

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-827-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-L100-827-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	9281
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
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	10266	9155	9005
55	8931	7856	7905
65	7564	6750	7045
75	6166	5928	6585
85	4842	5898	6958

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3003.753	3003.753	3003.753	3003.753	3003.753
0.5	2989.508	3000.904	3002.803	3001.853	3021.796
1.0	2989.508	3001.853	3001.853	3000.904	3020.846
1.5	2986.659	3001.853	3000.904	2999.954	3021.796
2.0	2985.709	2999.004	3000.904	2999.004	3018.947
2.5	2985.709	2999.004	2998.055	2998.055	3017.048
3.0	2982.860	2996.155	2996.155	2996.155	3015.149
3.5	2980.961	2993.307	2993.307	2994.256	3013.249
4.0	2979.062	2991.407	2991.407	2990.458	3011.350
4.5	2974.313	2988.558	2989.508	2988.558	3008.501
5.0	2971.465	2985.709	2985.709	2985.709	3005.652
5.5	2967.666	2981.911	2981.911	2982.860	3001.853
6.0	2965.767	2977.162	2978.112	2978.112	2998.055
6.5	2959.119	2973.364	2974.313	2974.313	2993.307
7.0	2955.320	2968.616	2969.565	2968.616	2989.508
7.5	2951.522	2962.918	2964.817	2964.817	2984.760
8.0	2946.774	2959.119	2959.119	2959.119	2978.112
8.5	2942.025	2952.471	2954.371	2954.371	2972.414
9.0	2934.428	2947.723	2948.673	2947.723	2965.767
9.5	2929.680	2941.076	2941.076	2941.076	2961.968
10.0	2922.083	2933.478	2933.478	2935.378	2954.371
10.5	2915.435	2926.831	2927.780	2927.780	2947.723
11.0	2908.787	2920.183	2921.133	2920.183	2940.126
11.5	2900.241	2912.586	2914.485	2912.586	2933.478
12.0	2892.643	2904.039	2905.938	2905.938	2924.932
12.5	2885.046	2895.492	2898.341	2896.442	2917.334
13.0	2876.499	2887.895	2889.794	2888.845	2908.787
13.5	2867.952	2878.399	2880.298	2880.298	2901.190
14.0	2857.506	2868.902	2870.801	2870.801	2890.744
14.5	2848.959	2859.405	2861.305	2861.305	2883.147
15.0	2840.412	2849.909	2850.859	2850.859	2871.751
15.5	2829.966	2838.513	2841.362	2841.362	2860.355
16.0	2818.570	2828.067	2830.916	2830.916	2850.859
16.5	2809.074	2816.671	2819.520	2820.470	2840.412
17.0	2795.779	2804.326	2808.124	2809.074	2829.017
17.5	2784.383	2792.930	2796.728	2797.678	2817.621
18.0	2773.937	2781.534	2784.383	2787.232	2807.175
18.5	2761.591	2770.138	2772.987	2774.886	2794.829
19.0	2749.246	2755.893	2760.642	2762.541	2781.534
19.5	2735.001	2744.497	2748.296	2752.095	2769.188
20.0	2719.806	2730.253	2735.001	2737.850	2755.893
20.5	2704.612	2717.907	2721.706	2725.504	2743.548
21.0	2692.267	2702.713	2705.562	2713.159	2730.253
21.5	2678.022	2688.468	2693.216	2697.015	2716.008
22.0	2662.827	2675.173	2679.921	2683.720	2703.662
22.5	2649.532	2658.079	2664.727	2670.424	2689.418
23.0	2633.388	2642.885	2649.532	2655.230	2674.223
23.5	2616.294	2626.740	2635.287	2640.985	2659.978
24.0	2599.201	2610.596	2619.143	2625.791	2644.784
24.5	2584.956	2594.452	2603.949	2609.647	2627.690
25.0	2568.812	2578.308	2588.754	2594.452	2612.496
25.5	2550.768	2562.164	2570.711	2579.258	2594.452
26.0	2533.674	2544.121	2555.516	2563.114	2580.207
26.5	2515.631	2526.077	2539.372	2546.020	2564.063

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

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27.0	2497.588	2507.084	2523.228	2531.775	2547.919
27.5	2476.695	2489.041	2505.185	2512.782	2531.775
28.0	2461.501	2470.997	2487.141	2495.688	2513.732
28.5	2441.558	2452.954	2469.098	2477.645	2495.688
29.0	2422.565	2433.961	2450.105	2460.551	2478.595
29.5	2402.622	2414.018	2431.112	2441.558	2459.602
30.0	2382.680	2395.025	2412.119	2425.414	2443.457
30.5	2361.787	2374.133	2394.075	2407.371	2424.464
31.0	2341.845	2354.190	2374.133	2388.378	2404.522
31.5	2320.952	2335.197	2355.140	2370.334	2387.428
32.0	2301.009	2313.355	2336.147	2350.391	2367.485
32.5	2279.167	2292.463	2316.204	2331.398	2348.492
33.0	2258.275	2272.520	2294.362	2312.405	2329.499
33.5	2238.332	2251.627	2275.369	2291.513	2309.556
34.0	2214.591	2229.785	2254.476	2272.520	2291.513
34.5	2192.749	2208.893	2234.534	2251.627	2270.621
35.0	2172.806	2186.101	2214.591	2232.634	2250.678
35.5	2147.166	2165.209	2192.749	2211.742	2229.785
36.0	2127.223	2142.417	2171.857	2190.850	2209.843
36.5	2102.532	2119.626	2150.015	2170.907	2190.850
37.0	2079.740	2097.784	2128.173	2149.065	2170.907
37.5	2055.999	2074.042	2107.280	2130.072	2149.065
38.0	2032.258	2051.251	2084.489	2108.230	2126.273
38.5	2007.567	2027.509	2062.647	2088.287	2105.381
39.0	1985.725	2003.768	2039.855	2066.445	2088.287
39.5	1961.034	1981.926	2018.013	2044.603	2065.495
40.0	1934.443	1957.235	1995.221	2024.660	2043.653
40.5	1909.752	1933.494	1973.379	2003.768	2022.761
41.0	1886.961	1909.752	1950.587	1981.926	2000.919
41.5	1862.270	1886.011	1927.796	1960.084	1980.027
42.0	1837.579	1862.270	1905.004	1939.192	1959.134
42.5	1813.837	1837.579	1881.263	1917.350	1937.292
43.0	1787.247	1813.837	1859.421	1896.457	1916.400
43.5	1764.455	1789.146	1835.679	1874.615	1895.508
44.0	1738.815	1764.455	1811.938	1853.723	1873.666
44.5	1715.073	1740.714	1788.197	1830.931	1851.824
45.0	1690.382	1716.023	1765.405	1810.988	1831.881
45.5	1665.692	1692.282	1742.613	1790.096	1810.988
46.0	1641.001	1667.591	1717.922	1767.304	1789.146
46.5	1616.310	1642.900	1697.030	1748.311	1768.254
47.0	1590.669	1619.159	1673.289	1725.520	1747.362
47.5	1565.978	1594.468	1649.547	1703.678	1725.520
48.0	1542.237	1569.777	1625.806	1683.735	1703.678
48.5	1515.646	1546.035	1603.964	1660.943	1682.785
49.0	1491.905	1520.395	1579.273	1639.101	1660.943
49.5	1467.214	1496.653	1556.481	1618.209	1640.051
50.0	1441.573	1471.962	1533.690	1595.417	1618.209
50.5	1417.832	1448.221	1509.948	1576.424	1598.266
51.0	1393.141	1423.530	1489.056	1554.582	1577.374
51.5	1369.400	1398.839	1465.315	1533.690	1556.481
52.0	1343.759	1375.098	1442.523	1511.848	1535.589
52.5	1319.068	1350.407	1420.681	1490.006	1515.646
53.0	1293.428	1326.665	1397.889	1471.013	1493.804
53.5	1268.737	1302.924	1376.047	1449.171	1473.862
54.0	1244.995	1279.183	1354.205	1428.278	1453.919
54.5	1222.204	1254.492	1332.363	1409.285	1433.976

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

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55.0	1198.462	1231.700	1310.521	1387.443	1415.933
55.5	1178.519	1207.959	1288.679	1367.500	1394.091
56.0	1155.728	1187.066	1267.787	1347.558	1374.148
56.5	1131.986	1165.224	1245.945	1327.615	1355.155
57.0	1109.195	1143.382	1225.052	1307.672	1335.212
57.5	1085.453	1120.591	1207.009	1288.679	1313.370
58.0	1061.712	1097.799	1186.117	1267.787	1297.226
58.5	1038.920	1075.007	1165.224	1249.743	1278.233
59.0	1016.129	1052.216	1145.282	1233.599	1258.290
59.5	993.337	1030.374	1127.238	1213.657	1243.096
60.0	970.545	1007.582	1107.296	1194.664	1224.103
60.5	948.229	985.740	1087.353	1176.620	1205.110
61.0	925.817	963.898	1067.410	1158.577	1187.066
61.5	903.595	942.246	1047.467	1140.533	1169.973
62.0	881.753	920.784	1028.474	1123.440	1151.929
62.5	860.196	899.511	1008.532	1106.346	1134.835
63.0	838.354	878.334	989.539	1088.302	1119.641
63.5	816.702	857.442	971.495	1071.209	1102.547
64.0	795.619	836.834	952.502	1053.165	1085.453
64.5	774.632	816.702	934.459	1036.072	1068.360
65.0	753.835	796.474	916.320	1018.978	1052.216
65.5	733.322	776.721	898.372	1001.884	1035.122
66.0	712.525	756.968	880.613	984.790	1018.978
66.5	692.202	737.691	862.950	968.646	1002.834
67.0	672.354	718.602	845.381	951.552	986.690
67.5	652.412	699.799	828.192	935.598	970.545
68.0	632.754	681.471	811.099	919.454	955.351
68.5	613.381	663.238	794.385	903.785	939.492
69.0	594.103	645.194	777.861	888.021	924.487
69.5	575.110	627.531	761.527	872.731	909.578
70.0	556.212	610.152	745.478	857.727	894.763
70.5	537.789	592.963	729.429	842.722	880.138
71.0	519.555	575.965	713.664	827.908	865.704
71.5	501.512	559.346	698.280	813.473	851.459
72.0	483.848	542.632	682.896	799.133	837.594
72.5	466.090	526.488	667.891	785.078	823.824
73.0	448.806	510.439	652.981	771.213	809.959
73.5	431.997	494.579	638.547	757.443	796.474
74.0	415.378	479.195	623.922	744.148	782.894
74.5	399.044	463.716	609.962	730.948	770.074
75.0	382.805	448.616	596.097	718.033	757.633
75.5	366.851	433.896	582.422	705.212	745.003
76.0	351.372	419.462	569.127	692.487	732.657
76.5	335.987	405.217	555.927	680.047	720.312
77.0	320.793	391.067	542.917	667.701	708.346
77.5	305.883	377.297	530.096	655.735	696.476
78.0	291.164	363.812	517.656	643.960	684.795
78.5	276.729	350.517	505.310	632.089	673.209
79.0	262.579	337.602	493.345	620.598	661.813
79.5	248.524	324.781	481.569	609.392	650.417
80.0	234.659	312.151	469.793	598.281	639.591
80.5	221.174	299.900	458.398	587.076	628.575
81.0	208.069	287.840	447.477	576.249	617.844
81.5	194.774	276.064	436.556	565.518	607.113
82.0	181.954	264.573	425.919	555.167	596.762
82.5	169.418	253.272	415.473	544.816	586.601

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

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83.0	157.073	242.257	405.217	534.845	576.724
83.5	144.822	231.525	395.436	524.683	566.468
84.0	132.856	221.079	385.939	515.092	556.687
84.5	120.986	211.013	376.632	505.595	547.095
85.0	109.590	201.231	367.516	496.194	537.504
85.5	98.194	191.925	358.589	487.077	528.197
86.0	86.988	182.998	349.852	478.150	518.985
86.5	75.877	174.641	341.590	469.224	509.774
87.0	64.956	166.569	333.233	460.772	500.752
87.5	54.035	159.067	325.351	452.225	492.110
88.0	43.209	151.755	317.564	443.963	483.373
88.5	32.288	144.917	310.062	435.796	474.922
89.0	22.317	138.459	302.939	427.914	466.565
89.5	14.150	132.477	296.007	420.316	458.398
90.0	8.452	127.159	289.644	413.099	450.895
90.5	5.983	122.505	283.756	405.882	442.918
91.0	6.363	118.232	277.774	398.569	435.321
91.5	7.597	114.148	271.791	391.637	427.724
92.0	9.022	110.730	266.093	384.610	420.316
92.5	10.541	107.786	261.250	377.867	413.004
93.0	12.061	105.222	256.216	371.504	405.977
93.5	13.675	103.227	251.468	365.237	399.329
94.0	15.384	101.518	247.005	359.349	392.871
94.5	16.999	100.283	242.826	353.366	386.224
95.0	18.613	99.334	238.933	347.478	379.861
95.5	20.133	98.669	235.324	341.875	373.594
96.0	21.367	98.384	232.190	336.462	367.421
96.5	22.602	98.384	229.056	331.429	361.723
97.0	23.741	98.479	226.207	326.586	356.025
97.5	24.976	98.859	223.548	321.932	350.802
98.0	26.020	99.239	221.174	317.374	345.484
98.5	27.255	99.714	219.180	313.006	340.546
99.0	28.490	100.283	217.091	308.922	335.702
99.5	29.819	100.948	215.286	305.029	330.954
100.0	30.959	101.613	213.862	301.420	326.681
100.5	32.288	102.373	212.437	297.906	322.312
101.0	33.428	103.132	211.393	294.582	318.419
101.5	34.567	103.892	210.348	291.449	314.430
102.0	35.612	104.652	209.588	288.505	310.916
102.5	36.657	105.411	208.829	285.751	307.403
103.0	37.701	106.266	208.259	282.997	304.269
103.5	38.841	107.121	207.784	280.622	301.040
104.0	40.075	107.881	207.309	278.438	298.096
104.5	41.310	108.735	207.024	276.349	295.342
105.0	42.449	109.590	206.739	274.450	292.683
105.5	43.494	110.350	206.455	272.455	290.404
106.0	44.729	111.299	206.360	270.746	288.125
106.5	45.868	112.154	206.360	269.132	285.846
107.0	47.008	113.104	206.360	267.612	283.946
107.5	48.052	113.863	206.360	266.473	281.952
108.0	49.382	114.813	206.360	265.143	279.958
108.5	50.617	115.763	206.455	264.193	278.628
109.0	51.851	116.522	206.645	262.959	277.299
109.5	53.181	117.377	206.739	262.104	275.874
110.0	54.510	118.232	206.929	261.155	274.735
110.5	55.840	119.086	207.119	260.300	273.690

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	57.169	119.941	207.214	259.540	272.550
111.5	58.499	120.701	207.309	258.970	271.601
112.0	59.923	121.556	207.499	258.401	270.461
112.5	61.348	122.410	207.689	257.736	269.417
113.0	62.867	123.265	207.974	257.261	268.942
113.5	64.292	124.025	207.974	256.786	268.277
114.0	65.811	124.784	208.164	256.406	267.612
114.5	67.235	125.639	208.354	255.932	267.042
115.0	68.755	126.304	208.544	255.647	266.568
115.5	70.274	127.159	208.544	255.362	266.093
116.0	71.699	127.918	208.829	254.982	265.523
116.5	73.028	128.678	209.019	254.602	265.333
117.0	74.548	129.533	209.209	254.602	264.858
117.5	75.972	130.197	209.399	254.222	264.573
118.0	77.207	130.862	209.588	254.032	264.193
118.5	78.631	131.527	209.683	253.747	264.099
119.0	79.866	132.192	209.873	253.462	263.529
119.5	81.195	132.667	210.063	253.178	263.434
120.0	82.430	133.141	209.968	252.988	262.959
120.5	83.664	133.711	210.063	252.608	262.864
121.0	84.899	134.091	210.253	252.323	262.484
121.5	86.229	134.566	210.158	251.943	262.294
122.0	87.463	135.136	210.158	251.753	262.009
122.5	88.698	135.705	210.253	251.373	261.345
123.0	89.932	136.275	210.158	250.993	261.250
123.5	91.072	136.750	209.968	250.708	260.680
124.0	92.021	137.130	209.968	250.424	260.585
124.5	92.971	137.510	209.968	249.949	260.205
125.0	93.921	137.985	209.778	249.474	259.825
125.5	94.870	138.269	209.588	249.189	259.350
126.0	95.725	138.649	209.493	248.619	258.970
126.5	96.485	139.124	209.304	248.239	258.686
127.0	97.339	139.314	209.114	247.764	258.306
127.5	98.004	139.599	208.829	247.290	257.641
128.0	98.859	139.599	208.734	246.720	257.261
128.5	99.524	139.789	208.354	246.245	256.881
129.0	100.188	139.979	207.974	245.770	256.406
129.5	100.758	140.264	207.309	245.010	255.837
130.0	101.233	140.454	206.645	244.536	255.267
130.5	101.708	140.644	205.885	243.966	254.602
131.0	101.993	140.929	205.125	243.111	253.937
131.5	102.373	141.213	204.365	242.351	253.272
132.0	102.752	141.498	203.511	241.877	252.703
132.5	102.942	141.593	202.561	240.927	251.848
133.0	103.227	141.688	202.181	240.072	250.803
133.5	103.322	141.593	201.611	239.408	250.329
134.0	103.417	141.403	201.231	238.648	249.664
134.5	103.702	141.023	200.757	237.793	248.429
135.0	103.987	140.739	200.187	236.654	247.480
135.5	103.892	139.979	199.712	235.894	246.720
136.0	104.082	139.884	199.047	234.944	245.770
136.5	104.272	139.599	198.572	233.900	244.821
137.0	104.367	139.124	197.813	233.045	243.776
137.5	104.462	138.649	197.148	231.905	242.826
138.0	104.652	138.364	196.198	230.956	241.687
138.5	104.652	137.985	194.964	229.911	240.832

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	104.557	137.700	193.539	228.676	239.503
139.5	104.557	137.320	191.830	227.347	238.553
140.0	104.557	136.845	189.931	226.112	237.223
140.5	104.557	136.560	188.221	224.593	235.799
141.0	104.557	136.370	186.322	222.979	234.659
141.5	104.557	135.990	184.423	221.554	233.520
142.0	104.462	135.800	182.618	219.750	232.285
142.5	104.367	135.515	180.719	218.135	230.861
143.0	104.272	135.231	178.915	216.616	229.436
143.5	104.272	134.851	176.825	215.001	228.107
144.0	104.272	134.376	175.021	213.767	226.587
144.5	104.557	133.996	173.217	212.342	225.258
145.0	104.937	133.616	171.222	211.108	223.738
145.5	105.601	133.141	169.418	209.873	222.219
146.0	106.456	132.762	167.709	208.544	220.794
146.5	107.311	132.382	166.284	207.119	219.180
147.0	108.165	131.907	164.670	205.695	217.566
147.5	108.925	131.717	163.435	204.270	215.951
148.0	109.780	131.337	162.106	202.656	214.242
148.5	110.540	131.242	161.061	201.137	212.532
149.0	111.489	131.242	159.922	199.617	211.013
149.5	112.154	131.527	158.877	198.003	209.114
150.0	112.914	131.717	157.832	196.483	207.119
150.5	113.579	131.812	156.693	194.774	205.030
151.0	114.053	132.097	155.173	193.064	202.561
151.5	114.528	132.192	153.559	191.260	200.282
152.0	115.098	132.382	152.039	189.361	198.003
152.5	115.668	132.572	150.615	187.367	195.534
153.0	116.048	132.667	149.096	185.087	193.539
153.5	116.522	132.951	147.481	182.713	191.260
154.0	116.902	132.856	146.057	180.054	189.361
154.5	117.377	132.951	144.822	177.490	187.462
155.0	117.567	133.141	143.588	174.546	186.037
155.5	117.947	133.236	142.353	171.792	184.518
156.0	118.232	133.236	141.498	168.848	183.188
156.5	118.707	133.236	140.644	165.904	181.479
157.0	118.897	133.426	139.789	163.245	179.864
157.5	119.181	133.426	139.219	160.681	178.060
158.0	119.561	133.331	138.934	158.022	176.351
158.5	119.656	133.331	138.554	155.838	174.356
159.0	120.131	133.046	138.269	153.749	172.647
159.5	120.511	132.856	137.795	151.755	170.748
160.0	120.986	132.667	137.320	150.140	168.848
160.5	121.556	132.572	136.940	148.621	167.044
161.0	121.935	132.287	136.845	147.006	165.240
161.5	122.505	132.192	136.655	145.392	163.910
162.0	122.980	132.002	136.940	144.062	162.771
162.5	123.455	132.002	137.130	142.638	161.441
163.0	124.025	131.907	137.225	141.118	160.301
163.5	124.500	131.907	137.415	139.504	158.877
164.0	124.689	131.907	137.605	137.510	157.547
164.5	124.974	131.717	137.415	135.990	155.838
165.0	125.259	131.717	137.130	134.471	154.129
165.5	125.544	131.622	136.845	133.426	152.324
166.0	125.829	131.527	136.655	132.287	149.570
166.5	126.114	131.527	136.370	131.337	148.241

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	126.494	131.527	136.085	130.482	147.196
167.5	126.684	131.527	135.515	129.723	146.152
168.0	126.969	131.527	135.041	128.963	145.297
168.5	127.538	131.147	134.376	128.298	144.252
169.0	127.823	131.242	133.901	127.633	143.208
169.5	128.298	130.957	133.141	126.874	142.068
170.0	128.488	130.862	132.477	125.924	141.023
170.5	128.773	130.672	131.622	124.879	139.884
171.0	128.963	130.482	130.672	123.740	138.459
171.5	129.248	130.482	129.818	122.695	137.320
172.0	129.723	130.292	129.343	121.651	135.610
172.5	130.008	130.292	128.773	120.511	133.711
173.0	130.387	130.102	128.298	119.466	130.482
173.5	130.862	130.197	128.108	118.422	125.639
174.0	131.242	130.197	128.013	117.567	119.656
174.5	131.527	130.197	127.823	116.712	112.534
175.0	132.097	130.482	127.728	116.048	104.462
175.5	132.287	130.577	127.633	115.763	96.010
176.0	132.667	130.767	127.633	115.478	90.502
176.5	132.762	130.862	127.538	115.478	86.608
177.0	133.141	131.052	127.348	115.193	82.620
177.5	133.236	131.052	127.064	115.098	81.765
178.0	133.616	131.242	126.969	115.003	81.955
178.5	133.806	131.337	127.064	114.813	82.145
179.0	133.996	131.337	126.969	114.528	82.240
179.5	134.186	131.337	126.874	114.433	82.335
180.0	120.321	120.321	120.321	120.321	120.321

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1087.23	N.A.	11.70
0-30	2278.12	N.A.	24.50
0-40	3659.49	N.A.	39.40
0-60	6193.2	N.A.	66.70
0-80	7715.63	N.A.	83.10
0-90	8098.51	N.A.	87.30
10-90	7815.07	N.A.	84.20
20-40	2572.25	N.A.	27.70
20-50	3932.56	N.A.	42.40
40-70	3436.27	N.A.	37.00
60-80	1522.42	N.A.	16.40
70-80	619.87	N.A.	6.70
80-90	382.89	N.A.	4.10
90-110	447.21	N.A.	4.80
90-120	635.49	N.A.	6.80
90-130	808.76	N.A.	8.70
90-150	1061.75	N.A.	11.40
90-180	1182.7	N.A.	12.70
110-180	735.49	N.A.	7.90
0-180	9281.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	283.45
10-20	803.79
20-30	1190.89
30-40	1381.36
40-50	1360.31
50-60	1173.41
60-70	902.55
70-80	619.87
80-90	382.89
90-100	245.32
100-110	201.90
110-120	188.27
120-130	173.28
130-140	145.61
140-150	107.38
150-160	70.21
160-170	38.68
170-180	12.05

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-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-L100-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

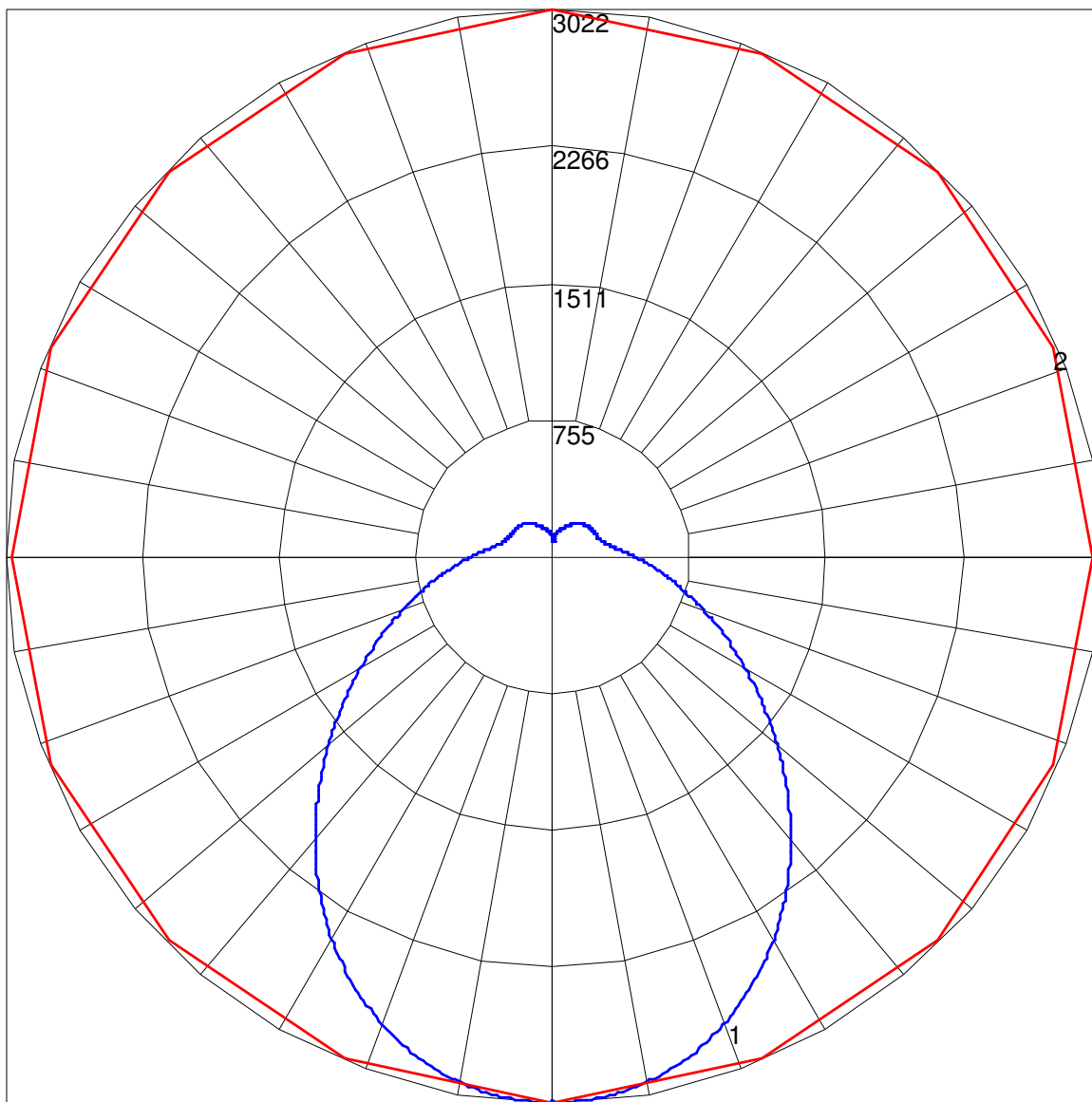
Reflectances

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	17.1	18.5	17.6	19.0	19.6	18.8	20.2	19.4	20.7	21.3
	3H	18.5	19.7	19.0	20.3	20.9	21.0	22.3	21.6	22.8	23.5
	4H	18.9	20.1	19.5	20.6	21.3	22.1	23.3	22.7	23.8	24.5
	6H	19.2	20.3	19.8	20.9	21.6	23.2	24.3	23.8	24.9	25.6
	8H	19.3	20.3	19.9	20.9	21.6	23.8	24.9	24.5	25.5	26.2
	12H	19.3	20.3	19.9	20.9	21.6	24.6	25.5	25.2	26.2	26.9
4H	2H	17.8	19.0	18.4	19.6	20.3	19.2	20.4	19.8	21.0	21.6
	3H	19.4	20.4	20.0	21.0	21.7	21.7	22.6	22.3	23.3	24.0
	4H	20.0	20.9	20.6	21.5	22.3	22.9	23.8	23.5	24.4	25.2
	6H	20.4	21.2	21.1	21.9	22.6	24.3	25.0	24.9	25.7	26.4
	8H	20.5	21.3	21.2	21.9	22.7	25.0	25.7	25.6	26.4	27.1
	12H	20.6	21.3	21.3	22.0	22.7	25.8	26.5	26.5	27.2	27.9
8H	4H	20.6	21.3	21.2	22.0	22.7	23.1	23.8	23.8	24.5	25.3
	6H	21.2	21.8	21.8	22.5	23.2	24.6	25.3	25.3	26.0	26.7
	8H	21.4	21.9	22.1	22.6	23.4	25.5	26.1	26.2	26.8	27.5
	12H	21.5	22.0	22.2	22.7	23.5	26.5	27.0	27.2	27.7	28.5
12H	4H	20.8	21.4	21.4	22.1	22.9	23.1	23.8	23.8	24.5	25.2
	6H	21.4	22.0	22.1	22.7	23.5	24.7	25.2	25.4	25.9	26.7
	8H	21.7	22.2	22.4	22.9	23.7	25.6	26.1	26.3	26.8	27.6

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 3021.796 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.)