

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-830-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-L100-830-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	9480
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	175
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	10485	9351	9197
55	9122	8023	8074
65	7726	6894	7196
75	6297	6054	6726
85	4946	6024	7106

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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	3067.929	3067.929	3067.929	3067.929	3067.929
0.5	3053.380	3065.019	3066.959	3065.989	3086.358
1.0	3053.380	3065.989	3065.989	3065.019	3085.388
1.5	3050.470	3065.989	3065.019	3064.049	3086.358
2.0	3049.500	3063.079	3065.019	3063.079	3083.448
2.5	3049.500	3063.079	3062.109	3062.109	3081.508
3.0	3046.590	3060.169	3060.169	3060.169	3079.568
3.5	3044.650	3057.259	3057.259	3058.229	3077.628
4.0	3042.710	3055.319	3055.319	3054.350	3075.688
4.5	3037.861	3052.410	3053.380	3052.410	3072.778
5.0	3034.951	3049.500	3049.500	3049.500	3069.869
5.5	3031.071	3045.620	3045.620	3046.590	3065.989
6.0	3029.131	3040.770	3041.740	3041.740	3062.109
6.5	3022.341	3036.891	3037.861	3037.861	3057.259
7.0	3018.462	3032.041	3033.011	3032.041	3053.380
7.5	3014.582	3026.221	3028.161	3028.161	3048.530
8.0	3009.732	3022.341	3022.341	3022.341	3041.740
8.5	3004.882	3015.552	3017.492	3017.492	3035.921
9.0	2997.123	3010.702	3011.672	3010.702	3029.131
9.5	2992.273	3003.913	3003.913	3003.913	3025.251
10.0	2984.514	2996.153	2996.153	2998.093	3017.492
10.5	2977.724	2989.363	2990.333	2990.333	3010.702
11.0	2970.934	2982.574	2983.544	2982.574	3002.943
11.5	2962.205	2974.814	2976.754	2974.814	2996.153
12.0	2954.445	2966.085	2968.025	2968.025	2987.423
12.5	2946.686	2957.355	2960.265	2958.325	2979.664
13.0	2937.956	2949.596	2951.536	2950.566	2970.934
13.5	2929.227	2939.896	2941.836	2941.836	2963.175
14.0	2918.558	2930.197	2932.137	2932.137	2952.506
14.5	2909.828	2920.497	2922.437	2922.437	2944.746
15.0	2901.099	2910.798	2911.768	2911.768	2933.107
15.5	2890.429	2899.159	2902.069	2902.069	2921.467
16.0	2878.790	2888.489	2891.399	2891.399	2911.768
16.5	2869.090	2876.850	2879.760	2880.730	2901.099
17.0	2855.511	2864.241	2868.121	2869.090	2889.459
17.5	2843.872	2852.601	2856.481	2857.451	2877.820
18.0	2833.203	2840.962	2843.872	2846.782	2867.151
18.5	2820.593	2829.323	2832.233	2834.173	2854.541
19.0	2807.984	2814.774	2819.623	2821.563	2840.962
19.5	2793.435	2803.134	2807.014	2810.894	2828.353
20.0	2777.916	2788.585	2793.435	2796.345	2814.774
20.5	2762.397	2775.976	2779.856	2783.736	2802.164
21.0	2749.788	2760.457	2763.367	2771.126	2788.585
21.5	2735.238	2745.908	2750.757	2754.637	2774.036
22.0	2719.719	2732.329	2737.178	2741.058	2761.427
22.5	2706.140	2714.870	2721.659	2727.479	2746.878
23.0	2689.651	2699.351	2706.140	2711.960	2731.359
23.5	2672.192	2682.861	2691.591	2697.411	2716.809
24.0	2654.733	2666.372	2675.102	2681.892	2701.290
24.5	2640.184	2649.883	2659.583	2665.403	2683.831
25.0	2623.695	2633.394	2644.064	2649.883	2668.312
25.5	2605.266	2616.905	2625.635	2634.364	2649.883
26.0	2587.807	2598.476	2610.116	2617.875	2635.334
26.5	2569.378	2580.048	2593.627	2600.416	2618.845

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CANDELA TABULATION - (Cont.)

27.0	2550.949	2560.649	2577.138	2585.867	2602.356
27.5	2529.611	2542.220	2558.709	2566.468	2585.867
28.0	2514.091	2523.791	2540.280	2549.009	2567.438
28.5	2493.723	2505.362	2521.851	2530.580	2549.009
29.0	2474.324	2485.963	2502.452	2513.122	2531.550
29.5	2453.955	2465.594	2483.053	2493.723	2512.152
30.0	2433.586	2446.195	2463.654	2477.234	2495.663
30.5	2412.247	2424.857	2445.226	2458.805	2476.264
31.0	2391.879	2404.488	2424.857	2439.406	2455.895
31.5	2370.540	2385.089	2405.458	2420.977	2438.436
32.0	2350.171	2362.780	2386.059	2400.608	2418.067
32.5	2327.862	2341.442	2365.690	2381.209	2398.668
33.0	2306.524	2321.073	2343.382	2361.810	2379.269
33.5	2286.155	2299.734	2323.983	2340.472	2358.901
34.0	2261.906	2277.425	2302.644	2321.073	2340.472
34.5	2239.598	2256.087	2282.275	2299.734	2319.133
35.0	2219.229	2232.808	2261.906	2280.335	2298.764
35.5	2193.040	2211.469	2239.598	2258.997	2277.425
36.0	2172.672	2188.191	2218.259	2237.658	2257.057
36.5	2147.453	2164.912	2195.950	2217.289	2237.658
37.0	2124.174	2142.603	2173.642	2194.980	2217.289
37.5	2099.926	2118.355	2152.303	2175.581	2194.980
38.0	2075.677	2095.076	2129.024	2153.273	2171.702
38.5	2050.459	2070.828	2106.716	2132.904	2150.363
39.0	2028.150	2046.579	2083.437	2110.595	2132.904
39.5	2002.932	2024.270	2061.128	2088.287	2109.625
40.0	1975.773	1999.052	2037.850	2067.918	2087.317
40.5	1950.555	1974.803	2015.541	2046.579	2065.978
41.0	1927.276	1950.555	1992.262	2024.270	2043.669
41.5	1902.058	1926.306	1968.984	2001.962	2022.331
42.0	1876.839	1902.058	1945.705	1980.623	2000.992
42.5	1852.591	1876.839	1921.456	1958.314	1978.683
43.0	1825.432	1852.591	1899.148	1936.976	1957.344
43.5	1802.154	1827.372	1874.899	1914.667	1936.006
44.0	1775.965	1802.154	1850.651	1893.328	1913.697
44.5	1751.716	1777.905	1826.402	1870.050	1891.388
45.0	1726.498	1752.686	1803.123	1849.681	1871.019
45.5	1701.279	1728.438	1779.845	1828.342	1849.681
46.0	1676.061	1703.219	1754.626	1805.063	1827.372
46.5	1650.842	1678.001	1733.288	1785.664	1806.033
47.0	1624.654	1653.752	1709.039	1762.386	1784.695
47.5	1599.435	1628.534	1684.790	1740.077	1762.386
48.0	1575.187	1603.315	1660.542	1719.708	1740.077
48.5	1548.029	1579.067	1638.233	1696.430	1718.738
49.0	1523.780	1552.878	1613.015	1674.121	1696.430
49.5	1498.561	1528.630	1589.736	1652.782	1675.091
50.0	1472.373	1503.411	1566.457	1629.504	1652.782
50.5	1448.124	1479.163	1542.209	1610.105	1632.414
51.0	1422.906	1453.944	1520.870	1587.796	1611.075
51.5	1398.657	1428.726	1496.622	1566.457	1589.736
52.0	1372.469	1404.477	1473.343	1544.149	1568.397
52.5	1347.250	1379.259	1451.034	1521.840	1548.029
53.0	1321.062	1355.010	1427.756	1502.441	1525.720
53.5	1295.843	1330.761	1405.447	1480.133	1505.351
54.0	1271.595	1306.513	1383.138	1458.794	1484.982
54.5	1248.316	1281.294	1360.830	1439.395	1464.613

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55.0	1224.068	1258.016	1338.521	1417.086	1446.185
55.5	1203.699	1233.767	1316.212	1396.717	1423.876
56.0	1180.420	1212.428	1294.873	1376.349	1403.507
56.5	1156.172	1190.120	1272.565	1355.980	1384.108
57.0	1132.893	1167.811	1251.226	1335.611	1363.739
57.5	1108.644	1144.532	1232.797	1316.212	1341.431
58.0	1084.396	1121.254	1211.458	1294.873	1324.942
58.5	1061.117	1097.975	1190.120	1276.445	1305.543
59.0	1037.839	1074.696	1169.751	1259.956	1285.174
59.5	1014.560	1052.388	1151.322	1239.587	1269.655
60.0	991.281	1029.109	1130.953	1220.188	1250.256
60.5	968.488	1006.801	1110.584	1201.759	1230.857
61.0	945.597	984.492	1090.216	1183.330	1212.428
61.5	922.900	962.377	1069.847	1164.901	1194.969
62.0	900.592	940.456	1050.448	1147.442	1176.540
62.5	878.574	918.730	1030.079	1129.983	1159.082
63.0	856.265	897.100	1010.680	1111.554	1143.562
63.5	834.151	875.761	992.251	1094.095	1126.103
64.0	812.618	854.713	972.853	1075.666	1108.644
64.5	791.182	834.151	954.424	1058.207	1091.186
65.0	769.941	813.491	935.898	1040.749	1074.696
65.5	748.990	793.316	917.566	1023.290	1057.238
66.0	727.748	773.141	899.428	1005.831	1040.749
66.5	706.991	753.451	881.387	989.342	1024.259
67.0	686.719	733.956	863.443	971.883	1007.770
67.5	666.351	714.751	845.887	955.588	991.281
68.0	646.273	696.031	828.428	939.099	975.762
68.5	626.486	677.408	811.357	923.094	959.564
69.0	606.796	658.979	794.480	906.993	944.239
69.5	587.397	640.938	777.797	891.377	929.011
70.0	568.095	623.188	761.405	876.052	913.880
70.5	549.279	605.632	745.013	860.727	898.943
71.0	530.656	588.270	728.912	845.596	884.200
71.5	512.227	571.296	713.199	830.853	869.651
72.0	494.186	554.225	697.486	816.207	855.489
72.5	476.048	537.736	682.161	801.852	841.425
73.0	458.395	521.344	666.933	787.690	827.264
73.5	441.227	505.146	652.189	773.626	813.491
74.0	424.253	489.433	637.252	760.047	799.621
74.5	407.570	473.623	622.994	746.565	786.527
75.0	390.984	458.201	608.833	733.374	773.820
75.5	374.689	443.167	594.866	720.279	760.920
76.0	358.879	428.424	581.287	707.282	748.311
76.5	343.166	413.875	567.804	694.576	735.702
77.0	327.647	399.422	554.516	681.967	723.480
77.5	312.419	385.358	541.422	669.745	711.356
78.0	297.384	371.585	528.716	657.718	699.426
78.5	282.641	358.006	516.107	645.594	687.592
79.0	268.189	344.815	503.885	633.858	675.953
79.5	253.834	331.720	491.858	622.412	664.314
80.0	239.673	318.820	479.831	611.064	653.256
80.5	225.900	306.308	468.191	599.619	642.005
81.0	212.514	293.990	457.037	588.561	631.045
81.5	198.935	281.962	445.883	577.601	620.084
82.0	185.841	270.226	435.019	567.028	609.512
82.5	173.038	258.684	424.350	556.456	599.134

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83.0	160.429	247.432	413.875	546.272	589.046
83.5	147.916	236.472	403.884	535.893	578.571
84.0	135.695	225.803	394.185	526.097	568.580
84.5	123.571	215.521	384.679	516.397	558.784
85.0	111.931	205.531	375.368	506.795	548.988
85.5	100.292	196.025	366.250	497.484	539.482
86.0	88.847	186.908	357.327	488.366	530.074
86.5	77.498	178.372	348.888	479.249	520.665
87.0	66.344	170.128	340.353	470.616	511.451
87.5	55.190	162.465	332.302	461.887	502.624
88.0	44.132	154.997	324.349	453.448	493.701
88.5	32.978	148.013	316.686	445.107	485.068
89.0	22.794	141.418	309.412	437.056	476.533
89.5	14.452	135.307	302.331	429.297	468.191
90.0	8.632	129.875	295.833	421.925	460.529
90.5	6.111	125.123	289.819	414.554	452.381
91.0	6.499	120.758	283.708	407.085	444.622
91.5	7.760	116.587	277.598	400.004	436.862
92.0	9.214	113.095	271.778	392.827	429.297
92.5	10.766	110.088	266.831	385.940	421.828
93.0	12.318	107.470	261.691	379.442	414.650
93.5	13.967	105.433	256.841	373.040	407.861
94.0	15.713	103.687	252.282	367.026	401.265
94.5	17.362	102.426	248.014	360.916	394.476
95.0	19.011	101.456	244.038	354.902	387.977
95.5	20.563	100.777	240.352	349.179	381.575
96.0	21.824	100.486	237.151	343.651	375.271
96.5	23.085	100.486	233.950	338.510	369.451
97.0	24.249	100.583	231.040	333.563	363.632
97.5	25.509	100.971	228.325	328.811	358.297
98.0	26.576	101.359	225.900	324.155	352.865
98.5	27.837	101.844	223.863	319.693	347.821
99.0	29.098	102.426	221.729	315.522	342.875
99.5	30.456	103.105	219.886	311.546	338.025
100.0	31.620	103.784	218.431	307.860	333.660
100.5	32.978	104.560	216.976	304.271	329.199
101.0	34.142	105.336	215.909	300.876	325.222
101.5	35.306	106.112	214.842	297.675	321.148
102.0	36.373	106.888	214.066	294.669	317.559
102.5	37.440	107.664	213.290	291.856	313.970
103.0	38.507	108.537	212.708	289.043	310.770
103.5	39.671	109.410	212.223	286.618	307.472
104.0	40.932	110.185	211.738	284.387	304.465
104.5	42.193	111.058	211.448	282.253	301.652
105.0	43.356	111.931	211.157	280.313	298.936
105.5	44.423	112.707	210.866	278.277	296.608
106.0	45.684	113.677	210.769	276.531	294.281
106.5	46.848	114.550	210.769	274.882	291.953
107.0	48.012	115.520	210.769	273.330	290.013
107.5	49.079	116.296	210.769	272.166	287.976
108.0	50.437	117.266	210.769	270.808	285.939
108.5	51.698	118.236	210.866	269.838	284.581
109.0	52.959	119.012	211.060	268.577	283.223
109.5	54.317	119.885	211.157	267.704	281.768
110.0	55.675	120.758	211.351	266.734	280.604
110.5	57.033	121.631	211.545	265.861	279.537

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CANDELA TABULATION - (Cont.)

111.0	58.391	122.504	211.641	265.085	278.374
111.5	59.748	123.280	211.738	264.503	277.404
112.0	61.203	124.153	211.932	263.921	276.240
112.5	62.658	125.026	212.126	263.242	275.173
113.0	64.210	125.899	212.417	262.757	274.688
113.5	65.665	126.675	212.417	262.273	274.009
114.0	67.217	127.450	212.611	261.885	273.330
114.5	68.672	128.323	212.805	261.400	272.748
115.0	70.224	129.002	212.999	261.109	272.263
115.5	71.776	129.875	212.999	260.818	271.778
116.0	73.231	130.651	213.290	260.430	271.196
116.5	74.589	131.427	213.484	260.042	271.002
117.0	76.141	132.300	213.678	260.042	270.517
117.5	77.595	132.979	213.872	259.654	270.226
118.0	78.856	133.658	214.066	259.460	269.838
118.5	80.311	134.337	214.163	259.169	269.741
119.0	81.572	135.016	214.357	258.878	269.159
119.5	82.930	135.501	214.551	258.587	269.062
120.0	84.191	135.986	214.454	258.393	268.577
120.5	85.452	136.568	214.551	258.005	268.480
121.0	86.713	136.956	214.745	257.714	268.092
121.5	88.071	137.441	214.648	257.326	267.898
122.0	89.332	138.023	214.648	257.132	267.607
122.5	90.593	138.605	214.745	256.744	266.928
123.0	91.854	139.187	214.648	256.356	266.831
123.5	93.018	139.672	214.454	256.065	266.249
124.0	93.987	140.060	214.454	255.774	266.152
124.5	94.957	140.448	214.454	255.289	265.764
125.0	95.927	140.933	214.260	254.804	265.376
125.5	96.897	141.224	214.066	254.513	264.891
126.0	97.770	141.612	213.969	253.931	264.503
126.5	98.546	142.097	213.775	253.543	264.212
127.0	99.419	142.291	213.581	253.058	263.824
127.5	100.098	142.582	213.290	252.573	263.145
128.0	100.971	142.582	213.193	251.991	262.757
128.5	101.650	142.776	212.805	251.506	262.369
129.0	102.329	142.970	212.417	251.021	261.885
129.5	102.911	143.261	211.738	250.245	261.303
130.0	103.396	143.455	211.060	249.760	260.721
130.5	103.881	143.649	210.284	249.178	260.042
131.0	104.172	143.939	209.508	248.305	259.363
131.5	104.560	144.230	208.732	247.529	258.684
132.0	104.948	144.521	207.859	247.044	258.102
132.5	105.142	144.618	206.889	246.074	257.229
133.0	105.433	144.715	206.501	245.202	256.162
133.5	105.530	144.618	205.919	244.523	255.677
134.0	105.627	144.424	205.531	243.747	254.998
134.5	105.918	144.036	205.046	242.874	253.737
135.0	106.209	143.746	204.464	241.710	252.767
135.5	106.112	142.970	203.979	240.934	251.991
136.0	106.306	142.873	203.300	239.964	251.021
136.5	106.500	142.582	202.815	238.897	250.051
137.0	106.597	142.097	202.039	238.024	248.984
137.5	106.694	141.612	201.360	236.860	248.014
138.0	106.888	141.321	200.390	235.890	246.850
138.5	106.888	140.933	199.129	234.823	245.977

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	106.791	140.642	197.674	233.562	244.620
139.5	106.791	140.254	195.928	232.204	243.650
140.0	106.791	139.769	193.989	230.943	242.292
140.5	106.791	139.478	192.243	229.391	240.837
141.0	106.791	139.284	190.303	227.743	239.673
141.5	106.791	138.896	188.363	226.288	238.509
142.0	106.694	138.702	186.520	224.445	237.248
142.5	106.597	138.411	184.580	222.796	235.793
143.0	106.500	138.120	182.737	221.244	234.338
143.5	106.500	137.732	180.603	219.595	232.980
144.0	106.500	137.247	178.760	218.334	231.428
144.5	106.791	136.859	176.918	216.879	230.070
145.0	107.179	136.471	174.881	215.618	228.518
145.5	107.858	135.986	173.038	214.357	226.967
146.0	108.731	135.598	171.292	212.999	225.512
146.5	109.604	135.210	169.837	211.545	223.863
147.0	110.476	134.725	168.188	210.090	222.214
147.5	111.252	134.531	166.927	208.635	220.565
148.0	112.125	134.143	165.569	206.986	218.819
148.5	112.901	134.046	164.502	205.434	217.073
149.0	113.871	134.046	163.338	203.882	215.521
149.5	114.550	134.337	162.271	202.233	213.581
150.0	115.326	134.531	161.204	200.681	211.545
150.5	116.005	134.628	160.041	198.935	209.411
151.0	116.490	134.919	158.489	197.189	206.889
151.5	116.975	135.016	156.840	195.346	204.561
152.0	117.557	135.210	155.288	193.407	202.233
152.5	118.139	135.404	153.833	191.370	199.711
153.0	118.527	135.501	152.281	189.042	197.674
153.5	119.012	135.792	150.632	186.617	195.346
154.0	119.400	135.695	149.177	183.901	193.407
154.5	119.885	135.792	147.916	181.282	191.467
155.0	120.079	135.986	146.655	178.275	190.012
155.5	120.467	136.083	145.394	175.463	188.460
156.0	120.758	136.083	144.521	172.456	187.102
156.5	121.243	136.083	143.649	169.449	185.356
157.0	121.437	136.277	142.776	166.733	183.707
157.5	121.728	136.277	142.194	164.114	181.864
158.0	122.116	136.180	141.903	161.398	180.118
158.5	122.213	136.180	141.515	159.168	178.081
159.0	122.698	135.889	141.224	157.034	176.336
159.5	123.086	135.695	140.739	154.997	174.396
160.0	123.571	135.501	140.254	153.348	172.456
160.5	124.153	135.404	139.866	151.796	170.613
161.0	124.541	135.113	139.769	150.147	168.770
161.5	125.123	135.016	139.575	148.498	167.412
162.0	125.608	134.822	139.866	147.140	166.248
162.5	126.093	134.822	140.060	145.685	164.890
163.0	126.675	134.725	140.157	144.133	163.726
163.5	127.159	134.725	140.351	142.485	162.271
164.0	127.353	134.725	140.545	140.448	160.913
164.5	127.644	134.531	140.351	138.896	159.168
165.0	127.935	134.531	140.060	137.344	157.422
165.5	128.226	134.434	139.769	136.277	155.579
166.0	128.517	134.337	139.575	135.113	152.766
166.5	128.808	134.337	139.284	134.143	151.408

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	129.196	134.337	138.993	133.270	150.341
167.5	129.390	134.337	138.411	132.494	149.274
168.0	129.681	134.337	137.926	131.718	148.401
168.5	130.263	133.949	137.247	131.039	147.334
169.0	130.554	134.046	136.762	130.360	146.267
169.5	131.039	133.755	135.986	129.584	145.103
170.0	131.233	133.658	135.307	128.614	144.036
170.5	131.524	133.464	134.434	127.547	142.873
171.0	131.718	133.270	133.464	126.384	141.418
171.5	132.009	133.270	132.591	125.317	140.254
172.0	132.494	133.076	132.106	124.250	138.508
172.5	132.785	133.076	131.524	123.086	136.568
173.0	133.173	132.882	131.039	122.019	133.270
173.5	133.658	132.979	130.845	120.952	128.323
174.0	134.046	132.979	130.748	120.079	122.213
174.5	134.337	132.979	130.554	119.206	114.938
175.0	134.919	133.270	130.457	118.527	106.694
175.5	135.113	133.367	130.360	118.236	98.061
176.0	135.501	133.561	130.360	117.945	92.436
176.5	135.598	133.658	130.263	117.945	88.459
177.0	135.986	133.852	130.069	117.654	84.385
177.5	136.083	133.852	129.778	117.557	83.512
178.0	136.471	134.046	129.681	117.460	83.706
178.5	136.665	134.143	129.778	117.266	83.900
179.0	136.859	134.143	129.681	116.975	83.997
179.5	137.053	134.143	129.584	116.878	84.094
180.0	122.892	122.892	122.892	122.892	122.892

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-830-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1110.46	N.A.	11.70
0-30	2326.79	N.A.	24.50
0-40	3737.67	N.A.	39.40
0-60	6325.52	N.A.	66.70
0-80	7880.47	N.A.	83.10
0-90	8271.54	N.A.	87.30
10-90	7982.04	N.A.	84.20
20-40	2627.21	N.A.	27.70
20-50	4016.58	N.A.	42.40
40-70	3509.68	N.A.	37.00
60-80	1554.95	N.A.	16.40
70-80	633.12	N.A.	6.70
80-90	391.07	N.A.	4.10
90-110	456.77	N.A.	4.80
90-120	649.06	N.A.	6.80
90-130	826.04	N.A.	8.70
90-150	1084.44	N.A.	11.40
90-180	1207.97	N.A.	12.70
110-180	751.20	N.A.	7.90
0-180	9479.51	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	289.50
10-20	820.96
20-30	1216.33
30-40	1410.88
40-50	1389.37
50-60	1198.48
60-70	921.83
70-80	633.12
80-90	391.07
90-100	250.56
100-110	206.21
110-120	192.29
120-130	176.98
130-140	148.72
140-150	109.68
150-160	71.71
160-170	39.51
170-180	12.31

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-830-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-L100-830-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

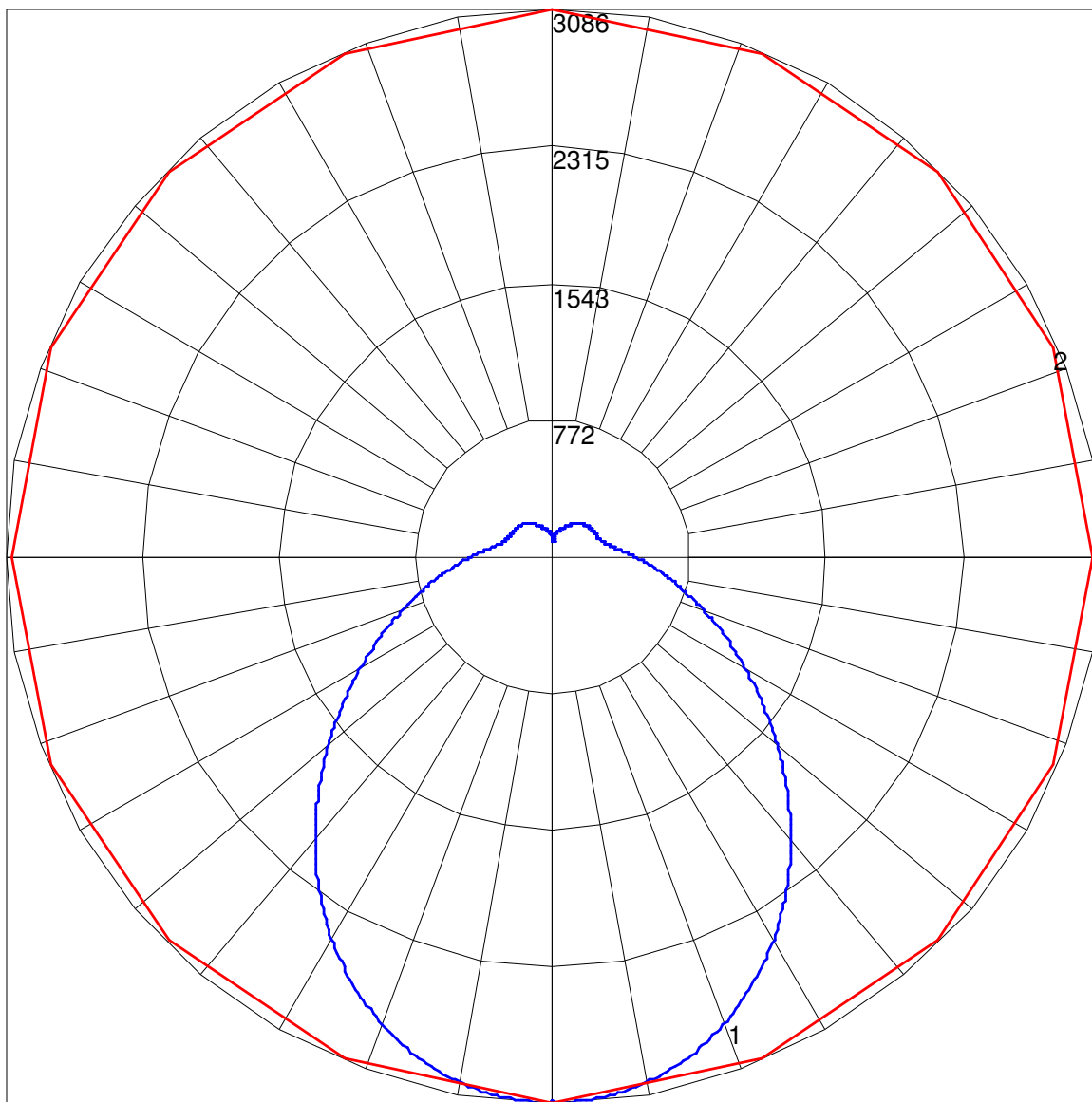
Reflectances

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	17.2	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 = 3086.358 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.)