

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-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-4-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	9351
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	68.3
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)	3.71 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	20517	18378	18197
55	17767	15733	15975
65	14935	13475	14237
75	11978	11771	13307
85	8786	11579	14060

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-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	3026.356	3026.356	3026.356	3026.356	3026.356
0.5	3012.004	3023.486	3025.399	3024.443	3044.535
1.0	3012.004	3024.443	3024.443	3023.486	3043.579
1.5	3009.134	3024.443	3023.486	3022.529	3044.535
2.0	3008.177	3021.572	3023.486	3021.572	3041.665
2.5	3008.177	3021.572	3020.615	3020.615	3039.751
3.0	3005.307	3018.702	3018.702	3018.702	3037.838
3.5	3003.393	3015.831	3015.831	3016.788	3035.924
4.0	3001.479	3013.918	3013.918	3012.961	3034.011
4.5	2996.695	3011.047	3012.004	3011.047	3031.140
5.0	2993.825	3008.177	3008.177	3008.177	3028.270
5.5	2989.998	3004.350	3004.350	3005.307	3024.443
6.0	2988.084	2999.566	3000.523	3000.523	3020.615
6.5	2981.387	2995.739	2996.695	2996.695	3015.831
7.0	2977.560	2990.955	2991.911	2990.955	3012.004
7.5	2973.732	2985.214	2987.128	2987.128	3007.220
8.0	2968.948	2981.387	2981.387	2981.387	3000.523
8.5	2964.164	2974.689	2976.603	2976.603	2994.782
9.0	2956.510	2969.905	2970.862	2969.905	2988.084
9.5	2951.726	2963.208	2963.208	2963.208	2984.257
10.0	2944.072	2955.553	2955.553	2957.467	2976.603
10.5	2937.374	2948.856	2949.812	2949.812	2969.905
11.0	2930.676	2942.158	2943.115	2942.158	2962.251
11.5	2922.065	2934.504	2936.417	2934.504	2955.553
12.0	2914.411	2925.892	2927.806	2927.806	2946.942
12.5	2906.756	2917.281	2920.152	2918.238	2939.288
13.0	2898.145	2909.627	2911.540	2910.584	2930.676
13.5	2889.534	2900.059	2901.972	2901.972	2923.022
14.0	2879.009	2890.491	2892.404	2892.404	2912.497
14.5	2870.398	2880.923	2882.836	2882.836	2904.843
15.0	2861.787	2871.355	2872.312	2872.312	2893.361
15.5	2851.262	2859.873	2862.744	2862.744	2881.880
16.0	2839.780	2849.348	2852.219	2852.219	2872.312
16.5	2830.212	2837.867	2840.737	2841.694	2861.787
17.0	2816.817	2825.428	2829.256	2830.212	2850.305
17.5	2805.336	2813.947	2817.774	2818.731	2838.824
18.0	2794.811	2802.465	2805.336	2808.206	2828.299
18.5	2782.372	2790.984	2793.854	2795.768	2815.860
19.0	2769.934	2776.632	2781.416	2783.329	2802.465
19.5	2755.582	2765.150	2768.977	2772.804	2790.027
20.0	2740.273	2750.798	2755.582	2758.452	2776.632
20.5	2724.964	2738.360	2742.187	2746.014	2764.193
21.0	2712.526	2723.051	2725.921	2733.576	2750.798
21.5	2698.174	2708.699	2713.483	2717.310	2736.446
22.0	2682.865	2695.304	2700.088	2703.915	2724.008
22.5	2669.470	2678.081	2684.779	2690.520	2709.656
23.0	2653.205	2662.773	2669.470	2675.211	2694.347
23.5	2635.982	2646.507	2655.118	2660.859	2679.995
24.0	2618.760	2630.241	2638.853	2645.550	2664.686
24.5	2604.408	2613.976	2623.544	2629.285	2647.464
25.0	2588.142	2597.710	2608.235	2613.976	2632.155
25.5	2569.963	2581.445	2590.056	2598.667	2613.976
26.0	2552.741	2563.265	2574.747	2582.401	2599.624
26.5	2534.561	2545.086	2558.481	2565.179	2583.358

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2516.382	2525.950	2542.216	2550.827	2567.093
27.5	2495.333	2507.771	2524.037	2531.691	2550.827
28.0	2480.024	2489.592	2505.857	2514.469	2532.648
28.5	2459.931	2471.413	2487.678	2496.289	2514.469
29.0	2440.795	2452.277	2468.542	2479.067	2497.246
29.5	2420.702	2432.184	2449.406	2459.931	2478.110
30.0	2400.610	2413.048	2430.270	2443.665	2461.845
30.5	2379.560	2391.998	2412.091	2425.486	2442.709
31.0	2359.467	2371.906	2391.998	2406.350	2422.616
31.5	2338.418	2352.770	2372.862	2388.171	2405.394
32.0	2318.325	2330.763	2353.726	2368.078	2385.301
32.5	2296.318	2309.714	2333.634	2348.942	2366.165
33.0	2275.269	2289.621	2311.627	2329.806	2347.029
33.5	2255.176	2268.571	2292.491	2308.757	2326.936
34.0	2231.256	2246.565	2271.442	2289.621	2308.757
34.5	2209.250	2225.515	2251.349	2268.571	2287.707
35.0	2189.157	2202.552	2231.256	2249.435	2267.614
35.5	2163.323	2181.502	2209.250	2228.386	2246.565
36.0	2143.230	2158.539	2188.200	2207.336	2226.472
36.5	2118.354	2135.576	2166.194	2187.243	2207.336
37.0	2095.391	2113.570	2144.187	2165.237	2187.243
37.5	2071.471	2089.650	2123.138	2146.101	2165.237
38.0	2047.551	2066.687	2100.175	2124.095	2142.274
38.5	2022.674	2042.767	2078.168	2104.002	2121.224
39.0	2000.667	2018.847	2055.205	2081.995	2104.002
39.5	1975.791	1996.840	2033.199	2059.989	2081.039
40.0	1949.000	1971.963	2010.235	2039.896	2059.032
40.5	1924.123	1948.043	1988.229	2018.847	2037.983
41.0	1901.160	1924.123	1965.266	1996.840	2015.976
41.5	1876.283	1900.203	1942.303	1974.834	1994.927
42.0	1851.407	1876.283	1919.339	1953.784	1973.877
42.5	1827.487	1851.407	1895.419	1931.778	1951.871
43.0	1800.696	1827.487	1873.413	1910.728	1930.821
43.5	1777.733	1802.610	1849.493	1888.722	1909.771
44.0	1751.900	1777.733	1825.573	1867.672	1887.765
44.5	1727.980	1753.813	1801.653	1844.709	1865.759
45.0	1703.103	1728.936	1778.690	1824.616	1845.666
45.5	1678.226	1705.016	1755.727	1803.567	1824.616
46.0	1653.349	1680.140	1730.850	1780.604	1802.610
46.5	1628.472	1655.263	1709.800	1761.468	1781.560
47.0	1602.639	1631.343	1685.880	1738.504	1760.511
47.5	1577.762	1606.466	1661.960	1716.498	1738.504
48.0	1553.842	1581.589	1638.040	1696.405	1716.498
48.5	1527.052	1557.669	1616.034	1673.442	1695.448
49.0	1503.132	1531.836	1591.157	1651.436	1673.442
49.5	1478.255	1507.916	1568.194	1630.386	1652.392
50.0	1452.421	1483.039	1545.231	1607.423	1630.386
50.5	1428.501	1459.119	1521.311	1588.287	1610.293
51.0	1403.625	1434.242	1500.261	1566.281	1589.244
51.5	1379.705	1409.365	1476.341	1545.231	1568.194
52.0	1353.871	1385.445	1453.378	1523.225	1547.145
52.5	1328.994	1360.569	1431.372	1501.218	1527.052
53.0	1303.161	1336.649	1408.409	1482.082	1505.045
53.5	1278.284	1312.729	1386.402	1460.076	1484.953
54.0	1254.364	1288.809	1364.396	1439.026	1464.860
54.5	1231.401	1263.932	1342.389	1419.890	1444.767

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1207.481	1240.969	1320.383	1397.884	1426.588
55.5	1187.388	1217.049	1298.377	1377.791	1404.581
56.0	1164.425	1195.999	1277.327	1357.698	1384.489
56.5	1140.505	1173.993	1255.321	1337.605	1365.353
57.0	1117.542	1151.986	1234.271	1317.513	1345.260
57.5	1093.622	1129.023	1216.092	1298.377	1323.253
58.0	1069.702	1106.060	1195.042	1277.327	1306.988
58.5	1046.738	1083.097	1173.993	1259.148	1287.852
59.0	1023.775	1060.134	1153.900	1242.882	1267.759
59.5	1000.812	1038.127	1135.721	1222.790	1252.450
60.0	977.849	1015.164	1115.628	1203.654	1233.314
60.5	955.364	993.158	1095.535	1185.474	1214.178
61.0	932.784	971.151	1075.442	1167.295	1195.999
61.5	910.395	949.336	1055.350	1149.116	1178.777
62.0	888.388	927.713	1036.214	1131.894	1160.598
62.5	866.669	906.280	1016.121	1114.671	1143.375
63.0	844.662	884.944	996.985	1096.492	1128.066
63.5	822.847	863.894	978.806	1079.270	1110.844
64.0	801.606	843.132	959.670	1061.090	1093.622
64.5	780.461	822.847	941.491	1043.868	1076.399
65.0	759.507	802.468	923.216	1026.646	1060.134
65.5	738.840	782.566	905.132	1009.423	1042.911
66.0	717.887	762.665	887.240	992.201	1026.646
66.5	697.411	743.242	869.444	975.935	1010.380
67.0	677.414	724.010	851.743	958.713	994.115
67.5	657.321	705.065	834.425	942.639	977.849
68.0	637.515	686.599	817.202	926.373	962.540
68.5	617.997	668.229	800.363	910.586	946.562
69.0	598.574	650.049	783.714	894.703	931.444
69.5	579.438	632.253	767.257	879.299	916.422
70.0	560.397	614.744	751.087	864.181	901.496
70.5	541.835	597.426	734.918	849.064	886.762
71.0	523.465	580.299	719.035	834.138	872.218
71.5	505.286	563.555	703.535	819.594	857.866
72.0	487.489	546.715	688.034	805.147	843.897
72.5	469.597	530.450	672.917	790.986	830.023
73.0	452.183	514.280	657.895	777.017	816.054
73.5	435.248	498.301	643.352	763.143	802.468
74.0	418.504	482.801	628.617	749.748	788.785
74.5	402.047	467.205	614.552	736.448	775.869
75.0	385.686	451.992	600.583	723.436	763.335
75.5	369.612	437.162	586.805	710.519	750.609
76.0	354.016	422.618	573.410	697.698	738.171
76.5	338.516	408.266	560.110	685.164	725.732
77.0	323.207	394.010	547.002	672.726	713.677
77.5	308.185	380.136	534.085	660.670	701.717
78.0	293.355	366.550	521.551	648.806	689.948
78.5	278.811	353.155	509.113	636.846	678.275
79.0	264.555	340.142	497.057	625.268	666.793
79.5	250.394	327.225	485.193	613.978	655.312
80.0	236.425	314.500	473.329	602.784	644.404
80.5	222.839	302.157	461.847	591.493	633.305
81.0	209.635	290.006	450.844	580.586	622.494
81.5	196.240	278.142	439.841	569.774	611.682
82.0	183.323	266.564	429.124	559.345	601.253
82.5	170.693	255.178	418.600	548.916	591.015

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	158.255	244.080	408.266	538.869	581.064
83.5	145.912	233.268	398.411	528.632	570.731
84.0	133.856	222.743	388.843	518.968	560.876
84.5	121.896	212.601	379.467	509.400	551.212
85.0	110.415	202.746	370.281	499.928	541.548
85.5	98.933	193.369	361.287	490.742	532.172
86.0	87.643	184.375	352.485	481.748	522.891
86.5	76.448	175.955	344.161	472.755	513.610
87.0	65.445	167.823	335.741	464.239	504.520
87.5	54.442	160.264	327.799	455.628	495.813
88.0	43.534	152.897	319.954	447.304	487.011
88.5	32.531	146.008	312.395	439.075	478.495
89.0	22.485	139.501	305.219	431.134	470.076
89.5	14.256	133.474	298.234	423.479	461.847
90.0	8.516	128.115	291.824	416.208	454.288
90.5	6.028	123.427	285.892	408.936	446.251
91.0	6.411	119.122	279.864	401.569	438.597
91.5	7.654	115.007	273.836	394.584	430.942
92.0	9.090	111.563	268.095	387.504	423.479
92.5	10.620	108.597	263.215	380.710	416.112
93.0	12.151	106.013	258.144	374.300	409.032
93.5	13.778	104.004	253.360	367.985	402.334
94.0	15.500	102.282	248.864	362.053	395.828
94.5	17.127	101.038	244.654	356.025	389.130
95.0	18.753	100.081	240.731	350.093	382.720
95.5	20.284	99.411	237.095	344.448	376.405
96.0	21.528	99.124	233.937	338.994	370.186
96.5	22.772	99.124	230.780	333.923	364.445
97.0	23.920	99.220	227.910	329.043	358.704
97.5	25.164	99.603	225.231	324.355	353.442
98.0	26.216	99.986	222.839	319.762	348.084
98.5	27.460	100.464	220.829	315.361	343.108
99.0	28.704	101.038	218.724	311.247	338.229
99.5	30.043	101.708	216.906	307.324	333.445
100.0	31.192	102.378	215.471	303.688	329.139
100.5	32.531	103.143	214.036	300.148	324.738
101.0	33.679	103.908	212.984	296.799	320.815
101.5	34.827	104.674	211.931	293.642	316.796
102.0	35.880	105.439	211.166	290.676	313.256
102.5	36.932	106.205	210.400	287.901	309.716
103.0	37.985	107.066	209.826	285.126	306.559
103.5	39.133	107.927	209.348	282.734	303.305
104.0	40.377	108.692	208.869	280.534	300.339
104.5	41.621	109.554	208.582	278.429	297.565
105.0	42.769	110.415	208.295	276.515	294.886
105.5	43.821	111.180	208.008	274.506	292.589
106.0	45.065	112.137	207.912	272.783	290.293
106.5	46.213	112.998	207.912	271.157	287.997
107.0	47.362	113.955	207.912	269.626	286.083
107.5	48.414	114.720	207.912	268.478	284.074
108.0	49.754	115.677	207.912	267.138	282.064
108.5	50.997	116.634	208.008	266.182	280.725
109.0	52.241	117.399	208.200	264.938	279.385
109.5	53.581	118.260	208.295	264.077	277.950
110.0	54.920	119.122	208.487	263.120	276.802
110.5	56.260	119.983	208.678	262.259	275.750

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	57.599	120.844	208.774	261.493	274.601
111.5	58.939	121.609	208.869	260.919	273.645
112.0	60.374	122.470	209.061	260.345	272.496
112.5	61.809	123.331	209.252	259.675	271.444
113.0	63.340	124.193	209.539	259.197	270.966
113.5	64.775	124.958	209.539	258.719	270.296
114.0	66.306	125.723	209.730	258.336	269.626
114.5	67.741	126.585	209.922	257.857	269.052
115.0	69.272	127.254	210.113	257.570	268.574
115.5	70.803	128.115	210.113	257.283	268.095
116.0	72.238	128.881	210.400	256.901	267.521
116.5	73.578	129.646	210.592	256.518	267.330
117.0	75.109	130.507	210.783	256.518	266.851
117.5	76.544	131.177	210.974	256.135	266.564
118.0	77.788	131.847	211.166	255.944	266.182
118.5	79.223	132.517	211.261	255.657	266.086
119.0	80.467	133.186	211.453	255.370	265.512
119.5	81.806	133.665	211.644	255.083	265.416
120.0	83.050	134.143	211.548	254.891	264.938
120.5	84.294	134.717	211.644	254.509	264.842
121.0	85.538	135.100	211.835	254.222	264.459
121.5	86.877	135.578	211.740	253.839	264.268
122.0	88.121	136.153	211.740	253.648	263.981
122.5	89.365	136.727	211.835	253.265	263.311
123.0	90.609	137.301	211.740	252.882	263.215
123.5	91.757	137.779	211.548	252.595	262.641
124.0	92.714	138.162	211.548	252.308	262.546
124.5	93.671	138.545	211.548	251.830	262.163
125.0	94.627	139.023	211.357	251.351	261.780
125.5	95.584	139.310	211.166	251.064	261.302
126.0	96.445	139.693	211.070	250.490	260.919
126.5	97.211	140.171	210.879	250.107	260.632
127.0	98.072	140.362	210.687	249.629	260.249
127.5	98.742	140.650	210.400	249.151	259.580
128.0	99.603	140.650	210.304	248.576	259.197
128.5	100.273	140.841	209.922	248.098	258.814
129.0	100.942	141.032	209.539	247.620	258.336
129.5	101.516	141.319	208.869	246.854	257.762
130.0	101.995	141.511	208.200	246.376	257.188
130.5	102.473	141.702	207.434	245.802	256.518
131.0	102.760	141.989	206.669	244.941	255.848
131.5	103.143	142.276	205.903	244.175	255.178
132.0	103.526	142.563	205.042	243.697	254.604
132.5	103.717	142.659	204.085	242.740	253.743
133.0	104.004	142.754	203.703	241.879	252.691
133.5	104.100	142.659	203.128	241.209	252.212
134.0	104.195	142.467	202.746	240.444	251.543
134.5	104.482	142.085	202.267	239.583	250.299
135.0	104.770	141.798	201.693	238.434	249.342
135.5	104.674	141.032	201.215	237.669	248.576
136.0	104.865	140.937	200.545	236.712	247.620
136.5	105.057	140.650	200.067	235.660	246.663
137.0	105.152	140.171	199.301	234.799	245.610
137.5	105.248	139.693	198.632	233.650	244.654
138.0	105.439	139.406	197.675	232.694	243.505
138.5	105.439	139.023	196.431	231.641	242.644

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	105.344	138.736	194.996	230.397	241.305
139.5	105.344	138.353	193.273	229.058	240.348
140.0	105.344	137.875	191.360	227.814	239.008
140.5	105.344	137.588	189.638	226.283	237.573
141.0	105.344	137.396	187.724	224.656	236.425
141.5	105.344	137.014	185.810	223.221	235.277
142.0	105.248	136.822	183.993	221.403	234.033
142.5	105.152	136.535	182.079	219.777	232.598
143.0	105.057	136.248	180.261	218.246	231.163
143.5	105.057	135.866	178.156	216.619	229.823
144.0	105.057	135.387	176.338	215.376	228.292
144.5	105.344	135.004	174.520	213.940	226.953
145.0	105.726	134.622	172.511	212.696	225.422
145.5	106.396	134.143	170.693	211.453	223.891
146.0	107.257	133.761	168.971	210.113	222.456
146.5	108.118	133.378	167.536	208.678	220.829
147.0	108.979	132.899	165.909	207.243	219.203
147.5	109.745	132.708	164.665	205.808	217.576
148.0	110.606	132.325	163.326	204.181	215.854
148.5	111.371	132.230	162.273	202.650	214.132
149.0	112.328	132.230	161.125	201.119	212.601
149.5	112.998	132.517	160.073	199.493	210.687
150.0	113.763	132.708	159.020	197.962	208.678
150.5	114.433	132.804	157.872	196.240	206.573
151.0	114.912	133.091	156.341	194.517	204.085
151.5	115.390	133.186	154.714	192.699	201.789
152.0	115.964	133.378	153.184	190.786	199.493
152.5	116.538	133.569	151.748	188.777	197.005
153.0	116.921	133.665	150.217	186.480	194.996
153.5	117.399	133.952	148.591	184.088	192.699
154.0	117.782	133.856	147.156	181.409	190.786
154.5	118.260	133.952	145.912	178.826	188.872
155.0	118.452	134.143	144.668	175.860	187.437
155.5	118.834	134.239	143.424	173.085	185.906
156.0	119.122	134.239	142.563	170.119	184.567
156.5	119.600	134.239	141.702	167.153	182.844
157.0	119.791	134.430	140.841	164.474	181.218
157.5	120.078	134.430	140.267	161.890	179.400
158.0	120.461	134.335	139.980	159.211	177.678
158.5	120.557	134.335	139.597	157.011	175.668
159.0	121.035	134.048	139.310	154.906	173.946
159.5	121.418	133.856	138.832	152.897	172.033
160.0	121.896	133.665	138.353	151.270	170.119
160.5	122.470	133.569	137.970	149.739	168.301
161.0	122.853	133.282	137.875	148.113	166.483
161.5	123.427	133.186	137.683	146.486	165.144
162.0	123.906	132.995	137.970	145.146	163.995
162.5	124.384	132.995	138.162	143.711	162.656
163.0	124.958	132.899	138.258	142.180	161.508
163.5	125.436	132.899	138.449	140.554	160.073
164.0	125.628	132.899	138.640	138.545	158.733
164.5	125.915	132.708	138.449	137.014	157.011
165.0	126.202	132.708	138.162	135.483	155.289
165.5	126.489	132.612	137.875	134.430	153.471
166.0	126.776	132.517	137.683	133.282	150.696
166.5	127.063	132.517	137.396	132.325	149.356

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	127.446	132.517	137.109	131.464	148.304
167.5	127.637	132.517	136.535	130.699	147.251
168.0	127.924	132.517	136.057	129.933	146.390
168.5	128.498	132.134	135.387	129.264	145.338
169.0	128.785	132.230	134.909	128.594	144.285
169.5	129.264	131.943	134.143	127.828	143.137
170.0	129.455	131.847	133.474	126.872	142.085
170.5	129.742	131.656	132.612	125.819	140.937
171.0	129.933	131.464	131.656	124.671	139.501
171.5	130.220	131.464	130.794	123.618	138.353
172.0	130.699	131.273	130.316	122.566	136.631
172.5	130.986	131.273	129.742	121.418	134.717
173.0	131.369	131.082	129.264	120.365	131.464
173.5	131.847	131.177	129.072	119.313	126.585
174.0	132.230	131.177	128.977	118.452	120.557
174.5	132.517	131.177	128.785	117.591	113.381
175.0	133.091	131.464	128.690	116.921	105.248
175.5	133.282	131.560	128.594	116.634	96.732
176.0	133.665	131.751	128.594	116.347	91.183
176.5	133.761	131.847	128.498	116.347	87.260
177.0	134.143	132.038	128.307	116.060	83.242
177.5	134.239	132.038	128.020	115.964	82.380
178.0	134.622	132.230	127.924	115.868	82.572
178.5	134.813	132.325	128.020	115.677	82.763
179.0	135.004	132.325	127.924	115.390	82.859
179.5	135.196	132.325	127.828	115.294	82.955
180.0	121.226	121.226	121.226	121.226	121.226

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1095.42	N.A.	11.70
0-30	2295.26	N.A.	24.50
0-40	3687.02	N.A.	39.40
0-60	6239.81	N.A.	66.70
0-80	7773.69	N.A.	83.10
0-90	8159.46	N.A.	87.30
10-90	7873.88	N.A.	84.20
20-40	2591.61	N.A.	27.70
20-50	3962.15	N.A.	42.40
40-70	3462.12	N.A.	37.00
60-80	1533.88	N.A.	16.40
70-80	624.54	N.A.	6.70
80-90	385.77	N.A.	4.10
90-110	450.58	N.A.	4.80
90-120	640.27	N.A.	6.80
90-130	814.85	N.A.	8.70
90-150	1069.74	N.A.	11.40
90-180	1191.6	N.A.	12.70
110-180	741.02	N.A.	7.90
0-180	9351.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	285.58
10-20	809.84
20-30	1199.85
30-40	1391.76
40-50	1370.54
50-60	1182.24
60-70	909.34
70-80	624.54
80-90	385.77
90-100	247.16
100-110	203.42
110-120	189.69
120-130	174.58
130-140	146.71
140-150	108.19
150-160	70.74
160-170	38.97
170-180	12.14

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-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-4-L100-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

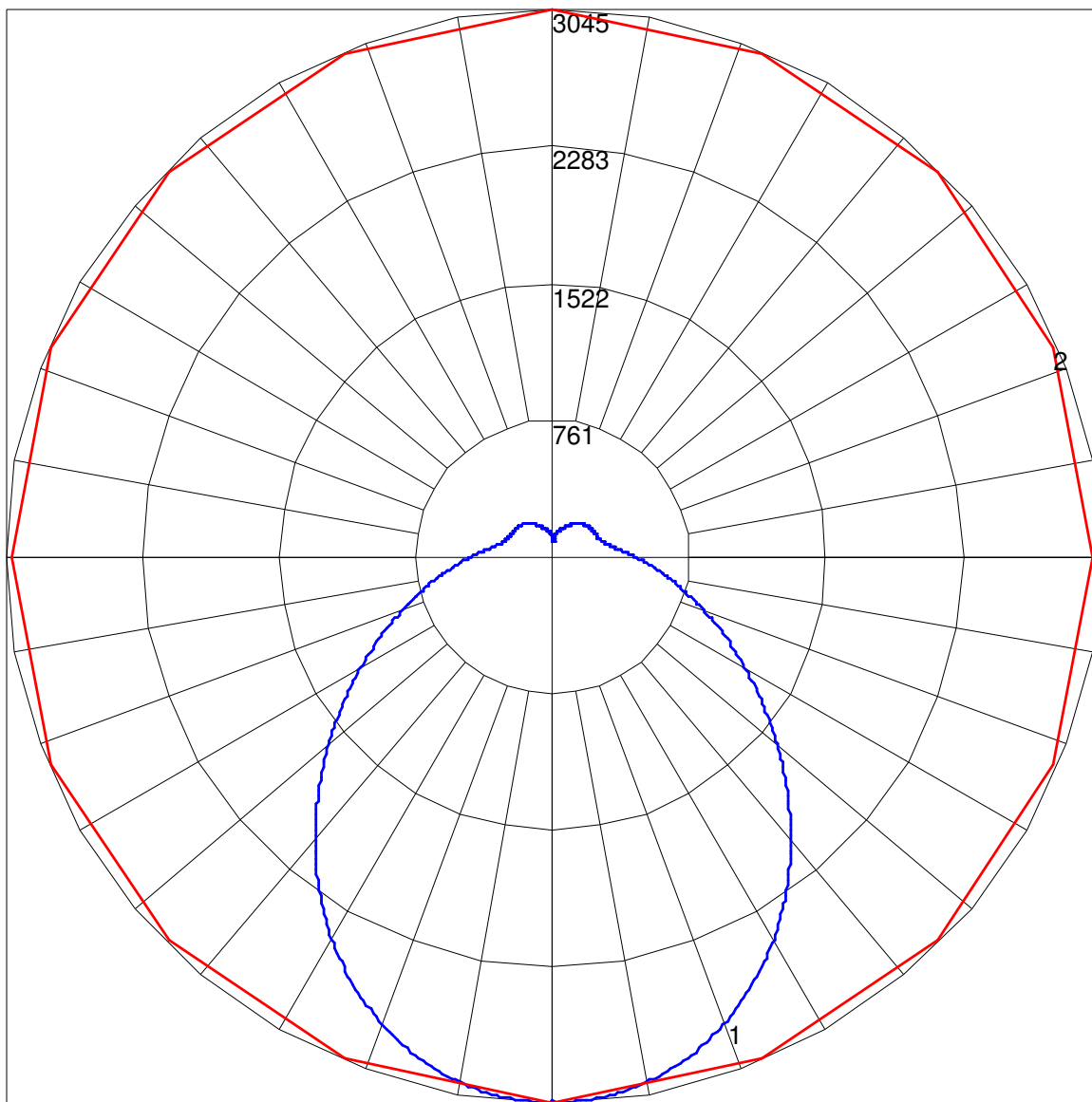
Reflectances

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	19.6	21.0	20.2	21.5	22.1	21.3	22.6	21.8	23.2	23.8
	3H	21.0	22.2	21.5	22.8	23.4	23.5	24.7	24.0	25.3	25.9
	4H	21.4	22.6	22.0	23.2	23.8	24.5	25.7	25.1	26.3	27.0
	6H	21.7	22.8	22.3	23.4	24.1	25.7	26.7	26.3	27.3	28.0
	8H	21.8	22.8	22.4	23.4	24.1	26.2	27.3	26.9	27.9	28.6
	12H	21.8	22.8	22.4	23.4	24.1	26.9	27.9	27.5	28.5	29.2
4H	2H	20.3	21.5	20.9	22.1	22.8	21.7	22.8	22.3	23.4	24.1
	3H	21.9	22.9	22.5	23.5	24.2	24.1	25.1	24.7	25.7	26.4
	4H	22.5	23.4	23.1	24.0	24.8	25.4	26.2	26.0	26.9	27.6
	6H	22.9	23.7	23.6	24.4	25.1	26.7	27.5	27.3	28.1	28.9
	8H	23.0	23.8	23.7	24.4	25.2	27.4	28.1	28.0	28.8	29.5
	12H	23.1	23.8	23.8	24.5	25.2	28.2	28.8	28.8	29.5	30.3
8H	4H	23.1	23.8	23.7	24.5	25.2	25.5	26.3	26.2	26.9	27.7
	6H	23.7	24.3	24.3	25.0	25.7	27.0	27.7	27.7	28.4	29.1
	8H	23.9	24.4	24.5	25.1	25.9	27.9	28.5	28.6	29.2	29.9
	12H	24.0	24.5	24.7	25.2	26.0	28.9	29.4	29.6	30.1	30.9
12H	4H	23.2	23.9	23.9	24.6	25.3	25.5	26.2	26.2	26.9	27.7
	6H	23.9	24.5	24.6	25.2	26.0	27.1	27.7	27.8	28.3	29.1
	8H	24.2	24.7	24.9	25.4	26.2	28.0	28.5	28.7	29.2	30.0

Maximum UGR = 30.9

POLAR GRAPH



Maximum Candela = 3044.535 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.)