

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-840-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-8-L170-840-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	16697
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	176
Total Luminaire Watts	94.8
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	18468	16470	16200
55	16066	14132	14222
65	13608	12143	12675
75	11092	10664	11847
85	8711	10610	12517

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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	5403.704	5403.704	5403.704	5403.704	5403.704
0.5	5378.078	5398.579	5401.996	5400.287	5436.164
1.0	5378.078	5400.287	5400.287	5398.579	5434.455
1.5	5372.953	5400.287	5398.579	5396.870	5436.164
2.0	5371.244	5395.162	5398.579	5395.162	5431.039
2.5	5371.244	5395.162	5393.453	5393.453	5427.622
3.0	5366.119	5390.037	5390.037	5390.037	5424.205
3.5	5362.702	5384.911	5384.911	5386.620	5420.788
4.0	5359.285	5381.495	5381.495	5379.786	5417.371
4.5	5350.743	5376.369	5378.078	5376.369	5412.246
5.0	5345.618	5371.244	5371.244	5371.244	5407.121
5.5	5338.784	5364.410	5364.410	5366.119	5400.287
6.0	5335.367	5355.868	5357.577	5357.577	5393.453
6.5	5323.409	5349.035	5350.743	5350.743	5384.911
7.0	5316.575	5340.493	5342.201	5340.493	5378.078
7.5	5309.741	5330.242	5333.659	5333.659	5369.536
8.0	5301.199	5323.409	5323.409	5323.409	5357.577
8.5	5292.657	5311.450	5314.867	5314.867	5347.326
9.0	5278.990	5302.908	5304.616	5302.908	5335.367
9.5	5270.448	5290.949	5290.949	5290.949	5328.534
10.0	5256.781	5277.282	5277.282	5280.698	5314.867
10.5	5244.822	5265.323	5267.031	5267.031	5302.908
11.0	5232.863	5253.364	5255.072	5253.364	5289.240
11.5	5217.487	5239.696	5243.113	5239.696	5277.282
12.0	5203.820	5224.321	5227.738	5227.738	5261.906
12.5	5190.153	5208.945	5214.070	5210.653	5248.239
13.0	5174.777	5195.278	5198.695	5196.986	5232.863
13.5	5159.401	5178.194	5181.610	5181.610	5219.196
14.0	5140.609	5161.110	5164.526	5164.526	5200.403
14.5	5125.233	5144.025	5147.442	5147.442	5186.736
15.0	5109.857	5126.941	5128.650	5128.650	5166.235
15.5	5091.065	5106.440	5111.566	5111.566	5145.734
16.0	5070.564	5087.648	5092.773	5092.773	5128.650
16.5	5053.480	5067.147	5072.272	5073.981	5109.857
17.0	5029.562	5044.938	5051.771	5053.480	5089.356
17.5	5009.061	5024.437	5031.270	5032.979	5068.855
18.0	4990.268	5003.936	5009.061	5014.186	5050.063
18.5	4968.059	4983.435	4988.560	4991.977	5027.854
19.0	4945.850	4957.809	4966.351	4969.768	5003.936
19.5	4920.224	4937.308	4944.141	4950.975	4981.726
20.0	4892.889	4911.682	4920.224	4925.349	4957.809
20.5	4865.554	4889.472	4896.306	4903.140	4935.599
21.0	4843.345	4862.138	4867.263	4880.930	4911.682
21.5	4817.719	4836.511	4845.054	4851.887	4886.055
22.0	4790.384	4812.594	4821.136	4827.969	4863.846
22.5	4766.467	4781.842	4793.801	4804.052	4838.220
23.0	4737.424	4754.508	4766.467	4776.717	4810.885
23.5	4706.672	4725.465	4740.840	4751.091	4785.259
24.0	4675.921	4696.422	4711.797	4723.756	4757.925
24.5	4650.295	4667.379	4684.463	4694.713	4727.173
25.0	4621.252	4638.336	4657.128	4667.379	4699.839
25.5	4588.792	4609.293	4624.669	4640.044	4667.379
26.0	4558.040	4576.833	4597.334	4611.001	4641.753
26.5	4525.581	4544.373	4568.291	4580.250	4612.710

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CANDELA TABULATION - (Cont.)

27.0	4493.121	4510.205	4539.248	4554.624	4583.667
27.5	4455.536	4477.745	4506.788	4520.455	4554.624
28.0	4428.201	4445.285	4474.328	4489.704	4522.164
28.5	4392.325	4412.826	4441.869	4457.244	4489.704
29.0	4358.156	4378.657	4407.700	4426.493	4458.953
29.5	4322.280	4342.781	4373.532	4392.325	4424.784
30.0	4286.403	4308.612	4339.364	4363.282	4395.741
30.5	4248.818	4271.027	4306.904	4330.822	4361.573
31.0	4212.941	4235.151	4271.027	4296.654	4325.697
31.5	4175.356	4200.983	4236.859	4264.194	4294.945
32.0	4139.480	4161.689	4202.691	4228.317	4259.069
32.5	4100.186	4124.104	4166.814	4194.149	4224.900
33.0	4062.601	4088.227	4127.521	4159.981	4190.732
33.5	4026.725	4050.642	4093.353	4122.396	4154.855
34.0	3984.014	4011.349	4055.768	4088.227	4122.396
34.5	3944.721	3973.764	4019.891	4050.642	4084.811
35.0	3908.844	3932.762	3984.014	4016.474	4048.934
35.5	3862.717	3895.177	3944.721	3978.889	4011.349
36.0	3826.841	3854.175	3907.136	3941.304	3975.472
36.5	3782.422	3813.173	3867.842	3905.427	3941.304
37.0	3741.420	3773.880	3828.549	3866.134	3905.427
37.5	3698.710	3731.170	3790.964	3831.966	3866.134
38.0	3655.999	3690.168	3749.962	3792.672	3825.132
38.5	3611.581	3647.457	3710.669	3756.796	3787.547
39.0	3572.287	3604.747	3669.667	3717.502	3756.796
39.5	3527.869	3565.454	3630.373	3678.209	3715.794
40.0	3480.033	3521.035	3589.371	3642.332	3676.500
40.5	3435.614	3478.325	3550.078	3604.747	3638.915
41.0	3394.613	3435.614	3509.076	3565.454	3599.622
41.5	3350.194	3392.904	3468.074	3526.160	3562.037
42.0	3305.775	3350.194	3427.072	3488.575	3524.452
42.5	3263.065	3305.775	3384.362	3449.282	3485.158
43.0	3215.229	3263.065	3345.069	3411.697	3447.573
43.5	3174.228	3218.646	3302.358	3372.403	3409.988
44.0	3128.101	3174.228	3259.648	3334.818	3370.695
44.5	3085.390	3131.517	3216.938	3293.816	3331.401
45.0	3040.972	3087.099	3175.936	3257.940	3295.525
45.5	2996.553	3044.388	3134.934	3220.355	3257.940
46.0	2952.134	2999.970	3090.515	3179.353	3218.646
46.5	2907.715	2955.551	3052.930	3145.185	3181.061
47.0	2861.588	2912.841	3010.220	3104.183	3143.476
47.5	2817.170	2868.422	2967.510	3064.889	3104.183
48.0	2774.459	2824.003	2924.800	3029.013	3064.889
48.5	2726.624	2781.293	2885.506	2988.011	3027.304
49.0	2683.914	2735.166	2841.087	2948.717	2988.011
49.5	2639.495	2692.456	2800.086	2911.132	2950.426
50.0	2593.368	2648.037	2759.084	2870.130	2911.132
50.5	2550.658	2605.327	2716.373	2835.962	2875.256
51.0	2506.239	2560.908	2678.788	2796.669	2837.671
51.5	2463.529	2516.489	2636.078	2759.084	2800.086
52.0	2417.402	2473.779	2595.076	2719.790	2762.501
52.5	2372.983	2429.360	2555.783	2680.497	2726.624
53.0	2326.856	2386.650	2514.781	2646.329	2687.330
53.5	2282.437	2343.940	2475.488	2607.035	2651.454
54.0	2239.727	2301.230	2436.194	2569.450	2615.577
54.5	2198.725	2256.811	2396.901	2535.282	2579.701

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55.0	2156.015	2215.809	2357.607	2495.988	2547.241
55.5	2120.138	2173.099	2318.314	2460.112	2507.947
56.0	2079.136	2135.514	2280.729	2424.235	2472.071
56.5	2036.426	2096.220	2241.435	2388.359	2437.902
57.0	1995.424	2056.927	2203.850	2352.482	2402.026
57.5	1952.714	2015.925	2171.390	2318.314	2362.732
58.0	1910.003	1974.923	2133.805	2280.729	2333.689
58.5	1869.002	1933.921	2096.220	2248.269	2299.521
59.0	1828.000	1892.919	2060.344	2219.226	2263.645
59.5	1786.998	1853.626	2027.884	2183.349	2236.310
60.0	1745.996	1812.624	1992.007	2149.181	2202.142
60.5	1705.848	1773.331	1956.131	2116.721	2167.974
61.0	1665.530	1734.037	1920.254	2084.261	2135.514
61.5	1625.553	1695.085	1884.377	2051.802	2104.762
62.0	1586.260	1656.475	1850.209	2021.050	2072.303
62.5	1547.479	1618.207	1814.332	1990.299	2041.551
63.0	1508.185	1580.109	1780.164	1957.839	2014.217
63.5	1469.233	1542.524	1747.704	1927.088	1983.465
64.0	1431.307	1505.452	1713.536	1894.628	1952.714
64.5	1393.551	1469.233	1681.076	1863.876	1921.962
65.0	1356.137	1432.844	1648.446	1833.125	1892.919
65.5	1319.235	1397.309	1616.157	1802.374	1862.168
66.0	1281.821	1361.774	1584.210	1771.622	1833.125
66.5	1245.261	1327.094	1552.433	1742.579	1804.082
67.0	1209.555	1292.755	1520.827	1711.828	1775.039
67.5	1173.678	1258.928	1489.905	1683.126	1745.996
68.0	1138.314	1225.956	1459.154	1654.084	1718.661
68.5	1103.463	1193.154	1429.086	1625.895	1690.131
69.0	1068.782	1160.694	1399.359	1597.535	1663.138
69.5	1034.614	1128.918	1369.975	1570.030	1636.316
70.0	1000.616	1097.654	1341.103	1543.037	1609.665
70.5	967.473	1066.732	1312.230	1516.044	1583.355
71.0	934.672	1036.151	1283.871	1489.393	1557.387
71.5	902.212	1006.254	1256.195	1463.425	1531.761
72.0	870.435	976.186	1228.518	1437.628	1506.818
72.5	838.488	947.143	1201.525	1412.343	1482.047
73.0	807.395	918.271	1174.703	1387.401	1457.104
73.5	777.156	889.740	1148.736	1362.629	1432.844
74.0	747.259	862.064	1122.426	1338.711	1408.414
74.5	717.874	834.217	1097.312	1314.964	1385.350
75.0	688.660	807.053	1072.370	1291.730	1362.970
75.5	659.959	780.573	1047.768	1268.666	1340.248
76.0	632.112	754.605	1023.851	1245.773	1318.039
76.5	604.436	728.979	1000.104	1223.393	1295.830
77.0	577.101	703.524	976.699	1201.184	1274.304
77.5	550.279	678.752	953.635	1179.658	1252.949
78.0	523.799	654.492	931.255	1158.473	1231.935
78.5	497.831	630.574	909.045	1137.118	1211.093
79.0	472.376	607.340	887.520	1116.447	1190.592
79.5	447.091	584.277	866.335	1096.287	1170.091
80.0	422.148	561.555	845.151	1076.299	1150.615
80.5	397.889	539.516	824.650	1056.140	1130.797
81.0	374.313	517.819	805.003	1036.664	1111.492
81.5	350.395	496.635	785.357	1017.359	1092.187
82.0	327.332	475.963	766.222	998.737	1073.565
82.5	304.781	455.633	747.430	980.115	1055.285

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83.0	282.571	435.816	728.979	962.177	1037.518
83.5	260.533	416.511	711.382	943.897	1019.067
84.0	239.007	397.718	694.298	926.642	1001.471
84.5	217.652	379.609	677.556	909.558	984.216
85.0	197.151	362.012	661.155	892.645	966.961
85.5	176.650	345.270	645.096	876.244	950.218
86.0	156.490	329.211	629.379	860.185	933.647
86.5	136.502	314.177	614.515	844.126	917.075
87.0	116.855	299.655	599.481	828.921	900.845
87.5	97.209	286.159	585.302	813.545	885.299
88.0	77.733	273.004	571.293	798.682	869.581
88.5	58.086	260.704	557.796	783.990	854.376
89.0	40.148	249.086	544.983	769.810	839.342
89.5	25.455	238.323	532.512	756.143	824.650
90.0	15.205	228.756	521.065	743.159	811.154
90.5	10.763	220.385	510.473	730.175	796.803
91.0	11.446	212.697	499.710	717.020	783.136
91.5	13.667	205.351	488.947	704.549	769.468
92.0	16.230	199.201	478.697	691.906	756.143
92.5	18.963	193.905	469.984	679.777	742.988
93.0	21.697	189.292	460.929	668.330	730.346
93.5	24.601	185.704	452.387	657.055	718.387
94.0	27.676	182.629	444.358	646.463	706.770
94.5	30.581	180.408	436.841	635.700	694.811
95.0	33.485	178.700	429.836	625.108	683.364
95.5	36.218	177.504	423.344	615.028	672.089
96.0	38.439	176.991	417.706	605.290	660.984
96.5	40.660	176.991	412.069	596.235	650.734
97.0	42.710	177.162	406.943	587.523	640.483
97.5	44.931	177.846	402.160	579.151	631.087
98.0	46.810	178.529	397.889	570.951	621.520
98.5	49.031	179.383	394.301	563.092	612.636
99.0	51.252	180.408	390.543	555.746	603.923
99.5	53.644	181.604	387.297	548.742	595.381
100.0	55.694	182.800	384.734	542.250	587.693
100.5	58.086	184.167	382.172	535.929	579.835
101.0	60.136	185.533	380.292	529.949	572.830
101.5	62.186	186.900	378.413	524.311	565.655
102.0	64.065	188.267	377.046	519.015	559.334
102.5	65.945	189.634	375.680	514.061	553.013
103.0	67.824	191.171	374.655	509.106	547.375
103.5	69.874	192.709	373.800	504.835	541.566
104.0	72.095	194.075	372.946	500.906	536.270
104.5	74.316	195.613	372.434	497.148	531.316
105.0	76.366	197.151	371.921	493.731	526.532
105.5	78.245	198.517	371.409	490.143	522.432
106.0	80.466	200.226	371.238	487.068	518.332
106.5	82.516	201.763	371.238	484.164	514.232
107.0	84.566	203.472	371.238	481.430	510.815
107.5	86.446	204.838	371.238	479.380	507.227
108.0	88.837	206.547	371.238	476.988	503.640
108.5	91.058	208.255	371.409	475.280	501.248
109.0	93.279	209.622	371.750	473.059	498.856
109.5	95.671	211.160	371.921	471.521	496.293
110.0	98.063	212.697	372.263	469.813	494.243
110.5	100.455	214.235	372.604	468.275	492.364

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CANDELA TABULATION - (Cont.)

111.0	102.846	215.772	372.775	466.909	490.314
111.5	105.238	217.139	372.946	465.884	488.606
112.0	107.801	218.677	373.288	464.859	486.555
112.5	110.363	220.214	373.629	463.663	484.676
113.0	113.097	221.752	374.142	462.809	483.822
113.5	115.659	223.118	374.142	461.954	482.626
114.0	118.393	224.485	374.484	461.271	481.430
114.5	120.955	226.023	374.825	460.417	480.405
115.0	123.689	227.219	375.167	459.904	479.551
115.5	126.422	228.756	375.167	459.392	478.697
116.0	128.985	230.123	375.680	458.708	477.672
116.5	131.377	231.490	376.021	458.025	477.330
117.0	134.110	233.027	376.363	458.025	476.476
117.5	136.673	234.223	376.705	457.342	475.963
118.0	138.894	235.419	377.046	457.000	475.280
118.5	141.456	236.615	377.217	456.487	475.109
119.0	143.677	237.811	377.559	455.975	474.084
119.5	146.069	238.665	377.901	455.462	473.913
120.0	148.290	239.519	377.730	455.121	473.059
120.5	150.511	240.544	377.901	454.437	472.888
121.0	152.732	241.228	378.242	453.925	472.205
121.5	155.124	242.082	378.071	453.241	471.863
122.0	157.345	243.107	378.071	452.900	471.351
122.5	159.566	244.132	378.242	452.216	470.155
123.0	161.787	245.157	378.071	451.533	469.984
123.5	163.837	246.011	377.730	451.020	468.959
124.0	165.545	246.695	377.730	450.508	468.788
124.5	167.253	247.378	377.730	449.654	468.105
125.0	168.962	248.232	377.388	448.800	467.421
125.5	170.670	248.745	377.046	448.287	466.567
126.0	172.208	249.428	376.875	447.262	465.884
126.5	173.575	250.282	376.534	446.579	465.371
127.0	175.112	250.624	376.192	445.724	464.688
127.5	176.308	251.136	375.680	444.870	463.492
128.0	177.846	251.136	375.509	443.845	462.809
128.5	179.041	251.478	374.825	442.991	462.125
129.0	180.237	251.820	374.142	442.137	461.271
129.5	181.262	252.332	372.946	440.770	460.246
130.0	182.117	252.674	371.750	439.916	459.221
130.5	182.971	253.016	370.384	438.891	458.025
131.0	183.483	253.528	369.017	437.353	456.829
131.5	184.167	254.041	367.650	435.986	455.633
132.0	184.850	254.553	366.112	435.132	454.608
132.5	185.192	254.724	364.404	433.424	453.071
133.0	185.704	254.895	363.721	431.886	451.191
133.5	185.875	254.724	362.696	430.690	450.337
134.0	186.046	254.382	362.012	429.324	449.141
134.5	186.558	253.699	361.158	427.786	446.920
135.0	187.071	253.187	360.133	425.736	445.212
135.5	186.900	251.820	359.279	424.369	443.845
136.0	187.242	251.649	358.083	422.661	442.137
136.5	187.584	251.136	357.229	420.782	440.428
137.0	187.754	250.282	355.862	419.244	438.549
137.5	187.925	249.428	354.666	417.194	436.841
138.0	188.267	248.915	352.958	415.486	434.791
138.5	188.267	248.232	350.737	413.606	433.253

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	188.096	247.720	348.174	411.385	430.861
139.5	188.096	247.036	345.099	408.994	429.153
140.0	188.096	246.182	341.682	406.773	426.761
140.5	188.096	245.669	338.607	404.039	424.198
141.0	188.096	245.328	335.190	401.135	422.148
141.5	188.096	244.644	331.773	398.572	420.098
142.0	187.925	244.303	328.527	395.326	417.877
142.5	187.754	243.790	325.111	392.422	415.315
143.0	187.584	243.278	321.865	389.689	412.752
143.5	187.584	242.594	318.106	386.784	410.360
144.0	187.584	241.740	314.860	384.563	407.627
144.5	188.096	241.057	311.614	382.001	405.235
145.0	188.779	240.373	308.026	379.780	402.502
145.5	189.975	239.519	304.781	377.559	399.768
146.0	191.513	238.836	301.705	375.167	397.206
146.5	193.050	238.152	299.143	372.604	394.301
147.0	194.588	237.298	296.238	370.042	391.397
147.5	195.955	236.957	294.018	367.479	388.493
148.0	197.492	236.273	291.626	364.575	385.418
148.5	198.859	236.102	289.747	361.841	382.342
149.0	200.567	236.102	287.696	359.108	379.609
149.5	201.763	236.615	285.817	356.204	376.192
150.0	203.130	236.957	283.938	353.470	372.604
150.5	204.326	237.127	281.888	350.395	368.846
151.0	205.180	237.640	279.154	347.320	364.404
151.5	206.034	237.811	276.250	344.074	360.304
152.0	207.059	238.152	273.517	340.657	356.204
152.5	208.084	238.494	270.954	337.069	351.762
153.0	208.768	238.665	268.221	332.969	348.174
153.5	209.622	239.178	265.316	328.698	344.074
154.0	210.305	239.007	262.754	323.915	340.657
154.5	211.160	239.178	260.533	319.302	337.240
155.0	211.501	239.519	258.312	314.006	334.678
155.5	212.185	239.690	256.091	309.052	331.944
156.0	212.697	239.690	254.553	303.755	329.552
156.5	213.551	239.690	253.016	298.459	326.477
157.0	213.893	240.032	251.478	293.676	323.573
157.5	214.406	240.032	250.453	289.063	320.327
158.0	215.089	239.861	249.941	284.280	317.252
158.5	215.260	239.861	249.257	280.350	313.664
159.0	216.114	239.348	248.745	276.592	310.589
159.5	216.797	239.007	247.890	273.004	307.172
160.0	217.652	238.665	247.036	270.100	303.755
160.5	218.677	238.494	246.353	267.366	300.509
161.0	219.360	237.982	246.182	264.462	297.264
161.5	220.385	237.811	245.840	261.558	294.872
162.0	221.239	237.469	246.353	259.166	292.822
162.5	222.093	237.469	246.695	256.603	290.430
163.0	223.118	237.298	246.865	253.870	288.380
163.5	223.973	237.298	247.207	250.966	285.817
164.0	224.314	237.298	247.549	247.378	283.425
164.5	224.827	236.957	247.207	244.644	280.350
165.0	225.339	236.957	246.695	241.911	277.275
165.5	225.852	236.786	246.182	240.032	274.029
166.0	226.364	236.615	245.840	237.982	269.075
166.5	226.877	236.615	245.328	236.273	266.683

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	227.560	236.615	244.815	234.736	264.804
167.5	227.902	236.615	243.790	233.369	262.924
168.0	228.415	236.615	242.936	232.002	261.387
168.5	229.440	235.932	241.740	230.806	259.508
169.0	229.952	236.102	240.886	229.610	257.628
169.5	230.806	235.590	239.519	228.244	255.578
170.0	231.148	235.419	238.323	226.535	253.699
170.5	231.661	235.077	236.786	224.656	251.649
171.0	232.002	234.736	235.077	222.606	249.086
171.5	232.515	234.736	233.540	220.727	247.036
172.0	233.369	234.394	232.686	218.847	243.961
172.5	233.881	234.394	231.661	216.797	240.544
173.0	234.565	234.052	230.806	214.918	234.736
173.5	235.419	234.223	230.465	213.039	226.023
174.0	236.102	234.223	230.294	211.501	215.260
174.5	236.615	234.223	229.952	209.964	202.447
175.0	237.640	234.736	229.781	208.768	187.925
175.5	237.982	234.907	229.610	208.255	172.720
176.0	238.665	235.248	229.610	207.743	162.812
176.5	238.836	235.419	229.440	207.743	155.807
177.0	239.519	235.761	229.098	207.230	148.632
177.5	239.690	235.761	228.585	207.059	147.094
178.0	240.373	236.102	228.415	206.889	147.436
178.5	240.715	236.273	228.585	206.547	147.778
179.0	241.057	236.273	228.415	206.034	147.948
179.5	241.398	236.273	228.244	205.864	148.119
180.0	216.456	216.456	216.456	216.456	216.456

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-840-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1955.92	N.A.	11.70
0-30	4098.3	N.A.	24.50
0-40	6583.36	N.A.	39.40
0-60	11141.48	N.A.	66.70
0-80	13880.29	N.A.	83.10
0-90	14569.1	N.A.	87.30
10-90	14059.18	N.A.	84.20
20-40	4627.44	N.A.	27.70
20-50	7074.61	N.A.	42.40
40-70	6181.79	N.A.	37.00
60-80	2738.81	N.A.	16.40
70-80	1115.14	N.A.	6.70
80-90	688.81	N.A.	4.10
90-110	804.53	N.A.	4.80
90-120	1143.23	N.A.	6.80
90-130	1454.95	N.A.	8.70
90-150	1910.08	N.A.	11.40
90-180	2127.66	N.A.	12.70
110-180	1323.13	N.A.	7.90
0-180	16696.75	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	509.91
10-20	1446.00
20-30	2142.39
30-40	2485.05
40-50	2447.17
50-60	2110.95
60-70	1623.67
70-80	1115.14
80-90	688.81
90-100	441.32
100-110	363.21
110-120	338.70
120-130	311.72
130-140	261.95
140-150	193.18
150-160	126.31
160-170	69.59
170-180	21.68

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-840-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-8-L170-840-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

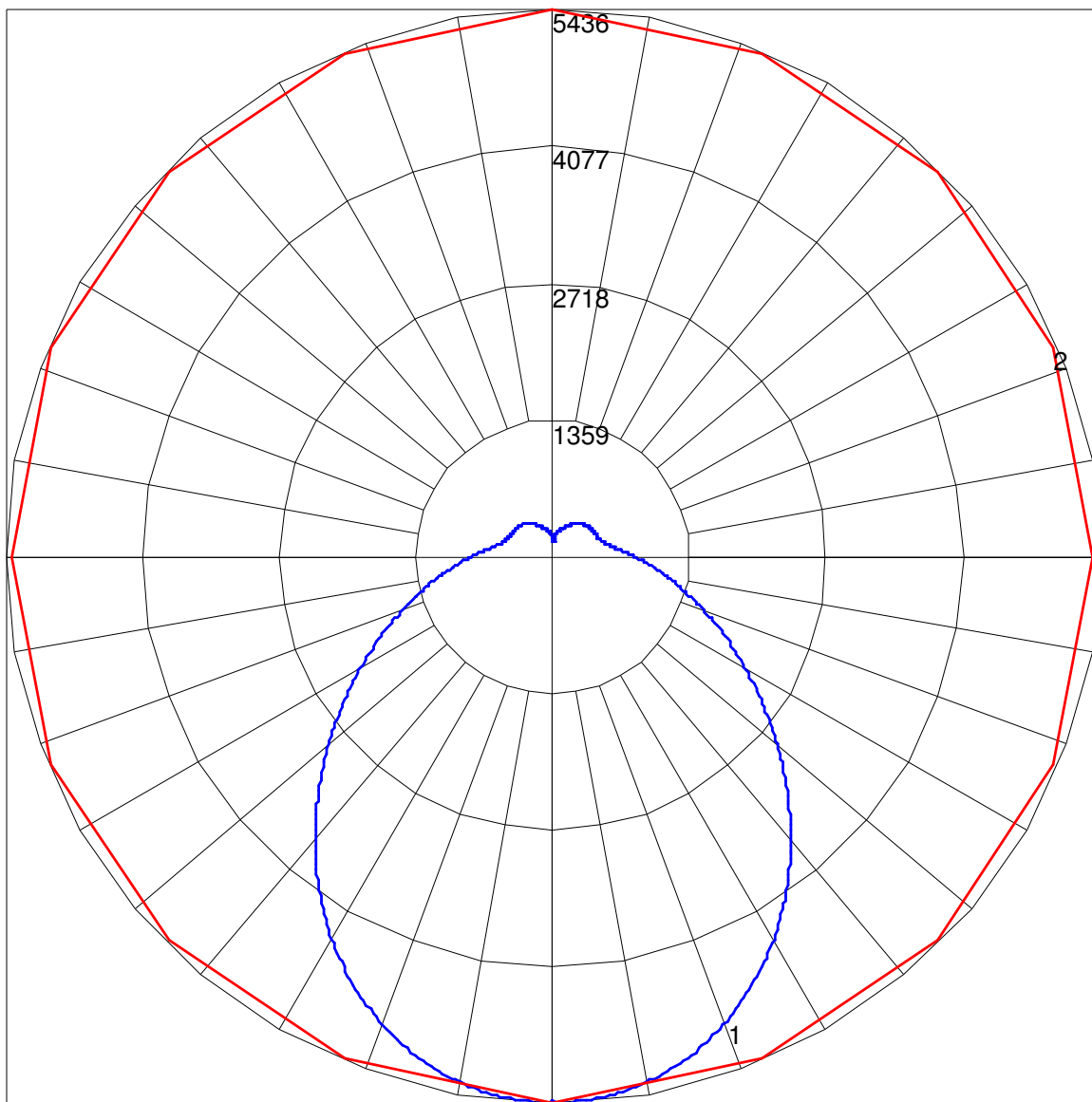
Reflectances

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	19.2	20.6	19.7	21.1	21.7	20.9	22.3	21.5	22.8	23.4
	3H	20.6	21.8	21.1	22.4	23.0	23.1	24.4	23.7	24.9	25.6
	4H	21.0	22.2	21.6	22.7	23.4	24.2	25.4	24.8	25.9	26.6
	6H	21.3	22.4	21.9	23.0	23.7	25.3	26.4	25.9	27.0	27.7
	8H	21.4	22.4	22.0	23.0	23.7	26.0	27.0	26.6	27.6	28.3
	12H	21.4	22.4	22.0	23.0	23.7	26.7	27.6	27.3	28.3	29.0
4H	2H	19.9	21.1	20.5	21.7	22.4	21.3	22.5	21.9	23.1	23.7
	3H	21.5	22.5	22.1	23.2	23.8	23.8	24.7	24.4	25.4	26.1
	4H	22.1	23.0	22.7	23.6	24.4	25.0	25.9	25.6	26.5	27.3
	6H	22.5	23.3	23.2	24.0	24.7	26.4	27.1	27.0	27.8	28.5
	8H	22.6	23.4	23.3	24.0	24.8	27.1	27.8	27.7	28.5	29.2
	12H	22.7	23.4	23.4	24.1	24.8	27.9	28.6	28.6	29.3	30.0
8H	4H	22.7	23.4	23.3	24.1	24.8	25.2	25.9	25.9	26.6	27.4
	6H	23.3	23.9	23.9	24.6	25.3	26.7	27.4	27.4	28.1	28.8
	8H	23.5	24.0	24.2	24.7	25.5	27.6	28.2	28.3	28.9	29.6
	12H	23.6	24.1	24.3	24.8	25.6	28.6	29.1	29.3	29.8	30.6
12H	4H	22.9	23.5	23.5	24.2	25.0	25.2	25.9	25.9	26.6	27.3
	6H	23.5	24.1	24.2	24.8	25.6	26.8	27.3	27.5	28.0	28.8
	8H	23.8	24.3	24.5	25.0	25.8	27.7	28.2	28.4	28.9	29.7

Maximum UGR = 30.6

POLAR GRAPH



Maximum Candela = 5436.164 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.)