

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-830-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-L100-830-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	9473
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
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	10478	9344	9191
55	9115	8018	8068
65	7720	6889	7191
75	6293	6050	6721
85	4942	6019	7101

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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	3065.686	3065.686	3065.686	3065.686	3065.686
0.5	3051.147	3062.778	3064.717	3063.747	3084.101
1.0	3051.147	3063.747	3063.747	3062.778	3083.132
1.5	3048.240	3063.747	3062.778	3061.809	3084.101
2.0	3047.270	3060.840	3062.778	3060.840	3081.194
2.5	3047.270	3060.840	3059.870	3059.870	3079.255
3.0	3044.363	3057.932	3057.932	3057.932	3077.317
3.5	3042.424	3055.024	3055.024	3055.993	3075.378
4.0	3040.486	3053.086	3053.086	3052.117	3073.440
4.5	3035.640	3050.178	3051.147	3050.178	3070.532
5.0	3032.732	3047.270	3047.270	3047.270	3067.624
5.5	3028.855	3043.393	3043.393	3044.363	3063.747
6.0	3026.916	3038.547	3039.516	3039.516	3059.870
6.5	3020.132	3034.670	3035.640	3035.640	3055.024
7.0	3016.255	3029.824	3030.793	3029.824	3051.147
7.5	3012.378	3024.009	3025.947	3025.947	3046.301
8.0	3007.532	3020.132	3020.132	3020.132	3039.516
8.5	3002.686	3013.347	3015.286	3015.286	3033.701
9.0	2994.932	3008.501	3009.470	3008.501	3026.916
9.5	2990.086	3001.716	3001.716	3001.716	3023.040
10.0	2982.332	2993.963	2993.963	2995.901	3015.286
10.5	2975.547	2987.178	2988.147	2988.147	3008.501
11.0	2968.762	2980.393	2981.362	2980.393	3000.747
11.5	2960.039	2972.639	2974.578	2972.639	2993.963
12.0	2952.285	2963.916	2965.855	2965.855	2985.239
12.5	2944.532	2955.193	2958.101	2956.162	2977.486
13.0	2935.808	2947.439	2949.378	2948.409	2968.762
13.5	2927.085	2937.747	2939.685	2939.685	2961.009
14.0	2916.424	2928.055	2929.993	2929.993	2950.347
14.5	2907.701	2918.362	2920.301	2920.301	2942.593
15.0	2898.978	2908.670	2909.639	2909.639	2930.962
15.5	2888.316	2897.039	2899.947	2899.947	2919.332
16.0	2876.685	2886.378	2889.285	2889.285	2909.639
16.5	2866.993	2874.747	2877.654	2878.624	2898.978
17.0	2853.424	2862.147	2866.024	2866.993	2887.347
17.5	2841.793	2850.516	2854.393	2855.362	2875.716
18.0	2831.131	2838.885	2841.793	2844.701	2865.054
18.5	2818.531	2827.254	2830.162	2832.100	2852.454
19.0	2805.931	2812.716	2817.562	2819.500	2838.885
19.5	2791.393	2801.085	2804.962	2808.839	2826.285
20.0	2775.885	2786.547	2791.393	2794.300	2812.716
20.5	2760.377	2773.946	2777.823	2781.700	2800.116
21.0	2747.777	2758.439	2761.346	2769.100	2786.547
21.5	2733.239	2743.900	2748.746	2752.623	2772.008
22.0	2717.731	2730.331	2735.177	2739.054	2759.408
22.5	2704.162	2712.885	2719.669	2725.485	2744.869
23.0	2687.685	2697.377	2704.162	2709.977	2729.362
23.5	2670.238	2680.900	2689.623	2695.439	2714.823
24.0	2652.792	2664.423	2673.146	2679.931	2699.315
24.5	2638.254	2647.946	2657.638	2663.454	2681.869
25.0	2621.777	2631.469	2642.131	2647.946	2666.362
25.5	2603.361	2614.992	2623.715	2632.438	2647.946
26.0	2585.915	2596.577	2608.208	2615.961	2633.408
26.5	2567.500	2578.161	2591.731	2598.515	2616.931

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**CANDELA TABULATION - (Cont.)**

27.0	2549.084	2558.777	2575.254	2583.977	2600.454
27.5	2527.761	2540.361	2556.838	2564.592	2583.977
28.0	2512.253	2521.946	2538.423	2547.146	2565.561
28.5	2491.900	2503.530	2520.007	2528.730	2547.146
29.0	2472.515	2484.146	2500.623	2511.284	2529.700
29.5	2452.161	2463.792	2481.238	2491.900	2510.315
30.0	2431.807	2444.407	2461.853	2475.423	2493.838
30.5	2410.484	2423.084	2443.438	2457.007	2474.453
31.0	2390.130	2402.730	2423.084	2437.622	2454.099
31.5	2368.807	2383.345	2403.699	2419.207	2436.653
32.0	2348.453	2361.053	2384.315	2398.853	2416.299
32.5	2326.161	2339.730	2363.961	2379.468	2396.915
33.0	2304.837	2319.376	2341.668	2360.084	2377.530
33.5	2284.484	2298.053	2322.284	2338.761	2357.176
34.0	2260.253	2275.760	2300.961	2319.376	2338.761
34.5	2237.960	2254.437	2280.607	2298.053	2317.437
35.0	2217.606	2231.176	2260.253	2278.668	2297.084
35.5	2191.437	2209.853	2237.960	2257.345	2275.760
36.0	2171.083	2186.591	2216.637	2236.022	2255.407
36.5	2145.883	2163.329	2194.345	2215.668	2236.022
37.0	2122.622	2141.037	2172.052	2193.376	2215.668
37.5	2098.391	2116.806	2150.729	2173.991	2193.376
38.0	2074.160	2093.545	2127.468	2151.699	2170.114
38.5	2048.960	2069.314	2105.175	2131.345	2148.791
39.0	2026.667	2045.083	2081.914	2109.052	2131.345
39.5	2001.467	2022.790	2059.621	2086.760	2108.083
40.0	1974.329	1997.590	2036.360	2066.406	2085.791
40.5	1949.129	1973.360	2014.067	2045.083	2064.468
41.0	1925.867	1949.129	1990.806	2022.790	2042.175
41.5	1900.667	1924.898	1967.544	2000.498	2020.852
42.0	1875.467	1900.667	1944.283	1979.175	1999.529
42.5	1851.236	1875.467	1920.052	1956.883	1977.236
43.0	1824.098	1851.236	1897.759	1935.559	1955.913
43.5	1800.836	1826.036	1873.528	1913.267	1934.590
44.0	1774.667	1800.836	1849.298	1891.944	1912.298
44.5	1750.436	1776.605	1825.067	1868.682	1890.005
45.0	1725.236	1751.405	1801.805	1848.328	1869.652
45.5	1700.036	1727.174	1778.544	1827.005	1848.328
46.0	1674.836	1701.974	1753.344	1803.744	1826.036
46.5	1649.636	1676.774	1732.020	1784.359	1804.713
47.0	1623.466	1652.543	1707.790	1761.097	1783.390
47.5	1598.266	1627.343	1683.559	1738.805	1761.097
48.0	1574.035	1602.143	1659.328	1718.451	1738.805
48.5	1546.897	1577.912	1637.036	1695.190	1717.482
49.0	1522.666	1551.743	1611.835	1672.897	1695.190
49.5	1497.466	1527.512	1588.574	1651.574	1673.866
50.0	1471.297	1502.312	1565.312	1628.312	1651.574
50.5	1447.066	1478.081	1541.081	1608.928	1631.220
51.0	1421.866	1452.881	1519.758	1586.635	1609.897
51.5	1397.635	1427.681	1495.527	1565.312	1588.574
52.0	1371.466	1403.450	1472.266	1543.020	1567.251
52.5	1346.265	1378.250	1449.973	1520.727	1546.897
53.0	1320.096	1354.019	1426.712	1501.343	1524.604
53.5	1294.896	1329.788	1404.419	1479.050	1504.251
54.0	1270.665	1305.558	1382.127	1457.727	1483.897
54.5	1247.404	1280.358	1359.835	1438.343	1463.543

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**CANDELA TABULATION - (Cont.)**

55.0	1223.173	1257.096	1337.542	1416.050	1445.127
55.5	1202.819	1232.865	1315.250	1395.696	1422.835
56.0	1179.557	1211.542	1293.927	1375.342	1402.481
56.5	1155.326	1189.250	1271.634	1354.989	1383.096
57.0	1132.065	1166.957	1250.311	1334.635	1362.742
57.5	1107.834	1143.696	1231.896	1315.250	1340.450
58.0	1083.603	1120.434	1210.573	1293.927	1323.973
58.5	1060.342	1097.172	1189.250	1275.511	1304.588
59.0	1037.080	1073.911	1168.896	1259.034	1284.234
59.5	1013.818	1051.618	1150.480	1238.681	1268.727
60.0	990.557	1028.357	1130.126	1219.296	1249.342
60.5	967.780	1006.064	1109.772	1200.880	1229.957
61.0	944.906	983.772	1089.419	1182.465	1211.542
61.5	922.226	961.674	1069.065	1164.050	1194.096
62.0	899.933	939.769	1049.680	1146.603	1175.680
62.5	877.932	918.058	1029.326	1129.157	1158.234
63.0	855.639	896.444	1009.941	1110.742	1142.726
63.5	833.541	875.121	991.526	1093.295	1125.280
64.0	812.024	854.089	972.141	1074.880	1107.834
64.5	790.604	833.541	953.726	1057.434	1090.388
65.0	769.378	812.896	935.213	1039.988	1073.911
65.5	748.442	792.736	916.895	1022.541	1056.465
66.0	727.216	772.576	898.770	1005.095	1039.988
66.5	706.474	752.901	880.743	988.618	1023.511
67.0	686.217	733.419	862.812	971.172	1007.034
67.5	665.863	714.228	845.269	954.889	990.557
68.0	645.800	695.522	827.822	938.412	975.049
68.5	626.028	676.913	810.764	922.420	958.863
69.0	606.353	658.497	793.899	906.330	943.549
69.5	586.968	640.470	777.228	890.726	928.332
70.0	567.680	622.733	760.848	875.412	913.212
70.5	548.877	605.189	744.468	860.098	898.286
71.0	530.268	587.840	728.379	844.978	883.553
71.5	511.852	570.879	712.677	830.245	869.015
72.0	493.825	553.820	696.976	815.610	854.864
72.5	475.700	537.343	681.662	801.265	840.810
73.0	458.060	520.963	666.445	787.115	826.659
73.5	440.904	504.777	651.713	773.061	812.896
74.0	423.943	489.075	636.786	759.491	799.036
74.5	407.272	473.277	622.539	746.019	785.952
75.0	390.698	457.866	608.388	732.838	773.255
75.5	374.415	442.843	594.431	719.753	760.364
76.0	358.616	428.110	580.862	706.765	747.764
76.5	342.915	413.572	567.389	694.068	735.164
77.0	327.407	399.130	554.111	681.468	722.951
77.5	312.190	385.076	541.026	669.256	710.836
78.0	297.167	371.313	528.329	657.237	698.914
78.5	282.435	357.744	515.729	645.122	687.090
79.0	267.993	344.563	503.517	633.394	675.459
79.5	253.648	331.478	491.498	621.957	663.828
80.0	239.498	318.587	479.480	610.617	652.779
80.5	225.734	306.084	467.849	599.180	641.536
81.0	212.359	293.775	456.703	588.131	630.583
81.5	198.790	281.756	445.557	577.179	619.631
82.0	185.705	270.028	434.701	566.614	609.066
82.5	172.911	258.495	424.040	556.049	598.696

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**CANDELA TABULATION - (Cont.)**

83.0	160.311	247.251	413.572	545.872	588.616
83.5	147.808	236.299	403.589	535.502	578.148
84.0	135.596	225.638	393.897	525.712	568.165
84.5	123.480	215.364	384.398	516.020	558.375
85.0	111.850	205.381	375.093	506.425	548.586
85.5	100.219	195.882	365.983	497.120	539.088
86.0	88.782	186.771	357.066	488.009	529.686
86.5	77.442	178.242	348.633	478.898	520.285
87.0	66.296	170.004	340.104	470.272	511.077
87.5	55.149	162.347	332.059	461.549	502.257
88.0	44.100	154.884	324.112	453.117	493.340
88.5	32.954	147.905	316.455	444.781	484.714
89.0	22.777	141.314	309.186	436.737	476.184
89.5	14.442	135.208	302.110	428.983	467.849
90.0	8.626	129.780	295.616	421.617	460.192
90.5	6.106	125.031	289.607	414.250	452.051
91.0	6.494	120.670	283.501	406.787	444.297
91.5	7.754	116.502	277.395	399.712	436.543
92.0	9.208	113.013	271.579	392.540	428.983
92.5	10.758	110.008	266.636	385.658	421.520
93.0	12.309	107.391	261.499	379.164	414.347
93.5	13.957	105.356	256.653	372.767	407.563
94.0	15.702	103.611	252.098	366.758	400.972
94.5	17.349	102.351	247.833	360.652	394.187
95.0	18.997	101.382	243.859	354.643	387.693
95.5	20.548	100.703	240.176	348.924	381.296
96.0	21.808	100.413	236.978	343.399	374.996
96.5	23.068	100.413	233.779	338.263	369.181
97.0	24.231	100.510	230.871	333.319	363.366
97.5	25.491	100.897	228.158	328.570	358.035
98.0	26.557	101.285	225.734	323.918	352.607
98.5	27.817	101.770	223.699	319.459	347.567
99.0	29.077	102.351	221.567	315.292	342.624
99.5	30.434	103.030	219.725	311.318	337.778
100.0	31.597	103.708	218.271	307.635	333.416
100.5	32.954	104.483	216.818	304.049	328.958
101.0	34.117	105.259	215.751	300.656	324.984
101.5	35.280	106.034	214.685	297.458	320.913
102.0	36.346	106.810	213.910	294.453	317.327
102.5	37.412	107.585	213.134	291.642	313.741
103.0	38.479	108.457	212.553	288.832	310.542
103.5	39.642	109.330	212.068	286.409	307.247
104.0	40.902	110.105	211.584	284.179	304.242
104.5	42.162	110.977	211.293	282.047	301.432
105.0	43.325	111.850	211.002	280.109	298.718
105.5	44.391	112.625	210.711	278.073	296.392
106.0	45.651	113.594	210.614	276.328	294.065
106.5	46.814	114.466	210.614	274.681	291.739
107.0	47.977	115.436	210.614	273.130	289.801
107.5	49.043	116.211	210.614	271.967	287.765
108.0	50.400	117.180	210.614	270.610	285.730
108.5	51.660	118.150	210.711	269.641	284.373
109.0	52.920	118.925	210.905	268.381	283.016
109.5	54.277	119.797	211.002	267.508	281.562
110.0	55.634	120.670	211.196	266.539	280.399
110.5	56.991	121.542	211.390	265.667	279.333

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**CANDELA TABULATION - (Cont.)**

111.0	58.348	122.414	211.487	264.892	278.170
111.5	59.705	123.190	211.584	264.310	277.201
112.0	61.159	124.062	211.778	263.728	276.038
112.5	62.612	124.934	211.971	263.050	274.972
113.0	64.163	125.807	212.262	262.565	274.487
113.5	65.617	126.582	212.262	262.081	273.808
114.0	67.168	127.357	212.456	261.693	273.130
114.5	68.622	128.230	212.650	261.208	272.548
115.0	70.173	128.908	212.844	260.918	272.064
115.5	71.723	129.780	212.844	260.627	271.579
116.0	73.177	130.556	213.134	260.239	270.998
116.5	74.534	131.331	213.328	259.852	270.804
117.0	76.085	132.203	213.522	259.852	270.319
117.5	77.539	132.882	213.716	259.464	270.028
118.0	78.799	133.560	213.910	259.270	269.641
118.5	80.253	134.239	214.007	258.979	269.544
119.0	81.513	134.917	214.201	258.688	268.962
119.5	82.869	135.402	214.394	258.398	268.865
120.0	84.129	135.887	214.298	258.204	268.381
120.5	85.389	136.468	214.394	257.816	268.284
121.0	86.649	136.856	214.588	257.525	267.896
121.5	88.006	137.340	214.491	257.138	267.702
122.0	89.266	137.922	214.491	256.944	267.412
122.5	90.526	138.503	214.588	256.556	266.733
123.0	91.786	139.085	214.491	256.168	266.636
123.5	92.949	139.570	214.298	255.878	266.055
124.0	93.919	139.957	214.298	255.587	265.958
124.5	94.888	140.345	214.298	255.102	265.570
125.0	95.857	140.830	214.104	254.618	265.182
125.5	96.826	141.120	213.910	254.327	264.698
126.0	97.699	141.508	213.813	253.745	264.310
126.5	98.474	141.993	213.619	253.358	264.019
127.0	99.346	142.187	213.425	252.873	263.632
127.5	100.025	142.477	213.134	252.388	262.953
128.0	100.897	142.477	213.038	251.807	262.565
128.5	101.576	142.671	212.650	251.322	262.178
129.0	102.254	142.865	212.262	250.838	261.693
129.5	102.836	143.156	211.584	250.062	261.112
130.0	103.320	143.350	210.905	249.578	260.530
130.5	103.805	143.543	210.130	248.996	259.852
131.0	104.096	143.834	209.354	248.124	259.173
131.5	104.483	144.125	208.579	247.348	258.495
132.0	104.871	144.416	207.707	246.864	257.913
132.5	105.065	144.513	206.738	245.895	257.041
133.0	105.356	144.610	206.350	245.022	255.975
133.5	105.453	144.513	205.768	244.344	255.490
134.0	105.550	144.319	205.381	243.568	254.812
134.5	105.840	143.931	204.896	242.696	253.552
135.0	106.131	143.640	204.314	241.533	252.582
135.5	106.034	142.865	203.830	240.758	251.807
136.0	106.228	142.768	203.151	239.788	250.838
136.5	106.422	142.477	202.667	238.722	249.868
137.0	106.519	141.993	201.891	237.850	248.802
137.5	106.616	141.508	201.213	236.687	247.833
138.0	106.810	141.217	200.244	235.718	246.670
138.5	106.810	140.830	198.984	234.651	245.798

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	106.713	140.539	197.530	233.391	244.441
139.5	106.713	140.151	195.785	232.035	243.471
140.0	106.713	139.667	193.847	230.775	242.115
140.5	106.713	139.376	192.102	229.224	240.661
141.0	106.713	139.182	190.164	227.576	239.498
141.5	106.713	138.794	188.225	226.122	238.335
142.0	106.616	138.600	186.384	224.281	237.075
142.5	106.519	138.310	184.445	222.633	235.621
143.0	106.422	138.019	182.604	221.082	234.167
143.5	106.422	137.631	180.471	219.434	232.810
144.0	106.422	137.147	178.630	218.174	231.259
144.5	106.713	136.759	176.788	216.721	229.902
145.0	107.100	136.371	174.753	215.461	228.351
145.5	107.779	135.887	172.911	214.201	226.801
146.0	108.651	135.499	171.167	212.844	225.347
146.5	109.523	135.111	169.713	211.390	223.699
147.0	110.396	134.627	168.065	209.936	222.051
147.5	111.171	134.433	166.805	208.482	220.404
148.0	112.043	134.045	165.448	206.834	218.659
148.5	112.819	133.948	164.382	205.284	216.914
149.0	113.788	133.948	163.219	203.733	215.364
149.5	114.466	134.239	162.153	202.085	213.425
150.0	115.242	134.433	161.087	200.534	211.390
150.5	115.920	134.530	159.924	198.790	209.258
151.0	116.405	134.820	158.373	197.045	206.738
151.5	116.890	134.917	156.725	195.204	204.411
152.0	117.471	135.111	155.174	193.265	202.085
152.5	118.053	135.305	153.720	191.230	199.565
153.0	118.440	135.402	152.170	188.904	197.530
153.5	118.925	135.693	150.522	186.481	195.204
154.0	119.313	135.596	149.068	183.767	193.265
154.5	119.797	135.693	147.808	181.150	191.327
155.0	119.991	135.887	146.548	178.145	189.873
155.5	120.379	135.983	145.288	175.334	188.322
156.0	120.670	135.983	144.416	172.330	186.965
156.5	121.154	135.983	143.543	169.325	185.221
157.0	121.348	136.177	142.671	166.611	183.573
157.5	121.639	136.177	142.090	163.994	181.731
158.0	122.027	136.080	141.799	161.280	179.987
158.5	122.123	136.080	141.411	159.051	177.951
159.0	122.608	135.790	141.120	156.919	176.207
159.5	122.996	135.596	140.636	154.884	174.268
160.0	123.480	135.402	140.151	153.236	172.330
160.5	124.062	135.305	139.763	151.685	170.488
161.0	124.450	135.014	139.667	150.037	168.647
161.5	125.031	134.917	139.473	148.390	167.290
162.0	125.516	134.723	139.763	147.033	166.127
162.5	126.000	134.723	139.957	145.579	164.770
163.0	126.582	134.627	140.054	144.028	163.607
163.5	127.067	134.627	140.248	142.380	162.153
164.0	127.260	134.627	140.442	140.345	160.796
164.5	127.551	134.433	140.248	138.794	159.051
165.0	127.842	134.433	139.957	137.243	157.307
165.5	128.133	134.336	139.667	136.177	155.465
166.0	128.423	134.239	139.473	135.014	152.654
166.5	128.714	134.239	139.182	134.045	151.297

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	129.102	134.239	138.891	133.173	150.231
167.5	129.296	134.239	138.310	132.397	149.165
168.0	129.587	134.239	137.825	131.622	148.293
168.5	130.168	133.851	137.147	130.943	147.227
169.0	130.459	133.948	136.662	130.265	146.160
169.5	130.943	133.657	135.887	129.490	144.997
170.0	131.137	133.560	135.208	128.520	143.931
170.5	131.428	133.367	134.336	127.454	142.768
171.0	131.622	133.173	133.367	126.291	141.314
171.5	131.913	133.173	132.494	125.225	140.151
172.0	132.397	132.979	132.010	124.159	138.407
172.5	132.688	132.979	131.428	122.996	136.468
173.0	133.076	132.785	130.943	121.930	133.173
173.5	133.560	132.882	130.750	120.863	128.230
174.0	133.948	132.882	130.653	119.991	122.123
174.5	134.239	132.882	130.459	119.119	114.854
175.0	134.820	133.173	130.362	118.440	106.616
175.5	135.014	133.270	130.265	118.150	97.990
176.0	135.402	133.463	130.265	117.859	92.368
176.5	135.499	133.560	130.168	117.859	88.394
177.0	135.887	133.754	129.974	117.568	84.323
177.5	135.983	133.754	129.683	117.471	83.451
178.0	136.371	133.948	129.587	117.374	83.645
178.5	136.565	134.045	129.683	117.180	83.839
179.0	136.759	134.045	129.587	116.890	83.936
179.5	136.953	134.045	129.490	116.793	84.033
180.0	122.802	122.802	122.802	122.802	122.802



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-830-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1109.65	N.A.	11.70
0-30	2325.09	N.A.	24.50
0-40	3734.94	N.A.	39.40
0-60	6320.9	N.A.	66.70
0-80	7874.71	N.A.	83.10
0-90	8265.49	N.A.	87.30
10-90	7976.2	N.A.	84.20
20-40	2625.29	N.A.	27.70
20-50	4013.64	N.A.	42.40
40-70	3507.12	N.A.	37.00
60-80	1553.81	N.A.	16.40
70-80	632.66	N.A.	6.70
80-90	390.78	N.A.	4.10
90-110	456.43	N.A.	4.80
90-120	648.59	N.A.	6.80
90-130	825.44	N.A.	8.70
90-150	1083.65	N.A.	11.40
90-180	1207.08	N.A.	12.70
110-180	750.65	N.A.	7.90
0-180	9472.58	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	289.29
10-20	820.36
20-30	1215.44
30-40	1409.85
40-50	1388.35
50-60	1197.61
60-70	921.16
70-80	632.66
80-90	390.78
90-100	250.38
100-110	206.06
110-120	192.15
120-130	176.85
130-140	148.61
140-150	109.60
150-160	71.66
160-170	39.48
170-180	12.30

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L100-830-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-L100-830-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

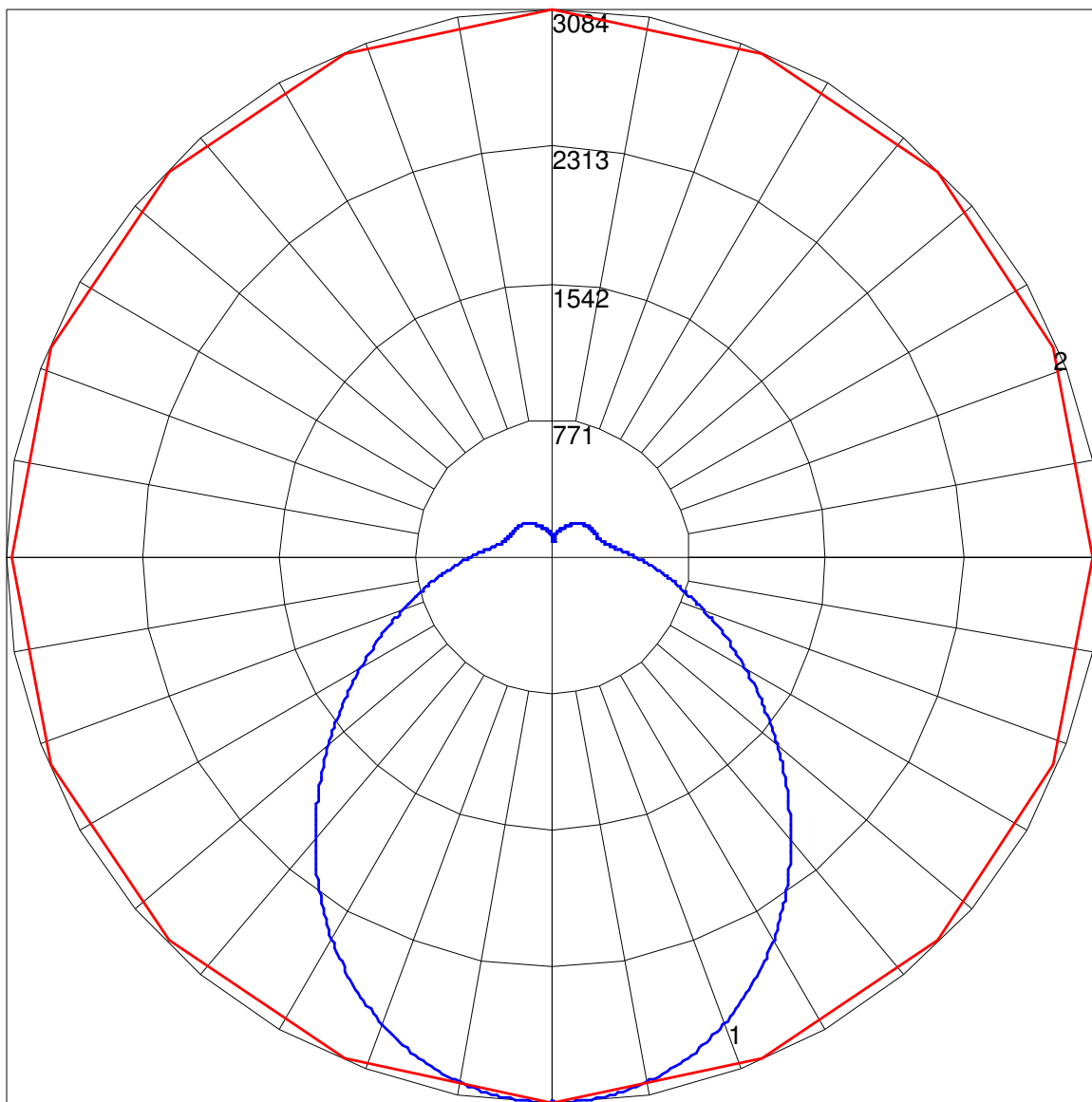
Reflectances

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	17.2	18.6	17.7	19.1	19.7	18.9	20.3	19.5	20.8	21.4
	3H	18.6	19.8	19.1	20.4	21.0	21.1	22.4	21.7	22.9	23.6
	4H	19.0	20.2	19.6	20.7	21.4	22.2	23.4	22.8	23.9	24.6
	6H	19.3	20.4	19.9	21.0	21.7	23.3	24.4	23.9	25.0	25.7
	8H	19.4	20.4	20.0	21.0	21.7	24.0	25.0	24.6	25.6	26.3
	12H	19.4	20.4	20.0	21.0	21.7	24.7	25.6	25.3	26.3	27.0
4H	2H	17.9	19.1	18.5	19.7	20.4	19.3	20.5	19.9	21.1	21.7
	3H	19.5	20.5	20.1	21.2	21.8	21.8	22.7	22.4	23.4	24.1
	4H	20.1	21.0	20.7	21.6	22.4	23.0	23.9	23.6	24.5	25.3
	6H	20.5	21.3	21.2	22.0	22.7	24.4	25.1	25.0	25.8	26.5
	8H	20.6	21.4	21.3	22.0	22.8	25.1	25.8	25.7	26.5	27.2
	12H	20.7	21.4	21.4	22.1	22.8	25.9	26.6	26.6	27.3	28.0
8H	4H	20.7	21.4	21.3	22.1	22.8	23.2	23.9	23.9	24.6	25.4
	6H	21.3	21.9	21.9	22.6	23.3	24.7	25.4	25.4	26.1	26.8
	8H	21.5	22.0	22.2	22.7	23.5	25.6	26.2	26.3	26.9	27.6
	12H	21.6	22.1	22.3	22.8	23.6	26.6	27.1	27.3	27.8	28.6
12H	4H	20.9	21.5	21.5	22.2	23.0	23.2	23.9	23.9	24.6	25.3
	6H	21.5	22.1	22.2	22.8	23.6	24.8	25.3	25.5	26.0	26.8
	8H	21.8	22.3	22.5	23.0	23.8	25.7	26.2	26.4	26.9	27.7

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 3084.101 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.)