621.933	756.738	800.636
76.5	367.161	442.814	607.508	743.144	787.145
77.0	350.557	427.352	593.290	729.653	774.069
77.5	334.264	412.304	579.280	716.577	761.097
78.0	318.179	397.568	565.686	703.708	748.332
78.5	302.405	383.039	552.195	690.736	735.672
79.0	286.942	368.925	539.119	678.179	723.218
79.5	271.583	354.916	526.251	665.934	710.765
80.0	256.432	341.113	513.382	653.792	698.935
80.5	241.695	327.726	500.929	641.546	686.897
81.0	227.374	314.547	488.995	629.716	675.170
81.5	212.846	301.678	477.061	617.989	663.443
82.0	198.836	289.121	465.438	606.677	652.132
82.5	185.137	276.772	454.022	595.366	641.027

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**CANDELA TABULATION - (Cont.)**

83.0	171.646	264.734	442.814	584.469	630.235
83.5	158.259	253.007	432.125	573.365	619.027
84.0	145.183	241.592	421.748	562.884	608.338
84.5	132.211	230.591	411.578	552.506	597.856
85.0	119.758	219.902	401.615	542.232	587.375
85.5	107.305	209.732	391.860	532.270	577.205
86.0	95.059	199.977	382.313	522.515	567.139
86.5	82.917	190.845	373.284	512.760	557.072
87.0	70.983	182.024	364.152	503.524	547.213
87.5	59.049	173.826	355.538	494.184	537.770
88.0	47.218	165.835	347.029	485.155	528.222
88.5	35.284	158.363	338.830	476.230	518.986
89.0	24.387	151.306	331.047	467.617	509.854
89.5	15.463	144.768	323.471	459.315	500.929
90.0	9.236	138.957	316.518	451.428	492.731
90.5	6.538	133.872	310.084	443.541	484.014
91.0	6.953	129.202	303.546	435.550	475.711
91.5	8.302	124.739	297.008	427.974	467.409
92.0	9.859	121.003	290.782	420.295	459.315
92.5	11.519	117.786	285.489	412.927	451.324
93.0	13.180	114.984	279.989	405.974	443.645
93.5	14.944	112.805	274.800	399.124	436.380
94.0	16.812	110.937	269.923	392.690	429.323
94.5	18.576	109.588	265.357	386.152	422.059
95.0	20.340	108.550	261.102	379.718	415.106
95.5	22.001	107.824	257.158	373.595	408.257
96.0	23.350	107.512	253.734	367.680	401.511
96.5	24.699	107.512	250.309	362.180	395.285
97.0	25.944	107.616	247.196	356.887	389.058
97.5	27.293	108.031	244.290	351.802	383.350
98.0	28.435	108.446	241.695	346.821	377.539
98.5	29.784	108.965	239.516	342.047	372.143
99.0	31.133	109.588	237.233	337.585	366.850
99.5	32.586	110.314	235.261	333.330	361.661
100.0	33.831	111.041	233.705	329.387	356.991
100.5	35.284	111.871	232.148	325.547	352.217
101.0	36.529	112.701	231.006	321.915	347.963
101.5	37.775	113.531	229.865	318.490	343.604
102.0	38.916	114.362	229.035	315.273	339.764
102.5	40.058	115.192	228.205	312.263	335.925
103.0	41.199	116.126	227.582	309.254	332.500
103.5	42.445	117.060	227.063	306.660	328.972
104.0	43.794	117.890	226.544	304.273	325.754
104.5	45.143	118.824	226.233	301.990	322.745
105.0	46.388	119.758	225.921	299.914	319.839
105.5	47.530	120.588	225.610	297.735	317.349
106.0	48.879	121.626	225.506	295.867	314.858
106.5	50.124	122.560	225.506	294.103	312.367
107.0	51.369	123.598	225.506	292.442	310.292
107.5	52.511	124.428	225.506	291.197	308.112
108.0	53.964	125.466	225.506	289.744	305.933
108.5	55.313	126.504	225.610	288.706	304.480
109.0	56.662	127.334	225.818	287.357	303.027
109.5	58.115	128.268	225.921	286.423	301.471
110.0	59.568	129.202	226.129	285.385	300.225
110.5	61.021	130.136	226.337	284.451	299.084

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**CANDELA TABULATION - (Cont.)**

111.0	62.473	131.070	226.440	283.621	297.839
111.5	63.926	131.900	226.544	282.999	296.801
112.0	65.483	132.834	226.752	282.376	295.555
112.5	67.040	133.768	226.959	281.649	294.414
113.0	68.700	134.702	227.271	281.131	293.895
113.5	70.257	135.532	227.271	280.612	293.169
114.0	71.917	136.362	227.478	280.197	292.442
114.5	73.474	137.296	227.686	279.678	291.820
115.0	75.134	138.023	227.893	279.366	291.301
115.5	76.795	138.957	227.893	279.055	290.782
116.0	78.351	139.787	228.205	278.640	290.159
116.5	79.804	140.617	228.412	278.225	289.952
117.0	81.465	141.551	228.620	278.225	289.433
117.5	83.021	142.278	228.827	277.810	289.121
118.0	84.370	143.004	229.035	277.602	288.706
118.5	85.927	143.730	229.139	277.291	288.602
119.0	87.276	144.457	229.346	276.979	287.980
119.5	88.729	144.976	229.554	276.668	287.876
120.0	90.078	145.495	229.450	276.461	287.357
120.5	91.427	146.117	229.554	276.045	287.253
121.0	92.776	146.532	229.761	275.734	286.838
121.5	94.229	147.051	229.657	275.319	286.631
122.0	95.578	147.674	229.657	275.112	286.319
122.5	96.927	148.297	229.761	274.696	285.593
123.0	98.276	148.919	229.657	274.281	285.489
123.5	99.522	149.438	229.450	273.970	284.866
124.0	100.559	149.853	229.450	273.659	284.763
124.5	101.597	150.268	229.450	273.140	284.348
125.0	102.635	150.787	229.242	272.621	283.933
125.5	103.673	151.099	229.035	272.310	283.414
126.0	104.607	151.514	228.931	271.687	282.999
126.5	105.437	152.033	228.723	271.272	282.687
127.0	106.371	152.240	228.516	270.753	282.272
127.5	107.097	152.551	228.205	270.234	281.546
128.0	108.031	152.551	228.101	269.611	281.131
128.5	108.758	152.759	227.686	269.092	280.715
129.0	109.484	152.967	227.271	268.574	280.197
129.5	110.107	153.278	226.544	267.743	279.574
130.0	110.626	153.485	225.818	267.224	278.951
130.5	111.145	153.693	224.987	266.602	278.225
131.0	111.456	154.004	224.157	265.668	277.498
131.5	111.871	154.316	223.327	264.838	276.772
132.0	112.286	154.627	222.393	264.319	276.149
132.5	112.494	154.731	221.355	263.281	275.215
133.0	112.805	154.835	220.940	262.347	274.074
133.5	112.909	154.731	220.318	261.621	273.555
134.0	113.013	154.523	219.902	260.790	272.828
134.5	113.324	154.108	219.384	259.856	271.479
135.0	113.635	153.797	218.761	258.611	270.442
135.5	113.531	152.967	218.242	257.781	269.611
136.0	113.739	152.863	217.516	256.743	268.574
136.5	113.947	152.551	216.997	255.602	267.536
137.0	114.050	152.033	216.166	254.668	266.394
137.5	114.154	151.514	215.440	253.422	265.357
138.0	114.362	151.202	214.402	252.384	264.111
138.5	114.362	150.787	213.053	251.243	263.177

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-850-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	114.258	150.476	211.497	249.894	261.724
139.5	114.258	150.061	209.629	248.441	260.687
140.0	114.258	149.542	207.553	247.092	259.234
140.5	114.258	149.231	205.685	245.431	257.677
141.0	114.258	149.023	203.609	243.667	256.432
141.5	114.258	148.608	201.534	242.111	255.186
142.0	114.154	148.400	199.562	240.139	253.837
142.5	114.050	148.089	197.487	238.375	252.281
143.0	113.947	147.778	195.515	236.714	250.724
143.5	113.947	147.363	193.232	234.950	249.271
144.0	113.947	146.844	191.260	233.601	247.611
144.5	114.258	146.429	189.288	232.044	246.158
145.0	114.673	146.014	187.109	230.695	244.497
145.5	115.399	145.495	185.137	229.346	242.837
146.0	116.333	145.080	183.269	227.893	241.280
146.5	117.267	144.664	181.713	226.337	239.516
147.0	118.201	144.146	179.948	224.780	237.752
147.5	119.032	143.938	178.599	223.223	235.988
148.0	119.966	143.523	177.146	221.459	234.120
148.5	120.796	143.419	176.005	219.799	232.252
149.0	121.834	143.419	174.760	218.138	230.591
149.5	122.560	143.730	173.618	216.374	228.516
150.0	123.390	143.938	172.477	214.714	226.337
150.5	124.117	144.042	171.231	212.846	224.053
151.0	124.636	144.353	169.571	210.978	221.355
151.5	125.154	144.457	167.807	209.006	218.865
152.0	125.777	144.664	166.146	206.930	216.374
152.5	126.400	144.872	164.590	204.751	213.676
153.0	126.815	144.976	162.929	202.260	211.497
153.5	127.334	145.287	161.165	199.666	209.006
154.0	127.749	145.183	159.608	196.760	206.930
154.5	128.268	145.287	158.259	193.958	204.855
155.0	128.475	145.495	156.910	190.741	203.298
155.5	128.890	145.598	155.561	187.732	201.638
156.0	129.202	145.598	154.627	184.515	200.185
156.5	129.721	145.598	153.693	181.298	198.317
157.0	129.928	145.806	152.759	178.392	196.553
157.5	130.240	145.806	152.136	175.590	194.581
158.0	130.655	145.702	151.825	172.684	192.713
158.5	130.758	145.702	151.410	170.297	190.534
159.0	131.277	145.391	151.099	168.014	188.666
159.5	131.692	145.183	150.580	165.835	186.590
160.0	132.211	144.976	150.061	164.071	184.515
160.5	132.834	144.872	149.646	162.410	182.543
161.0	133.249	144.561	149.542	160.646	180.571
161.5	133.872	144.457	149.334	158.882	179.118
162.0	134.391	144.249	149.646	157.429	177.873
162.5	134.909	144.249	149.853	155.872	176.420
163.0	135.532	144.146	149.957	154.212	175.175
163.5	136.051	144.146	150.165	152.448	173.618
164.0	136.259	144.146	150.372	150.268	172.165
164.5	136.570	143.938	150.165	148.608	170.297
165.0	136.881	143.938	149.853	146.948	168.429
165.5	137.193	143.834	149.542	145.806	166.458
166.0	137.504	143.730	149.334	144.561	163.448
166.5	137.815	143.730	149.023	143.523	161.995

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-850-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	138.230	143.730	148.712	142.589	160.854
167.5	138.438	143.730	148.089	141.759	159.712
168.0	138.749	143.730	147.570	140.928	158.778
168.5	139.372	143.315	146.844	140.202	157.637
169.0	139.683	143.419	146.325	139.476	156.495
169.5	140.202	143.108	145.495	138.645	155.250
170.0	140.410	143.004	144.768	137.608	154.108
170.5	140.721	142.796	143.834	136.466	152.863
171.0	140.928	142.589	142.796	135.221	151.306
171.5	141.240	142.589	141.862	134.079	150.061
172.0	141.759	142.381	141.344	132.938	148.193
172.5	142.070	142.381	140.721	131.692	146.117
173.0	142.485	142.174	140.202	130.551	142.589
173.5	143.004	142.278	139.995	129.409	137.296
174.0	143.419	142.278	139.891	128.475	130.758
174.5	143.730	142.278	139.683	127.541	122.975
175.0	144.353	142.589	139.579	126.815	114.154
175.5	144.561	142.693	139.476	126.504	104.918
176.0	144.976	142.900	139.476	126.192	98.899
176.5	145.080	143.004	139.372	126.192	94.644
177.0	145.495	143.212	139.164	125.881	90.286
177.5	145.598	143.212	138.853	125.777	89.352
178.0	146.014	143.419	138.749	125.673	89.559
178.5	146.221	143.523	138.853	125.466	89.767
179.0	146.429	143.523	138.749	125.154	89.870
179.5	146.636	143.523	138.645	125.051	89.974
180.0	131.485	131.485	131.485	131.485	131.485



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-850-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1188.11	N.A.	11.70
0-30	2489.49	N.A.	24.50
0-40	3999.03	N.A.	39.40
0-60	6767.83	N.A.	66.70
0-80	8431.51	N.A.	83.10
0-90	8849.92	N.A.	87.30
10-90	8540.18	N.A.	84.20
20-40	2810.91	N.A.	27.70
20-50	4297.43	N.A.	42.40
40-70	3755.09	N.A.	37.00
60-80	1663.68	N.A.	16.40
70-80	677.39	N.A.	6.70
80-90	418.41	N.A.	4.10
90-110	488.71	N.A.	4.80
90-120	694.45	N.A.	6.80
90-130	883.80	N.A.	8.70
90-150	1160.27	N.A.	11.40
90-180	1292.43	N.A.	12.70
110-180	803.73	N.A.	7.90
0-180	10142.35	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	309.74
10-20	878.37
20-30	1301.38
30-40	1509.53
40-50	1486.52
50-60	1282.29
60-70	986.29
70-80	677.39
80-90	418.41
90-100	268.08
100-110	220.63
110-120	205.74
120-130	189.35
130-140	159.12
140-150	117.35
150-160	76.72
160-170	42.27
170-180	13.17

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-850-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-8-L100-850-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

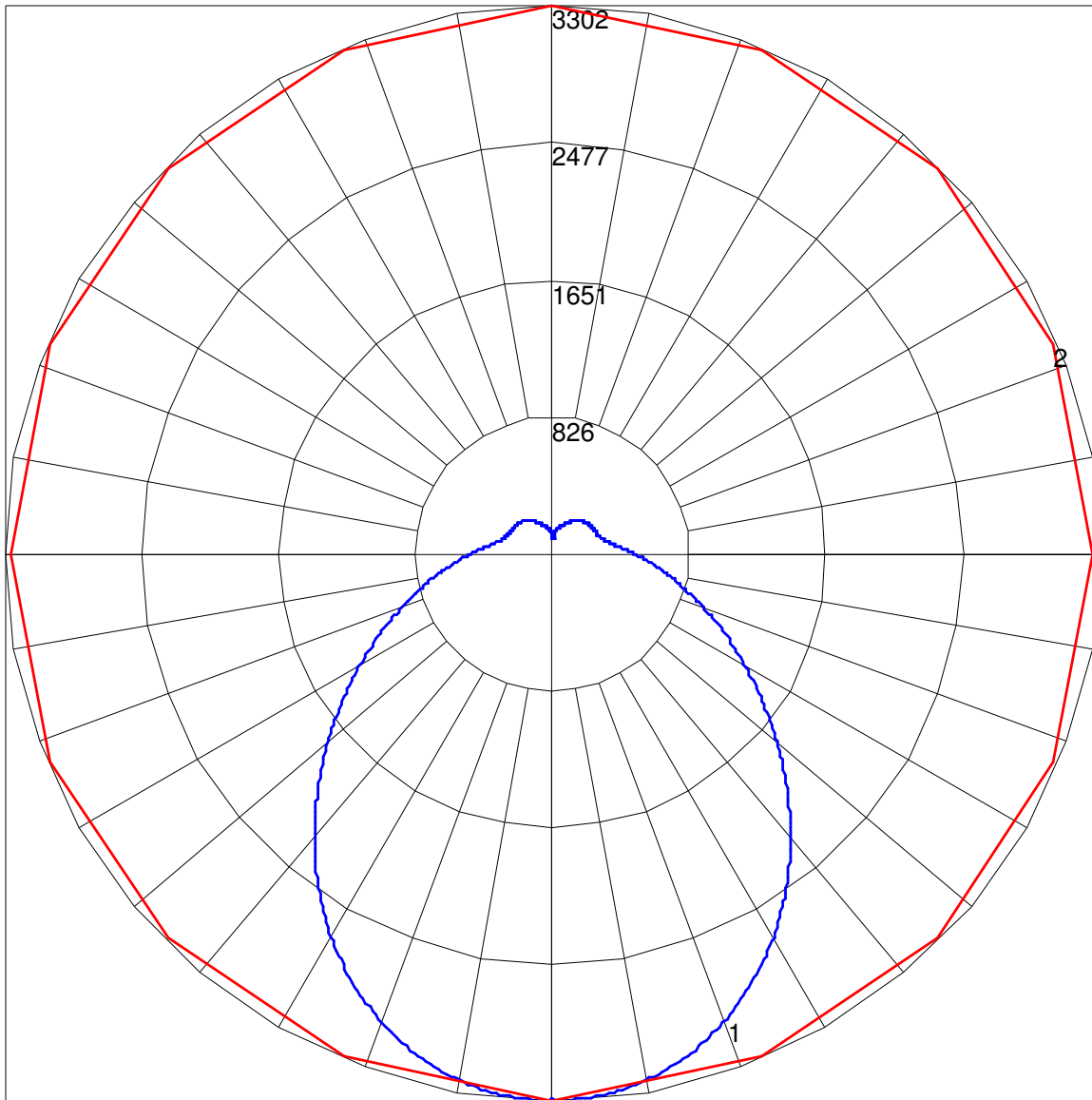
Reflectances

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	17.5	18.9	18.0	19.4	20.0	19.2	20.6	19.8	21.1	21.7
	3H	18.9	20.1	19.4	20.7	21.3	21.4	22.7	22.0	23.2	23.9
	4H	19.3	20.5	19.9	21.0	21.7	22.5	23.7	23.1	24.2	24.9
	6H	19.6	20.7	20.2	21.3	22.0	23.6	24.7	24.2	25.3	26.0
	8H	19.7	20.7	20.3	21.3	22.0	24.3	25.3	24.9	25.9	26.6
	12H	19.7	20.7	20.3	21.3	22.0	25.0	25.9	25.6	26.6	27.3
4H	2H	18.2	19.4	18.8	20.0	20.7	19.6	20.8	20.2	21.4	22.0
	3H	19.8	20.8	20.4	21.5	22.1	22.1	23.0	22.7	23.7	24.4
	4H	20.4	21.3	21.0	21.9	22.7	23.3	24.2	23.9	24.8	25.6
	6H	20.8	21.6	21.5	22.3	23.0	24.7	25.4	25.3	26.1	26.8
	8H	20.9	21.7	21.6	22.3	23.1	25.4	26.1	26.0	26.8	27.5
	12H	21.0	21.7	21.7	22.4	23.1	26.2	26.9	26.9	27.6	28.3
8H	4H	21.0	21.7	21.6	22.4	23.1	23.5	24.2	24.2	24.9	25.7
	6H	21.6	22.2	22.2	22.9	23.6	25.0	25.7	25.7	26.4	27.1
	8H	21.8	22.3	22.5	23.0	23.8	25.9	26.5	26.6	27.2	27.9
	12H	21.9	22.4	22.6	23.1	23.9	26.9	27.4	27.6	28.1	28.9
12H	4H	21.2	21.8	21.8	22.5	23.3	23.5	24.2	24.2	24.9	25.6
	6H	21.8	22.4	22.5	23.1	23.9	25.1	25.6	25.8	26.3	27.1
	8H	22.1	22.6	22.8	23.3	24.1	26.0	26.5	26.7	27.2	28.0

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 3302.168 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.)