

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-827-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-L130-827-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	11983
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
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	13254	11820	11626
55	11530	10142	10206
65	9766	8714	9096
75	7960	7653	8502
85	6252	7614	8983

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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	3878.069	3878.069	3878.069	3878.069	3878.069
0.5	3859.678	3874.391	3876.843	3875.617	3901.364
1.0	3859.678	3875.617	3875.617	3874.391	3900.138
1.5	3856.000	3875.617	3874.391	3873.165	3901.364
2.0	3854.774	3871.939	3874.391	3871.939	3897.686
2.5	3854.774	3871.939	3870.713	3870.713	3895.234
3.0	3851.095	3868.260	3868.260	3868.260	3892.782
3.5	3848.643	3864.582	3864.582	3865.808	3890.330
4.0	3846.191	3862.130	3862.130	3860.904	3887.878
4.5	3840.061	3858.452	3859.678	3858.452	3884.199
5.0	3836.383	3854.774	3854.774	3854.774	3880.521
5.5	3831.478	3849.869	3849.869	3851.095	3875.617
6.0	3829.026	3843.739	3844.965	3844.965	3870.713
6.5	3820.444	3838.835	3840.061	3840.061	3864.582
7.0	3815.539	3832.704	3833.930	3832.704	3859.678
7.5	3810.635	3825.348	3827.800	3827.800	3853.548
8.0	3804.505	3820.444	3820.444	3820.444	3844.965
8.5	3798.374	3811.861	3814.313	3814.313	3837.609
9.0	3788.566	3805.731	3806.957	3805.731	3829.026
9.5	3782.435	3797.148	3797.148	3797.148	3824.122
10.0	3772.627	3787.340	3787.340	3789.792	3814.313
10.5	3764.044	3778.757	3779.983	3779.983	3805.731
11.0	3755.462	3770.175	3771.401	3770.175	3795.922
11.5	3744.427	3760.366	3762.818	3760.366	3787.340
12.0	3734.618	3749.331	3751.783	3751.783	3776.305
12.5	3724.810	3738.297	3741.975	3739.523	3766.496
13.0	3713.775	3728.488	3730.940	3729.714	3755.462
13.5	3702.741	3716.227	3718.679	3718.679	3745.653
14.0	3689.254	3703.967	3706.419	3706.419	3732.166
14.5	3678.219	3691.706	3694.158	3694.158	3722.358
15.0	3667.184	3679.445	3680.671	3680.671	3707.645
15.5	3653.698	3664.732	3668.410	3668.410	3692.932
16.0	3638.985	3651.245	3654.924	3654.924	3680.671
16.5	3626.724	3636.533	3640.211	3641.437	3667.184
17.0	3609.559	3620.594	3625.498	3626.724	3652.472
17.5	3594.846	3605.881	3610.785	3612.011	3637.759
18.0	3581.359	3591.168	3594.846	3598.524	3624.272
18.5	3565.420	3576.455	3580.133	3582.585	3608.333
19.0	3549.481	3558.064	3564.194	3566.646	3591.168
19.5	3531.090	3543.351	3548.255	3553.160	3575.229
20.0	3511.473	3524.960	3531.090	3534.769	3558.064
20.5	3491.856	3509.021	3513.925	3518.830	3542.125
21.0	3475.917	3489.404	3493.082	3502.891	3524.960
21.5	3457.526	3471.013	3477.143	3482.047	3506.569
22.0	3437.909	3453.848	3459.978	3464.882	3490.630
22.5	3420.744	3431.778	3440.361	3447.717	3472.239
23.0	3399.901	3412.161	3420.744	3428.100	3452.622
23.5	3377.831	3391.318	3402.353	3409.709	3434.231
24.0	3355.762	3370.475	3381.509	3390.092	3414.613
24.5	3337.371	3349.632	3361.892	3369.249	3392.544
25.0	3316.528	3328.788	3342.275	3349.632	3372.927
25.5	3293.232	3307.945	3318.980	3330.014	3349.632
26.0	3271.163	3284.650	3299.363	3309.171	3331.240
26.5	3247.867	3261.354	3278.519	3287.102	3310.397

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27.0	3224.572	3236.833	3257.676	3268.711	3289.554
27.5	3197.598	3213.537	3234.381	3244.189	3268.711
28.0	3177.981	3190.242	3211.085	3222.120	3245.415
28.5	3152.234	3166.947	3187.790	3198.825	3222.120
29.0	3127.712	3142.425	3163.268	3176.755	3200.051
29.5	3101.965	3116.678	3138.747	3152.234	3175.529
30.0	3076.217	3092.156	3114.225	3131.391	3154.686
30.5	3049.244	3065.183	3090.930	3108.095	3130.164
31.0	3023.496	3039.435	3065.183	3083.574	3104.417
31.5	2996.522	3014.914	3040.661	3060.278	3082.348
32.0	2970.775	2986.714	3016.140	3034.531	3056.600
32.5	2942.575	2959.740	2990.392	3010.009	3032.079
33.0	2915.602	2933.993	2962.192	2985.488	3007.557
33.5	2889.854	2907.019	2937.671	2958.514	2981.810
34.0	2859.202	2878.819	2910.697	2933.993	2958.514
34.5	2831.003	2851.846	2884.950	2907.019	2931.541
35.0	2805.255	2822.420	2859.202	2882.498	2905.793
35.5	2772.151	2795.447	2831.003	2855.524	2878.819
36.0	2746.404	2766.021	2804.029	2828.550	2853.072
36.5	2714.526	2736.595	2775.829	2802.803	2828.550
37.0	2685.100	2708.395	2747.630	2774.603	2802.803
37.5	2654.448	2677.743	2720.656	2750.082	2774.603
38.0	2623.796	2648.318	2691.230	2721.882	2745.178
38.5	2591.918	2617.666	2663.031	2696.135	2718.204
39.0	2563.719	2587.014	2633.605	2667.935	2696.135
39.5	2531.841	2558.814	2605.405	2639.735	2666.709
40.0	2497.511	2526.937	2575.979	2613.988	2638.509
40.5	2465.633	2496.285	2547.780	2587.014	2611.536
41.0	2436.207	2465.633	2518.354	2558.814	2583.336
41.5	2404.329	2434.981	2488.928	2530.615	2556.362
42.0	2372.451	2404.329	2459.502	2503.641	2529.389
42.5	2341.799	2372.451	2428.851	2475.441	2501.189
43.0	2307.469	2341.799	2400.651	2448.468	2474.215
43.5	2278.044	2309.922	2369.999	2420.268	2447.242
44.0	2244.940	2278.044	2339.347	2393.295	2419.042
44.5	2214.288	2247.392	2308.696	2363.869	2390.842
45.0	2182.410	2215.514	2279.270	2338.121	2365.095
45.5	2150.532	2184.862	2249.844	2311.148	2338.121
46.0	2118.654	2152.984	2217.966	2281.722	2309.922
46.5	2086.776	2121.106	2190.992	2257.200	2282.948
47.0	2053.672	2090.455	2160.341	2227.775	2255.974
47.5	2021.794	2058.577	2129.689	2199.575	2227.775
48.0	1991.143	2026.699	2099.037	2173.827	2199.575
48.5	1956.813	1996.047	2070.837	2144.402	2172.601
49.0	1926.161	1962.943	2038.959	2116.202	2144.402
49.5	1894.283	1932.291	2009.534	2089.228	2117.428
50.0	1861.179	1900.413	1980.108	2059.803	2089.228
50.5	1830.527	1869.761	1949.456	2035.281	2063.481
51.0	1798.649	1837.883	1922.483	2007.082	2036.507
51.5	1767.997	1806.006	1891.831	1980.108	2009.534
52.0	1734.893	1775.354	1862.405	1951.908	1982.560
52.5	1703.015	1743.476	1834.205	1923.709	1956.813
53.0	1669.911	1712.824	1804.779	1899.187	1928.613
53.5	1638.034	1682.172	1776.580	1870.987	1902.865
54.0	1607.382	1651.520	1748.380	1844.014	1877.118
54.5	1577.956	1619.642	1720.180	1819.492	1851.370

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55.0	1547.304	1590.217	1691.981	1791.293	1828.075
55.5	1521.557	1559.565	1663.781	1765.545	1799.875
56.0	1492.131	1532.591	1636.807	1739.798	1774.128
56.5	1461.479	1504.392	1608.608	1714.050	1749.606
57.0	1432.053	1476.192	1581.634	1688.303	1723.859
57.5	1401.401	1446.766	1558.339	1663.781	1695.659
58.0	1370.750	1417.340	1531.365	1636.807	1674.816
58.5	1341.324	1387.915	1504.392	1613.512	1650.294
59.0	1311.898	1358.489	1478.644	1592.669	1624.547
59.5	1282.472	1330.289	1455.349	1566.921	1604.930
60.0	1253.047	1300.863	1429.601	1542.400	1580.408
60.5	1224.234	1272.664	1403.854	1519.104	1555.887
61.0	1195.299	1244.464	1378.106	1495.809	1532.591
61.5	1166.608	1216.510	1352.359	1472.514	1510.522
62.0	1138.409	1188.800	1327.837	1450.444	1487.227
62.5	1110.577	1161.336	1302.090	1428.375	1465.157
63.0	1082.377	1133.995	1277.568	1405.080	1445.540
63.5	1054.423	1107.021	1254.273	1383.010	1423.471
64.0	1027.204	1080.416	1229.751	1359.715	1401.401
64.5	1000.108	1054.423	1206.456	1337.646	1379.332
65.0	973.257	1028.307	1183.038	1315.576	1358.489
65.5	946.774	1002.805	1159.865	1293.507	1336.420
66.0	919.923	977.303	1136.938	1271.438	1315.576
66.5	893.685	952.414	1114.133	1250.594	1294.733
67.0	868.060	927.769	1091.450	1228.525	1273.890
67.5	842.312	903.493	1069.258	1207.927	1253.047
68.0	816.932	879.830	1047.189	1187.084	1233.429
68.5	791.921	856.289	1025.610	1166.854	1212.954
69.0	767.031	832.994	1004.276	1146.501	1193.582
69.5	742.510	810.189	983.188	1126.761	1174.333
70.0	718.111	787.752	962.467	1107.389	1155.206
70.5	694.325	765.560	941.747	1088.017	1136.324
71.0	670.785	743.613	921.394	1068.890	1117.688
71.5	647.489	722.157	901.531	1050.254	1099.297
72.0	624.684	700.578	881.669	1031.740	1081.396
72.5	601.757	679.735	862.297	1013.595	1063.618
73.0	579.442	659.014	843.048	995.694	1045.718
73.5	557.741	638.539	824.412	977.916	1028.307
74.0	536.284	618.676	805.530	960.751	1010.775
74.5	515.196	598.691	787.507	943.708	994.223
75.0	494.230	579.197	769.606	927.034	978.161
75.5	473.632	560.193	751.951	910.482	961.854
76.0	453.647	541.556	734.786	894.052	945.915
76.5	433.785	523.165	717.743	877.991	929.976
77.0	414.167	504.897	700.946	862.052	914.528
77.5	394.918	487.119	684.394	846.603	899.202
78.0	375.914	469.709	668.332	831.400	884.121
78.5	357.278	452.544	652.393	816.074	869.163
79.0	339.009	435.869	636.945	801.239	854.450
79.5	320.863	419.317	621.742	786.771	839.737
80.0	302.963	403.010	606.538	772.426	825.760
80.5	285.552	387.194	591.825	757.958	811.538
81.0	268.633	371.623	577.726	743.981	797.683
81.5	251.468	356.419	563.626	730.126	783.828
82.0	234.916	341.584	549.894	716.762	770.464
82.5	218.731	326.994	536.407	703.398	757.345

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83.0	202.792	312.771	523.165	690.524	744.594
83.5	186.976	298.917	510.537	677.405	731.353
84.0	171.528	285.430	498.276	665.022	718.724
84.5	156.202	272.433	486.261	652.761	706.341
85.0	141.489	259.805	474.490	640.623	693.957
85.5	126.776	247.789	462.965	628.853	681.942
86.0	112.308	236.264	451.685	617.328	670.049
86.5	97.963	225.475	441.018	605.803	658.156
87.0	83.863	215.053	430.229	594.891	646.508
87.5	69.764	205.367	420.053	583.856	635.351
88.0	55.786	195.926	409.999	573.189	624.071
88.5	41.686	187.099	400.313	562.645	613.159
89.0	28.813	178.761	391.117	552.469	602.370
89.5	18.268	171.037	382.167	542.660	591.825
90.0	10.912	164.171	373.952	533.342	582.139
90.5	7.724	158.163	366.351	524.024	571.840
91.0	8.215	152.646	358.626	514.583	562.032
91.5	9.809	147.374	350.902	505.633	552.223
92.0	11.648	142.960	343.546	496.560	542.660
92.5	13.609	139.159	337.293	487.854	533.219
93.0	15.571	135.849	330.795	479.640	524.146
93.5	17.655	133.274	324.664	471.548	515.564
94.0	19.862	131.067	318.902	463.946	507.226
94.5	21.947	129.473	313.507	456.222	498.644
95.0	24.031	128.247	308.480	448.620	490.429
95.5	25.993	127.389	303.821	441.386	482.337
96.0	27.587	127.021	299.775	434.398	474.368
96.5	29.181	127.021	295.729	427.899	467.011
97.0	30.652	127.144	292.051	421.647	459.655
97.5	32.246	127.634	288.618	415.639	452.911
98.0	33.594	128.125	285.552	409.754	446.045
98.5	35.188	128.738	282.978	404.114	439.670
99.0	36.782	129.473	280.280	398.842	433.417
99.5	38.499	130.332	277.951	393.815	427.286
100.0	39.970	131.190	276.112	389.156	421.769
100.5	41.686	132.171	274.273	384.619	416.129
101.0	43.158	133.152	272.924	380.328	411.102
101.5	44.629	134.132	271.575	376.282	405.953
102.0	45.978	135.113	270.594	372.481	401.416
102.5	47.326	136.094	269.613	368.925	396.880
103.0	48.675	137.198	268.878	365.370	392.834
103.5	50.146	138.301	268.265	362.305	388.665
104.0	51.740	139.282	267.652	359.485	384.864
104.5	53.334	140.385	267.284	356.787	381.309
105.0	54.805	141.489	266.916	354.335	377.876
105.5	56.154	142.470	266.548	351.760	374.933
106.0	57.748	143.696	266.426	349.553	371.991
106.5	59.219	144.799	266.426	347.469	369.048
107.0	60.691	146.025	266.426	345.507	366.596
107.5	62.039	147.006	266.426	344.036	364.021
108.0	63.756	148.232	266.426	342.320	361.446
108.5	65.350	149.458	266.548	341.094	359.730
109.0	66.944	150.439	266.793	339.500	358.013
109.5	68.660	151.543	266.916	338.396	356.174
110.0	70.377	152.646	267.161	337.170	354.703
110.5	72.093	153.750	267.407	336.067	353.354

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CANDELA TABULATION - (Cont.)

111.0	73.810	154.853	267.529	335.086	351.883
111.5	75.526	155.834	267.652	334.350	350.657
112.0	77.365	156.937	267.897	333.614	349.186
112.5	79.204	158.041	268.142	332.756	347.837
113.0	81.166	159.144	268.510	332.143	347.224
113.5	83.005	160.125	268.510	331.530	346.366
114.0	84.967	161.106	268.755	331.040	345.507
114.5	86.806	162.209	269.000	330.427	344.772
115.0	88.768	163.068	269.246	330.059	344.159
115.5	90.729	164.171	269.246	329.691	343.546
116.0	92.569	165.152	269.613	329.201	342.810
116.5	94.285	166.133	269.859	328.710	342.565
117.0	96.247	167.236	270.104	328.710	341.952
117.5	98.086	168.095	270.349	328.220	341.584
118.0	99.680	168.953	270.594	327.975	341.094
118.5	101.519	169.811	270.717	327.607	340.971
119.0	103.113	170.669	270.962	327.239	340.235
119.5	104.829	171.282	271.207	326.871	340.113
120.0	106.423	171.895	271.085	326.626	339.500
120.5	108.017	172.631	271.207	326.135	339.377
121.0	109.611	173.122	271.453	325.768	338.887
121.5	111.327	173.735	271.330	325.277	338.641
122.0	112.921	174.470	271.330	325.032	338.274
122.5	114.515	175.206	271.453	324.542	337.415
123.0	116.109	175.941	271.330	324.051	337.293
123.5	117.580	176.555	271.085	323.683	336.557
124.0	118.806	177.045	271.085	323.315	336.434
124.5	120.033	177.535	271.085	322.702	335.944
125.0	121.259	178.148	270.840	322.089	335.454
125.5	122.485	178.516	270.594	321.722	334.841
126.0	123.588	179.007	270.472	320.986	334.350
126.5	124.569	179.620	270.226	320.495	333.982
127.0	125.672	179.865	269.981	319.882	333.492
127.5	126.531	180.233	269.613	319.269	332.634
128.0	127.634	180.233	269.491	318.534	332.143
128.5	128.492	180.478	269.000	317.921	331.653
129.0	129.351	180.723	268.510	317.308	331.040
129.5	130.086	181.091	267.652	316.327	330.304
130.0	130.699	181.336	266.793	315.714	329.568
130.5	131.312	181.581	265.813	314.978	328.710
131.0	131.680	181.949	264.832	313.875	327.852
131.5	132.171	182.317	263.851	312.894	326.994
132.0	132.661	182.685	262.747	312.281	326.258
132.5	132.906	182.807	261.521	311.055	325.155
133.0	133.274	182.930	261.031	309.951	323.806
133.5	133.397	182.807	260.295	309.093	323.193
134.0	133.519	182.562	259.805	308.112	322.335
134.5	133.887	182.072	259.192	307.009	320.741
135.0	134.255	181.704	258.456	305.537	319.515
135.5	134.132	180.723	257.843	304.557	318.534
136.0	134.378	180.601	256.985	303.330	317.308
136.5	134.623	180.233	256.372	301.982	316.082
137.0	134.745	179.620	255.391	300.878	314.733
137.5	134.868	179.007	254.533	299.407	313.507
138.0	135.113	178.639	253.307	298.181	312.036
138.5	135.113	178.148	251.713	296.832	310.932

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	134.991	177.781	249.874	295.238	309.216
139.5	134.991	177.290	247.667	293.522	307.990
140.0	134.991	176.677	245.215	291.928	306.273
140.5	134.991	176.309	243.008	289.966	304.434
141.0	134.991	176.064	240.556	287.882	302.963
141.5	134.991	175.574	238.103	286.043	301.491
142.0	134.868	175.328	235.774	283.713	299.897
142.5	134.745	174.961	233.322	281.629	298.058
143.0	134.623	174.593	230.992	279.667	296.219
143.5	134.623	174.102	228.295	277.583	294.503
144.0	134.623	173.489	225.965	275.989	292.541
144.5	134.991	172.999	223.636	274.150	290.825
145.0	135.481	172.508	221.061	272.556	288.863
145.5	136.339	171.895	218.731	270.962	286.901
146.0	137.443	171.405	216.524	269.246	285.062
146.5	138.546	170.915	214.685	267.407	282.978
147.0	139.650	170.302	212.601	265.567	280.893
147.5	140.631	170.056	211.007	263.728	278.809
148.0	141.734	169.566	209.291	261.644	276.602
148.5	142.715	169.443	207.942	259.682	274.395
149.0	143.941	169.443	206.471	257.721	272.433
149.5	144.799	169.811	205.122	255.636	269.981
150.0	145.780	170.056	203.773	253.675	267.407
150.5	146.638	170.179	202.302	251.468	264.709
151.0	147.251	170.547	200.340	249.261	261.521
151.5	147.864	170.669	198.256	246.931	258.579
152.0	148.600	170.915	196.294	244.479	255.636
152.5	149.336	171.160	194.455	241.904	252.448
153.0	149.826	171.282	192.493	238.962	249.874
153.5	150.439	171.650	190.409	235.896	246.931
154.0	150.930	171.528	188.570	232.463	244.479
154.5	151.543	171.650	186.976	229.153	242.027
155.0	151.788	171.895	185.382	225.352	240.188
155.5	152.278	172.018	183.788	221.797	238.226
156.0	152.646	172.018	182.685	217.996	236.509
156.5	153.259	172.018	181.581	214.195	234.303
157.0	153.504	172.263	180.478	210.762	232.218
157.5	153.872	172.263	179.742	207.452	229.889
158.0	154.363	172.141	179.374	204.019	227.682
158.5	154.485	172.141	178.884	201.199	225.107
159.0	155.098	171.773	178.516	198.501	222.900
159.5	155.589	171.528	177.903	195.926	220.448
160.0	156.202	171.282	177.290	193.842	217.996
160.5	156.937	171.160	176.800	191.880	215.666
161.0	157.428	170.792	176.677	189.796	213.337
161.5	158.163	170.669	176.432	187.712	211.620
162.0	158.776	170.424	176.800	185.995	210.149
162.5	159.389	170.424	177.045	184.156	208.432
163.0	160.125	170.302	177.168	182.194	206.961
163.5	160.738	170.302	177.413	180.110	205.122
164.0	160.983	170.302	177.658	177.535	203.406
164.5	161.351	170.056	177.413	175.574	201.199
165.0	161.719	170.056	177.045	173.612	198.992
165.5	162.087	169.934	176.677	172.263	196.662
166.0	162.455	169.811	176.432	170.792	193.107
166.5	162.822	169.811	176.064	169.566	191.390

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	163.313	169.811	175.696	168.462	190.041
167.5	163.558	169.811	174.961	167.482	188.693
168.0	163.926	169.811	174.348	166.501	187.589
168.5	164.662	169.321	173.489	165.642	186.240
169.0	165.029	169.443	172.876	164.784	184.892
169.5	165.642	169.075	171.895	163.803	183.421
170.0	165.888	168.953	171.037	162.577	182.072
170.5	166.256	168.708	169.934	161.229	180.601
171.0	166.501	168.462	168.708	159.757	178.761
171.5	166.869	168.462	167.604	158.409	177.290
172.0	167.482	168.217	166.991	157.060	175.083
172.5	167.849	168.217	166.256	155.589	172.631
173.0	168.340	167.972	165.642	154.240	168.462
173.5	168.953	168.095	165.397	152.891	162.209
174.0	169.443	168.095	165.275	151.788	154.485
174.5	169.811	168.095	165.029	150.684	145.290
175.0	170.547	168.462	164.907	149.826	134.868
175.5	170.792	168.585	164.784	149.458	123.956
176.0	171.282	168.830	164.784	149.090	116.845
176.5	171.405	168.953	164.662	149.090	111.818
177.0	171.895	169.198	164.416	148.723	106.668
177.5	172.018	169.198	164.049	148.600	105.565
178.0	172.508	169.443	163.926	148.477	105.810
178.5	172.754	169.566	164.049	148.232	106.055
179.0	172.999	169.566	163.926	147.864	106.178
179.5	173.244	169.566	163.803	147.742	106.301
180.0	155.343	155.343	155.343	155.343	155.343

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1403.7	N.A.	11.70
0-30	2941.22	N.A.	24.50
0-40	4724.67	N.A.	39.40
0-60	7995.89	N.A.	66.70
0-80	9961.45	N.A.	83.10
0-90	10455.78	N.A.	87.30
10-90	10089.84	N.A.	84.20
20-40	3320.97	N.A.	27.70
20-50	5077.23	N.A.	42.40
40-70	4436.48	N.A.	37.00
60-80	1965.56	N.A.	16.40
70-80	800.30	N.A.	6.70
80-90	494.33	N.A.	4.10
90-110	577.39	N.A.	4.80
90-120	820.46	N.A.	6.80
90-130	1044.17	N.A.	8.70
90-150	1370.8	N.A.	11.40
90-180	1526.95	N.A.	12.70
110-180	949.57	N.A.	7.90
0-180	11982.74	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	365.95
10-20	1037.75
20-30	1537.52
30-40	1783.45
40-50	1756.26
50-60	1514.96
60-70	1165.26
70-80	800.30
80-90	494.33
90-100	316.72
100-110	260.66
110-120	243.07
120-130	223.71
130-140	187.99
140-150	138.64
150-160	90.65
160-170	49.94
170-180	15.56

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-827-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-L130-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

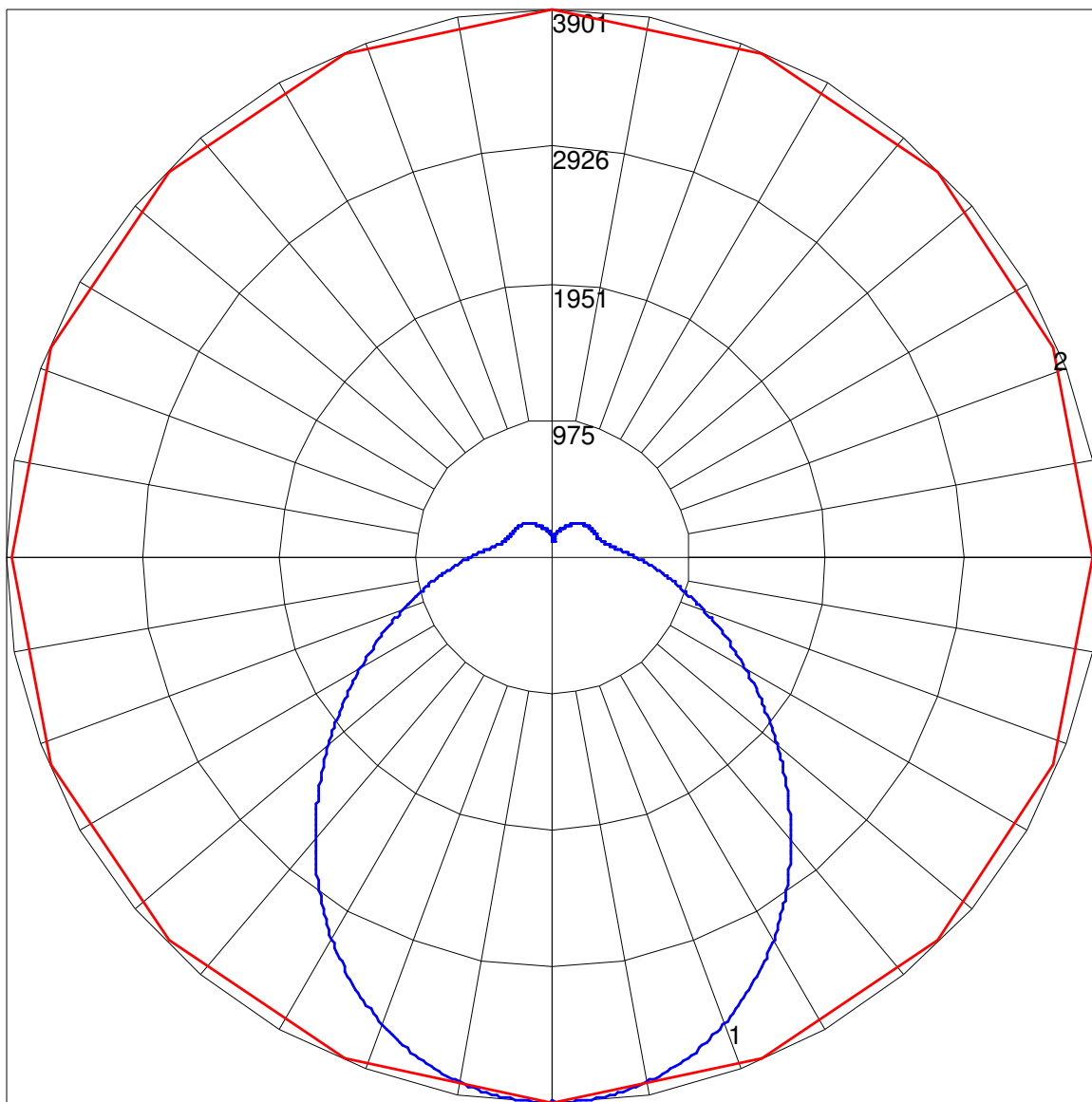
Reflectances

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	18.0	19.4	18.5	19.9	20.5	19.7	21.1	20.3	21.6	22.2
	3H	19.4	20.6	19.9	21.2	21.8	21.9	23.2	22.5	23.7	24.4
	4H	19.8	21.0	20.4	21.5	22.2	23.0	24.2	23.6	24.7	25.4
	6H	20.1	21.2	20.7	21.8	22.5	24.1	25.2	24.7	25.8	26.5
	8H	20.2	21.2	20.8	21.8	22.5	24.7	25.8	25.4	26.4	27.1
	12H	20.2	21.2	20.8	21.8	22.5	25.5	26.4	26.1	27.1	27.8
4H	2H	18.7	19.9	19.3	20.5	21.2	20.1	21.3	20.7	21.9	22.5
	3H	20.3	21.3	20.9	21.9	22.6	22.6	23.5	23.2	24.2	24.9
	4H	20.9	21.8	21.5	22.4	23.2	23.8	24.7	24.4	25.3	26.1
	6H	21.3	22.1	22.0	22.8	23.5	25.2	25.9	25.8	26.6	27.3
	8H	21.4	22.2	22.1	22.8	23.6	25.9	26.6	26.5	27.3	28.0
	12H	21.5	22.2	22.2	22.9	23.6	26.7	27.4	27.4	28.1	28.8
8H	4H	21.5	22.2	22.1	22.9	23.6	24.0	24.7	24.7	25.4	26.2
	6H	22.1	22.7	22.7	23.4	24.1	25.5	26.2	26.2	26.9	27.6
	8H	22.3	22.8	23.0	23.5	24.3	26.4	27.0	27.1	27.7	28.4
	12H	22.4	22.9	23.1	23.6	24.4	27.4	27.9	28.1	28.6	29.4
12H	4H	21.7	22.3	22.3	23.0	23.8	24.0	24.7	24.7	25.4	26.1
	6H	22.3	22.9	23.0	23.6	24.4	25.6	26.1	26.3	26.8	27.6
	8H	22.6	23.1	23.3	23.8	24.6	26.5	27.0	27.2	27.7	28.5

Maximum UGR = 29.4

POLAR GRAPH



Maximum Candela = 3901.364 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.)