

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-835-HE-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-L100-835-HE-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	9575
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	177
Total Luminaire Watts	54.1
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	10591	9445	9290
55	9214	8104	8156
65	7804	6964	7269
75	6361	6115	6794
85	4996	6085	7178

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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	3098.918	3098.918	3098.918	3098.918	3098.918
0.5	3084.222	3095.979	3097.938	3096.958	3117.533
1.0	3084.222	3096.958	3096.958	3095.979	3116.553
1.5	3081.283	3096.958	3095.979	3094.999	3117.533
2.0	3080.303	3094.019	3095.979	3094.019	3114.594
2.5	3080.303	3094.019	3093.039	3093.039	3112.634
3.0	3077.364	3091.080	3091.080	3091.080	3110.675
3.5	3075.404	3088.141	3088.141	3089.120	3108.715
4.0	3073.445	3086.181	3086.181	3085.202	3106.756
4.5	3068.546	3083.242	3084.222	3083.242	3103.817
5.0	3065.607	3080.303	3080.303	3080.303	3100.877
5.5	3061.688	3076.384	3076.384	3077.364	3096.958
6.0	3059.728	3071.485	3072.465	3072.465	3093.039
6.5	3052.870	3067.566	3068.546	3068.546	3088.141
7.0	3048.951	3062.668	3063.647	3062.668	3084.222
7.5	3045.032	3056.789	3058.749	3058.749	3079.323
8.0	3040.133	3052.870	3052.870	3052.870	3072.465
8.5	3035.235	3046.012	3047.971	3047.971	3066.586
9.0	3027.397	3041.113	3042.093	3041.113	3059.728
9.5	3022.498	3034.255	3034.255	3034.255	3055.809
10.0	3014.660	3026.417	3026.417	3028.377	3047.971
10.5	3007.802	3019.559	3020.539	3020.539	3041.113
11.0	3000.944	3012.701	3013.680	3012.701	3033.275
11.5	2992.126	3004.863	3006.822	3004.863	3026.417
12.0	2984.288	2996.045	2998.005	2998.005	3017.599
12.5	2976.450	2987.228	2990.167	2988.207	3009.762
13.0	2967.633	2979.390	2981.349	2980.369	3000.944
13.5	2958.815	2969.592	2971.552	2971.552	2993.106
14.0	2948.038	2959.795	2961.754	2961.754	2982.329
14.5	2939.220	2949.997	2951.957	2951.957	2974.491
15.0	2930.403	2940.200	2941.180	2941.180	2962.734
15.5	2919.625	2928.443	2931.382	2931.382	2950.977
16.0	2907.869	2917.666	2920.605	2920.605	2941.180
16.5	2898.071	2905.909	2908.848	2909.828	2930.403
17.0	2884.355	2893.172	2897.091	2898.071	2918.646
17.5	2872.598	2881.416	2885.335	2886.314	2906.889
18.0	2861.821	2869.659	2872.598	2875.537	2896.112
18.5	2849.084	2857.902	2860.841	2862.801	2883.375
19.0	2836.348	2843.206	2848.104	2850.064	2869.659
19.5	2821.651	2831.449	2835.368	2839.287	2856.922
20.0	2805.976	2816.753	2821.651	2824.591	2843.206
20.5	2790.300	2804.016	2807.935	2811.854	2830.469
21.0	2777.563	2788.340	2791.279	2799.117	2816.753
21.5	2762.867	2773.644	2778.543	2782.462	2802.057
22.0	2747.191	2759.928	2764.827	2768.745	2789.320
22.5	2733.475	2742.292	2749.151	2755.029	2774.624
23.0	2716.819	2726.617	2733.475	2739.353	2758.948
23.5	2699.184	2709.961	2718.779	2724.657	2744.252
24.0	2681.549	2693.305	2702.123	2708.981	2728.576
24.5	2666.853	2676.650	2686.447	2692.326	2710.941
25.0	2650.197	2659.994	2670.771	2676.650	2695.265
25.5	2631.582	2643.339	2652.156	2660.974	2676.650
26.0	2613.947	2624.724	2636.481	2644.318	2661.954
26.5	2595.331	2606.109	2619.825	2626.683	2645.298

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**CANDELA TABULATION - (Cont.)**

27.0	2576.716	2586.514	2603.169	2611.987	2628.643
27.5	2555.162	2567.899	2584.554	2592.392	2611.987
28.0	2539.486	2549.284	2565.939	2574.757	2593.372
28.5	2518.912	2530.669	2547.324	2556.142	2574.757
29.0	2499.317	2511.074	2527.729	2538.507	2557.122
29.5	2478.742	2490.499	2508.135	2518.912	2537.527
30.0	2458.168	2470.904	2488.540	2502.256	2520.871
30.5	2436.614	2449.350	2469.925	2483.641	2501.276
31.0	2416.039	2428.776	2449.350	2464.046	2480.702
31.5	2394.485	2409.181	2429.755	2445.431	2463.067
32.0	2373.910	2386.647	2410.161	2424.857	2442.492
32.5	2351.376	2365.093	2389.586	2405.262	2422.897
33.0	2329.822	2344.518	2367.052	2385.667	2403.302
33.5	2309.247	2322.964	2347.457	2364.113	2382.728
34.0	2284.754	2300.430	2325.903	2344.518	2364.113
34.5	2262.220	2278.875	2305.328	2322.964	2342.559
35.0	2241.645	2255.362	2284.754	2303.369	2321.984
35.5	2215.192	2233.807	2262.220	2281.815	2300.430
36.0	2194.618	2210.294	2240.666	2260.260	2279.855
36.5	2169.145	2186.780	2218.132	2239.686	2260.260
37.0	2145.631	2164.246	2195.598	2217.152	2239.686
37.5	2121.137	2139.752	2174.043	2197.557	2217.152
38.0	2096.644	2116.239	2150.529	2175.023	2193.638
38.5	2071.171	2091.745	2127.995	2154.448	2172.084
39.0	2048.637	2067.252	2104.482	2131.914	2154.448
39.5	2023.163	2044.718	2081.948	2109.380	2130.935
40.0	1995.731	2019.244	2058.434	2088.806	2108.401
40.5	1970.257	1994.751	2035.900	2067.252	2086.846
41.0	1946.744	1970.257	2012.386	2044.718	2064.312
41.5	1921.270	1945.764	1988.872	2022.184	2042.758
42.0	1895.797	1921.270	1965.359	2000.629	2021.204
42.5	1871.304	1895.797	1940.865	1978.095	1998.670
43.0	1843.871	1871.304	1918.331	1956.541	1977.115
43.5	1820.357	1845.830	1893.838	1934.007	1955.561
44.0	1793.904	1820.357	1869.344	1912.453	1933.027
44.5	1769.411	1795.864	1844.851	1888.939	1910.493
45.0	1743.937	1770.390	1821.337	1868.364	1889.919
45.5	1718.464	1745.897	1797.823	1846.810	1868.364
46.0	1692.991	1720.424	1772.350	1823.296	1845.830
46.5	1667.518	1694.950	1750.796	1803.701	1824.276
47.0	1641.065	1670.457	1726.302	1780.188	1802.722
47.5	1615.591	1644.984	1701.809	1757.654	1780.188
48.0	1591.098	1619.510	1677.315	1737.079	1757.654
48.5	1563.665	1595.017	1654.781	1713.565	1736.099
49.0	1539.172	1568.564	1629.308	1691.031	1713.565
49.5	1513.698	1544.070	1605.794	1669.477	1692.011
50.0	1487.245	1518.597	1582.280	1645.963	1669.477
50.5	1462.752	1494.104	1557.787	1626.369	1648.903
51.0	1437.279	1468.630	1536.232	1603.835	1627.348
51.5	1412.785	1443.157	1511.739	1582.280	1605.794
52.0	1386.332	1418.664	1488.225	1559.746	1584.240
52.5	1360.859	1393.190	1465.691	1537.212	1563.665
53.0	1334.406	1368.697	1442.177	1517.617	1541.131
53.5	1308.933	1344.203	1419.643	1495.083	1520.557
54.0	1284.439	1319.710	1397.109	1473.529	1499.982
54.5	1260.925	1294.237	1374.575	1453.934	1479.408

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**CANDELA TABULATION - (Cont.)**

55.0	1236.432	1270.723	1352.041	1431.400	1460.792
55.5	1215.857	1246.229	1329.507	1410.826	1438.258
56.0	1192.344	1224.675	1307.953	1390.251	1417.684
56.5	1167.850	1202.141	1285.419	1369.677	1398.089
57.0	1144.336	1179.607	1263.865	1349.102	1377.515
57.5	1119.843	1156.093	1245.250	1329.507	1354.981
58.0	1095.349	1132.580	1223.695	1307.953	1338.325
58.5	1071.836	1109.066	1202.141	1289.338	1318.730
59.0	1048.322	1085.552	1181.567	1272.682	1298.156
59.5	1024.808	1063.018	1162.951	1252.108	1282.480
60.0	1001.294	1039.504	1142.377	1232.513	1262.885
60.5	978.270	1016.970	1121.802	1213.898	1243.290
61.0	955.149	994.436	1101.228	1195.283	1224.675
61.5	932.223	972.098	1080.653	1176.668	1207.040
62.0	909.689	949.956	1061.059	1159.033	1188.425
62.5	887.449	928.010	1040.484	1141.397	1170.789
63.0	864.915	906.162	1020.889	1122.782	1155.114
63.5	842.576	884.607	1002.274	1105.147	1137.478
64.0	820.826	863.347	982.679	1086.532	1119.843
64.5	799.174	842.576	964.064	1068.896	1102.208
65.0	777.718	821.708	945.351	1051.261	1085.552
65.5	756.555	801.329	926.834	1033.626	1067.917
66.0	735.099	780.951	908.513	1015.990	1051.261
66.5	714.133	761.062	890.290	999.335	1034.606
67.0	693.656	741.369	872.165	981.700	1017.950
67.5	673.081	721.970	854.431	965.240	1001.294
68.0	652.801	703.061	836.796	948.584	985.619
68.5	632.814	684.250	819.553	932.419	969.257
69.0	612.925	665.635	802.505	916.155	953.777
69.5	593.331	647.412	785.654	900.381	938.395
70.0	573.834	629.483	769.096	884.901	923.111
70.5	554.827	611.750	752.538	869.421	908.023
71.0	536.016	594.212	736.275	854.137	893.131
71.5	517.401	577.067	720.403	839.245	878.435
72.0	499.178	559.823	704.531	824.451	864.131
72.5	480.856	543.168	689.051	809.951	849.925
73.0	463.025	526.610	673.669	795.647	835.620
73.5	445.684	510.249	658.777	781.441	821.708
74.0	428.538	494.377	643.689	767.724	807.698
74.5	411.687	478.407	629.287	754.106	794.471
75.0	394.933	462.829	614.983	740.781	781.637
75.5	378.474	447.643	600.875	727.555	768.606
76.0	362.504	432.751	587.158	714.426	755.869
76.5	346.632	418.055	573.540	701.592	743.133
77.0	330.956	403.457	560.117	688.855	730.788
77.5	315.574	389.251	546.891	676.511	718.541
78.0	300.388	375.338	534.056	664.362	706.491
78.5	285.496	361.622	521.320	652.115	694.538
79.0	270.898	348.298	508.975	640.260	682.781
79.5	256.398	335.071	496.826	628.699	671.024
80.0	242.094	322.041	484.677	617.236	659.855
80.5	228.181	309.402	472.921	605.675	648.490
81.0	214.661	296.959	461.654	594.506	637.419
81.5	200.945	284.810	450.387	583.435	626.348
82.0	187.718	272.956	439.413	572.756	615.669
82.5	174.786	261.297	428.636	562.077	605.185

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**CANDELA TABULATION - (Cont.)**

83.0	162.049	249.932	418.055	551.790	594.996
83.5	149.410	238.861	407.964	541.306	584.415
84.0	137.066	228.083	398.166	531.411	574.324
84.5	124.819	217.698	388.565	521.614	564.428
85.0	113.062	207.607	379.159	511.914	554.533
85.5	101.305	198.005	369.950	502.509	544.931
86.0	89.744	188.796	360.936	493.299	535.428
86.5	78.281	180.174	352.413	484.090	525.924
87.0	67.014	171.846	343.791	475.370	516.617
87.5	55.747	164.106	335.659	466.552	507.701
88.0	44.578	156.562	327.625	458.028	498.688
88.5	33.311	149.508	319.885	449.603	489.968
89.0	23.024	142.846	312.537	441.471	481.346
89.5	14.598	136.674	305.385	433.633	472.921
90.0	8.720	131.187	298.821	426.187	465.181
90.5	6.172	126.386	292.746	418.741	456.951
91.0	6.564	121.978	286.574	411.197	449.113
91.5	7.838	117.765	280.402	404.045	441.275
92.0	9.308	114.238	274.523	396.795	433.633
92.5	10.875	111.200	269.526	389.839	426.089
93.0	12.443	108.555	264.334	383.274	418.839
93.5	14.108	106.498	259.435	376.808	411.981
94.0	15.872	104.734	254.830	370.734	405.318
94.5	17.537	103.461	250.520	364.561	398.460
95.0	19.203	102.481	246.503	358.487	391.896
95.5	20.770	101.795	242.780	352.706	385.430
96.0	22.044	101.501	239.546	347.122	379.061
96.5	23.318	101.501	236.313	341.929	373.183
97.0	24.494	101.599	233.374	336.933	367.305
97.5	25.767	101.991	230.631	332.132	361.916
98.0	26.845	102.383	228.181	327.429	356.429
98.5	28.119	102.873	226.124	322.922	351.335
99.0	29.392	103.461	223.969	318.709	346.338
99.5	30.764	104.146	222.107	314.693	341.439
100.0	31.940	104.832	220.637	310.970	337.031
100.5	33.311	105.616	219.168	307.344	332.524
101.0	34.487	106.400	218.090	303.915	328.507
101.5	35.663	107.184	217.012	300.682	324.392
102.0	36.740	107.967	216.229	297.645	320.767
102.5	37.818	108.751	215.445	294.804	317.142
103.0	38.896	109.633	214.857	291.963	313.909
103.5	40.071	110.515	214.367	289.513	310.578
104.0	41.345	111.298	213.877	287.260	307.540
104.5	42.619	112.180	213.583	285.104	304.699
105.0	43.794	113.062	213.289	283.145	301.956
105.5	44.872	113.846	212.995	281.087	299.605
106.0	46.146	114.826	212.898	279.324	297.253
106.5	47.321	115.707	212.898	277.658	294.902
107.0	48.497	116.687	212.898	276.091	292.942
107.5	49.575	117.471	212.898	274.915	290.885
108.0	50.946	118.451	212.898	273.543	288.827
108.5	52.220	119.430	212.995	272.564	287.456
109.0	53.494	120.214	213.191	271.290	286.084
109.5	54.865	121.096	213.289	270.408	284.614
110.0	56.237	121.978	213.485	269.429	283.439
110.5	57.609	122.859	213.681	268.547	282.361

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**CANDELA TABULATION - (Cont.)**

111.0	58.980	123.741	213.779	267.763	281.185
111.5	60.352	124.525	213.877	267.175	280.206
112.0	61.822	125.407	214.073	266.587	279.030
112.5	63.291	126.288	214.269	265.901	277.952
113.0	64.859	127.170	214.563	265.412	277.462
113.5	66.328	127.954	214.563	264.922	276.777
114.0	67.896	128.738	214.759	264.530	276.091
114.5	69.366	129.620	214.955	264.040	275.503
115.0	70.933	130.305	215.151	263.746	275.013
115.5	72.501	131.187	215.151	263.452	274.523
116.0	73.970	131.971	215.445	263.060	273.935
116.5	75.342	132.755	215.641	262.668	273.739
117.0	76.910	133.637	215.837	262.668	273.250
117.5	78.379	134.322	216.033	262.276	272.956
118.0	79.653	135.008	216.229	262.080	272.564
118.5	81.122	135.694	216.327	261.787	272.466
119.0	82.396	136.380	216.523	261.493	271.878
119.5	83.768	136.870	216.719	261.199	271.780
120.0	85.041	137.360	216.621	261.003	271.290
120.5	86.315	137.947	216.719	260.611	271.192
121.0	87.589	138.339	216.914	260.317	270.800
121.5	88.960	138.829	216.816	259.925	270.604
122.0	90.234	139.417	216.816	259.729	270.310
122.5	91.508	140.005	216.914	259.337	269.624
123.0	92.781	140.593	216.816	258.945	269.526
123.5	93.957	141.083	216.621	258.651	268.939
124.0	94.937	141.474	216.621	258.357	268.841
124.5	95.917	141.866	216.621	257.868	268.449
125.0	96.896	142.356	216.425	257.378	268.057
125.5	97.876	142.650	216.229	257.084	267.567
126.0	98.758	143.042	216.131	256.496	267.175
126.5	99.542	143.532	215.935	256.104	266.881
127.0	100.423	143.728	215.739	255.614	266.489
127.5	101.109	144.022	215.445	255.124	265.803
128.0	101.991	144.022	215.347	254.536	265.412
128.5	102.677	144.218	214.955	254.047	265.020
129.0	103.363	144.414	214.563	253.557	264.530
129.5	103.950	144.708	213.877	252.773	263.942
130.0	104.440	144.904	213.191	252.283	263.354
130.5	104.930	145.100	212.408	251.695	262.668
131.0	105.224	145.393	211.624	250.813	261.982
131.5	105.616	145.687	210.840	250.030	261.297
132.0	106.008	145.981	209.958	249.540	260.709
132.5	106.204	146.079	208.979	248.560	259.827
133.0	106.498	146.177	208.587	247.678	258.749
133.5	106.596	146.079	207.999	246.992	258.259
134.0	106.694	145.883	207.607	246.209	257.574
134.5	106.988	145.491	207.117	245.327	256.300
135.0	107.282	145.197	206.529	244.151	255.320
135.5	107.184	144.414	206.039	243.367	254.536
136.0	107.380	144.316	205.354	242.388	253.557
136.5	107.575	144.022	204.864	241.310	252.577
137.0	107.673	143.532	204.080	240.428	251.499
137.5	107.771	143.042	203.394	239.253	250.520
138.0	107.967	142.748	202.414	238.273	249.344
138.5	107.967	142.356	201.141	237.195	248.462

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-835-HE-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	107.869	142.062	199.671	235.921	247.090
139.5	107.869	141.670	197.907	234.550	246.111
140.0	107.869	141.181	195.948	233.276	244.739
140.5	107.869	140.887	194.184	231.709	243.269
141.0	107.869	140.691	192.225	230.043	242.094
141.5	107.869	140.299	190.266	228.573	240.918
142.0	107.771	140.103	188.404	226.712	239.644
142.5	107.673	139.809	186.445	225.046	238.175
143.0	107.575	139.515	184.583	223.479	236.705
143.5	107.575	139.123	182.428	221.813	235.334
144.0	107.575	138.633	180.566	220.539	233.766
144.5	107.869	138.241	178.705	219.070	232.394
145.0	108.261	137.849	176.647	217.796	230.827
145.5	108.947	137.360	174.786	216.523	229.259
146.0	109.829	136.968	173.022	215.151	227.790
146.5	110.711	136.576	171.552	213.681	226.124
147.0	111.592	136.086	169.887	212.212	224.458
147.5	112.376	135.890	168.613	210.742	222.793
148.0	113.258	135.498	167.242	209.077	221.029
148.5	114.042	135.400	166.164	207.509	219.266
149.0	115.021	135.400	164.988	205.941	217.698
149.5	115.707	135.694	163.911	204.276	215.739
150.0	116.491	135.890	162.833	202.708	213.681
150.5	117.177	135.988	161.657	200.945	211.526
151.0	117.667	136.282	160.090	199.181	208.979
151.5	118.157	136.380	158.424	197.320	206.627
152.0	118.744	136.576	156.856	195.360	204.276
152.5	119.332	136.772	155.387	193.303	201.728
153.0	119.724	136.870	153.819	190.951	199.671
153.5	120.214	137.164	152.154	188.502	197.320
154.0	120.606	137.066	150.684	185.759	195.360
154.5	121.096	137.164	149.410	183.113	193.401
155.0	121.292	137.360	148.137	180.076	191.931
155.5	121.684	137.458	146.863	177.235	190.363
156.0	121.978	137.458	145.981	174.198	188.992
156.5	122.468	137.458	145.100	171.161	187.228
157.0	122.663	137.653	144.218	168.417	185.563
157.5	122.957	137.653	143.630	165.772	183.701
158.0	123.349	137.556	143.336	163.029	181.938
158.5	123.447	137.556	142.944	160.775	179.880
159.0	123.937	137.262	142.650	158.620	178.117
159.5	124.329	137.066	142.160	156.562	176.157
160.0	124.819	136.870	141.670	154.897	174.198
160.5	125.407	136.772	141.279	153.329	172.336
161.0	125.799	136.478	141.181	151.664	170.475
161.5	126.386	136.380	140.985	149.998	169.103
162.0	126.876	136.184	141.279	148.627	167.927
162.5	127.366	136.184	141.474	147.157	166.556
163.0	127.954	136.086	141.572	145.589	165.380
163.5	128.444	136.086	141.768	143.924	163.911
164.0	128.640	136.086	141.964	141.866	162.539
164.5	128.934	135.890	141.768	140.299	160.775
165.0	129.228	135.890	141.474	138.731	159.012
165.5	129.522	135.792	141.181	137.653	157.150
166.0	129.816	135.694	140.985	136.478	154.309
166.5	130.109	135.694	140.691	135.498	152.937

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : 75W-8-L100-835-HE-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

167.0	130.501	135.694	140.397	134.616	151.860
167.5	130.697	135.694	139.809	133.832	150.782
168.0	130.991	135.694	139.319	133.049	149.900
168.5	131.579	135.302	138.633	132.363	148.823
169.0	131.873	135.400	138.143	131.677	147.745
169.5	132.363	135.106	137.360	130.893	146.569
170.0	132.559	135.008	136.674	129.914	145.491
170.5	132.853	134.812	135.792	128.836	144.316
171.0	133.049	134.616	134.812	127.660	142.846
171.5	133.343	134.616	133.930	126.582	141.670
172.0	133.832	134.420	133.441	125.505	139.907
172.5	134.126	134.420	132.853	124.329	137.947
173.0	134.518	134.224	132.363	123.251	134.616
173.5	135.008	134.322	132.167	122.174	129.620
174.0	135.400	134.322	132.069	121.292	123.447
174.5	135.694	134.322	131.873	120.410	116.099
175.0	136.282	134.616	131.775	119.724	107.771
175.5	136.478	134.714	131.677	119.430	99.052
176.0	136.870	134.910	131.677	119.136	93.369
176.5	136.968	135.008	131.579	119.136	89.352
177.0	137.360	135.204	131.383	118.842	85.237
177.5	137.458	135.204	131.089	118.744	84.356
178.0	137.849	135.400	130.991	118.647	84.552
178.5	138.045	135.498	131.089	118.451	84.748
179.0	138.241	135.498	130.991	118.157	84.845
179.5	138.437	135.498	130.893	118.059	84.943
180.0	124.133	124.133	124.133	124.133	124.133



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-835-HE-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1121.68	N.A.	11.70
0-30	2350.3	N.A.	24.50
0-40	3775.43	N.A.	39.40
0-60	6389.42	N.A.	66.70
0-80	7960.07	N.A.	83.10
0-90	8355.09	N.A.	87.30
10-90	8062.67	N.A.	84.20
20-40	2653.75	N.A.	27.70
20-50	4057.15	N.A.	42.40
40-70	3545.13	N.A.	37.00
60-80	1570.66	N.A.	16.40
70-80	639.51	N.A.	6.70
80-90	395.02	N.A.	4.10
90-110	461.38	N.A.	4.80
90-120	655.62	N.A.	6.80
90-130	834.38	N.A.	8.70
90-150	1095.39	N.A.	11.40
90-180	1220.17	N.A.	12.70
110-180	758.79	N.A.	7.90
0-180	9575.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	292.43
10-20	829.25
20-30	1228.62
30-40	1425.13
40-50	1403.4
50-60	1210.59
60-70	931.14
70-80	639.51
80-90	395.02
90-100	253.09
100-110	208.29
110-120	194.24
120-130	178.77
130-140	150.22
140-150	110.79
150-160	72.43
160-170	39.91
170-180	12.43

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-835-HE-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-L100-835-HE-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

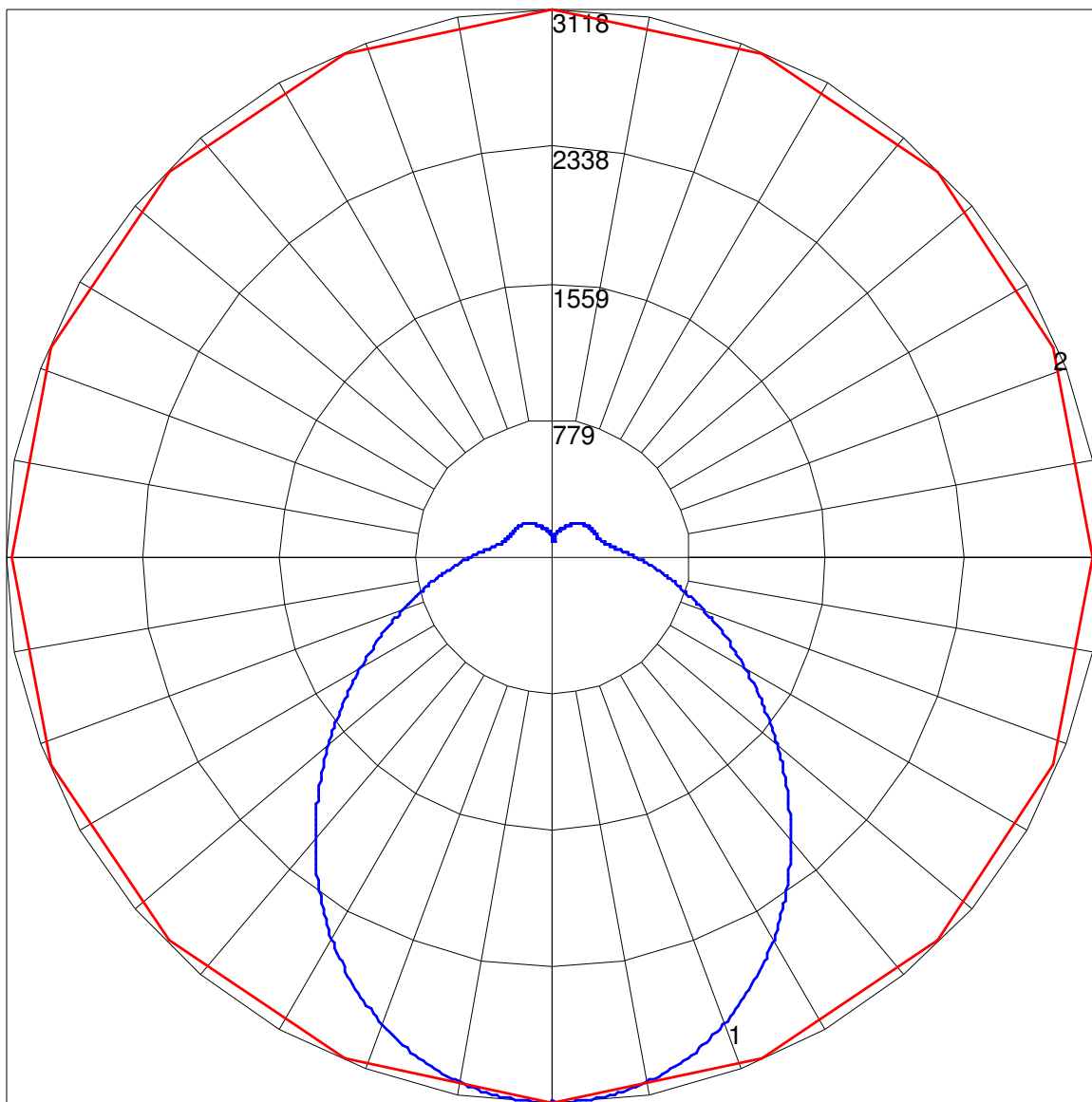
Reflectances

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	17.3	18.7	17.8	19.2	19.8	19.0	20.4	19.6	20.9	21.5
	3H	18.7	19.9	19.2	20.5	21.1	21.2	22.5	21.8	23.0	23.7
	4H	19.1	20.3	19.7	20.8	21.5	22.3	23.5	22.9	24.0	24.7
	6H	19.4	20.5	20.0	21.1	21.8	23.4	24.5	24.0	25.1	25.8
	8H	19.5	20.5	20.1	21.1	21.8	24.1	25.1	24.7	25.7	26.4
	12H	19.5	20.5	20.1	21.1	21.8	24.8	25.7	25.4	26.4	27.1
4H	2H	18.0	19.2	18.6	19.8	20.5	19.4	20.6	20.0	21.2	21.8
	3H	19.6	20.6	20.2	21.3	21.9	21.9	22.8	22.5	23.5	24.2
	4H	20.2	21.1	20.8	21.7	22.5	23.1	24.0	23.7	24.6	25.4
	6H	20.6	21.4	21.3	22.1	22.8	24.5	25.2	25.1	25.9	26.6
	8H	20.7	21.5	21.4	22.1	22.9	25.2	25.9	25.8	26.6	27.3
	12H	20.8	21.5	21.5	22.2	22.9	26.0	26.7	26.7	27.4	28.1
8H	4H	20.8	21.5	21.4	22.2	22.9	23.3	24.0	24.0	24.7	25.5
	6H	21.4	22.0	22.0	22.7	23.4	24.8	25.5	25.5	26.2	26.9
	8H	21.6	22.1	22.3	22.8	23.6	25.7	26.3	26.4	27.0	27.7
	12H	21.7	22.2	22.4	22.9	23.7	26.7	27.2	27.4	27.9	28.7
12H	4H	21.0	21.6	21.6	22.3	23.1	23.3	24.0	24.0	24.7	25.4
	6H	21.6	22.2	22.3	22.9	23.7	24.9	25.4	25.6	26.1	26.9
	8H	21.9	22.4	22.6	23.1	23.9	25.8	26.3	26.5	27.0	27.8

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 3117.533 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.)