

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-935-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-L130-935-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	10253
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	87.9
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	11341	10114	9948
55	9866	8678	8733
65	8357	7457	7783
75	6811	6548	7275
85	5350	6515	7686

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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	3318.348	3318.348	3318.348	3318.348	3318.348
0.5	3302.611	3315.200	3317.298	3316.249	3338.281
1.0	3302.611	3316.249	3316.249	3315.200	3337.232
1.5	3299.463	3316.249	3315.200	3314.151	3338.281
2.0	3298.414	3313.102	3315.200	3313.102	3335.133
2.5	3298.414	3313.102	3312.053	3312.053	3333.035
3.0	3295.267	3309.955	3309.955	3309.955	3330.937
3.5	3293.169	3306.807	3306.807	3307.856	3328.839
4.0	3291.071	3304.709	3304.709	3303.660	3326.740
4.5	3285.825	3301.562	3302.611	3301.562	3323.593
5.0	3282.678	3298.414	3298.414	3298.414	3320.446
5.5	3278.481	3294.218	3294.218	3295.267	3316.249
6.0	3276.383	3288.972	3290.021	3290.021	3312.053
6.5	3269.039	3284.776	3285.825	3285.825	3306.807
7.0	3264.843	3279.530	3280.579	3279.530	3302.611
7.5	3260.646	3273.236	3275.334	3275.334	3297.365
8.0	3255.401	3269.039	3269.039	3269.039	3290.021
8.5	3250.155	3261.695	3263.794	3263.794	3283.727
9.0	3241.762	3256.450	3257.499	3256.450	3276.383
9.5	3236.517	3249.106	3249.106	3249.106	3272.187
10.0	3228.124	3240.713	3240.713	3242.811	3263.794
10.5	3220.780	3233.369	3234.418	3234.418	3256.450
11.0	3213.436	3226.026	3227.075	3226.026	3248.057
11.5	3203.994	3217.633	3219.731	3217.633	3240.713
12.0	3195.601	3208.191	3210.289	3210.289	3231.271
12.5	3187.208	3198.749	3201.896	3199.798	3222.878
13.0	3177.766	3190.356	3192.454	3191.405	3213.436
13.5	3168.324	3179.865	3181.963	3181.963	3205.043
14.0	3156.784	3169.373	3171.472	3171.472	3193.503
14.5	3147.342	3158.882	3160.980	3160.980	3185.110
15.0	3137.900	3148.391	3149.440	3149.440	3172.521
15.5	3126.360	3135.802	3138.949	3138.949	3159.931
16.0	3113.770	3124.261	3127.409	3127.409	3149.440
16.5	3103.279	3111.672	3114.819	3115.869	3137.900
17.0	3088.592	3098.034	3102.230	3103.279	3125.311
17.5	3076.002	3085.444	3089.641	3090.690	3112.721
18.0	3064.462	3072.855	3076.002	3079.150	3101.181
18.5	3050.823	3060.266	3063.413	3065.511	3087.542
19.0	3037.185	3044.529	3049.774	3051.873	3072.855
19.5	3021.448	3031.939	3036.136	3040.332	3059.216
20.0	3004.662	3016.203	3021.448	3024.596	3044.529
20.5	2987.877	3002.564	3006.761	3010.957	3030.890
21.0	2974.238	2985.778	2988.926	2997.319	3016.203
21.5	2958.501	2970.042	2975.287	2979.484	3000.466
22.0	2941.716	2955.354	2960.600	2964.796	2986.828
22.5	2927.028	2936.470	2943.814	2950.109	2971.091
23.0	2909.193	2919.684	2927.028	2933.323	2954.305
23.5	2890.309	2901.849	2911.291	2917.586	2938.568
24.0	2871.425	2884.014	2893.456	2900.800	2921.782
24.5	2855.688	2866.179	2876.671	2882.965	2902.898
25.0	2837.853	2848.344	2859.885	2866.179	2886.113
25.5	2817.920	2830.510	2839.952	2849.394	2866.179
26.0	2799.036	2810.576	2823.166	2831.559	2850.443
26.5	2779.103	2790.643	2805.331	2812.675	2832.608

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CANDELA TABULATION - (Cont.)

27.0	2759.170	2769.661	2787.496	2796.938	2814.773
27.5	2736.089	2749.728	2767.563	2775.956	2796.938
28.0	2719.303	2729.795	2747.630	2757.072	2777.005
28.5	2697.272	2709.861	2727.696	2737.138	2757.072
29.0	2676.290	2688.879	2706.714	2718.254	2738.188
29.5	2654.258	2666.848	2685.732	2697.272	2717.205
30.0	2632.227	2645.865	2664.750	2679.437	2699.370
30.5	2609.146	2622.785	2644.816	2659.504	2678.388
31.0	2587.115	2600.754	2622.785	2638.522	2656.357
31.5	2564.035	2579.771	2601.803	2618.589	2637.473
32.0	2542.003	2555.642	2580.820	2596.557	2615.441
32.5	2517.874	2532.561	2558.789	2575.575	2594.459
33.0	2494.793	2510.530	2534.659	2554.593	2573.477
33.5	2472.762	2487.449	2513.677	2531.512	2551.445
34.0	2446.534	2463.320	2490.597	2510.530	2531.512
34.5	2422.404	2440.239	2468.565	2487.449	2508.432
35.0	2400.373	2415.060	2446.534	2466.467	2486.400
35.5	2372.047	2391.980	2422.404	2443.386	2463.320
36.0	2350.015	2366.801	2399.324	2420.306	2441.288
36.5	2322.738	2341.622	2375.194	2398.275	2420.306
37.0	2297.560	2317.493	2351.064	2374.145	2398.275
37.5	2271.332	2291.265	2327.984	2353.163	2374.145
38.0	2245.104	2266.086	2302.805	2329.033	2348.966
38.5	2217.827	2239.858	2278.676	2307.002	2325.886
39.0	2193.697	2213.631	2253.497	2282.872	2307.002
39.5	2166.420	2189.501	2229.367	2258.742	2281.823
40.0	2137.045	2162.224	2204.188	2236.711	2257.693
40.5	2109.768	2135.996	2180.059	2213.631	2234.613
41.0	2084.589	2109.768	2154.880	2189.501	2210.483
41.5	2057.313	2083.540	2129.701	2165.371	2187.403
42.0	2030.036	2057.313	2104.523	2142.291	2164.322
42.5	2003.808	2030.036	2078.295	2118.161	2140.193
43.0	1974.433	2003.808	2054.165	2095.081	2117.112
43.5	1949.254	1976.531	2027.937	2070.951	2094.032
44.0	1920.928	1949.254	2001.709	2047.871	2069.902
44.5	1894.700	1923.026	1975.482	2022.692	2045.772
45.0	1867.423	1895.749	1950.303	2000.660	2023.741
45.5	1840.146	1869.521	1925.124	1977.580	2000.660
46.0	1812.869	1842.244	1897.847	1952.401	1976.531
46.5	1785.592	1814.967	1874.767	1931.419	1953.450
47.0	1757.266	1788.739	1848.539	1906.240	1930.370
47.5	1729.989	1761.462	1822.311	1882.110	1906.240
48.0	1703.761	1734.185	1796.083	1860.079	1882.110
48.5	1674.386	1707.958	1771.954	1834.900	1859.030
49.0	1648.158	1679.631	1744.677	1810.771	1834.900
49.5	1620.881	1653.404	1719.498	1787.690	1811.820
50.0	1592.555	1626.127	1694.319	1762.512	1787.690
50.5	1566.327	1599.899	1668.091	1741.529	1765.659
51.0	1539.050	1572.622	1645.011	1717.400	1742.578
51.5	1512.822	1545.345	1618.783	1694.319	1719.498
52.0	1484.496	1519.117	1593.604	1670.189	1696.417
52.5	1457.219	1491.840	1569.475	1646.060	1674.386
53.0	1428.893	1465.612	1544.296	1625.078	1650.256
53.5	1401.616	1439.384	1520.166	1600.948	1628.225
54.0	1375.388	1413.157	1496.037	1577.867	1606.194
54.5	1350.210	1385.880	1471.907	1556.885	1584.162

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55.0	1323.982	1360.701	1447.777	1532.756	1564.229
55.5	1301.950	1334.473	1423.648	1510.724	1540.099
56.0	1276.772	1311.392	1400.567	1488.693	1518.068
56.5	1250.544	1287.263	1376.438	1466.661	1497.086
57.0	1225.365	1263.133	1353.357	1444.630	1475.054
57.5	1199.137	1237.955	1333.424	1423.648	1450.925
58.0	1172.909	1212.776	1310.343	1400.567	1433.090
58.5	1147.731	1187.597	1287.263	1380.634	1412.107
59.0	1122.552	1162.418	1265.231	1362.799	1390.076
59.5	1097.373	1138.289	1245.298	1340.768	1373.290
60.0	1072.194	1113.110	1223.267	1319.785	1352.308
60.5	1047.540	1088.980	1201.236	1299.852	1331.326
61.0	1022.781	1064.851	1179.204	1279.919	1311.392
61.5	998.232	1040.931	1157.173	1259.986	1292.508
62.0	974.102	1017.221	1136.190	1241.102	1272.575
62.5	950.287	993.721	1114.159	1222.218	1253.691
63.0	926.158	970.326	1093.177	1202.285	1236.905
63.5	902.238	947.245	1073.244	1183.401	1218.021
64.0	878.948	924.479	1052.261	1163.467	1199.137
64.5	855.762	902.238	1032.328	1144.583	1180.253
65.0	832.787	879.892	1012.290	1125.699	1162.418
65.5	810.126	858.070	992.462	1106.815	1143.534
66.0	787.150	836.249	972.843	1087.931	1125.699
66.5	764.699	814.952	953.330	1070.096	1107.864
67.0	742.773	793.865	933.921	1051.212	1090.029
67.5	720.741	773.092	914.932	1033.587	1072.194
68.0	699.025	752.844	896.048	1015.752	1055.409
68.5	677.623	732.701	877.584	998.442	1037.888
69.0	656.326	712.768	859.329	981.026	1021.312
69.5	635.343	693.255	841.285	964.136	1004.841
70.0	614.466	674.056	823.554	947.560	988.475
70.5	594.113	655.067	805.824	930.984	972.319
71.0	573.970	636.288	788.409	914.618	956.372
71.5	554.037	617.928	771.414	898.671	940.636
72.0	534.524	599.464	754.418	882.829	925.319
72.5	514.905	581.629	737.842	867.303	910.106
73.0	495.811	563.899	721.371	851.985	894.789
73.5	477.242	546.379	705.424	836.773	879.892
74.0	458.882	529.383	689.268	822.086	864.890
74.5	440.838	512.282	673.846	807.503	850.727
75.0	422.898	495.601	658.529	793.235	836.983
75.5	405.273	479.340	643.422	779.072	823.030
76.0	388.172	463.394	628.734	765.014	809.391
76.5	371.177	447.657	614.151	751.271	795.753
77.0	354.391	432.025	599.778	737.632	782.534
77.5	337.920	416.813	585.615	724.413	769.420
78.0	321.658	401.916	571.872	711.404	756.516
78.5	305.712	387.228	558.234	698.290	743.717
79.0	290.080	372.960	545.015	685.596	731.128
79.5	274.553	358.797	532.006	673.216	718.538
80.0	259.236	344.844	518.997	660.942	706.578
80.5	244.339	331.310	506.407	648.562	694.409
81.0	229.861	317.986	494.343	636.602	682.554
81.5	215.173	304.977	482.278	624.747	670.699
82.0	201.010	292.283	470.528	613.312	659.263
82.5	187.162	279.799	458.987	601.877	648.038

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83.0	173.523	267.629	447.657	590.861	637.127
83.5	159.990	255.774	436.851	579.635	625.796
84.0	146.771	244.234	426.360	569.039	614.991
84.5	133.657	233.113	416.079	558.548	604.395
85.0	121.068	222.307	406.007	548.162	593.799
85.5	108.478	212.026	396.145	538.091	583.517
86.0	96.099	202.164	386.494	528.229	573.341
86.5	83.824	192.932	377.366	518.367	563.164
87.0	71.759	184.015	368.134	509.030	553.198
87.5	59.695	175.727	359.426	499.588	543.651
88.0	47.735	167.648	350.824	490.461	533.999
88.5	35.670	160.095	342.536	481.438	524.662
89.0	24.654	152.961	334.667	472.731	515.430
89.5	15.632	146.351	327.009	464.338	506.407
90.0	9.337	140.476	319.980	456.365	498.119
90.5	6.609	135.336	313.475	448.391	489.307
91.0	7.029	130.615	306.866	440.313	480.914
91.5	8.393	126.104	300.256	432.655	472.521
92.0	9.967	122.327	293.962	424.891	464.338
92.5	11.645	119.074	288.611	417.442	456.260
93.0	13.324	116.242	283.051	410.413	448.496
93.5	15.107	114.039	277.805	403.489	441.152
94.0	16.996	112.150	272.875	396.985	434.018
94.5	18.779	110.786	268.258	390.375	426.675
95.0	20.563	109.737	263.957	383.871	419.646
95.5	22.241	109.003	259.970	377.681	412.721
96.0	23.605	108.688	256.508	371.701	405.902
96.5	24.969	108.688	253.046	366.141	399.608
97.0	26.228	108.793	249.899	360.790	393.313
97.5	27.592	109.213	246.961	355.650	387.543
98.0	28.746	109.632	244.339	350.614	381.668
98.5	30.110	110.157	242.136	345.788	376.212
99.0	31.473	110.786	239.827	341.277	370.862
99.5	32.942	111.521	237.834	336.975	365.616
100.0	34.201	112.255	236.260	332.989	360.895
100.5	35.670	113.094	234.687	329.107	356.069
101.0	36.929	113.934	233.533	325.435	351.768
101.5	38.188	114.773	232.379	321.973	347.362
102.0	39.342	115.612	231.539	318.721	343.480
102.5	40.496	116.452	230.700	315.678	339.598
103.0	41.650	117.396	230.071	312.636	336.136
103.5	42.909	118.340	229.546	310.013	332.569
104.0	44.273	119.179	229.022	307.600	329.317
104.5	45.636	120.124	228.707	305.292	326.274
105.0	46.895	121.068	228.392	303.194	323.337
105.5	48.049	121.907	228.077	300.991	320.819
106.0	49.413	122.956	227.972	299.102	318.301
106.5	50.672	123.900	227.972	297.319	315.783
107.0	51.931	124.949	227.972	295.640	313.685
107.5	53.085	125.789	227.972	294.381	311.482
108.0	54.554	126.838	227.972	292.913	309.279
108.5	55.918	127.887	228.077	291.864	307.810
109.0	57.282	128.726	228.287	290.500	306.341
109.5	58.750	129.670	228.392	289.555	304.768
110.0	60.219	130.615	228.602	288.506	303.509
110.5	61.688	131.559	228.812	287.562	302.355

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CANDELA TABULATION - (Cont.)

111.0	63.157	132.503	228.917	286.723	301.096
111.5	64.625	133.342	229.022	286.093	300.047
112.0	66.199	134.287	229.231	285.464	298.788
112.5	67.773	135.231	229.441	284.730	297.634
113.0	69.451	136.175	229.756	284.205	297.109
113.5	71.025	137.014	229.756	283.680	296.375
114.0	72.704	137.854	229.966	283.261	295.640
114.5	74.277	138.798	230.176	282.736	295.011
115.0	75.956	139.532	230.385	282.421	294.486
115.5	77.634	140.476	230.385	282.107	293.962
116.0	79.208	141.316	230.700	281.687	293.332
116.5	80.677	142.155	230.910	281.267	293.122
117.0	82.355	143.099	231.120	281.267	292.598
117.5	83.929	143.834	231.330	280.848	292.283
118.0	85.293	144.568	231.539	280.638	291.864
118.5	86.867	145.302	231.644	280.323	291.759
119.0	88.230	146.037	231.854	280.009	291.129
119.5	89.699	146.561	232.064	279.694	291.024
120.0	91.063	147.086	231.959	279.484	290.500
120.5	92.427	147.715	232.064	279.064	290.395
121.0	93.791	148.135	232.274	278.750	289.975
121.5	95.260	148.659	232.169	278.330	289.765
122.0	96.623	149.289	232.169	278.120	289.451
122.5	97.987	149.918	232.274	277.700	288.716
123.0	99.351	150.548	232.169	277.281	288.611
123.5	100.610	151.072	231.959	276.966	287.982
124.0	101.659	151.492	231.959	276.651	287.877
124.5	102.708	151.912	231.959	276.127	287.457
125.0	103.757	152.436	231.749	275.602	287.038
125.5	104.806	152.751	231.539	275.288	286.513
126.0	105.751	153.171	231.435	274.658	286.093
126.5	106.590	153.695	231.225	274.238	285.779
127.0	107.534	153.905	231.015	273.714	285.359
127.5	108.269	154.220	230.700	273.189	284.625
128.0	109.213	154.220	230.595	272.560	284.205
128.5	109.947	154.430	230.176	272.035	283.785
129.0	110.682	154.639	229.756	271.511	283.261
129.5	111.311	154.954	229.022	270.671	282.631
130.0	111.836	155.164	228.287	270.147	282.002
130.5	112.360	155.374	227.448	269.517	281.267
131.0	112.675	155.689	226.609	268.573	280.533
131.5	113.094	156.003	225.769	267.734	279.799
132.0	113.514	156.318	224.825	267.209	279.169
132.5	113.724	156.423	223.776	266.160	278.225
133.0	114.039	156.528	223.356	265.216	277.071
133.5	114.144	156.423	222.727	264.482	276.546
134.0	114.249	156.213	222.307	263.642	275.812
134.5	114.563	155.793	221.783	262.698	274.448
135.0	114.878	155.479	221.153	261.439	273.399
135.5	114.773	154.639	220.629	260.600	272.560
136.0	114.983	154.534	219.894	259.551	271.511
136.5	115.193	154.220	219.370	258.397	270.462
137.0	115.298	153.695	218.530	257.453	269.308
137.5	115.403	153.171	217.796	256.194	268.258
138.0	115.612	152.856	216.747	255.145	267.000
138.5	115.612	152.436	215.383	253.990	266.055

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	115.507	152.122	213.809	252.627	264.587
139.5	115.507	151.702	211.921	251.158	263.537
140.0	115.507	151.177	209.823	249.794	262.069
140.5	115.507	150.863	207.934	248.115	260.495
141.0	115.507	150.653	205.836	246.332	259.236
141.5	115.507	150.233	203.738	244.758	257.977
142.0	115.403	150.023	201.745	242.765	256.613
142.5	115.298	149.709	199.646	240.981	255.040
143.0	115.193	149.394	197.653	239.303	253.466
143.5	115.193	148.974	195.345	237.519	251.997
144.0	115.193	148.450	193.352	236.156	250.319
144.5	115.507	148.030	191.358	234.582	248.850
145.0	115.927	147.610	189.155	233.218	247.171
145.5	116.661	147.086	187.162	231.854	245.493
146.0	117.606	146.666	185.274	230.385	243.919
146.5	118.550	146.246	183.700	228.812	242.136
147.0	119.494	145.722	181.916	227.238	240.352
147.5	120.333	145.512	180.553	225.664	238.569
148.0	121.278	145.092	179.084	223.881	236.680
148.5	122.117	144.988	177.930	222.202	234.792
149.0	123.166	144.988	176.671	220.524	233.113
149.5	123.900	145.302	175.517	218.740	231.015
150.0	124.740	145.512	174.363	217.062	228.812
150.5	125.474	145.617	173.104	215.173	226.504
151.0	125.999	145.932	171.425	213.285	223.776
151.5	126.523	146.037	169.642	211.292	221.258
152.0	127.153	146.246	167.963	209.193	218.740
152.5	127.782	146.456	166.389	206.990	216.013
153.0	128.202	146.561	164.711	204.472	213.809
153.5	128.726	146.876	162.927	201.850	211.292
154.0	129.146	146.771	161.354	198.912	209.193
154.5	129.670	146.876	159.990	196.079	207.095
155.0	129.880	147.086	158.626	192.827	205.521
155.5	130.300	147.191	157.262	189.785	203.843
156.0	130.615	147.191	156.318	186.532	202.374
156.5	131.139	147.191	155.374	183.280	200.486
157.0	131.349	147.401	154.430	180.343	198.702
157.5	131.664	147.401	153.800	177.510	196.709
158.0	132.083	147.296	153.485	174.573	194.820
158.5	132.188	147.296	153.066	172.160	192.617
159.0	132.713	146.981	152.751	169.852	190.729
159.5	133.133	146.771	152.226	167.648	188.631
160.0	133.657	146.561	151.702	165.865	186.532
160.5	134.287	146.456	151.282	164.186	184.539
161.0	134.706	146.142	151.177	162.403	182.546
161.5	135.336	146.037	150.968	160.619	181.077
162.0	135.860	145.827	151.282	159.151	179.818
162.5	136.385	145.827	151.492	157.577	178.349
163.0	137.014	145.722	151.597	155.898	177.090
163.5	137.539	145.722	151.807	154.115	175.517
164.0	137.749	145.722	152.017	151.912	174.048
164.5	138.063	145.512	151.807	150.233	172.160
165.0	138.378	145.512	151.492	148.555	170.271
165.5	138.693	145.407	151.177	147.401	168.278
166.0	139.008	145.302	150.968	146.142	165.235
166.5	139.322	145.302	150.653	145.092	163.767

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	139.742	145.302	150.338	144.148	162.613
167.5	139.952	145.302	149.709	143.309	161.459
168.0	140.267	145.302	149.184	142.470	160.514
168.5	140.896	144.883	148.450	141.735	159.360
169.0	141.211	144.988	147.925	141.001	158.206
169.5	141.735	144.673	147.086	140.162	156.947
170.0	141.945	144.568	146.351	139.113	155.793
170.5	142.260	144.358	145.407	137.958	154.534
171.0	142.470	144.148	144.358	136.700	152.961
171.5	142.784	144.148	143.414	135.546	151.702
172.0	143.309	143.938	142.889	134.392	149.813
172.5	143.624	143.938	142.260	133.133	147.715
173.0	144.043	143.729	141.735	131.979	144.148
173.5	144.568	143.834	141.525	130.825	138.798
174.0	144.988	143.834	141.421	129.880	132.188
174.5	145.302	143.834	141.211	128.936	124.320
175.0	145.932	144.148	141.106	128.202	115.403
175.5	146.142	144.253	141.001	127.887	106.065
176.0	146.561	144.463	141.001	127.572	99.981
176.5	146.666	144.568	140.896	127.572	95.679
177.0	147.086	144.778	140.686	127.258	91.273
177.5	147.191	144.778	140.371	127.153	90.329
178.0	147.610	144.988	140.267	127.048	90.539
178.5	147.820	145.092	140.371	126.838	90.748
179.0	148.030	145.092	140.267	126.523	90.853
179.5	148.240	145.092	140.162	126.418	90.958
180.0	132.923	132.923	132.923	132.923	132.923

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1201.1	N.A.	11.70
0-30	2516.72	N.A.	24.50
0-40	4042.76	N.A.	39.40
0-60	6841.84	N.A.	66.70
0-80	8523.71	N.A.	83.10
0-90	8946.7	N.A.	87.30
10-90	8633.57	N.A.	84.20
20-40	2841.65	N.A.	27.70
20-50	4344.43	N.A.	42.40
40-70	3796.16	N.A.	37.00
60-80	1681.87	N.A.	16.40
70-80	684.80	N.A.	6.70
80-90	422.99	N.A.	4.10
90-110	494.05	N.A.	4.80
90-120	702.04	N.A.	6.80
90-130	893.47	N.A.	8.70
90-150	1172.96	N.A.	11.40
90-180	1306.57	N.A.	12.70
110-180	812.52	N.A.	7.90
0-180	10253.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	313.13
10-20	887.97
20-30	1315.61
30-40	1526.04
40-50	1502.78
50-60	1296.31
60-70	997.08
70-80	684.80
80-90	422.99
90-100	271.01
100-110	223.04
110-120	207.99
120-130	191.42
130-140	160.86
140-150	118.63
150-160	77.56
160-170	42.74
170-180	13.31

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-935-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-L130-935-DIM-UNV_.IES

UGR TABLE - CORRECTED

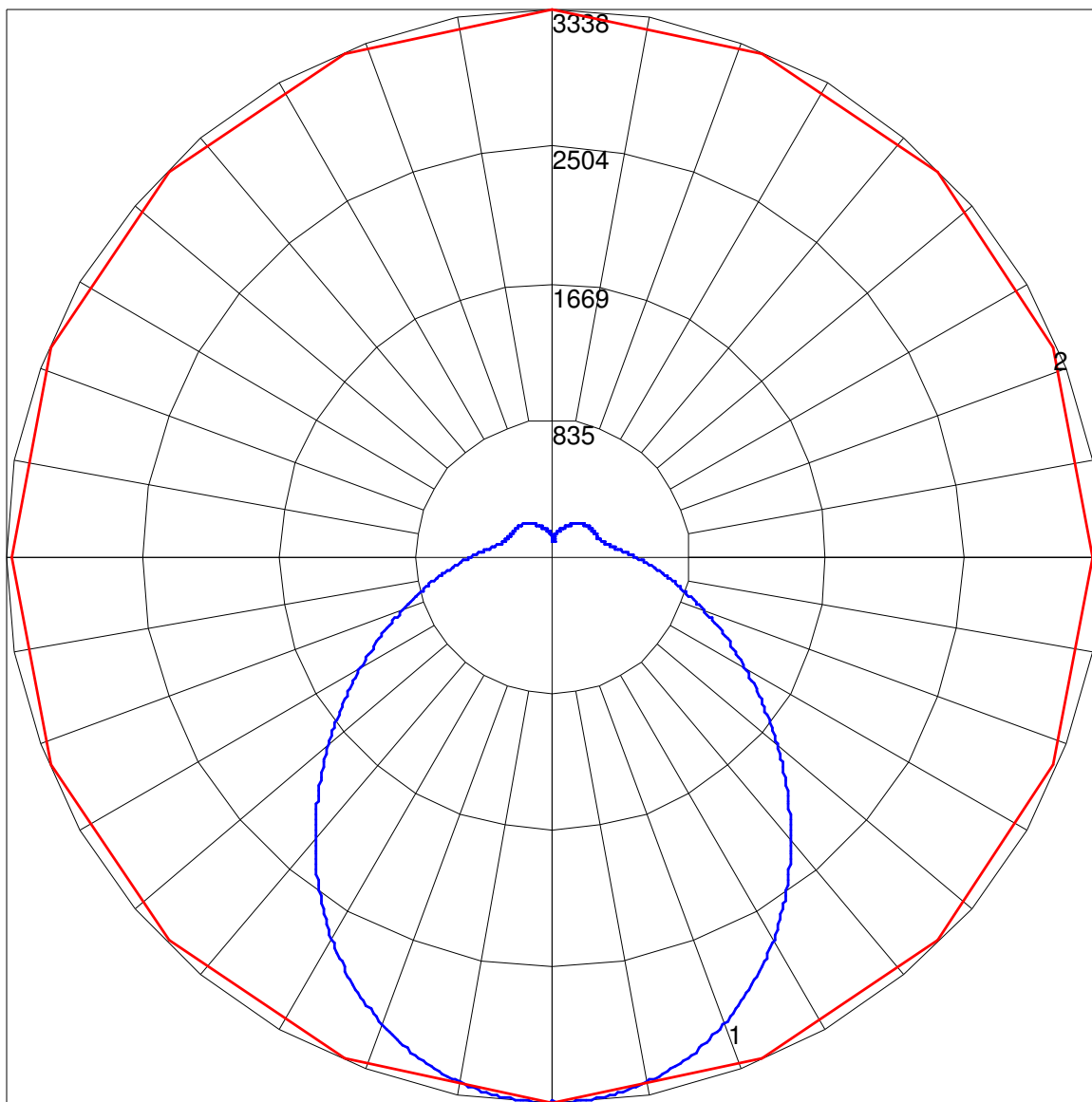
Reflectances

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	17.5	18.9	18.0	19.4	20.0	19.2	20.6	19.8	21.1	21.7
	3H	18.9	20.1	19.4	20.7	21.3	21.4	22.7	22.0	23.2	23.9
	4H	19.3	20.5	19.9	21.0	21.7	22.5	23.7	23.1	24.2	24.9
	6H	19.6	20.7	20.2	21.3	22.0	23.6	24.7	24.2	25.3	26.0
	8H	19.7	20.7	20.3	21.3	22.0	24.3	25.3	24.9	25.9	26.6
	12H	19.7	20.7	20.3	21.3	22.0	25.0	25.9	25.6	26.6	27.3
4H	2H	18.2	19.4	18.8	20.0	20.7	19.6	20.8	20.2	21.4	22.0
	3H	19.8	20.8	20.4	21.5	22.1	22.1	23.0	22.7	23.7	24.4
	4H	20.4	21.3	21.0	21.9	22.7	23.3	24.2	23.9	24.8	25.6
	6H	20.8	21.6	21.5	22.3	23.0	24.7	25.4	25.3	26.1	26.8
	8H	20.9	21.7	21.6	22.3	23.1	25.4	26.1	26.0	26.8	27.5
	12H	21.0	21.7	21.7	22.4	23.1	26.2	26.9	26.9	27.6	28.3
8H	4H	21.0	21.7	21.6	22.4	23.1	23.5	24.2	24.2	24.9	25.7
	6H	21.6	22.2	22.2	22.9	23.6	25.0	25.7	25.7	26.4	27.1
	8H	21.8	22.3	22.5	23.0	23.8	25.9	26.5	26.6	27.2	27.9
	12H	21.9	22.4	22.6	23.1	23.9	26.9	27.4	27.6	28.1	28.9
12H	4H	21.2	21.8	21.8	22.5	23.3	23.5	24.2	24.2	24.9	25.6
	6H	21.8	22.4	22.5	23.1	23.9	25.1	25.6	25.8	26.3	27.1
	8H	22.1	22.6	22.8	23.3	24.1	26.0	26.5	26.7	27.2	28.0

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 3338.281 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.)