

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-927-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-L170-927-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	12958
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	112.4
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	14333	12782	12572
55	12469	10968	11037
65	10561	9424	9836
75	8608	8276	9194
85	6761	8234	9714

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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	4193.686	4193.686	4193.686	4193.686	4193.686
0.5	4173.798	4189.708	4192.360	4191.034	4218.877
1.0	4173.798	4191.034	4191.034	4189.708	4217.551
1.5	4169.820	4191.034	4189.708	4188.382	4218.877
2.0	4168.495	4187.057	4189.708	4187.057	4214.900
2.5	4168.495	4187.057	4185.731	4185.731	4212.248
3.0	4164.517	4183.079	4183.079	4183.079	4209.596
3.5	4161.865	4179.101	4179.101	4180.427	4206.944
4.0	4159.214	4176.450	4176.450	4175.124	4204.293
4.5	4152.584	4172.472	4173.798	4172.472	4200.315
5.0	4148.607	4168.495	4168.495	4168.495	4196.338
5.5	4143.303	4163.191	4163.191	4164.517	4191.034
6.0	4140.652	4156.562	4157.888	4157.888	4185.731
6.5	4131.371	4151.258	4152.584	4152.584	4179.101
7.0	4126.067	4144.629	4145.955	4144.629	4173.798
7.5	4120.764	4136.674	4139.326	4139.326	4167.169
8.0	4114.134	4131.371	4131.371	4131.371	4157.888
8.5	4107.505	4122.090	4124.741	4124.741	4149.933
9.0	4096.898	4115.460	4116.786	4115.460	4140.652
9.5	4090.269	4106.179	4106.179	4106.179	4135.348
10.0	4079.662	4095.572	4095.572	4098.224	4124.741
10.5	4070.381	4086.291	4087.617	4087.617	4115.460
11.0	4061.100	4077.010	4078.336	4077.010	4104.853
11.5	4049.167	4066.404	4069.055	4066.404	4095.572
12.0	4038.561	4054.471	4057.123	4057.123	4083.640
12.5	4027.954	4042.538	4046.516	4043.864	4073.033
13.0	4016.021	4031.931	4034.583	4033.257	4061.100
13.5	4004.088	4018.673	4021.324	4021.324	4050.493
14.0	3989.504	4005.414	4008.066	4008.066	4035.909
14.5	3977.571	3992.156	3994.807	3994.807	4025.302
15.0	3965.638	3978.897	3980.223	3980.223	4009.392
15.5	3951.054	3962.987	3966.964	3966.964	3993.481
16.0	3935.144	3948.402	3952.380	3952.380	3980.223
16.5	3921.885	3932.492	3936.470	3937.795	3965.638
17.0	3903.323	3915.256	3920.559	3921.885	3949.728
17.5	3887.413	3899.346	3904.649	3905.975	3933.818
18.0	3872.828	3883.435	3887.413	3891.390	3919.233
18.5	3855.592	3867.525	3871.503	3874.154	3901.997
19.0	3838.356	3847.637	3854.266	3856.918	3883.435
19.5	3818.468	3831.727	3837.030	3842.334	3866.199
20.0	3797.255	3811.839	3818.468	3822.446	3847.637
20.5	3776.041	3794.603	3799.906	3805.210	3830.401
21.0	3758.805	3773.389	3777.367	3787.974	3811.839
21.5	3738.917	3753.501	3760.131	3765.434	3791.951
22.0	3717.703	3734.939	3741.569	3746.872	3774.715
22.5	3699.141	3711.074	3720.355	3728.310	3754.827
23.0	3676.602	3689.860	3699.141	3707.096	3733.613
23.5	3652.736	3667.321	3679.253	3687.208	3713.726
24.0	3628.871	3644.781	3656.714	3665.995	3692.512
24.5	3608.983	3622.241	3635.500	3643.455	3668.646
25.0	3586.443	3599.702	3614.286	3622.241	3647.433
25.5	3561.252	3577.162	3589.095	3601.028	3622.241
26.0	3537.387	3551.971	3567.881	3578.488	3602.354
26.5	3512.195	3526.780	3545.342	3554.623	3579.814

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**CANDELA TABULATION - (Cont.)**

27.0	3487.004	3500.263	3522.802	3534.735	3557.274
27.5	3457.835	3475.071	3497.611	3508.218	3534.735
28.0	3436.621	3449.880	3472.420	3484.352	3509.544
28.5	3408.778	3424.689	3447.228	3459.161	3484.352
29.0	3382.261	3398.172	3420.711	3435.296	3460.487
29.5	3354.418	3370.329	3394.194	3408.778	3433.970
30.0	3326.575	3343.811	3367.677	3386.239	3411.430
30.5	3297.406	3314.643	3342.486	3361.048	3384.913
31.0	3269.563	3286.800	3314.643	3334.530	3357.070
31.5	3240.395	3260.282	3288.125	3309.339	3333.205
32.0	3212.552	3229.788	3261.608	3281.496	3305.362
32.5	3182.057	3200.619	3233.765	3254.979	3278.844
33.0	3152.888	3172.776	3203.271	3228.462	3252.327
33.5	3125.045	3143.607	3176.753	3199.293	3224.484
34.0	3091.899	3113.112	3147.585	3172.776	3199.293
34.5	3061.404	3083.943	3119.742	3143.607	3170.124
35.0	3033.561	3052.123	3091.899	3117.090	3142.281
35.5	2997.763	3022.954	3061.404	3087.921	3113.112
36.0	2969.920	2991.133	3032.235	3058.752	3085.269
36.5	2935.447	2959.313	3001.740	3030.909	3058.752
37.0	2903.627	2928.818	2971.246	3000.414	3030.909
37.5	2870.480	2895.672	2942.077	2973.897	3000.414
38.0	2837.334	2863.851	2910.256	2943.403	2968.594
38.5	2802.862	2830.705	2879.761	2915.560	2939.425
39.0	2772.367	2797.558	2847.941	2885.065	2915.560
39.5	2737.895	2767.064	2817.446	2854.570	2883.739
40.0	2700.771	2732.591	2785.626	2826.727	2853.244
40.5	2666.299	2699.445	2755.131	2797.558	2824.076
41.0	2634.478	2666.299	2723.310	2767.064	2793.581
41.5	2600.006	2633.152	2691.490	2736.569	2764.412
42.0	2565.533	2600.006	2659.669	2707.400	2735.243
42.5	2532.387	2565.533	2626.523	2676.905	2704.748
43.0	2495.263	2532.387	2596.028	2647.737	2675.580
43.5	2463.442	2497.915	2562.882	2617.242	2646.411
44.0	2427.644	2463.442	2529.735	2588.073	2615.916
44.5	2394.498	2430.296	2496.589	2556.252	2585.421
45.0	2360.026	2395.824	2464.768	2528.409	2557.578
45.5	2325.553	2362.677	2432.948	2499.241	2528.409
46.0	2291.081	2328.205	2398.475	2467.420	2497.915
46.5	2256.609	2293.733	2369.307	2440.903	2468.746
47.0	2220.811	2260.586	2336.160	2409.082	2439.577
47.5	2186.338	2226.114	2303.014	2378.588	2409.082
48.0	2153.192	2191.642	2269.867	2350.745	2378.588
48.5	2116.068	2158.495	2239.373	2318.924	2349.419
49.0	2082.921	2122.697	2204.900	2288.429	2318.924
49.5	2048.449	2089.551	2173.080	2259.260	2289.755
50.0	2012.651	2055.078	2141.259	2227.440	2259.260
50.5	1979.505	2021.932	2108.113	2200.923	2231.417
51.0	1945.032	1987.460	2078.944	2170.428	2202.249
51.5	1911.886	1952.987	2045.797	2141.259	2173.080
52.0	1876.088	1919.841	2013.977	2110.764	2143.911
52.5	1841.615	1885.369	1983.482	2080.270	2116.068
53.0	1805.817	1852.222	1951.662	2053.753	2085.573
53.5	1771.345	1819.076	1921.167	2023.258	2057.730
54.0	1738.199	1785.929	1890.672	1994.089	2029.887
54.5	1706.378	1751.457	1860.177	1967.572	2002.044

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**CANDELA TABULATION - (Cont.)**

55.0	1673.232	1719.637	1829.683	1937.077	1976.853
55.5	1645.389	1686.490	1799.188	1909.234	1946.358
56.0	1613.568	1657.321	1770.019	1881.391	1918.515
56.5	1580.422	1626.827	1739.524	1853.548	1891.998
57.0	1548.601	1596.332	1710.356	1825.705	1864.155
57.5	1515.455	1564.511	1685.164	1799.188	1833.660
58.0	1482.308	1532.691	1655.995	1770.019	1811.121
58.5	1450.488	1500.870	1626.827	1744.828	1784.604
59.0	1418.667	1469.050	1598.984	1722.288	1756.761
59.5	1386.846	1438.555	1573.792	1694.445	1735.547
60.0	1355.026	1406.734	1545.949	1667.928	1709.030
60.5	1323.868	1376.240	1518.106	1642.737	1682.513
61.0	1292.578	1345.745	1490.263	1617.546	1657.321
61.5	1261.553	1315.515	1462.420	1592.354	1633.456
62.0	1231.058	1285.551	1435.903	1568.489	1608.265
62.5	1200.961	1255.852	1408.060	1544.623	1584.399
63.0	1170.467	1226.285	1381.543	1519.432	1563.185
63.5	1140.237	1197.116	1356.352	1495.567	1539.320
64.0	1110.803	1168.345	1329.835	1470.375	1515.455
64.5	1081.502	1140.237	1304.643	1446.510	1491.589
65.0	1052.465	1111.996	1279.319	1422.645	1469.050
65.5	1023.827	1084.418	1254.261	1398.779	1445.184
66.0	994.791	1056.841	1229.467	1374.914	1422.645
66.5	966.417	1029.926	1204.806	1352.374	1400.105
67.0	938.707	1003.276	1180.278	1328.509	1377.565
67.5	910.864	977.024	1156.280	1306.234	1355.026
68.0	883.419	951.435	1132.415	1283.695	1333.812
68.5	856.371	925.979	1109.079	1261.818	1311.670
69.0	829.456	900.787	1086.010	1239.809	1290.722
69.5	802.939	876.126	1063.205	1218.463	1269.906
70.0	776.554	851.863	1040.798	1197.514	1249.223
70.5	750.833	827.865	1018.391	1176.566	1228.804
71.0	725.376	804.132	996.382	1155.882	1208.651
71.5	700.185	780.930	974.903	1135.729	1188.763
72.0	675.524	757.595	953.424	1115.709	1169.406
72.5	650.731	735.055	932.475	1096.086	1150.181
73.0	626.600	712.648	911.659	1076.729	1130.823
73.5	603.132	690.506	891.506	1057.504	1111.996
74.0	579.930	669.027	871.088	1038.942	1093.037
74.5	557.125	647.416	851.598	1020.512	1075.137
75.0	534.453	626.335	832.240	1002.481	1057.769
75.5	512.179	605.784	813.148	984.581	1040.135
76.0	490.567	585.631	794.586	966.815	1022.899
76.5	469.088	565.743	776.157	949.446	1005.663
77.0	447.875	545.988	757.992	932.210	988.957
77.5	427.059	526.763	740.093	915.504	972.384
78.0	406.508	507.936	722.725	899.064	956.076
78.5	386.355	489.374	705.489	882.490	939.900
79.0	366.599	471.342	688.783	866.448	923.990
79.5	346.977	453.443	672.342	850.802	908.079
80.0	327.619	435.809	655.901	835.290	892.965
80.5	308.792	418.706	639.991	819.645	877.585
81.0	290.495	401.867	624.744	804.530	862.603
81.5	271.933	385.427	609.496	789.548	847.620
82.0	254.034	369.384	594.647	775.096	833.169
82.5	236.533	353.606	580.062	760.644	818.982

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**CANDELA TABULATION - (Cont.)**

83.0	219.297	338.226	565.743	746.723	805.193
83.5	202.193	323.244	552.087	732.536	790.874
84.0	185.487	308.660	538.828	719.145	777.217
84.5	168.914	294.605	525.835	705.886	763.826
85.0	153.004	280.949	513.107	692.760	750.435
85.5	137.094	267.956	500.644	680.032	737.442
86.0	121.449	255.493	488.446	667.569	724.581
86.5	105.936	243.825	476.911	655.106	711.720
87.0	90.689	232.555	465.243	643.306	699.124
87.5	75.441	222.081	454.239	631.373	687.059
88.0	60.326	211.872	443.367	619.838	674.861
88.5	45.079	202.326	432.892	608.436	663.061
89.0	31.158	193.310	422.948	597.431	651.394
89.5	19.755	184.957	413.270	586.824	639.991
90.0	11.800	177.532	404.386	576.748	629.517
90.5	8.353	171.036	396.166	566.671	618.380
91.0	8.883	165.069	387.813	556.462	607.773
91.5	10.607	159.368	379.460	546.783	597.166
92.0	12.596	154.595	371.505	536.972	586.824
92.5	14.717	150.485	364.743	527.559	576.615
93.0	16.838	146.905	357.716	518.675	566.804
93.5	19.092	144.121	351.087	509.925	557.523
94.0	21.479	141.734	344.855	501.704	548.507
94.5	23.733	140.011	339.022	493.351	539.226
95.0	25.987	138.685	333.586	485.131	530.343
95.5	28.108	137.757	328.547	477.309	521.592
96.0	29.832	137.359	324.172	469.751	512.974
96.5	31.555	137.359	319.797	462.724	505.019
97.0	33.146	137.491	315.819	455.962	497.064
97.5	34.870	138.022	312.107	449.466	489.772
98.0	36.328	138.552	308.792	443.101	482.347
98.5	38.052	139.215	306.008	437.002	475.452
99.0	39.776	140.011	303.091	431.301	468.690
99.5	41.632	140.939	300.572	425.865	462.061
100.0	43.223	141.867	298.583	420.827	456.095
100.5	45.079	142.927	296.594	415.921	449.996
101.0	46.670	143.988	295.136	411.281	444.560
101.5	48.261	145.049	293.677	406.906	438.991
102.0	49.720	146.109	292.617	402.795	434.086
102.5	51.178	147.170	291.556	398.950	429.180
103.0	52.637	148.363	290.760	395.105	424.805
103.5	54.228	149.557	290.098	391.791	420.297
104.0	55.951	150.617	289.435	388.741	416.187
104.5	57.675	151.811	289.037	385.824	412.342
105.0	59.266	153.004	288.639	383.173	408.629
105.5	60.724	154.065	288.241	380.388	405.447
106.0	62.448	155.390	288.109	378.002	402.265
106.5	64.039	156.584	288.109	375.748	399.083
107.0	65.630	157.910	288.109	373.627	396.431
107.5	67.088	158.970	288.109	372.035	393.647
108.0	68.945	160.296	288.109	370.179	390.863
108.5	70.668	161.622	288.241	368.853	389.006
109.0	72.392	162.683	288.506	367.130	387.150
109.5	74.248	163.876	288.639	365.937	385.161
110.0	76.104	165.069	288.904	364.611	383.570
110.5	77.960	166.262	289.169	363.417	382.112

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**CANDELA TABULATION - (Cont.)**

111.0	79.817	167.456	289.302	362.357	380.521
111.5	81.673	168.516	289.435	361.561	379.195
112.0	83.662	169.710	289.700	360.766	377.604
112.5	85.650	170.903	289.965	359.838	376.146
113.0	87.772	172.096	290.363	359.175	375.483
113.5	89.761	173.157	290.363	358.512	374.555
114.0	91.882	174.218	290.628	357.981	373.627
114.5	93.871	175.411	290.893	357.318	372.831
115.0	95.992	176.339	291.158	356.921	372.168
115.5	98.113	177.532	291.158	356.523	371.505
116.0	100.102	178.593	291.556	355.993	370.710
116.5	101.958	179.654	291.821	355.462	370.444
117.0	104.080	180.847	292.086	355.462	369.782
117.5	106.069	181.775	292.351	354.932	369.384
118.0	107.792	182.703	292.617	354.667	368.853
118.5	109.781	183.631	292.749	354.269	368.721
119.0	111.505	184.559	293.014	353.871	367.925
119.5	113.361	185.222	293.280	353.473	367.793
120.0	115.084	185.885	293.147	353.208	367.130
120.5	116.808	186.681	293.280	352.678	366.997
121.0	118.532	187.211	293.545	352.280	366.467
121.5	120.388	187.874	293.412	351.750	366.202
122.0	122.111	188.669	293.412	351.485	365.804
122.5	123.835	189.465	293.545	350.954	364.876
123.0	125.559	190.260	293.412	350.424	364.743
123.5	127.150	190.923	293.147	350.026	363.948
124.0	128.476	191.454	293.147	349.629	363.815
124.5	129.801	191.984	293.147	348.966	363.285
125.0	131.127	192.647	292.882	348.303	362.754
125.5	132.453	193.045	292.617	347.905	362.092
126.0	133.646	193.575	292.484	347.109	361.561
126.5	134.707	194.238	292.219	346.579	361.163
127.0	135.900	194.503	291.954	345.916	360.633
127.5	136.828	194.901	291.556	345.253	359.705
128.0	138.022	194.901	291.423	344.458	359.175
128.5	138.950	195.166	290.893	343.795	358.644
129.0	139.878	195.431	290.363	343.132	357.981
129.5	140.673	195.829	289.435	342.071	357.186
130.0	141.336	196.094	288.506	341.408	356.390
130.5	141.999	196.359	287.446	340.613	355.462
131.0	142.397	196.757	286.385	339.419	354.534
131.5	142.927	197.155	285.324	338.359	353.606
132.0	143.458	197.553	284.131	337.696	352.811
132.5	143.723	197.685	282.805	336.370	351.617
133.0	144.121	197.818	282.275	335.177	350.159
133.5	144.253	197.685	281.479	334.249	349.496
134.0	144.386	197.420	280.949	333.188	348.568
134.5	144.784	196.890	280.286	331.995	346.844
135.0	145.181	196.492	279.491	330.404	345.518
135.5	145.049	195.431	278.828	329.343	344.458
136.0	145.314	195.299	277.900	328.017	343.132
136.5	145.579	194.901	277.237	326.559	341.806
137.0	145.712	194.238	276.176	325.365	340.348
137.5	145.844	193.575	275.248	323.774	339.022
138.0	146.109	193.177	273.922	322.448	337.431
138.5	146.109	192.647	272.198	320.990	336.237

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	145.977	192.249	270.210	319.266	334.381
139.5	145.977	191.719	267.823	317.410	333.055
140.0	145.977	191.056	265.171	315.687	331.199
140.5	145.977	190.658	262.785	313.565	329.210
141.0	145.977	190.393	260.133	311.311	327.619
141.5	145.977	189.863	257.481	309.322	326.028
142.0	145.844	189.598	254.962	306.803	324.305
142.5	145.712	189.200	252.311	304.549	322.316
143.0	145.579	188.802	249.791	302.428	320.327
143.5	145.579	188.272	246.875	300.174	318.471
144.0	145.579	187.609	244.355	298.450	316.349
144.5	145.977	187.078	241.836	296.462	314.493
145.0	146.507	186.548	239.052	294.738	312.372
145.5	147.435	185.885	236.533	293.014	310.251
146.0	148.629	185.355	234.146	291.158	308.262
146.5	149.822	184.824	232.158	289.169	306.008
147.0	151.015	184.162	229.904	287.181	303.754
147.5	152.076	183.896	228.180	285.192	301.500
148.0	153.269	183.366	226.324	282.938	299.113
148.5	154.330	183.233	224.865	280.817	296.727
149.0	155.656	183.233	223.274	278.695	294.605
149.5	156.584	183.631	221.816	276.441	291.954
150.0	157.644	183.896	220.357	274.320	289.169
150.5	158.573	184.029	218.766	271.933	286.253
151.0	159.235	184.427	216.645	269.547	282.805
151.5	159.898	184.559	214.391	267.028	279.623
152.0	160.694	184.824	212.270	264.376	276.441
152.5	161.489	185.090	210.281	261.592	272.994
153.0	162.020	185.222	208.160	258.410	270.210
153.5	162.683	185.620	205.906	255.095	267.028
154.0	163.213	185.487	203.917	251.382	264.376
154.5	163.876	185.620	202.193	247.803	261.724
155.0	164.141	185.885	200.470	243.693	259.735
155.5	164.671	186.018	198.746	239.848	257.614
156.0	165.069	186.018	197.553	235.737	255.758
156.5	165.732	186.018	196.359	231.627	253.371
157.0	165.997	186.283	195.166	227.915	251.117
157.5	166.395	186.283	194.371	224.335	248.598
158.0	166.925	186.150	193.973	220.623	246.212
158.5	167.058	186.150	193.443	217.573	243.427
159.0	167.721	185.753	193.045	214.656	241.041
159.5	168.251	185.487	192.382	211.872	238.389
160.0	168.914	185.222	191.719	209.618	235.737
160.5	169.710	185.090	191.189	207.497	233.218
161.0	170.240	184.692	191.056	205.243	230.699
161.5	171.036	184.559	190.791	202.989	228.843
162.0	171.698	184.294	191.189	201.133	227.252
162.5	172.361	184.294	191.454	199.144	225.396
163.0	173.157	184.162	191.586	197.022	223.805
163.5	173.820	184.162	191.852	194.768	221.816
164.0	174.085	184.162	192.117	191.984	219.960
164.5	174.483	183.896	191.852	189.863	217.573
165.0	174.881	183.896	191.454	187.741	215.187
165.5	175.278	183.764	191.056	186.283	212.667
166.0	175.676	183.631	190.791	184.692	208.822
166.5	176.074	183.631	190.393	183.366	206.966

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	176.604	183.631	189.995	182.173	205.508
167.5	176.869	183.631	189.200	181.112	204.049
168.0	177.267	183.631	188.537	180.051	202.856
168.5	178.063	183.101	187.609	179.123	201.398
169.0	178.460	183.233	186.946	178.195	199.939
169.5	179.123	182.836	185.885	177.135	198.348
170.0	179.388	182.703	184.957	175.809	196.890
170.5	179.786	182.438	183.764	174.350	195.299
171.0	180.051	182.173	182.438	172.759	193.310
171.5	180.449	182.173	181.245	171.301	191.719
172.0	181.112	181.908	180.582	169.842	189.332
172.5	181.510	181.908	179.786	168.251	186.681
173.0	182.040	181.642	179.123	166.793	182.173
173.5	182.703	181.775	178.858	165.334	175.411
174.0	183.233	181.775	178.726	164.141	167.058
174.5	183.631	181.775	178.460	162.948	157.114
175.0	184.427	182.173	178.328	162.020	145.844
175.5	184.692	182.305	178.195	161.622	134.044
176.0	185.222	182.571	178.195	161.224	126.354
176.5	185.355	182.703	178.063	161.224	120.918
177.0	185.885	182.968	177.797	160.826	115.350
177.5	186.018	182.968	177.400	160.694	114.156
178.0	186.548	183.233	177.267	160.561	114.421
178.5	186.813	183.366	177.400	160.296	114.687
179.0	187.078	183.366	177.267	159.898	114.819
179.5	187.344	183.366	177.135	159.766	114.952
180.0	167.986	167.986	167.986	167.986	167.986



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L170-927-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1517.94	N.A.	11.70
0-30	3180.6	N.A.	24.50
0-40	5109.19	N.A.	39.40
0-60	8646.64	N.A.	66.70
0-80	10772.16	N.A.	83.10
0-90	11306.73	N.A.	87.30
10-90	10911.00	N.A.	84.20
20-40	3591.25	N.A.	27.70
20-50	5490.44	N.A.	42.40
40-70	4797.54	N.A.	37.00
60-80	2125.53	N.A.	16.40
70-80	865.44	N.A.	6.70
80-90	534.57	N.A.	4.10
90-110	624.38	N.A.	4.80
90-120	887.23	N.A.	6.80
90-130	1129.15	N.A.	8.70
90-150	1482.37	N.A.	11.40
90-180	1651.22	N.A.	12.70
110-180	1026.85	N.A.	7.90
0-180	12957.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	395.73
10-20	1122.21
20-30	1662.66
30-40	1928.59
40-50	1899.19
50-60	1638.26
60-70	1260.09
70-80	865.44
80-90	534.57
90-100	342.50
100-110	281.88
110-120	262.86
120-130	241.92
130-140	203.29
140-150	149.92
150-160	98.02
160-170	54.01
170-180	16.82

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L170-927-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-L170-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

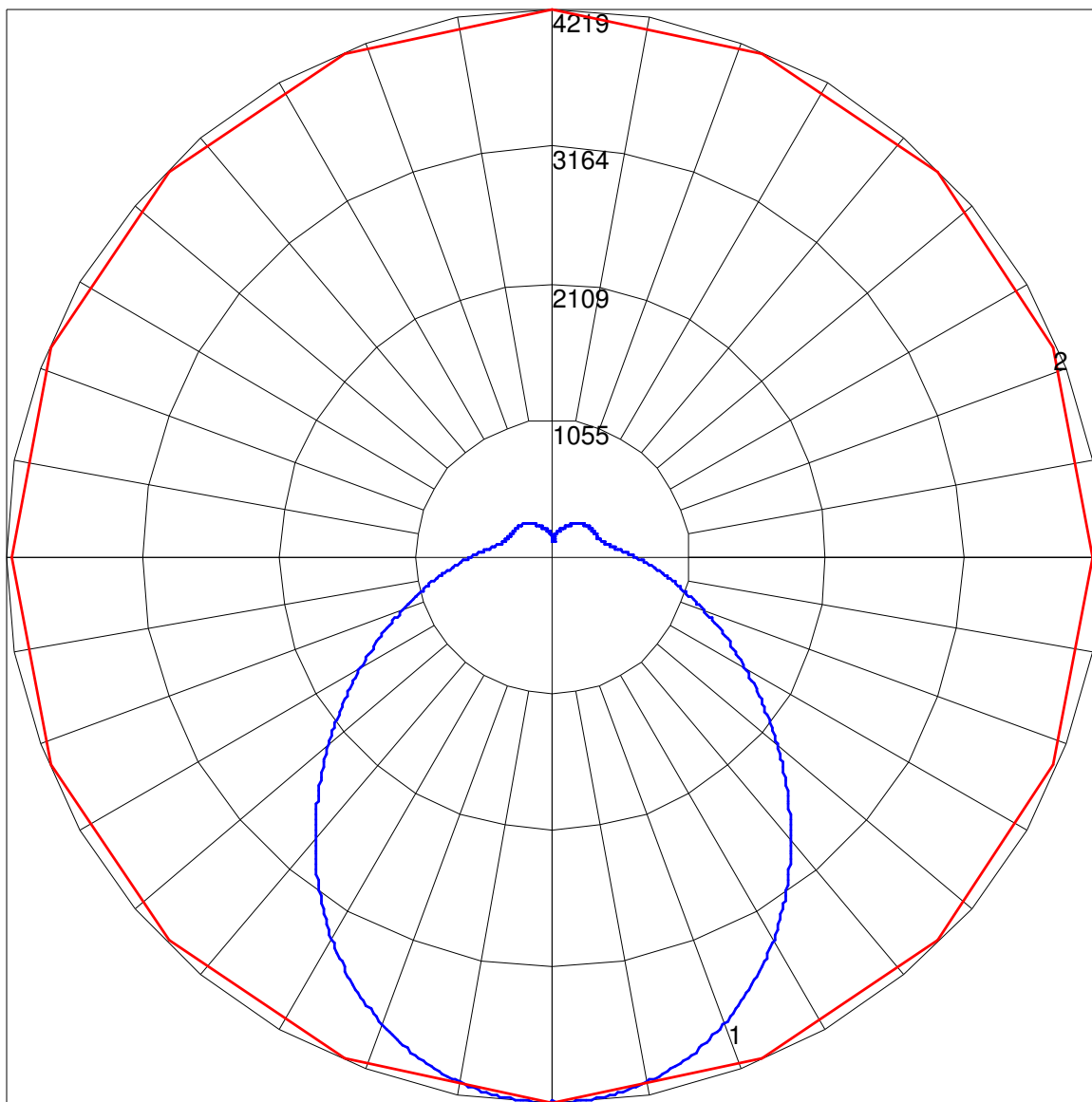
Reflectances

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	18.3	19.7	18.8	20.2	20.8	20.0	21.4	20.6	21.9	22.5
	3H	19.7	20.9	20.2	21.5	22.1	22.2	23.5	22.8	24.0	24.7
	4H	20.1	21.3	20.7	21.8	22.5	23.3	24.5	23.9	25.0	25.7
	6H	20.4	21.5	21.0	22.1	22.8	24.4	25.5	25.0	26.1	26.8
	8H	20.5	21.5	21.1	22.1	22.8	25.1	26.1	25.7	26.7	27.4
	12H	20.5	21.5	21.1	22.1	22.8	25.8	26.7	26.4	27.4	28.1
4H	2H	19.0	20.2	19.6	20.8	21.5	20.4	21.6	21.0	22.2	22.8
	3H	20.6	21.6	21.2	22.3	22.9	22.9	23.8	23.5	24.5	25.2
	4H	21.2	22.1	21.8	22.7	23.5	24.1	25.0	24.7	25.6	26.4
	6H	21.6	22.4	22.3	23.1	23.8	25.5	26.2	26.1	26.9	27.6
	8H	21.7	22.5	22.4	23.1	23.9	26.2	26.9	26.8	27.6	28.3
	12H	21.8	22.5	22.5	23.2	23.9	27.0	27.7	27.7	28.4	29.1
8H	4H	21.8	22.5	22.4	23.2	23.9	24.3	25.0	25.0	25.7	26.5
	6H	22.4	23.0	23.0	23.7	24.4	25.8	26.5	26.5	27.2	27.9
	8H	22.6	23.1	23.3	23.8	24.6	26.7	27.3	27.4	28.0	28.7
	12H	22.7	23.2	23.4	23.9	24.7	27.7	28.2	28.4	28.9	29.7
12H	4H	22.0	22.6	22.6	23.3	24.1	24.3	25.0	25.0	25.7	26.4
	6H	22.6	23.2	23.3	23.9	24.7	25.9	26.4	26.6	27.1	27.9
	8H	22.9	23.4	23.6	24.1	24.9	26.8	27.3	27.5	28.0	28.8

Maximum UGR = 29.7

POLAR GRAPH



Maximum Candela = 4218.877 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.)