

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-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-4-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	9616
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	169
Total Luminaire Watts	56.9
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)	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	21099	18899	18713
55	18270	16179	16428
65	15358	13857	14641
75	12317	12105	13685
85	9035	11908	14459

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-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	3112.188	3112.188	3112.188	3112.188	3112.188
0.5	3097.429	3109.236	3111.204	3110.220	3130.882
1.0	3097.429	3110.220	3110.220	3109.236	3129.899
1.5	3094.477	3110.220	3109.236	3108.252	3130.882
2.0	3093.493	3107.268	3109.236	3107.268	3127.931
2.5	3093.493	3107.268	3106.284	3106.284	3125.963
3.0	3090.541	3104.316	3104.316	3104.316	3123.995
3.5	3088.573	3101.364	3101.364	3102.348	3122.027
4.0	3086.605	3099.397	3099.397	3098.413	3120.059
4.5	3081.686	3096.445	3097.429	3096.445	3117.107
5.0	3078.734	3093.493	3093.493	3093.493	3114.156
5.5	3074.798	3089.557	3089.557	3090.541	3110.220
6.0	3072.830	3084.638	3085.621	3085.621	3106.284
6.5	3065.943	3080.702	3081.686	3081.686	3101.364
7.0	3062.007	3075.782	3076.766	3075.782	3097.429
7.5	3058.071	3069.878	3071.846	3071.846	3092.509
8.0	3053.152	3065.943	3065.943	3065.943	3085.621
8.5	3048.232	3059.055	3061.023	3061.023	3079.718
9.0	3040.360	3054.136	3055.119	3054.136	3072.830
9.5	3035.441	3047.248	3047.248	3047.248	3068.895
10.0	3027.569	3039.376	3039.376	3041.344	3061.023
10.5	3020.682	3032.489	3033.473	3033.473	3054.136
11.0	3013.794	3025.601	3026.585	3025.601	3046.264
11.5	3004.939	3017.730	3019.698	3017.730	3039.376
12.0	2997.067	3008.875	3010.842	3010.842	3030.521
12.5	2989.196	3000.019	3002.971	3001.003	3022.650
13.0	2980.340	2992.148	2994.115	2993.132	3013.794
13.5	2971.485	2982.308	2984.276	2984.276	3005.923
14.0	2960.662	2972.469	2974.437	2974.437	2995.099
14.5	2951.806	2962.630	2964.597	2964.597	2987.228
15.0	2942.951	2952.790	2953.774	2953.774	2975.421
15.5	2932.128	2940.983	2943.935	2943.935	2963.613
16.0	2920.320	2930.160	2933.111	2933.111	2953.774
16.5	2910.481	2918.352	2921.304	2922.288	2942.951
17.0	2896.706	2905.561	2909.497	2910.481	2931.144
17.5	2884.899	2893.754	2897.690	2898.674	2919.336
18.0	2874.075	2881.947	2884.899	2887.850	2908.513
18.5	2861.284	2870.140	2873.091	2875.059	2895.722
19.0	2848.493	2855.381	2860.300	2862.268	2881.947
19.5	2833.734	2843.573	2847.509	2851.445	2869.156
20.0	2817.991	2828.814	2833.734	2836.686	2855.381
20.5	2802.248	2816.023	2819.959	2823.895	2842.589
21.0	2789.457	2800.280	2803.232	2811.103	2828.814
21.5	2774.698	2785.521	2790.441	2794.377	2814.055
22.0	2758.955	2771.746	2776.666	2780.601	2801.264
22.5	2745.180	2754.035	2760.923	2766.826	2786.505
23.0	2728.453	2738.292	2745.180	2751.083	2770.762
23.5	2710.742	2721.565	2730.421	2736.324	2756.003
24.0	2693.031	2704.838	2713.694	2720.581	2740.260
24.5	2678.272	2688.112	2697.951	2703.855	2722.549
25.0	2661.545	2671.385	2682.208	2688.112	2706.806
25.5	2642.851	2654.658	2663.513	2672.369	2688.112
26.0	2625.140	2635.963	2647.770	2655.642	2673.353
26.5	2606.445	2617.268	2631.043	2637.931	2656.626

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	2587.750	2597.589	2614.316	2623.172	2639.899
27.5	2566.104	2578.895	2595.622	2603.493	2623.172
28.0	2550.361	2560.200	2576.927	2585.782	2604.477
28.5	2529.698	2541.505	2558.232	2567.087	2585.782
29.0	2510.019	2521.826	2538.553	2549.377	2568.071
29.5	2489.357	2501.164	2518.875	2529.698	2548.393
30.0	2468.694	2481.485	2499.196	2512.971	2531.666
30.5	2447.047	2459.839	2480.501	2494.276	2511.987
31.0	2426.385	2439.176	2459.839	2474.598	2491.324
31.5	2404.738	2419.497	2440.160	2455.903	2473.614
32.0	2384.076	2396.867	2420.481	2435.240	2452.951
32.5	2361.445	2375.220	2399.818	2415.561	2433.272
33.0	2339.798	2354.557	2377.188	2395.883	2413.594
33.5	2319.136	2332.911	2357.509	2374.236	2392.931
34.0	2294.537	2310.280	2335.863	2354.557	2374.236
34.5	2271.907	2288.634	2315.200	2332.911	2352.590
35.0	2251.244	2265.019	2294.537	2313.232	2331.927
35.5	2224.678	2243.373	2271.907	2291.586	2310.280
36.0	2204.015	2219.758	2250.260	2269.939	2289.618
36.5	2178.433	2196.144	2227.630	2249.276	2269.939
37.0	2154.819	2173.513	2204.999	2226.646	2249.276
37.5	2130.220	2148.915	2183.353	2206.967	2226.646
38.0	2105.622	2125.300	2159.738	2184.337	2203.031
38.5	2080.039	2100.702	2137.108	2163.674	2181.385
39.0	2057.409	2076.104	2113.493	2141.043	2163.674
39.5	2031.827	2053.473	2090.863	2118.413	2140.060
40.0	2004.276	2027.891	2067.248	2097.750	2117.429
40.5	1978.694	2003.293	2044.618	2076.104	2095.782
41.0	1955.080	1978.694	2021.003	2053.473	2073.152
41.5	1929.497	1954.096	1997.389	2030.843	2051.505
42.0	1903.915	1929.497	1973.774	2009.196	2029.859
42.5	1879.317	1903.915	1949.176	1986.566	2007.228
43.0	1851.766	1879.317	1926.546	1964.919	1985.582
43.5	1828.152	1853.734	1901.947	1942.289	1963.935
44.0	1801.586	1828.152	1877.349	1920.642	1941.305
44.5	1776.987	1803.554	1852.750	1897.027	1918.674
45.0	1751.405	1777.971	1829.136	1876.365	1898.011
45.5	1725.823	1753.373	1805.521	1854.718	1876.365
46.0	1700.240	1727.791	1779.939	1831.104	1853.734
46.5	1674.658	1702.208	1758.293	1811.425	1832.088
47.0	1648.092	1677.610	1733.694	1787.811	1810.441
47.5	1622.510	1652.028	1709.096	1765.180	1787.811
48.0	1597.911	1626.445	1684.497	1744.517	1765.180
48.5	1570.361	1601.847	1661.867	1720.903	1743.534
49.0	1545.763	1575.281	1636.285	1698.273	1720.903
49.5	1520.180	1550.682	1612.670	1676.626	1699.256
50.0	1493.614	1525.100	1589.056	1653.011	1676.626
50.5	1469.016	1500.502	1564.457	1633.333	1655.963
51.0	1443.433	1474.919	1542.811	1610.702	1634.317
51.5	1418.835	1449.337	1518.212	1589.056	1612.670
52.0	1392.269	1424.738	1494.598	1566.425	1591.024
52.5	1366.686	1399.156	1471.967	1543.795	1570.361
53.0	1340.120	1374.558	1448.353	1524.116	1547.730
53.5	1314.538	1349.959	1425.722	1501.485	1527.068
54.0	1289.939	1325.361	1403.092	1479.839	1506.405
54.5	1266.325	1299.779	1380.461	1460.160	1485.742

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1241.726	1276.164	1357.831	1437.530	1467.048
55.5	1221.064	1251.566	1335.200	1416.867	1444.417
56.0	1197.449	1229.919	1313.554	1396.204	1423.755
56.5	1172.851	1207.289	1290.923	1375.542	1404.076
57.0	1149.237	1184.658	1269.277	1354.879	1383.413
57.5	1124.638	1161.044	1250.582	1335.200	1360.783
58.0	1100.040	1137.429	1228.935	1313.554	1344.056
58.5	1076.425	1113.815	1207.289	1294.859	1324.377
59.0	1052.811	1090.200	1186.626	1278.132	1303.714
59.5	1029.196	1067.570	1167.931	1257.469	1287.971
60.0	1005.582	1043.955	1147.269	1237.791	1268.293
60.5	982.460	1021.325	1126.606	1219.096	1248.614
61.0	959.239	998.694	1105.943	1200.401	1229.919
61.5	936.215	976.261	1085.281	1181.706	1212.208
62.0	913.584	954.024	1065.602	1163.996	1193.514
62.5	891.249	931.984	1044.939	1146.285	1175.803
63.0	868.618	910.042	1025.261	1127.590	1160.060
63.5	846.184	888.395	1006.566	1109.879	1142.349
64.0	824.341	867.044	986.887	1091.184	1124.638
64.5	802.596	846.184	968.192	1073.474	1106.927
65.0	781.048	825.227	949.399	1055.763	1090.200
65.5	759.795	804.761	930.803	1038.052	1072.490
66.0	738.247	784.295	912.403	1020.341	1055.763
66.5	717.191	764.321	894.102	1003.614	1039.036
67.0	696.626	744.544	875.899	985.903	1022.309
67.5	675.964	725.062	858.090	969.373	1005.582
68.0	655.596	706.072	840.379	952.646	989.839
68.5	635.524	687.180	823.062	936.411	973.407
69.0	615.550	668.486	805.941	920.078	957.861
69.5	595.871	650.185	789.018	904.237	942.413
70.0	576.291	632.179	772.389	888.690	927.064
70.5	557.203	614.369	755.761	873.144	911.911
71.0	538.311	596.757	739.427	857.795	896.956
71.5	519.616	579.538	723.488	842.839	882.196
72.0	501.315	562.221	707.548	827.982	867.831
72.5	482.916	545.494	692.002	813.419	853.564
73.0	465.008	528.865	676.554	799.054	839.199
73.5	447.592	512.434	661.598	784.787	825.227
74.0	430.373	496.494	646.446	771.012	811.156
74.5	413.450	480.456	631.982	757.335	797.873
75.0	396.624	464.811	617.616	743.954	784.984
75.5	380.094	449.560	603.448	730.670	771.897
76.0	364.056	434.604	589.672	717.486	759.106
76.5	348.116	419.845	575.996	704.596	746.315
77.0	332.373	405.185	562.516	691.805	733.917
77.5	316.926	390.918	549.233	679.407	721.618
78.0	301.675	376.946	536.343	667.207	709.516
78.5	286.719	363.171	523.552	654.907	697.512
79.0	272.058	349.789	511.154	643.002	685.705
79.5	257.496	336.506	498.954	631.391	673.897
80.0	243.130	323.420	486.753	619.879	662.681
80.5	229.159	310.727	474.946	608.269	651.267
81.0	215.580	298.231	463.630	597.052	640.148
81.5	201.805	286.030	452.315	585.934	629.030
82.0	188.522	274.124	441.295	575.209	618.305
82.5	175.534	262.416	430.472	564.484	607.777

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	162.743	251.002	419.845	554.152	597.544
83.5	150.050	239.883	409.711	543.624	586.917
84.0	137.653	229.060	399.871	533.687	576.783
84.5	125.353	218.630	390.229	523.847	566.845
85.0	113.546	208.496	380.783	514.106	556.907
85.5	101.739	198.853	371.534	504.660	547.265
86.0	90.128	189.604	362.482	495.411	537.721
86.5	78.616	180.946	353.922	486.162	528.177
87.0	67.301	172.582	345.263	477.405	518.829
87.5	55.986	164.809	337.096	468.550	509.875
88.0	44.769	157.233	329.028	459.990	500.823
88.5	33.454	150.149	321.255	451.528	492.066
89.0	23.122	143.458	313.875	443.361	483.407
89.5	14.661	137.259	306.693	435.490	474.946
90.0	8.757	131.749	300.100	428.012	467.173
90.5	6.199	126.928	294.000	420.534	458.907
91.0	6.592	122.500	287.801	412.958	451.036
91.5	7.871	118.269	281.602	405.775	443.165
92.0	9.347	114.727	275.699	398.494	435.490
92.5	10.922	111.677	270.681	391.508	427.914
93.0	12.496	109.020	265.466	384.916	420.632
93.5	14.169	106.954	260.546	378.422	413.745
94.0	15.940	105.183	255.922	372.321	407.054
94.5	17.612	103.904	251.592	366.122	400.167
95.0	19.285	102.920	247.558	360.022	393.574
95.5	20.859	102.231	243.819	354.217	387.080
96.0	22.139	101.936	240.572	348.608	380.685
96.5	23.418	101.936	237.325	343.393	374.781
97.0	24.598	102.034	234.373	338.375	368.877
97.5	25.878	102.428	231.618	333.554	363.466
98.0	26.960	102.821	229.159	328.831	357.956
98.5	28.239	103.313	227.092	324.305	352.839
99.0	29.518	103.904	224.928	320.074	347.821
99.5	30.896	104.592	223.058	316.040	342.901
100.0	32.076	105.281	221.582	312.301	338.474
100.5	33.454	106.068	220.106	308.661	333.948
101.0	34.635	106.855	219.024	305.217	329.914
101.5	35.815	107.643	217.942	301.970	325.781
102.0	36.898	108.430	217.155	298.920	322.140
102.5	37.980	109.217	216.367	296.066	318.500
103.0	39.062	110.102	215.777	293.213	315.253
103.5	40.243	110.988	215.285	290.753	311.908
104.0	41.522	111.775	214.793	288.490	308.857
104.5	42.801	112.661	214.498	286.325	306.004
105.0	43.982	113.546	214.203	284.357	303.249
105.5	45.064	114.333	213.908	282.291	300.887
106.0	46.343	115.317	213.809	280.520	298.526
106.5	47.524	116.203	213.809	278.847	296.165
107.0	48.705	117.187	213.809	277.273	294.197
107.5	49.787	117.974	213.809	276.092	292.130
108.0	51.165	118.958	213.809	274.715	290.064
108.5	52.444	119.942	213.908	273.731	288.687
109.0	53.723	120.729	214.104	272.452	287.309
109.5	55.100	121.614	214.203	271.566	285.833
110.0	56.478	122.500	214.400	270.582	284.653
110.5	57.855	123.386	214.596	269.697	283.570

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	59.233	124.271	214.695	268.910	282.389
111.5	60.610	125.058	214.793	268.319	281.406
112.0	62.086	125.944	214.990	267.729	280.225
112.5	63.562	126.829	215.187	267.040	279.142
113.0	65.137	127.715	215.482	266.548	278.651
113.5	66.612	128.502	215.482	266.056	277.962
114.0	68.187	129.289	215.679	265.663	277.273
114.5	69.663	130.175	215.875	265.171	276.683
115.0	71.237	130.863	216.072	264.875	276.191
115.5	72.811	131.749	216.072	264.580	275.699
116.0	74.287	132.536	216.367	264.187	275.108
116.5	75.665	133.323	216.564	263.793	274.912
117.0	77.239	134.209	216.761	263.793	274.420
117.5	78.715	134.898	216.958	263.400	274.124
118.0	79.994	135.586	217.155	263.203	273.731
118.5	81.470	136.275	217.253	262.908	273.632
119.0	82.749	136.964	217.450	262.612	273.042
119.5	84.126	137.456	217.647	262.317	272.944
120.0	85.406	137.948	217.548	262.120	272.452
120.5	86.685	138.538	217.647	261.727	272.353
121.0	87.964	138.932	217.843	261.432	271.960
121.5	89.341	139.424	217.745	261.038	271.763
122.0	90.620	140.014	217.745	260.841	271.468
122.5	91.900	140.604	217.843	260.448	270.779
123.0	93.179	141.195	217.745	260.054	270.681
123.5	94.359	141.687	217.548	259.759	270.090
124.0	95.343	142.080	217.548	259.464	269.992
124.5	96.327	142.474	217.548	258.972	269.598
125.0	97.311	142.966	217.351	258.480	269.205
125.5	98.295	143.261	217.155	258.185	268.713
126.0	99.181	143.655	217.056	257.594	268.319
126.5	99.968	144.147	216.859	257.201	268.024
127.0	100.853	144.343	216.663	256.709	267.630
127.5	101.542	144.639	216.367	256.217	266.942
128.0	102.428	144.639	216.269	255.626	266.548
128.5	103.116	144.835	215.875	255.134	266.155
129.0	103.805	145.032	215.482	254.642	265.663
129.5	104.396	145.327	214.793	253.855	265.072
130.0	104.888	145.524	214.104	253.363	264.482
130.5	105.379	145.721	213.317	252.773	263.793
131.0	105.675	146.016	212.530	251.887	263.104
131.5	106.068	146.311	211.743	251.100	262.416
132.0	106.462	146.606	210.857	250.608	261.825
132.5	106.659	146.705	209.873	249.624	260.940
133.0	106.954	146.803	209.480	248.739	259.857
133.5	107.052	146.705	208.889	248.050	259.365
134.0	107.151	146.508	208.496	247.263	258.677
134.5	107.446	146.114	208.004	246.377	257.398
135.0	107.741	145.819	207.414	245.197	256.414
135.5	107.643	145.032	206.922	244.410	255.626
136.0	107.839	144.934	206.233	243.426	254.642
136.5	108.036	144.639	205.741	242.343	253.659
137.0	108.135	144.147	204.954	241.458	252.576
137.5	108.233	143.655	204.265	240.277	251.592
138.0	108.430	143.359	203.281	239.293	250.412
138.5	108.430	142.966	202.002	238.211	249.526

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	108.331	142.671	200.526	236.932	248.149
139.5	108.331	142.277	198.755	235.554	247.165
140.0	108.331	141.785	196.787	234.275	245.787
140.5	108.331	141.490	195.016	232.701	244.311
141.0	108.331	141.293	193.048	231.028	243.130
141.5	108.331	140.900	191.080	229.552	241.950
142.0	108.233	140.703	189.211	227.683	240.671
142.5	108.135	140.408	187.243	226.010	239.195
143.0	108.036	140.112	185.373	224.436	237.719
143.5	108.036	139.719	183.209	222.763	236.341
144.0	108.036	139.227	181.339	221.484	234.767
144.5	108.331	138.833	179.470	220.008	233.389
145.0	108.725	138.440	177.404	218.729	231.815
145.5	109.414	137.948	175.534	217.450	230.241
146.0	110.299	137.554	173.763	216.072	228.765
146.5	111.185	137.161	172.287	214.596	227.092
147.0	112.070	136.669	170.614	213.120	225.420
147.5	112.857	136.472	169.335	211.645	223.747
148.0	113.743	136.078	167.958	209.972	221.976
148.5	114.530	135.980	166.875	208.398	220.205
149.0	115.514	135.980	165.695	206.823	218.630
149.5	116.203	136.275	164.612	205.151	216.663
150.0	116.990	136.472	163.530	203.576	214.596
150.5	117.679	136.570	162.349	201.805	212.432
151.0	118.171	136.865	160.775	200.034	209.873
151.5	118.663	136.964	159.102	198.165	207.512
152.0	119.253	137.161	157.528	196.197	205.151
152.5	119.843	137.357	156.052	194.130	202.592
153.0	120.237	137.456	154.478	191.769	200.526
153.5	120.729	137.751	152.805	189.309	198.165
154.0	121.122	137.653	151.329	186.554	196.197
154.5	121.614	137.751	150.050	183.898	194.229
155.0	121.811	137.948	148.771	180.847	192.753
155.5	122.205	138.046	147.492	177.994	191.179
156.0	122.500	138.046	146.606	174.944	189.801
156.5	122.992	138.046	145.721	171.894	188.030
157.0	123.189	138.243	144.835	169.138	186.357
157.5	123.484	138.243	144.245	166.482	184.488
158.0	123.877	138.145	143.950	163.727	182.717
158.5	123.976	138.145	143.556	161.464	180.651
159.0	124.468	137.849	143.261	159.299	178.879
159.5	124.861	137.653	142.769	157.233	176.912
160.0	125.353	137.456	142.277	155.560	174.944
160.5	125.944	137.357	141.883	153.986	173.074
161.0	126.337	137.062	141.785	152.313	171.205
161.5	126.928	136.964	141.588	150.641	169.827
162.0	127.420	136.767	141.883	149.263	168.647
162.5	127.912	136.767	142.080	147.787	167.269
163.0	128.502	136.669	142.179	146.213	166.088
163.5	128.994	136.669	142.375	144.540	164.612
164.0	129.191	136.669	142.572	142.474	163.235
164.5	129.486	136.472	142.375	140.900	161.464
165.0	129.781	136.472	142.080	139.325	159.693
165.5	130.076	136.373	141.785	138.243	157.823
166.0	130.371	136.275	141.588	137.062	154.970
166.5	130.667	136.275	141.293	136.078	153.592

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	131.060	136.275	140.998	135.193	152.510
167.5	131.257	136.275	140.408	134.406	151.428
168.0	131.552	136.275	139.916	133.618	150.542
168.5	132.143	135.881	139.227	132.930	149.460
169.0	132.438	135.980	138.735	132.241	148.377
169.5	132.930	135.685	137.948	131.454	147.197
170.0	133.126	135.586	137.259	130.470	146.114
170.5	133.422	135.390	136.373	129.388	144.934
171.0	133.618	135.193	135.390	128.207	143.458
171.5	133.914	135.193	134.504	127.124	142.277
172.0	134.406	134.996	134.012	126.042	140.506
172.5	134.701	134.996	133.422	124.861	138.538
173.0	135.094	134.799	132.930	123.779	135.193
173.5	135.586	134.898	132.733	122.697	130.175
174.0	135.980	134.898	132.634	121.811	123.976
174.5	136.275	134.898	132.438	120.926	116.596
175.0	136.865	135.193	132.339	120.237	108.233
175.5	137.062	135.291	132.241	119.942	99.476
176.0	137.456	135.488	132.241	119.647	93.769
176.5	137.554	135.586	132.143	119.647	89.735
177.0	137.948	135.783	131.946	119.351	85.602
177.5	138.046	135.783	131.651	119.253	84.717
178.0	138.440	135.980	131.552	119.155	84.914
178.5	138.637	136.078	131.651	118.958	85.110
179.0	138.833	136.078	131.552	118.663	85.209
179.5	139.030	136.078	131.454	118.564	85.307
180.0	124.665	124.665	124.665	124.665	124.665

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1126.48	N.A.	11.70
0-30	2360.36	N.A.	24.50
0-40	3791.59	N.A.	39.40
0-60	6416.78	N.A.	66.70
0-80	7994.16	N.A.	83.10
0-90	8390.87	N.A.	87.30
10-90	8097.19	N.A.	84.20
20-40	2665.11	N.A.	27.70
20-50	4074.52	N.A.	42.40
40-70	3560.31	N.A.	37.00
60-80	1577.38	N.A.	16.40
70-80	642.25	N.A.	6.70
80-90	396.71	N.A.	4.10
90-110	463.36	N.A.	4.80
90-120	658.43	N.A.	6.80
90-130	837.96	N.A.	8.70
90-150	1100.08	N.A.	11.40
90-180	1225.39	N.A.	12.70
110-180	762.04	N.A.	7.90
0-180	9616.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	293.68
10-20	832.80
20-30	1233.88
30-40	1431.23
40-50	1409.41
50-60	1215.77
60-70	935.13
70-80	642.25
80-90	396.71
90-100	254.17
100-110	209.18
110-120	195.07
120-130	179.53
130-140	150.87
140-150	111.26
150-160	72.74
160-170	40.08
170-180	12.49

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-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

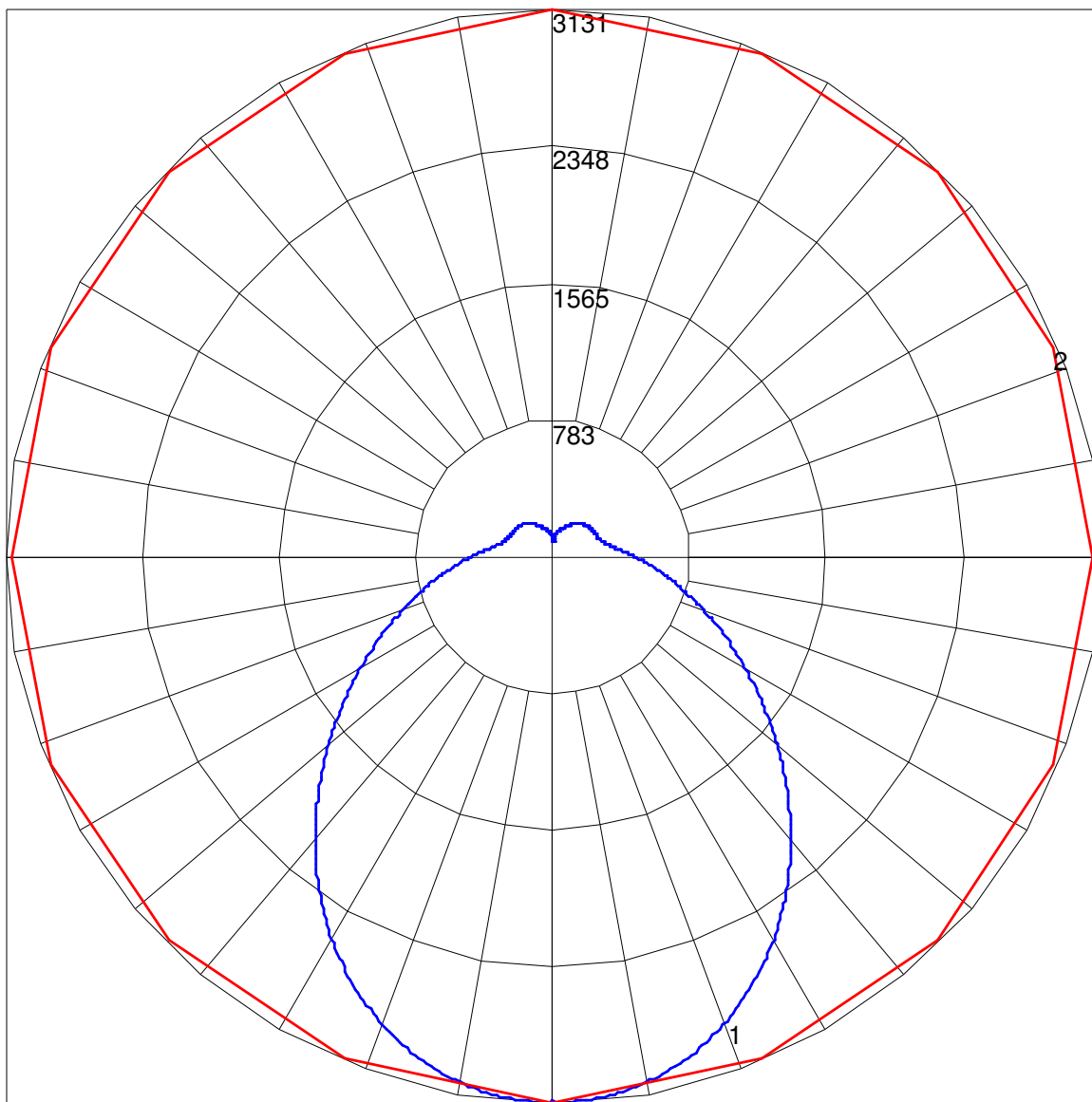
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L100-835-HE-DIM-UNV_.IES

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	19.7	21.1	20.3	21.6	22.2	21.4	22.7	21.9	23.3	23.9
	3H	21.1	22.3	21.6	22.9	23.5	23.6	24.8	24.1	25.4	26.0
	4H	21.5	22.7	22.1	23.3	23.9	24.6	25.8	25.2	26.4	27.1
	6H	21.8	22.9	22.4	23.5	24.2	25.8	26.8	26.4	27.4	28.1
	8H	21.9	22.9	22.5	23.5	24.2	26.3	27.4	27.0	28.0	28.7
	12H	21.9	22.9	22.5	23.5	24.2	27.0	28.0	27.6	28.6	29.3
4H	2H	20.4	21.6	21.0	22.2	22.9	21.8	22.9	22.4	23.5	24.2
	3H	22.0	23.0	22.6	23.6	24.3	24.2	25.2	24.8	25.8	26.5
	4H	22.6	23.5	23.2	24.1	24.9	25.5	26.3	26.1	27.0	27.7
	6H	23.0	23.8	23.7	24.5	25.2	26.8	27.6	27.4	28.2	29.0
	8H	23.1	23.9	23.8	24.5	25.3	27.5	28.2	28.1	28.9	29.6
	12H	23.2	23.9	23.9	24.6	25.3	28.3	28.9	28.9	29.6	30.4
8H	4H	23.2	23.9	23.8	24.6	25.3	25.6	26.4	26.3	27.0	27.8
	6H	23.8	24.4	24.4	25.1	25.8	27.2	27.8	27.8	28.5	29.2
	8H	24.0	24.5	24.6	25.2	26.0	28.0	28.6	28.7	29.3	30.0
	12H	24.1	24.6	24.8	25.3	26.1	29.0	29.5	29.7	30.2	31.0
12H	4H	23.3	24.0	24.0	24.7	25.4	25.7	26.3	26.3	27.0	27.8
	6H	24.0	24.6	24.7	25.3	26.1	27.2	27.8	27.9	28.4	29.2
	8H	24.3	24.8	25.0	25.5	26.3	28.1	28.6	28.8	29.3	30.1

Maximum UGR = 31.0

POLAR GRAPH



Maximum Candela = 3130.882 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.)