

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-827-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-L170-827-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	15712
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	140
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	17379	15499	15244
55	15118	13298	13383
65	12805	11426	11927
75	10437	10034	11148
85	8197	9984	11778

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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	5084.845	5084.845	5084.845	5084.845	5084.845
0.5	5060.731	5080.022	5083.238	5081.630	5115.390
1.0	5060.731	5081.630	5081.630	5080.022	5113.782
1.5	5055.908	5081.630	5080.022	5078.415	5115.390
2.0	5054.301	5076.807	5080.022	5076.807	5110.567
2.5	5054.301	5076.807	5075.200	5075.200	5107.352
3.0	5049.478	5071.984	5071.984	5071.984	5104.136
3.5	5046.263	5067.162	5067.162	5068.769	5100.921
4.0	5043.047	5063.946	5063.946	5062.339	5097.706
4.5	5035.009	5059.123	5060.731	5059.123	5092.883
5.0	5030.187	5054.301	5054.301	5054.301	5088.060
5.5	5023.756	5047.870	5047.870	5049.478	5081.630
6.0	5020.541	5039.832	5041.440	5041.440	5075.200
6.5	5009.288	5033.402	5035.009	5035.009	5067.162
7.0	5002.857	5025.364	5026.971	5025.364	5060.731
7.5	4996.427	5015.718	5018.933	5018.933	5052.693
8.0	4988.389	5009.288	5009.288	5009.288	5041.440
8.5	4980.351	4998.035	5001.250	5001.250	5031.794
9.0	4967.490	4989.997	4991.604	4989.997	5020.541
9.5	4959.452	4978.743	4978.743	4978.743	5014.111
10.0	4946.591	4965.883	4965.883	4969.098	5001.250
10.5	4935.338	4954.629	4956.237	4956.237	4989.997
11.0	4924.085	4943.376	4944.984	4943.376	4977.136
11.5	4909.617	4930.515	4933.731	4930.515	4965.883
12.0	4896.756	4916.047	4919.262	4919.262	4951.414
12.5	4883.895	4901.578	4906.401	4903.186	4938.553
13.0	4869.426	4888.718	4891.933	4890.325	4924.085
13.5	4854.958	4872.642	4875.857	4875.857	4911.224
14.0	4837.274	4856.566	4859.781	4859.781	4893.540
14.5	4822.806	4840.490	4843.705	4843.705	4880.680
15.0	4808.338	4824.414	4826.021	4826.021	4861.388
15.5	4790.654	4805.122	4809.945	4809.945	4842.097
16.0	4771.363	4787.439	4792.262	4792.262	4826.021
16.5	4755.287	4768.148	4772.970	4774.578	4808.338
17.0	4732.780	4747.249	4753.679	4755.287	4789.046
17.5	4713.489	4727.957	4734.388	4735.995	4769.755
18.0	4695.805	4708.666	4713.489	4718.312	4752.072
18.5	4674.907	4689.375	4694.198	4697.413	4731.173
19.0	4654.008	4665.261	4673.299	4676.514	4708.666
19.5	4629.894	4645.970	4652.400	4658.831	4687.767
20.0	4604.172	4621.856	4629.894	4634.717	4665.261
20.5	4578.450	4600.957	4607.387	4613.818	4644.362
21.0	4557.552	4575.235	4580.058	4592.919	4621.856
21.5	4533.438	4551.121	4559.159	4565.590	4597.742
22.0	4507.716	4528.615	4536.653	4543.083	4576.843
22.5	4485.210	4499.678	4510.931	4520.577	4552.729
23.0	4457.880	4473.956	4485.210	4494.855	4527.007
23.5	4428.944	4446.627	4461.096	4470.741	4502.893
24.0	4400.007	4419.298	4433.766	4445.020	4477.172
24.5	4375.893	4391.969	4408.045	4417.690	4448.235
25.0	4348.563	4364.639	4382.323	4391.969	4422.513
25.5	4318.019	4337.310	4351.779	4366.247	4391.969
26.0	4289.082	4306.766	4326.057	4338.918	4367.855
26.5	4258.538	4276.221	4298.728	4309.981	4340.525

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CANDELA TABULATION - (Cont.)

27.0	4227.993	4244.069	4271.399	4285.867	4313.196
27.5	4192.626	4213.525	4240.854	4253.715	4285.867
28.0	4166.904	4182.980	4210.310	4224.778	4255.322
28.5	4133.145	4152.436	4179.765	4194.234	4224.778
29.0	4100.993	4120.284	4147.613	4165.297	4195.841
29.5	4067.233	4086.524	4115.461	4133.145	4163.689
30.0	4033.473	4054.372	4083.309	4105.816	4136.360
30.5	3998.106	4019.005	4052.765	4075.271	4104.208
31.0	3964.347	3985.245	4019.005	4043.119	4070.448
31.5	3928.979	3953.093	3986.853	4012.575	4041.511
32.0	3895.220	3916.118	3954.701	3978.815	4007.752
32.5	3858.245	3880.751	3920.941	3946.663	3975.600
33.0	3822.878	3846.992	3883.966	3914.511	3943.448
33.5	3789.118	3811.624	3851.814	3879.144	3909.688
34.0	3748.928	3774.649	3816.447	3846.992	3879.144
34.5	3711.953	3739.282	3782.688	3811.624	3843.776
35.0	3678.193	3700.700	3748.928	3779.472	3810.017
35.5	3634.788	3665.333	3711.953	3744.105	3774.649
36.0	3601.028	3626.750	3676.586	3708.738	3740.890
36.5	3559.231	3588.168	3639.611	3674.978	3708.738
37.0	3520.648	3551.193	3602.636	3638.003	3674.978
37.5	3480.458	3511.003	3567.269	3605.851	3638.003
38.0	3440.268	3472.420	3528.686	3568.876	3599.421
38.5	3398.471	3432.230	3491.712	3535.117	3564.054
39.0	3361.496	3392.040	3453.129	3498.142	3535.117
39.5	3319.698	3355.065	3416.154	3461.167	3496.534
40.0	3274.685	3313.268	3377.572	3427.407	3459.560
40.5	3232.888	3273.078	3340.597	3392.040	3424.192
41.0	3194.305	3232.888	3302.015	3355.065	3387.217
41.5	3152.508	3192.698	3263.432	3318.091	3351.850
42.0	3110.710	3152.508	3224.850	3282.723	3316.483
42.5	3070.520	3110.710	3184.660	3245.748	3279.508
43.0	3025.507	3070.520	3147.685	3210.381	3244.141
43.5	2986.925	3028.722	3107.495	3173.406	3208.774
44.0	2943.519	2986.925	3067.305	3138.039	3171.799
44.5	2903.329	2946.734	3027.115	3099.457	3134.824
45.0	2861.532	2904.937	2988.532	3065.697	3101.064
45.5	2819.734	2864.747	2949.950	3030.330	3065.697
46.0	2777.936	2822.949	2908.152	2991.747	3028.722
46.5	2736.139	2781.151	2872.785	2959.595	2993.355
47.0	2692.733	2740.961	2832.595	2921.013	2957.988
47.5	2650.936	2699.164	2792.405	2884.038	2921.013
48.0	2610.746	2657.366	2752.215	2850.278	2884.038
48.5	2565.733	2617.176	2715.240	2811.696	2848.671
49.0	2525.543	2573.771	2673.442	2774.721	2811.696
49.5	2483.745	2533.581	2634.860	2739.354	2776.329
50.0	2440.340	2491.783	2596.277	2700.771	2739.354
50.5	2400.150	2451.593	2556.087	2668.619	2705.594
51.0	2358.352	2409.795	2520.720	2631.644	2670.227
51.5	2318.162	2367.998	2480.530	2596.277	2634.860
52.0	2274.757	2327.808	2441.947	2559.302	2599.492
52.5	2232.959	2286.010	2404.973	2522.328	2565.733
53.0	2189.554	2245.820	2366.390	2490.175	2528.758
53.5	2147.756	2205.630	2329.415	2453.201	2494.998
54.0	2107.566	2165.440	2292.440	2417.833	2461.239
54.5	2068.984	2123.642	2255.466	2385.681	2427.479

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55.0	2028.794	2085.060	2218.491	2348.707	2396.935
55.5	1995.034	2044.870	2181.516	2314.947	2359.960
56.0	1956.452	2009.503	2146.149	2281.187	2326.200
56.5	1916.262	1972.528	2109.174	2247.428	2294.048
57.0	1877.679	1935.553	2073.807	2213.668	2260.288
57.5	1837.489	1896.970	2043.262	2181.516	2223.314
58.0	1797.299	1858.388	2007.895	2146.149	2195.984
58.5	1758.717	1819.805	1972.528	2115.604	2163.832
59.0	1720.134	1781.223	1938.768	2088.275	2130.073
59.5	1681.552	1744.248	1908.224	2054.515	2104.351
60.0	1642.969	1705.666	1874.464	2022.363	2072.199
60.5	1605.191	1668.691	1840.704	1991.819	2040.047
61.0	1567.251	1631.716	1806.945	1961.274	2009.503
61.5	1529.633	1595.063	1773.185	1930.730	1980.566
62.0	1492.658	1558.731	1741.033	1901.793	1950.021
62.5	1456.166	1522.721	1707.273	1872.856	1921.084
63.0	1419.191	1486.871	1675.121	1842.312	1895.363
63.5	1382.538	1451.504	1644.577	1813.375	1866.426
64.0	1346.849	1416.619	1612.425	1782.831	1837.489
64.5	1311.321	1382.538	1581.880	1753.894	1808.552
65.0	1276.114	1348.296	1551.175	1724.957	1781.223
65.5	1241.390	1314.858	1520.791	1696.020	1752.286
66.0	1206.184	1281.420	1490.729	1667.083	1724.957
66.5	1171.781	1248.785	1460.828	1639.754	1697.628
67.0	1138.182	1216.472	1431.087	1610.817	1670.298
67.5	1104.423	1184.642	1401.990	1583.809	1642.969
68.0	1071.145	1153.615	1373.053	1556.480	1617.248
68.5	1038.350	1122.749	1344.759	1529.955	1590.401
69.0	1005.716	1092.205	1316.787	1503.269	1565.001
69.5	973.564	1062.303	1289.136	1477.386	1539.761
70.0	941.572	1032.884	1261.968	1451.986	1514.683
70.5	910.385	1003.787	1234.799	1426.586	1489.926
71.0	879.519	975.011	1208.113	1401.507	1465.490
71.5	848.975	946.878	1182.070	1377.072	1441.376
72.0	819.073	918.584	1156.027	1352.797	1417.905
72.5	789.011	891.255	1130.626	1329.005	1394.595
73.0	759.753	864.086	1105.387	1305.534	1371.124
73.5	731.298	837.239	1080.952	1282.223	1348.296
74.0	703.165	811.196	1056.195	1259.717	1325.307
74.5	675.514	784.992	1032.563	1237.371	1303.604
75.0	648.024	759.431	1009.092	1215.508	1282.545
75.5	621.017	734.513	985.942	1193.805	1261.164
76.0	594.813	710.078	963.436	1172.263	1240.265
76.5	568.770	685.964	941.090	1151.204	1219.366
77.0	543.048	662.011	919.066	1130.305	1199.110
77.5	517.809	638.700	897.363	1110.049	1179.015
78.0	492.891	615.872	876.304	1090.115	1159.242
78.5	468.455	593.366	855.405	1070.020	1139.629
79.0	444.502	571.503	835.149	1050.568	1120.338
79.5	420.709	549.800	815.215	1031.598	1101.047
80.0	397.238	528.419	795.281	1012.789	1082.720
80.5	374.411	507.681	775.989	993.820	1064.072
81.0	352.226	487.264	757.502	975.493	1045.906
81.5	329.719	467.330	739.015	957.327	1027.740
82.0	308.017	447.878	721.009	939.804	1010.217
82.5	286.796	428.747	703.326	922.281	993.016

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83.0	265.897	410.099	685.964	905.401	976.297
83.5	245.159	391.933	669.405	888.200	958.935
84.0	224.904	374.250	653.329	871.963	942.376
84.5	204.808	357.209	637.575	855.887	926.140
85.0	185.517	340.651	622.142	839.972	909.903
85.5	166.226	324.896	607.031	824.539	894.148
86.0	147.256	309.785	592.241	809.428	878.554
86.5	128.447	295.638	578.254	794.316	862.961
87.0	109.960	281.973	564.108	780.008	847.689
87.5	91.473	269.273	550.764	765.540	833.059
88.0	73.146	256.895	537.582	751.554	818.269
88.5	54.658	245.320	524.882	737.729	803.962
89.0	37.779	234.388	512.825	724.385	789.815
89.5	23.953	224.260	501.090	711.525	775.989
90.0	14.308	215.258	490.319	699.307	763.289
90.5	10.128	207.381	480.351	687.089	749.786
91.0	10.771	200.146	470.224	674.711	736.925
91.5	12.861	193.234	460.096	662.975	724.064
92.0	15.272	187.446	450.450	651.079	711.525
92.5	17.844	182.463	442.251	639.665	699.146
93.0	20.417	178.122	433.731	628.894	687.250
93.5	23.149	174.746	425.693	618.284	675.997
94.0	26.043	171.853	418.137	608.317	665.065
94.5	28.776	169.763	411.064	598.189	653.812
95.0	31.509	168.155	404.473	588.222	643.041
95.5	34.081	167.030	398.364	578.737	632.431
96.0	36.171	166.548	393.059	569.573	621.981
96.5	38.261	166.548	387.754	561.053	612.336
97.0	40.190	166.708	382.931	552.854	602.690
97.5	42.280	167.351	378.430	544.977	593.848
98.0	44.048	167.994	374.411	537.261	584.846
98.5	46.138	168.798	371.035	529.866	576.486
99.0	48.228	169.763	367.498	522.953	568.287
99.5	50.479	170.888	364.443	516.362	560.249
100.0	52.408	172.013	362.032	510.253	553.015
100.5	54.658	173.299	359.621	504.305	545.620
101.0	56.588	174.586	357.852	498.678	539.029
101.5	58.517	175.872	356.084	493.373	532.277
102.0	60.285	177.158	354.798	488.389	526.329
102.5	62.053	178.444	353.512	483.727	520.381
103.0	63.822	179.891	352.547	479.065	515.076
103.5	65.751	181.338	351.743	475.046	509.610
104.0	67.841	182.624	350.940	471.349	504.626
104.5	69.931	184.070	350.457	467.812	499.964
105.0	71.860	185.517	349.975	464.597	495.463
105.5	73.628	186.803	349.493	461.221	491.605
106.0	75.718	188.411	349.332	458.327	487.746
106.5	77.647	189.858	349.332	455.594	483.888
107.0	79.576	191.465	349.332	453.022	480.673
107.5	81.345	192.751	349.332	451.093	477.297
108.0	83.595	194.359	349.332	448.842	473.921
108.5	85.685	195.967	349.493	447.235	471.670
109.0	87.775	197.253	349.814	445.145	469.420
109.5	90.026	198.700	349.975	443.698	467.008
110.0	92.276	200.146	350.296	442.091	465.079
110.5	94.527	201.593	350.618	440.644	463.311

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CANDELA TABULATION - (Cont.)

111.0	96.778	203.040	350.779	439.358	461.382
111.5	99.028	204.326	350.940	438.393	459.774
112.0	101.440	205.773	351.261	437.429	457.845
112.5	103.851	207.220	351.583	436.303	456.077
113.0	106.423	208.667	352.065	435.499	455.273
113.5	108.835	209.953	352.065	434.696	454.148
114.0	111.407	211.239	352.386	434.053	453.022
114.5	113.818	212.686	352.708	433.249	452.058
115.0	116.390	213.811	353.029	432.766	451.254
115.5	118.963	215.258	353.029	432.284	450.450
116.0	121.374	216.544	353.512	431.641	449.486
116.5	123.625	217.830	353.833	430.998	449.164
117.0	126.197	219.277	354.155	430.998	448.360
117.5	128.608	220.402	354.476	430.355	447.878
118.0	130.698	221.528	354.798	430.034	447.235
118.5	133.109	222.653	354.959	429.551	447.074
119.0	135.199	223.778	355.280	429.069	446.110
119.5	137.450	224.582	355.602	428.587	445.949
120.0	139.540	225.386	355.441	428.265	445.145
120.5	141.630	226.350	355.602	427.622	444.984
121.0	143.720	226.993	355.923	427.140	444.341
121.5	145.970	227.797	355.762	426.497	444.020
122.0	148.060	228.762	355.762	426.175	443.537
122.5	150.150	229.726	355.923	425.532	442.412
123.0	152.240	230.691	355.762	424.889	442.251
123.5	154.169	231.495	355.441	424.407	441.287
124.0	155.777	232.138	355.441	423.925	441.126
124.5	157.384	232.781	355.441	423.121	440.483
125.0	158.992	233.585	355.119	422.317	439.840
125.5	160.599	234.067	354.798	421.835	439.036
126.0	162.046	234.710	354.637	420.870	438.393
126.5	163.332	235.514	354.315	420.227	437.911
127.0	164.779	235.835	353.994	419.423	437.268
127.5	165.905	236.317	353.512	418.620	436.142
128.0	167.351	236.317	353.351	417.655	435.499
128.5	168.477	236.639	352.708	416.851	434.856
129.0	169.602	236.961	352.065	416.047	434.053
129.5	170.567	237.443	350.940	414.761	433.088
130.0	171.370	237.764	349.814	413.958	432.123
130.5	172.174	238.086	348.528	412.993	430.998
131.0	172.656	238.568	347.242	411.546	429.873
131.5	173.299	239.050	345.956	410.260	428.747
132.0	173.943	239.533	344.509	409.456	427.783
132.5	174.264	239.693	342.902	407.849	426.336
133.0	174.746	239.854	342.258	406.402	424.568
133.5	174.907	239.693	341.294	405.276	423.764
134.0	175.068	239.372	340.651	403.990	422.639
134.5	175.550	238.729	339.847	402.544	420.549
135.0	176.032	238.247	338.883	400.614	418.941
135.5	175.872	236.961	338.079	399.328	417.655
136.0	176.193	236.800	336.953	397.721	416.047
136.5	176.515	236.317	336.150	395.952	414.440
137.0	176.675	235.514	334.863	394.506	412.671
137.5	176.836	234.710	333.738	392.576	411.064
138.0	177.158	234.228	332.131	390.969	409.135
138.5	177.158	233.585	330.041	389.200	407.688

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	176.997	233.102	327.629	387.111	405.437
139.5	176.997	232.459	324.736	384.860	403.830
140.0	176.997	231.655	321.520	382.770	401.579
140.5	176.997	231.173	318.627	380.198	399.168
141.0	176.997	230.852	315.412	377.465	397.238
141.5	176.997	230.209	312.196	375.054	395.309
142.0	176.836	229.887	309.142	371.999	393.219
142.5	176.675	229.405	305.927	369.266	390.808
143.0	176.515	228.923	302.872	366.694	388.397
143.5	176.515	228.279	299.335	363.961	386.146
144.0	176.515	227.476	296.281	361.871	383.574
144.5	176.997	226.833	293.227	359.460	381.323
145.0	177.640	226.190	289.851	357.370	378.751
145.5	178.765	225.386	286.796	355.280	376.179
146.0	180.212	224.743	283.903	353.029	373.767
146.5	181.659	224.100	281.491	350.618	371.035
147.0	183.106	223.296	278.758	348.207	368.302
147.5	184.392	222.974	276.668	345.795	365.569
148.0	185.839	222.331	274.418	343.062	362.675
148.5	187.125	222.171	272.649	340.490	359.781
149.0	188.732	222.171	270.720	337.918	357.209
149.5	189.858	222.653	268.952	335.185	353.994
150.0	191.144	222.974	267.183	332.613	350.618
150.5	192.269	223.135	265.254	329.719	347.081
151.0	193.073	223.617	262.682	326.825	342.902
151.5	193.877	223.778	259.949	323.771	339.043
152.0	194.841	224.100	257.377	320.556	335.185
152.5	195.806	224.421	254.966	317.180	331.005
153.0	196.449	224.582	252.394	313.322	327.629
153.5	197.253	225.064	249.661	309.303	323.771
154.0	197.896	224.904	247.249	304.801	320.556
154.5	198.700	225.064	245.159	300.461	317.341
155.0	199.021	225.386	243.069	295.477	314.929
155.5	199.664	225.547	240.980	290.815	312.357
156.0	200.146	225.547	239.533	285.832	310.106
156.5	200.950	225.547	238.086	280.848	307.213
157.0	201.272	225.868	236.639	276.347	304.480
157.5	201.754	225.868	235.674	272.006	301.425
158.0	202.397	225.707	235.192	267.505	298.532
158.5	202.558	225.707	234.549	263.807	295.156
159.0	203.362	225.225	234.067	260.271	292.262
159.5	204.005	224.904	233.263	256.895	289.047
160.0	204.808	224.582	232.459	254.162	285.832
160.5	205.773	224.421	231.816	251.590	282.777
161.0	206.416	223.939	231.655	248.857	279.723
161.5	207.381	223.778	231.334	246.124	277.472
162.0	208.184	223.457	231.816	243.873	275.543
162.5	208.988	223.457	232.138	241.462	273.292
163.0	209.953	223.296	232.298	238.890	271.363
163.5	210.757	223.296	232.620	236.157	268.952
164.0	211.078	223.296	232.942	232.781	266.701
164.5	211.560	222.974	232.620	230.209	263.807
165.0	212.043	222.974	232.138	227.636	260.914
165.5	212.525	222.814	231.655	225.868	257.859
166.0	213.007	222.653	231.334	223.939	253.197
166.5	213.490	222.653	230.852	222.331	250.947

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	214.133	222.653	230.369	220.885	249.178
167.5	214.454	222.653	229.405	219.598	247.410
168.0	214.936	222.653	228.601	218.312	245.963
168.5	215.901	222.010	227.476	217.187	244.195
169.0	216.383	222.171	226.672	216.062	242.426
169.5	217.187	221.688	225.386	214.776	240.497
170.0	217.509	221.528	224.260	213.168	238.729
170.5	217.991	221.206	222.814	211.400	236.800
171.0	218.312	220.885	221.206	209.471	234.388
171.5	218.795	220.885	219.759	207.702	232.459
172.0	219.598	220.563	218.955	205.934	229.566
172.5	220.081	220.563	217.991	204.005	226.350
173.0	220.724	220.241	217.187	202.236	220.885
173.5	221.528	220.402	216.866	200.468	212.686
174.0	222.171	220.402	216.705	199.021	202.558
174.5	222.653	220.402	216.383	197.574	190.501
175.0	223.617	220.885	216.222	196.449	176.836
175.5	223.939	221.045	216.062	195.967	162.529
176.0	224.582	221.367	216.062	195.484	153.204
176.5	224.743	221.528	215.901	195.484	146.613
177.0	225.386	221.849	215.579	195.002	139.861
177.5	225.547	221.849	215.097	194.841	138.415
178.0	226.190	222.171	214.936	194.681	138.736
178.5	226.511	222.331	215.097	194.359	139.058
179.0	226.833	222.331	214.936	193.877	139.218
179.5	227.154	222.331	214.776	193.716	139.379
180.0	203.683	203.683	203.683	203.683	203.683

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1840.5	N.A.	11.70
0-30	3856.47	N.A.	24.50
0-40	6194.89	N.A.	39.40
0-60	10484.05	N.A.	66.70
0-80	13061.25	N.A.	83.10
0-90	13709.41	N.A.	87.30
10-90	13229.59	N.A.	84.20
20-40	4354.39	N.A.	27.70
20-50	6657.16	N.A.	42.40
40-70	5817.02	N.A.	37.00
60-80	2577.2	N.A.	16.40
70-80	1049.34	N.A.	6.70
80-90	648.16	N.A.	4.10
90-110	757.06	N.A.	4.80
90-120	1075.77	N.A.	6.80
90-130	1369.1	N.A.	8.70
90-150	1797.37	N.A.	11.40
90-180	2002.11	N.A.	12.70
110-180	1245.05	N.A.	7.90
0-180	15711.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	479.83
10-20	1360.68
20-30	2015.97
30-40	2338.42
40-50	2302.77
50-60	1986.39
60-70	1527.86
70-80	1049.34
80-90	648.16
90-100	415.28
100-110	341.78
110-120	318.71
120-130	293.33
130-140	246.49
140-150	181.78
150-160	118.85
160-170	65.48
170-180	20.40

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-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-L170-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

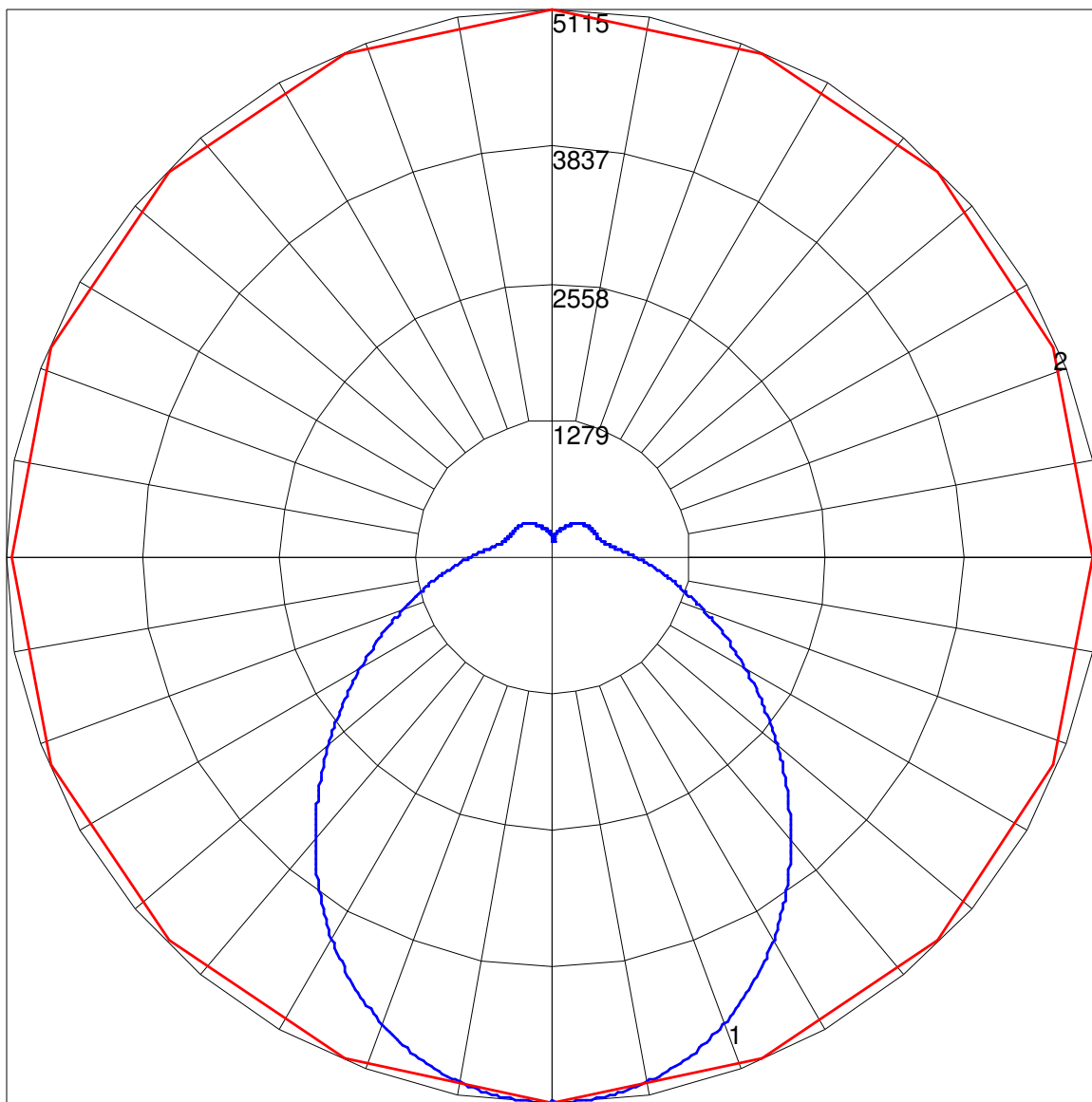
Reflectances

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	19.0	20.4	19.5	20.9	21.5	20.7	22.1	21.3	22.6	23.2
	3H	20.4	21.6	20.9	22.2	22.8	22.9	24.2	23.5	24.7	25.4
	4H	20.8	22.0	21.4	22.5	23.2	24.0	25.2	24.6	25.7	26.4
	6H	21.1	22.2	21.7	22.8	23.5	25.1	26.2	25.7	26.8	27.5
	8H	21.2	22.2	21.8	22.8	23.5	25.8	26.8	26.4	27.4	28.1
	12H	21.2	22.2	21.8	22.8	23.5	26.5	27.4	27.1	28.1	28.8
4H	2H	19.7	20.9	20.3	21.5	22.2	21.1	22.3	21.7	22.9	23.5
	3H	21.3	22.3	21.9	23.0	23.6	23.6	24.5	24.2	25.2	25.9
	4H	21.9	22.8	22.5	23.4	24.2	24.8	25.7	25.4	26.3	27.1
	6H	22.3	23.1	23.0	23.8	24.5	26.2	26.9	26.8	27.6	28.3
	8H	22.4	23.2	23.1	23.8	24.6	26.9	27.6	27.5	28.3	29.0
	12H	22.5	23.2	23.2	23.9	24.6	27.7	28.4	28.4	29.1	29.8
8H	4H	22.5	23.2	23.1	23.9	24.6	25.0	25.7	25.7	26.4	27.2
	6H	23.1	23.7	23.7	24.4	25.1	26.5	27.2	27.2	27.9	28.6
	8H	23.3	23.8	24.0	24.5	25.3	27.4	28.0	28.1	28.7	29.4
	12H	23.4	23.9	24.1	24.6	25.4	28.4	28.9	29.1	29.6	30.4
12H	4H	22.7	23.3	23.3	24.0	24.8	25.0	25.7	25.7	26.4	27.1
	6H	23.3	23.9	24.0	24.6	25.4	26.6	27.1	27.3	27.8	28.6
	8H	23.6	24.1	24.3	24.8	25.6	27.5	28.0	28.2	28.7	29.5

Maximum UGR = 30.4

POLAR GRAPH



Maximum Candela = 5115.39 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.)