

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-930-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-L130-930-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	10130
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
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	11205	9992	9828
55	9747	8574	8628
65	8256	7367	7690
75	6729	6469	7187
85	5285	6437	7594

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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	3278.367	3278.367	3278.367	3278.367	3278.367
0.5	3262.820	3275.258	3277.331	3276.294	3298.060
1.0	3262.820	3276.294	3276.294	3275.258	3297.024
1.5	3259.711	3276.294	3275.258	3274.221	3298.060
2.0	3258.674	3273.185	3275.258	3273.185	3294.951
2.5	3258.674	3273.185	3272.148	3272.148	3292.878
3.0	3255.565	3270.075	3270.075	3270.075	3290.805
3.5	3253.492	3266.966	3266.966	3268.002	3288.732
4.0	3251.419	3264.893	3264.893	3263.857	3286.659
4.5	3246.237	3261.784	3262.820	3261.784	3283.550
5.0	3243.127	3258.674	3258.674	3258.674	3280.440
5.5	3238.981	3254.528	3254.528	3255.565	3276.294
6.0	3236.908	3249.346	3250.382	3250.382	3272.148
6.5	3229.653	3245.200	3246.237	3246.237	3266.966
7.0	3225.507	3240.018	3241.054	3240.018	3262.820
7.5	3221.361	3233.799	3235.872	3235.872	3257.638
8.0	3216.179	3229.653	3229.653	3229.653	3250.382
8.5	3210.996	3222.398	3224.471	3224.471	3244.164
9.0	3202.705	3217.215	3218.252	3217.215	3236.908
9.5	3197.522	3209.960	3209.960	3209.960	3232.762
10.0	3189.230	3201.668	3201.668	3203.741	3224.471
10.5	3181.975	3194.413	3195.449	3195.449	3217.215
11.0	3174.720	3187.158	3188.194	3187.158	3208.923
11.5	3165.392	3178.866	3180.939	3178.866	3201.668
12.0	3157.100	3169.537	3171.610	3171.610	3192.340
12.5	3148.808	3160.209	3163.319	3161.246	3184.048
13.0	3139.480	3151.917	3153.990	3152.954	3174.720
13.5	3130.151	3141.553	3143.626	3143.626	3166.428
14.0	3118.750	3131.188	3133.261	3133.261	3155.027
14.5	3109.422	3120.823	3122.896	3122.896	3146.735
15.0	3100.094	3110.458	3111.495	3111.495	3134.297
15.5	3088.692	3098.021	3101.130	3101.130	3121.860
16.0	3076.255	3086.620	3089.729	3089.729	3111.495
16.5	3065.890	3074.182	3077.291	3078.328	3100.094
17.0	3051.379	3060.708	3064.854	3065.890	3087.656
17.5	3038.942	3048.270	3052.416	3053.452	3075.218
18.0	3027.541	3035.832	3038.942	3042.051	3063.817
18.5	3014.066	3023.395	3026.504	3028.577	3050.343
19.0	3000.592	3007.848	3013.030	3015.103	3035.832
19.5	2985.045	2995.410	2999.556	3003.702	3022.358
20.0	2968.462	2979.863	2985.045	2988.155	3007.848
20.5	2951.878	2966.389	2970.534	2974.680	2994.373
21.0	2938.404	2949.805	2952.914	2961.206	2979.863
21.5	2922.857	2934.258	2939.440	2943.586	2964.316
22.0	2906.273	2919.747	2924.930	2929.075	2950.841
22.5	2891.762	2901.091	2908.346	2914.565	2935.294
23.0	2874.142	2884.507	2891.762	2897.981	2918.711
23.5	2855.486	2866.887	2876.215	2882.434	2903.164
24.0	2836.829	2849.267	2858.595	2865.851	2886.580
24.5	2821.282	2831.647	2842.012	2848.231	2867.924
25.0	2803.662	2814.027	2825.428	2831.647	2851.340
25.5	2783.969	2796.407	2805.735	2815.063	2831.647
26.0	2765.313	2776.714	2789.152	2797.443	2816.100
26.5	2745.620	2757.021	2771.531	2778.787	2798.480

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CANDELA TABULATION - (Cont.)

27.0	2725.927	2736.291	2753.911	2763.240	2780.860
27.5	2703.124	2716.598	2734.218	2742.510	2763.240
28.0	2686.541	2696.905	2714.525	2723.854	2743.547
28.5	2664.775	2677.212	2694.832	2704.161	2723.854
29.0	2644.045	2656.483	2674.103	2685.504	2705.197
29.5	2622.279	2634.717	2653.373	2664.775	2684.468
30.0	2600.513	2613.987	2632.644	2647.155	2666.848
30.5	2577.711	2591.185	2612.951	2627.462	2646.118
31.0	2555.945	2569.419	2591.185	2606.732	2624.352
31.5	2533.142	2548.690	2570.455	2587.039	2605.696
32.0	2511.376	2524.851	2549.726	2565.273	2583.930
32.5	2487.538	2502.048	2527.960	2544.544	2563.200
33.0	2464.735	2480.282	2504.121	2523.814	2542.471
33.5	2442.969	2457.480	2483.392	2501.012	2520.705
34.0	2417.057	2433.641	2460.589	2480.282	2501.012
34.5	2393.218	2410.838	2438.823	2457.480	2478.209
35.0	2371.452	2385.963	2417.057	2436.750	2456.443
35.5	2343.468	2363.161	2393.218	2413.948	2433.641
36.0	2321.702	2338.285	2370.416	2391.145	2411.875
36.5	2294.753	2313.410	2346.577	2369.380	2391.145
37.0	2269.878	2289.571	2322.738	2345.541	2369.380
37.5	2243.966	2263.659	2299.936	2324.811	2345.541
38.0	2218.054	2238.784	2275.060	2300.972	2320.665
38.5	2191.106	2212.872	2251.222	2279.206	2297.863
39.0	2167.267	2186.960	2226.346	2255.367	2279.206
39.5	2140.319	2163.121	2202.507	2231.528	2254.331
40.0	2111.298	2136.173	2177.632	2209.763	2230.492
40.5	2084.349	2110.261	2153.793	2186.960	2207.690
41.0	2059.474	2084.349	2128.918	2163.121	2183.851
41.5	2032.525	2058.437	2104.042	2139.282	2161.048
42.0	2005.577	2032.525	2079.167	2116.480	2138.246
42.5	1979.665	2005.577	2053.255	2092.641	2114.407
43.0	1950.644	1979.665	2029.416	2069.839	2091.605
43.5	1925.769	1952.717	2003.504	2046.000	2068.802
44.0	1897.784	1925.769	1977.592	2023.197	2044.963
44.5	1871.872	1899.857	1951.681	1998.322	2021.124
45.0	1844.924	1872.908	1926.805	1976.556	1999.358
45.5	1817.975	1846.997	1901.930	1953.753	1976.556
46.0	1791.027	1820.048	1874.981	1928.878	1952.717
46.5	1764.079	1793.100	1852.179	1908.149	1929.915
47.0	1736.094	1767.188	1826.267	1883.273	1907.112
47.5	1709.146	1740.240	1800.355	1859.434	1883.273
48.0	1683.234	1713.292	1774.443	1837.668	1859.434
48.5	1654.212	1687.380	1750.605	1812.793	1836.632
49.0	1628.301	1659.395	1723.656	1788.954	1812.793
49.5	1601.352	1633.483	1698.781	1766.152	1789.991
50.0	1573.368	1606.535	1673.905	1741.276	1766.152
50.5	1547.456	1580.623	1647.994	1720.547	1744.386
51.0	1520.507	1553.675	1625.191	1696.708	1721.583
51.5	1494.595	1526.726	1599.279	1673.905	1698.781
52.0	1466.611	1500.814	1574.404	1650.067	1675.978
52.5	1439.662	1473.866	1550.565	1626.228	1654.212
53.0	1411.678	1447.954	1525.690	1605.498	1630.374
53.5	1384.729	1422.042	1501.851	1581.659	1608.608
54.0	1358.817	1396.130	1478.012	1558.857	1586.842
54.5	1333.942	1369.182	1454.173	1538.127	1565.076

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55.0	1308.030	1344.307	1430.334	1514.288	1545.383
55.5	1286.264	1318.395	1406.495	1492.523	1521.544
56.0	1261.389	1295.592	1383.693	1470.757	1499.778
56.5	1235.477	1271.754	1359.854	1448.991	1479.048
57.0	1210.602	1247.915	1337.051	1427.225	1457.282
57.5	1184.690	1223.039	1317.358	1406.495	1433.444
58.0	1158.778	1198.164	1294.556	1383.693	1415.823
58.5	1133.903	1173.289	1271.754	1364.000	1395.094
59.0	1109.027	1148.413	1249.988	1346.380	1373.328
59.5	1084.152	1124.574	1230.295	1324.614	1356.744
60.0	1059.276	1099.699	1208.529	1303.884	1336.015
60.5	1034.919	1075.860	1186.763	1284.191	1315.285
61.0	1010.458	1052.021	1164.997	1264.498	1295.592
61.5	986.205	1028.389	1143.231	1244.805	1276.936
62.0	962.366	1004.965	1122.501	1226.149	1257.243
62.5	938.838	981.748	1100.735	1207.492	1238.586
63.0	914.999	958.635	1080.006	1187.799	1222.003
63.5	891.368	935.832	1060.313	1169.143	1203.346
64.0	868.358	913.341	1039.583	1149.450	1184.690
64.5	845.452	891.368	1019.890	1130.793	1166.033
65.0	822.753	869.291	1000.094	1112.137	1148.413
65.5	800.365	847.732	980.504	1093.480	1129.757
66.0	777.666	826.173	961.122	1074.824	1112.137
66.5	755.486	805.133	941.844	1057.203	1094.517
67.0	733.824	784.300	922.669	1038.547	1076.896
67.5	712.058	763.778	903.909	1021.134	1059.276
68.0	690.603	743.774	885.252	1003.514	1042.693
68.5	669.459	723.873	867.010	986.412	1025.384
69.0	648.418	704.180	848.976	969.207	1009.007
69.5	627.689	684.902	831.148	952.520	992.735
70.0	607.063	665.935	813.632	936.143	976.566
70.5	586.955	647.174	796.116	919.767	960.604
71.0	567.055	628.621	778.910	903.598	944.850
71.5	547.362	610.483	762.119	887.844	929.303
72.0	528.083	592.241	745.328	872.193	914.170
72.5	508.701	574.621	728.952	856.853	899.141
73.0	489.838	557.105	712.680	841.721	884.009
73.5	471.492	539.796	696.925	826.692	869.291
74.0	453.354	523.005	680.963	812.181	854.469
74.5	435.526	506.110	665.727	797.774	840.477
75.0	417.803	489.630	650.595	783.678	826.899
75.5	400.390	473.565	635.669	769.686	813.114
76.0	383.495	457.811	621.159	755.797	799.640
76.5	366.704	442.263	606.752	742.219	786.166
77.0	350.121	426.820	592.552	728.745	773.106
77.5	333.848	411.791	578.560	715.685	760.150
78.0	317.783	397.073	564.982	702.833	747.401
78.5	302.029	382.563	551.508	689.877	734.756
79.0	286.585	368.467	538.448	677.336	722.319
79.5	271.245	354.474	525.596	665.105	709.881
80.0	256.113	340.689	512.744	652.979	698.065
80.5	241.395	327.318	500.306	640.748	686.042
81.0	227.091	314.155	488.387	628.932	674.330
81.5	212.581	301.303	476.467	617.220	662.618
82.0	198.588	288.762	464.859	605.923	651.320
82.5	184.907	276.428	453.457	594.625	640.230

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83.0	171.433	264.405	442.263	583.742	629.451
83.5	158.062	252.692	431.588	572.652	618.257
84.0	145.003	241.291	421.223	562.183	607.581
84.5	132.047	230.305	411.066	551.819	597.113
85.0	119.609	219.629	401.115	541.558	586.644
85.5	107.171	209.471	391.373	531.608	576.487
86.0	94.941	199.729	381.837	521.865	566.433
86.5	82.814	190.608	372.820	512.122	556.379
87.0	70.895	181.798	363.699	502.897	546.533
87.5	58.975	173.609	355.096	493.569	537.101
88.0	47.160	165.629	346.597	484.552	527.565
88.5	35.240	158.166	338.409	475.638	518.341
89.0	24.357	151.118	330.635	467.035	509.220
89.5	15.443	144.588	323.069	458.743	500.306
90.0	9.225	138.784	316.125	450.866	492.118
90.5	6.530	133.705	309.698	442.989	483.411
91.0	6.944	129.041	303.169	435.008	475.120
91.5	8.292	124.584	296.639	427.442	466.828
92.0	9.847	120.853	290.420	419.772	458.743
92.5	11.505	117.640	285.134	412.413	450.763
93.0	13.163	114.841	279.641	405.469	443.093
93.5	14.925	112.665	274.458	398.628	435.837
94.0	16.791	110.799	269.587	392.202	428.789
94.5	18.553	109.452	265.026	385.672	421.534
95.0	20.315	108.415	260.777	379.246	414.590
95.5	21.973	107.690	256.838	373.131	407.749
96.0	23.321	107.379	253.418	367.223	401.012
96.5	24.668	107.379	249.998	361.729	394.793
97.0	25.912	107.482	246.888	356.443	388.574
97.5	27.259	107.897	243.986	351.365	382.873
98.0	28.399	108.312	241.395	346.390	377.069
98.5	29.747	108.830	239.218	341.622	371.680
99.0	31.094	109.452	236.938	337.165	366.394
99.5	32.545	110.177	234.969	332.915	361.211
100.0	33.789	110.903	233.414	328.977	356.547
100.5	35.240	111.732	231.859	325.142	351.779
101.0	36.484	112.561	230.719	321.514	347.530
101.5	37.728	113.390	229.579	318.094	343.177
102.0	38.868	114.219	228.750	314.881	339.342
102.5	40.008	115.049	227.921	311.875	335.507
103.0	41.148	115.981	227.299	308.869	332.086
103.5	42.392	116.914	226.781	306.278	328.562
104.0	43.739	117.743	226.262	303.894	325.349
104.5	45.087	118.676	225.951	301.614	322.343
105.0	46.330	119.609	225.640	299.541	319.441
105.5	47.471	120.438	225.329	297.364	316.954
106.0	48.818	121.475	225.226	295.499	314.466
106.5	50.062	122.408	225.226	293.737	311.979
107.0	51.305	123.444	225.226	292.078	309.906
107.5	52.446	124.273	225.226	290.835	307.729
108.0	53.897	125.310	225.226	289.384	305.553
108.5	55.244	126.346	225.329	288.347	304.101
109.0	56.591	127.175	225.537	287.000	302.650
109.5	58.043	128.108	225.640	286.067	301.096
110.0	59.494	129.041	225.848	285.030	299.852
110.5	60.945	129.974	226.055	284.098	298.712

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CANDELA TABULATION - (Cont.)

111.0	62.396	130.907	226.159	283.268	297.468
111.5	63.847	131.736	226.262	282.646	296.432
112.0	65.402	132.669	226.470	282.025	295.188
112.5	66.956	133.601	226.677	281.299	294.048
113.0	68.615	134.534	226.988	280.781	293.529
113.5	70.169	135.364	226.988	280.263	292.804
114.0	71.828	136.193	227.195	279.848	292.078
114.5	73.382	137.126	227.402	279.330	291.456
115.0	75.041	137.851	227.610	279.019	290.938
115.5	76.699	138.784	227.610	278.708	290.420
116.0	78.254	139.613	227.921	278.293	289.798
116.5	79.705	140.442	228.128	277.879	289.591
117.0	81.363	141.375	228.335	277.879	289.073
117.5	82.918	142.101	228.543	277.464	288.762
118.0	84.265	142.826	228.750	277.257	288.347
118.5	85.820	143.552	228.853	276.946	288.243
119.0	87.167	144.277	229.061	276.635	287.622
119.5	88.619	144.795	229.268	276.324	287.518
120.0	89.966	145.314	229.164	276.117	287.000
120.5	91.313	145.936	229.268	275.702	286.896
121.0	92.661	146.350	229.475	275.391	286.481
121.5	94.112	146.868	229.372	274.977	286.274
122.0	95.459	147.490	229.372	274.769	285.963
122.5	96.807	148.112	229.475	274.355	285.238
123.0	98.154	148.734	229.372	273.940	285.134
123.5	99.398	149.252	229.164	273.629	284.512
124.0	100.434	149.667	229.164	273.318	284.408
124.5	101.471	150.081	229.164	272.800	283.994
125.0	102.507	150.600	228.957	272.282	283.579
125.5	103.544	150.911	228.750	271.971	283.061
126.0	104.477	151.325	228.646	271.349	282.646
126.5	105.306	151.843	228.439	270.934	282.336
127.0	106.239	152.051	228.232	270.416	281.921
127.5	106.964	152.362	227.921	269.898	281.195
128.0	107.897	152.362	227.817	269.276	280.781
128.5	108.622	152.569	227.402	268.758	280.366
129.0	109.348	152.776	226.988	268.239	279.848
129.5	109.970	153.087	226.262	267.410	279.226
130.0	110.488	153.295	225.537	266.892	278.604
130.5	111.006	153.502	224.708	266.270	277.879
131.0	111.317	153.813	223.878	265.337	277.153
131.5	111.732	154.124	223.049	264.508	276.428
132.0	112.146	154.435	222.116	263.990	275.806
132.5	112.354	154.538	221.080	262.953	274.873
133.0	112.665	154.642	220.665	262.021	273.733
133.5	112.768	154.538	220.043	261.295	273.215
134.0	112.872	154.331	219.629	260.466	272.489
134.5	113.183	153.916	219.111	259.533	271.142
135.0	113.494	153.605	218.489	258.289	270.105
135.5	113.390	152.776	217.970	257.460	269.276
136.0	113.598	152.673	217.245	256.424	268.239
136.5	113.805	152.362	216.727	255.284	267.203
137.0	113.908	151.843	215.898	254.351	266.063
137.5	114.012	151.325	215.172	253.107	265.026
138.0	114.219	151.014	214.136	252.070	263.783
138.5	114.219	150.600	212.788	250.930	262.850

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	114.116	150.289	211.233	249.583	261.399
139.5	114.116	149.874	209.368	248.132	260.362
140.0	114.116	149.356	207.295	246.784	258.911
140.5	114.116	149.045	205.429	245.126	257.356
141.0	114.116	148.838	203.356	243.364	256.113
141.5	114.116	148.423	201.283	241.809	254.869
142.0	114.012	148.216	199.314	239.840	253.522
142.5	113.908	147.905	197.241	238.078	251.967
143.0	113.805	147.594	195.272	236.420	250.412
143.5	113.805	147.179	192.991	234.658	248.961
144.0	113.805	146.661	191.022	233.310	247.303
144.5	114.116	146.246	189.053	231.756	245.852
145.0	114.530	145.832	186.876	230.408	244.193
145.5	115.256	145.314	184.907	229.061	242.535
146.0	116.189	144.899	183.041	227.610	240.980
146.5	117.122	144.484	181.487	226.055	239.218
147.0	118.054	143.966	179.725	224.500	237.456
147.5	118.884	143.759	178.377	222.946	235.694
148.0	119.816	143.344	176.926	221.184	233.829
148.5	120.646	143.241	175.786	219.525	231.963
149.0	121.682	143.241	174.542	217.867	230.305
149.5	122.408	143.552	173.402	216.105	228.232
150.0	123.237	143.759	172.262	214.446	226.055
150.5	123.962	143.863	171.018	212.581	223.775
151.0	124.481	144.174	169.360	210.715	221.080
151.5	124.999	144.277	167.598	208.746	218.592
152.0	125.621	144.484	165.939	206.673	216.105
152.5	126.243	144.692	164.385	204.496	213.410
153.0	126.657	144.795	162.726	202.009	211.233
153.5	127.175	145.106	160.964	199.418	208.746
154.0	127.590	145.003	159.410	196.515	206.673
154.5	128.108	145.106	158.062	193.717	204.600
155.0	128.315	145.314	156.715	190.504	203.045
155.5	128.730	145.417	155.367	187.498	201.387
156.0	129.041	145.417	154.435	184.285	199.936
156.5	129.559	145.417	153.502	181.072	198.070
157.0	129.767	145.625	152.569	178.170	196.308
157.5	130.077	145.625	151.947	175.371	194.339
158.0	130.492	145.521	151.636	172.469	192.473
158.5	130.596	145.521	151.222	170.085	190.297
159.0	131.114	145.210	150.911	167.805	188.431
159.5	131.529	145.003	150.392	165.629	186.358
160.0	132.047	144.795	149.874	163.867	184.285
160.5	132.669	144.692	149.460	162.208	182.316
161.0	133.083	144.381	149.356	160.446	180.346
161.5	133.705	144.277	149.149	158.684	178.895
162.0	134.223	144.070	149.460	157.233	177.652
162.5	134.742	144.070	149.667	155.678	176.201
163.0	135.364	143.966	149.770	154.020	174.957
163.5	135.882	143.966	149.978	152.258	173.402
164.0	136.089	143.966	150.185	150.081	171.951
164.5	136.400	143.759	149.978	148.423	170.085
165.0	136.711	143.759	149.667	146.765	168.220
165.5	137.022	143.655	149.356	145.625	166.250
166.0	137.333	143.552	149.149	144.381	163.245
166.5	137.644	143.552	148.838	143.344	161.794

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	138.058	143.552	148.527	142.412	160.653
167.5	138.266	143.552	147.905	141.582	159.513
168.0	138.577	143.552	147.387	140.753	158.581
168.5	139.198	143.137	146.661	140.028	157.440
169.0	139.509	143.241	146.143	139.302	156.300
169.5	140.028	142.930	145.314	138.473	155.057
170.0	140.235	142.826	144.588	137.436	153.916
170.5	140.546	142.619	143.655	136.296	152.673
171.0	140.753	142.412	142.619	135.053	151.118
171.5	141.064	142.412	141.686	133.912	149.874
172.0	141.582	142.204	141.168	132.772	148.008
172.5	141.893	142.204	140.546	131.529	145.936
173.0	142.308	141.997	140.028	130.388	142.412
173.5	142.826	142.101	139.820	129.248	137.126
174.0	143.241	142.101	139.717	128.315	130.596
174.5	143.552	142.101	139.509	127.383	122.822
175.0	144.174	142.412	139.406	126.657	114.012
175.5	144.381	142.515	139.302	126.346	104.788
176.0	144.795	142.722	139.302	126.035	98.776
176.5	144.899	142.826	139.198	126.035	94.526
177.0	145.314	143.033	138.991	125.724	90.173
177.5	145.417	143.033	138.680	125.621	89.240
178.0	145.832	143.241	138.577	125.517	89.448
178.5	146.039	143.344	138.680	125.310	89.655
179.0	146.246	143.344	138.577	124.999	89.759
179.5	146.454	143.344	138.473	124.895	89.862
180.0	131.321	131.321	131.321	131.321	131.321

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-930-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1186.63	N.A.	11.70
0-30	2486.4	N.A.	24.50
0-40	3994.05	N.A.	39.40
0-60	6759.41	N.A.	66.70
0-80	8421.02	N.A.	83.10
0-90	8838.91	N.A.	87.30
10-90	8529.55	N.A.	84.20
20-40	2807.42	N.A.	27.70
20-50	4292.09	N.A.	42.40
40-70	3750.42	N.A.	37.00
60-80	1661.61	N.A.	16.40
70-80	676.55	N.A.	6.70
80-90	417.89	N.A.	4.10
90-110	488.10	N.A.	4.80
90-120	693.58	N.A.	6.80
90-130	882.70	N.A.	8.70
90-150	1158.82	N.A.	11.40
90-180	1290.83	N.A.	12.70
110-180	802.73	N.A.	7.90
0-180	10129.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	309.36
10-20	877.27
20-30	1299.76
30-40	1507.65
40-50	1484.67
50-60	1280.69
60-70	985.06
70-80	676.55
80-90	417.89
90-100	267.74
100-110	220.35
110-120	205.48
120-130	189.12
130-140	158.92
140-150	117.20
150-160	76.63
160-170	42.22
170-180	13.15

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-930-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-L130-930-DIM-UNV_.IES

UGR TABLE - CORRECTED

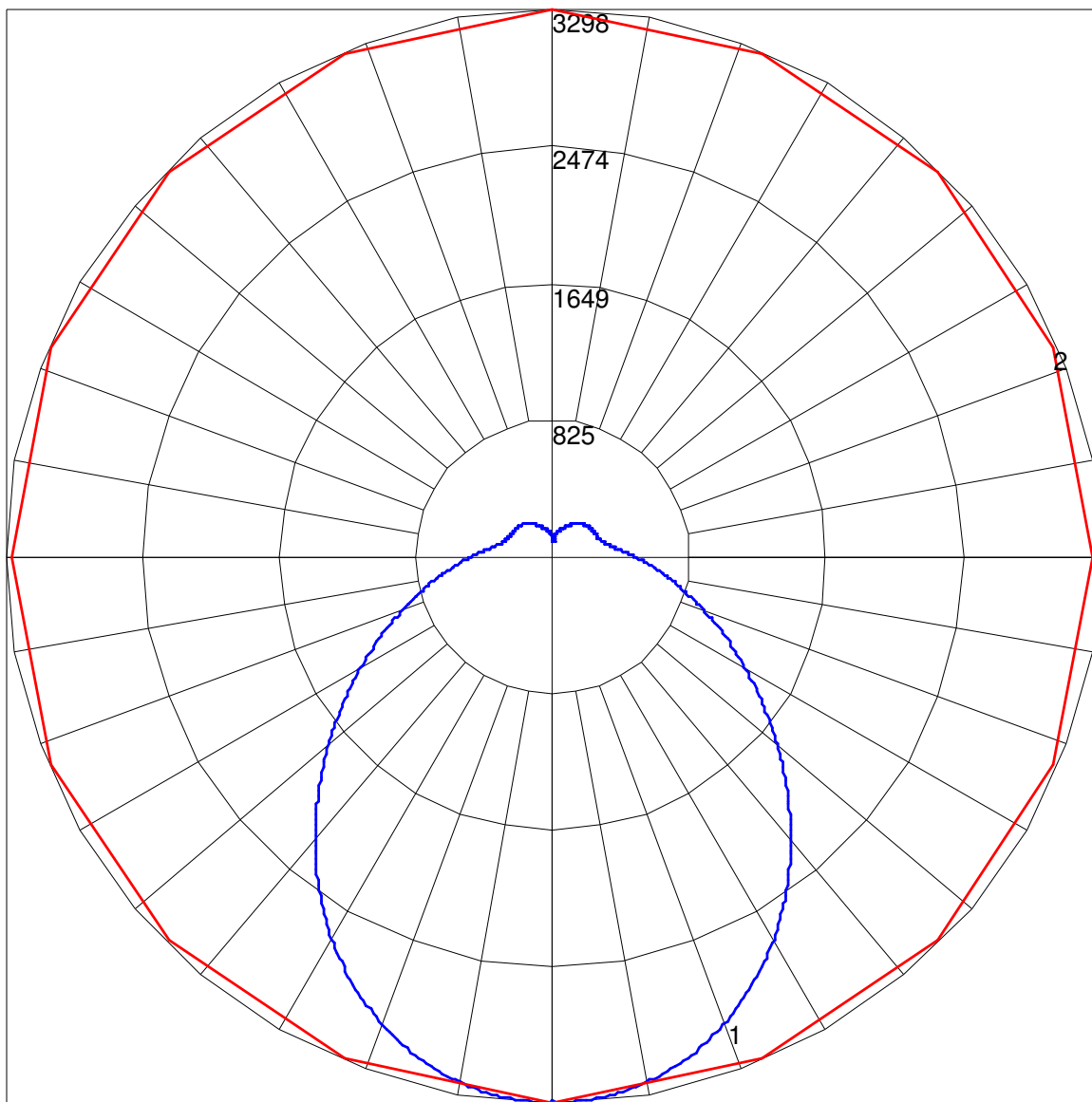
Reflectances

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	17.4	18.8	17.9	19.3	19.9	19.1	20.5	19.7	21.0	21.6
	3H	18.8	20.0	19.3	20.6	21.2	21.3	22.6	21.9	23.1	23.8
	4H	19.2	20.4	19.8	20.9	21.6	22.4	23.6	23.0	24.1	24.8
	6H	19.5	20.6	20.1	21.2	21.9	23.5	24.6	24.1	25.2	25.9
	8H	19.6	20.6	20.2	21.2	21.9	24.2	25.2	24.8	25.8	26.5
	12H	19.6	20.6	20.2	21.2	21.9	24.9	25.8	25.5	26.5	27.2
4H	2H	18.1	19.3	18.7	19.9	20.6	19.5	20.7	20.1	21.3	21.9
	3H	19.7	20.7	20.3	21.4	22.0	22.0	22.9	22.6	23.6	24.3
	4H	20.3	21.2	20.9	21.8	22.6	23.2	24.1	23.8	24.7	25.5
	6H	20.7	21.5	21.4	22.2	22.9	24.6	25.3	25.2	26.0	26.7
	8H	20.8	21.6	21.5	22.2	23.0	25.3	26.0	25.9	26.7	27.4
	12H	20.9	21.6	21.6	22.3	23.0	26.1	26.8	26.8	27.5	28.2
8H	4H	20.9	21.6	21.5	22.3	23.0	23.4	24.1	24.1	24.8	25.6
	6H	21.5	22.1	22.1	22.8	23.5	24.9	25.6	25.6	26.3	27.0
	8H	21.7	22.2	22.4	22.9	23.7	25.8	26.4	26.5	27.1	27.8
	12H	21.8	22.3	22.5	23.0	23.8	26.8	27.3	27.5	28.0	28.8
12H	4H	21.1	21.7	21.7	22.4	23.2	23.4	24.1	24.1	24.8	25.5
	6H	21.7	22.3	22.4	23.0	23.8	25.0	25.5	25.7	26.2	27.0
	8H	22.0	22.5	22.7	23.2	24.0	25.9	26.4	26.6	27.1	27.9

Maximum UGR = 28.8

POLAR GRAPH



Maximum Candela = 3298.06 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.)