

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-940-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-L170-940-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	13930
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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	15408	13741	13515
55	13404	11790	11865
65	11353	10130	10574
75	9254	8896	9884
85	7268	8852	10443

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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	4508.211	4508.211	4508.211	4508.211	4508.211
0.5	4486.832	4503.935	4506.786	4505.360	4535.292
1.0	4486.832	4505.360	4505.360	4503.935	4533.866
1.5	4482.556	4505.360	4503.935	4502.510	4535.292
2.0	4481.130	4501.085	4503.935	4501.085	4531.016
2.5	4481.130	4501.085	4499.659	4499.659	4528.165
3.0	4476.855	4496.809	4496.809	4496.809	4525.315
3.5	4474.004	4492.533	4492.533	4493.958	4522.464
4.0	4471.153	4489.682	4489.682	4488.257	4519.613
4.5	4464.027	4485.406	4486.832	4485.406	4515.338
5.0	4459.751	4481.130	4481.130	4481.130	4511.062
5.5	4454.050	4475.429	4475.429	4476.855	4505.360
6.0	4451.199	4468.303	4469.728	4469.728	4499.659
6.5	4441.222	4462.602	4464.027	4464.027	4492.533
7.0	4435.521	4455.475	4456.900	4455.475	4486.832
7.5	4429.820	4446.923	4449.774	4449.774	4479.705
8.0	4422.693	4441.222	4441.222	4441.222	4469.728
8.5	4415.567	4431.245	4434.096	4434.096	4461.176
9.0	4404.164	4424.119	4425.544	4424.119	4451.199
9.5	4397.038	4414.142	4414.142	4414.142	4445.498
10.0	4385.636	4402.739	4402.739	4405.590	4434.096
10.5	4375.659	4392.762	4394.187	4394.187	4424.119
11.0	4365.681	4382.785	4384.210	4382.785	4412.716
11.5	4352.854	4371.383	4374.233	4371.383	4402.739
12.0	4341.451	4358.555	4361.406	4361.406	4389.912
12.5	4330.049	4345.727	4350.003	4347.153	4378.509
13.0	4317.221	4334.325	4337.176	4335.750	4365.681
13.5	4304.394	4320.072	4322.923	4322.923	4354.279
14.0	4288.716	4305.819	4308.670	4308.670	4338.601
14.5	4275.888	4291.566	4294.417	4294.417	4327.199
15.0	4263.060	4277.313	4278.738	4278.738	4310.095
15.5	4247.382	4260.210	4264.485	4264.485	4292.991
16.0	4230.278	4244.531	4248.807	4248.807	4278.738
16.5	4216.025	4227.428	4231.704	4233.129	4263.060
17.0	4196.071	4208.899	4214.600	4216.025	4245.957
17.5	4178.968	4191.795	4197.497	4198.922	4228.853
18.0	4163.289	4174.692	4178.968	4183.244	4213.175
18.5	4144.761	4157.588	4161.864	4164.715	4194.646
19.0	4126.232	4136.209	4143.335	4146.186	4174.692
19.5	4104.852	4119.105	4124.806	4130.508	4156.163
20.0	4082.048	4097.726	4104.852	4109.128	4136.209
20.5	4059.243	4079.197	4084.898	4090.599	4117.680
21.0	4040.714	4056.392	4060.668	4072.071	4097.726
21.5	4019.335	4035.013	4042.139	4047.840	4076.346
22.0	3996.530	4015.059	4022.185	4027.886	4057.818
22.5	3976.576	3989.403	3999.380	4007.932	4036.438
23.0	3952.346	3966.599	3976.576	3985.127	4013.633
23.5	3926.690	3942.369	3955.196	3963.748	3992.254
24.0	3901.035	3918.139	3930.966	3940.943	3969.449
24.5	3879.656	3893.909	3908.161	3916.713	3943.794
25.0	3855.426	3869.679	3885.357	3893.909	3920.989
25.5	3828.345	3845.448	3858.276	3871.104	3893.909
26.0	3802.690	3818.368	3835.471	3846.874	3872.529
26.5	3775.609	3791.287	3811.241	3821.218	3848.299

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27.0	3748.528	3762.781	3787.011	3799.839	3824.069
27.5	3717.172	3735.701	3759.931	3771.333	3799.839
28.0	3694.367	3708.620	3732.850	3745.678	3772.758
28.5	3664.436	3681.539	3705.769	3718.597	3745.678
29.0	3635.930	3653.034	3677.264	3692.942	3720.022
29.5	3605.999	3623.102	3648.758	3664.436	3691.517
30.0	3576.068	3594.596	3620.252	3640.206	3667.286
30.5	3544.711	3563.240	3593.171	3613.125	3638.781
31.0	3514.780	3533.309	3563.240	3584.619	3608.849
31.5	3483.423	3504.803	3534.734	3557.539	3583.194
32.0	3453.492	3472.021	3506.228	3527.607	3553.263
32.5	3420.710	3440.664	3476.297	3499.102	3524.757
33.0	3389.354	3410.733	3443.515	3470.596	3496.251
33.5	3359.423	3379.377	3415.009	3439.239	3466.320
34.0	3323.790	3346.595	3383.653	3410.733	3439.239
34.5	3291.008	3315.238	3353.721	3379.377	3407.883
35.0	3261.077	3281.031	3323.790	3350.871	3377.951
35.5	3222.594	3249.675	3291.008	3319.514	3346.595
36.0	3192.663	3215.468	3259.652	3288.158	3316.664
36.5	3155.605	3181.261	3226.870	3258.227	3288.158
37.0	3121.398	3148.479	3194.088	3225.445	3258.227
37.5	3085.766	3112.846	3162.732	3196.939	3225.445
38.0	3050.133	3078.639	3128.525	3164.157	3191.238
38.5	3013.076	3043.007	3095.743	3134.226	3159.881
39.0	2980.294	3007.374	3061.536	3101.444	3134.226
39.5	2943.236	2974.593	3028.754	3068.662	3100.019
40.0	2903.328	2937.535	2994.547	3038.731	3067.237
40.5	2866.270	2901.903	2961.765	3007.374	3035.880
41.0	2832.063	2866.270	2927.558	2974.593	3003.099
41.5	2795.005	2830.638	2893.351	2941.811	2971.742
42.0	2757.948	2795.005	2859.144	2910.454	2940.386
42.5	2722.315	2757.948	2823.511	2877.673	2907.604
43.0	2682.407	2722.315	2790.729	2846.316	2876.247
43.5	2648.200	2685.258	2755.097	2813.534	2844.891
44.0	2609.717	2648.200	2719.465	2782.178	2812.109
44.5	2574.084	2612.567	2683.832	2747.971	2779.327
45.0	2537.027	2575.510	2649.625	2718.039	2749.396
45.5	2499.969	2539.877	2615.418	2686.683	2718.039
46.0	2462.911	2502.820	2578.360	2652.476	2685.258
46.5	2425.854	2465.762	2547.004	2623.970	2653.901
47.0	2387.371	2430.130	2511.371	2589.763	2622.545
47.5	2350.313	2393.072	2475.739	2556.981	2589.763
48.0	2314.681	2356.014	2440.107	2527.050	2556.981
48.5	2274.772	2320.382	2407.325	2492.843	2525.624
49.0	2239.140	2281.899	2370.267	2460.061	2492.843
49.5	2202.082	2246.266	2336.060	2428.704	2461.486
50.0	2163.599	2209.209	2301.853	2394.497	2428.704
50.5	2127.967	2173.576	2266.221	2365.991	2398.773
51.0	2090.909	2136.519	2234.864	2333.209	2367.417
51.5	2055.277	2099.461	2199.232	2301.853	2336.060
52.0	2016.794	2063.829	2165.025	2269.071	2304.704
52.5	1979.736	2026.771	2132.243	2236.289	2274.772
53.0	1941.253	1991.138	2098.036	2207.783	2241.991
53.5	1904.195	1955.506	2065.254	2175.002	2212.059
54.0	1868.563	1919.874	2032.472	2143.645	2182.128
54.5	1834.356	1882.816	1999.690	2115.139	2152.197

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55.0	1798.723	1848.609	1966.908	2082.357	2125.116
55.5	1768.792	1812.976	1934.127	2052.426	2092.334
56.0	1734.585	1781.620	1902.770	2022.495	2062.403
56.5	1698.953	1748.838	1869.988	1992.564	2033.897
57.0	1664.746	1716.056	1838.632	1962.633	2003.966
57.5	1629.113	1681.849	1811.551	1934.127	1971.184
58.0	1593.481	1647.642	1780.195	1902.770	1946.954
58.5	1559.274	1613.435	1748.838	1875.689	1918.448
59.0	1525.067	1579.228	1718.907	1851.459	1888.517
59.5	1490.860	1546.446	1691.826	1821.528	1865.712
60.0	1456.652	1512.239	1661.895	1793.022	1837.206
60.5	1423.158	1479.457	1631.964	1765.942	1808.701
61.0	1389.521	1446.675	1602.033	1738.861	1781.620
61.5	1356.169	1414.179	1572.101	1711.780	1755.965
62.0	1323.387	1381.967	1543.596	1686.125	1728.884
62.5	1291.033	1350.040	1513.664	1660.470	1703.229
63.0	1258.251	1318.256	1485.158	1633.389	1680.424
63.5	1225.755	1286.900	1458.078	1607.734	1654.769
64.0	1194.113	1255.971	1429.572	1580.653	1629.113
64.5	1162.614	1225.755	1402.491	1554.998	1603.458
65.0	1131.400	1195.396	1375.268	1529.343	1579.228
65.5	1100.614	1165.750	1348.330	1503.687	1553.573
66.0	1069.400	1136.103	1321.677	1478.032	1529.343
66.5	1038.898	1107.170	1295.166	1453.802	1505.113
67.0	1009.110	1078.521	1268.798	1428.147	1480.882
67.5	979.178	1050.301	1243.001	1404.202	1456.652
68.0	949.675	1022.792	1217.345	1379.972	1433.848
68.5	920.599	995.427	1192.260	1356.454	1410.045
69.0	891.665	968.346	1167.460	1332.794	1387.526
69.5	863.159	941.836	1142.945	1309.847	1365.148
70.0	834.796	915.753	1118.857	1287.327	1342.914
70.5	807.145	889.955	1094.770	1264.808	1320.964
71.0	779.779	864.442	1071.110	1242.573	1299.300
71.5	752.699	839.499	1048.020	1220.909	1277.920
72.0	726.188	814.414	1024.930	1199.387	1257.111
72.5	699.535	790.184	1002.411	1178.292	1236.444
73.0	673.595	766.097	980.033	1157.483	1215.635
73.5	648.367	742.294	958.369	1136.816	1195.396
74.0	623.424	719.204	936.419	1116.862	1175.014
74.5	598.909	695.972	915.468	1097.050	1155.772
75.0	574.537	673.310	894.658	1077.666	1137.101
75.5	550.592	651.218	874.134	1058.425	1118.145
76.0	527.360	629.553	854.180	1039.326	1099.616
76.5	504.270	608.174	834.368	1020.654	1081.087
77.0	481.465	586.937	814.842	1002.126	1063.128
77.5	459.088	566.270	795.600	984.167	1045.312
78.0	436.996	546.031	776.929	966.493	1027.781
78.5	415.331	526.077	758.400	948.677	1010.392
79.0	394.094	506.693	740.441	931.431	993.289
79.5	373.000	487.451	722.768	914.612	976.185
80.0	352.191	468.495	705.094	897.936	959.937
80.5	331.951	450.108	687.990	881.118	943.403
81.0	312.282	432.007	671.599	864.870	927.298
81.5	292.328	414.334	655.209	848.764	911.192
82.0	273.087	397.087	639.245	833.228	895.656
82.5	254.273	380.126	623.567	817.692	880.405

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83.0	235.744	363.593	608.174	802.727	865.582
83.5	217.358	347.487	593.493	787.476	850.189
84.0	199.399	331.809	579.240	773.081	835.508
84.5	181.583	316.701	565.272	758.828	821.113
85.0	164.479	302.020	551.590	744.717	806.718
85.5	147.376	288.052	538.192	731.034	792.750
86.0	130.557	274.655	525.079	717.637	778.924
86.5	113.881	262.112	512.679	704.239	765.099
87.0	97.490	249.997	500.136	691.554	751.559
87.5	81.099	238.737	488.306	678.726	738.588
88.0	64.851	227.762	476.619	666.326	725.476
88.5	48.460	217.500	465.359	654.068	712.791
89.0	33.494	207.808	454.669	642.238	700.248
89.5	21.237	198.829	444.265	630.836	687.990
90.0	12.685	190.847	434.715	620.004	676.731
90.5	8.979	183.863	425.878	609.171	664.758
91.0	9.549	177.449	416.899	598.197	653.356
91.5	11.402	171.321	407.920	587.792	641.953
92.0	13.540	166.190	399.368	577.245	630.836
92.5	15.821	161.771	392.099	567.125	619.861
93.0	18.101	157.923	384.545	557.576	609.314
93.5	20.524	154.930	377.418	548.169	599.337
94.0	23.090	152.364	370.719	539.332	589.645
94.5	25.513	150.511	364.448	530.353	579.668
95.0	27.936	149.086	358.604	521.516	570.118
95.5	30.216	148.088	353.188	513.107	560.711
96.0	32.069	147.661	348.485	504.982	551.447
96.5	33.922	147.661	343.781	497.428	542.895
97.0	35.632	147.803	339.505	490.159	534.343
97.5	37.485	148.373	335.515	483.175	526.504
98.0	39.053	148.943	331.951	476.334	518.523
98.5	40.906	149.656	328.958	469.778	511.111
99.0	42.759	150.511	325.823	463.649	503.842
99.5	44.754	151.509	323.115	457.805	496.716
100.0	46.465	152.507	320.977	452.389	490.302
100.5	48.460	153.647	318.839	447.115	483.745
101.0	50.170	154.787	317.271	442.127	477.902
101.5	51.881	155.927	315.703	437.423	471.915
102.0	53.449	157.068	314.563	433.005	466.642
102.5	55.016	158.208	313.423	428.872	461.368
103.0	56.584	159.491	312.567	424.738	456.665
103.5	58.295	160.773	311.855	421.175	451.819
104.0	60.147	161.914	311.142	417.897	447.400
104.5	62.000	163.196	310.715	414.761	443.267
105.0	63.711	164.479	310.287	411.911	439.276
105.5	65.279	165.619	309.859	408.917	435.856
106.0	67.131	167.045	309.717	406.352	432.435
106.5	68.842	168.327	309.717	403.929	429.014
107.0	70.552	169.753	309.717	401.648	426.163
107.5	72.120	170.893	309.717	399.938	423.170
108.0	74.115	172.318	309.717	397.943	420.177
108.5	75.968	173.744	309.859	396.517	418.182
109.0	77.821	174.884	310.144	394.664	416.186
109.5	79.817	176.167	310.287	393.382	414.048
110.0	81.812	177.449	310.572	391.956	412.338
110.5	83.807	178.732	310.857	390.674	410.770

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CANDELA TABULATION - (Cont.)

111.0	85.803	180.015	311.000	389.533	409.060
111.5	87.798	181.155	311.142	388.678	407.635
112.0	89.936	182.438	311.427	387.823	405.924
112.5	92.074	183.721	311.712	386.825	404.356
113.0	94.355	185.003	312.140	386.113	403.644
113.5	96.493	186.144	312.140	385.400	402.646
114.0	98.773	187.284	312.425	384.830	401.648
114.5	100.911	188.567	312.710	384.117	400.793
115.0	103.191	189.564	312.995	383.690	400.081
115.5	105.472	190.847	312.995	383.262	399.368
116.0	107.610	191.987	313.423	382.692	398.513
116.5	109.605	193.128	313.708	382.122	398.228
117.0	111.886	194.410	313.993	382.122	397.515
117.5	114.024	195.408	314.278	381.552	397.087
118.0	115.877	196.406	314.563	381.267	396.517
118.5	118.015	197.403	314.705	380.839	396.375
119.0	119.867	198.401	314.990	380.411	395.520
119.5	121.863	199.114	315.275	379.984	395.377
120.0	123.716	199.826	315.133	379.699	394.664
120.5	125.569	200.682	315.275	379.129	394.522
121.0	127.421	201.252	315.561	378.701	393.952
121.5	129.417	201.964	315.418	378.131	393.667
122.0	131.270	202.820	315.418	377.846	393.239
122.5	133.123	203.675	315.561	377.276	392.241
123.0	134.976	204.530	315.418	376.706	392.099
123.5	136.686	205.243	315.133	376.278	391.244
124.0	138.111	205.813	315.133	375.851	391.101
124.5	139.536	206.383	315.133	375.138	390.531
125.0	140.962	207.096	314.848	374.425	389.961
125.5	142.387	207.523	314.563	373.998	389.248
126.0	143.670	208.093	314.420	373.142	388.678
126.5	144.810	208.806	314.135	372.572	388.251
127.0	146.093	209.091	313.850	371.860	387.680
127.5	147.091	209.519	313.423	371.147	386.683
128.0	148.373	209.519	313.280	370.292	386.113
128.5	149.371	209.804	312.710	369.579	385.543
129.0	150.369	210.089	312.140	368.867	384.830
129.5	151.224	210.516	311.142	367.726	383.975
130.0	151.937	210.801	310.144	367.014	383.120
130.5	152.649	211.086	309.004	366.159	382.122
131.0	153.077	211.514	307.864	364.876	381.124
131.5	153.647	211.942	306.724	363.736	380.126
132.0	154.217	212.369	305.441	363.023	379.271
132.5	154.502	212.512	304.016	361.598	377.988
133.0	154.930	212.654	303.446	360.315	376.421
133.5	155.072	212.512	302.590	359.317	375.708
134.0	155.215	212.227	302.020	358.177	374.710
134.5	155.642	211.656	301.308	356.894	372.857
135.0	156.070	211.229	300.452	355.184	371.432
135.5	155.927	210.089	299.740	354.044	370.292
136.0	156.212	209.946	298.742	352.618	368.867
136.5	156.497	209.519	298.029	351.050	367.441
137.0	156.640	208.806	296.889	349.768	365.873
137.5	156.783	208.093	295.891	348.057	364.448
138.0	157.068	207.666	294.466	346.632	362.738
138.5	157.068	207.096	292.613	345.064	361.455

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	156.925	206.668	290.475	343.211	359.460
139.5	156.925	206.098	287.910	341.216	358.034
140.0	156.925	205.385	285.059	339.363	356.039
140.5	156.925	204.958	282.494	337.082	353.901
141.0	156.925	204.672	279.643	334.659	352.191
141.5	156.925	204.102	276.792	332.522	350.480
142.0	156.783	203.817	274.084	329.813	348.627
142.5	156.640	203.390	271.234	327.390	346.489
143.0	156.497	202.962	268.526	325.110	344.352
143.5	156.497	202.392	265.390	322.687	342.356
144.0	156.497	201.679	262.682	320.834	340.076
144.5	156.925	201.109	259.974	318.696	338.080
145.0	157.495	200.539	256.981	316.843	335.800
145.5	158.493	199.826	254.273	314.990	333.519
146.0	159.776	199.256	251.707	312.995	331.381
146.5	161.058	198.686	249.569	310.857	328.958
147.0	162.341	197.974	247.146	308.719	326.535
147.5	163.481	197.689	245.293	306.581	324.112
148.0	164.764	197.118	243.298	304.158	321.547
148.5	165.904	196.976	241.730	301.878	318.981
149.0	167.330	196.976	240.020	299.597	316.701
149.5	168.327	197.403	238.452	297.174	313.850
150.0	169.468	197.689	236.884	294.894	310.857
150.5	170.465	197.831	235.174	292.328	307.721
151.0	171.178	198.259	232.893	289.763	304.016
151.5	171.891	198.401	230.470	287.055	300.595
152.0	172.746	198.686	228.190	284.204	297.174
152.5	173.601	198.971	226.052	281.211	293.468
153.0	174.171	199.114	223.771	277.790	290.475
153.5	174.884	199.541	221.348	274.227	287.055
154.0	175.454	199.399	219.211	270.236	284.204
154.5	176.167	199.541	217.358	266.388	281.353
155.0	176.452	199.826	215.505	261.969	279.215
155.5	177.022	199.969	213.652	257.836	276.935
156.0	177.449	199.969	212.369	253.418	274.940
156.5	178.162	199.969	211.086	248.999	272.374
157.0	178.447	200.254	209.804	245.008	269.951
157.5	178.875	200.254	208.948	241.160	267.243
158.0	179.445	200.112	208.521	237.169	264.677
158.5	179.587	200.112	207.951	233.891	261.684
159.0	180.300	199.684	207.523	230.755	259.119
159.5	180.870	199.399	206.810	227.762	256.268
160.0	181.583	199.114	206.098	225.339	253.418
160.5	182.438	198.971	205.528	223.059	250.710
161.0	183.008	198.544	205.385	220.636	248.001
161.5	183.863	198.401	205.100	218.213	246.006
162.0	184.576	198.116	205.528	216.217	244.296
162.5	185.288	198.116	205.813	214.079	242.300
163.0	186.144	197.974	205.955	211.799	240.590
163.5	186.856	197.974	206.240	209.376	238.452
164.0	187.141	197.974	206.525	206.383	236.457
164.5	187.569	197.689	206.240	204.102	233.891
165.0	187.997	197.689	205.813	201.822	231.326
165.5	188.424	197.546	205.385	200.254	228.617
166.0	188.852	197.403	205.100	198.544	224.484
166.5	189.279	197.403	204.672	197.118	222.489

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	189.849	197.403	204.245	195.836	220.921
167.5	190.134	197.403	203.390	194.695	219.353
168.0	190.562	197.403	202.677	193.555	218.070
168.5	191.417	196.833	201.679	192.557	216.502
169.0	191.845	196.976	200.967	191.560	214.935
169.5	192.557	196.548	199.826	190.420	213.224
170.0	192.843	196.406	198.829	188.994	211.656
170.5	193.270	196.121	197.546	187.426	209.946
171.0	193.555	195.836	196.121	185.716	207.808
171.5	193.983	195.836	194.838	184.148	206.098
172.0	194.695	195.551	194.125	182.580	203.532
172.5	195.123	195.551	193.270	180.870	200.682
173.0	195.693	195.266	192.557	179.302	195.836
173.5	196.406	195.408	192.272	177.734	188.567
174.0	196.976	195.408	192.130	176.452	179.587
174.5	197.403	195.408	191.845	175.169	168.898
175.0	198.259	195.836	191.702	174.171	156.783
175.5	198.544	195.978	191.560	173.744	144.097
176.0	199.114	196.263	191.560	173.316	135.831
176.5	199.256	196.406	191.417	173.316	129.987
177.0	199.826	196.691	191.132	172.888	124.001
177.5	199.969	196.691	190.705	172.746	122.718
178.0	200.539	196.976	190.562	172.603	123.003
178.5	200.824	197.118	190.705	172.318	123.288
179.0	201.109	197.118	190.562	171.891	123.431
179.5	201.394	197.118	190.420	171.748	123.573
180.0	180.585	180.585	180.585	180.585	180.585

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1631.79	N.A.	11.70
0-30	3419.14	N.A.	24.50
0-40	5492.37	N.A.	39.40
0-60	9295.13	N.A.	66.70
0-80	11580.07	N.A.	83.10
0-90	12154.73	N.A.	87.30
10-90	11729.32	N.A.	84.20
20-40	3860.59	N.A.	27.70
20-50	5902.22	N.A.	42.40
40-70	5157.35	N.A.	37.00
60-80	2284.94	N.A.	16.40
70-80	930.34	N.A.	6.70
80-90	574.66	N.A.	4.10
90-110	671.20	N.A.	4.80
90-120	953.77	N.A.	6.80
90-130	1213.84	N.A.	8.70
90-150	1593.54	N.A.	11.40
90-180	1775.06	N.A.	12.70
110-180	1103.86	N.A.	7.90
0-180	13929.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	425.41
10-20	1206.37
20-30	1787.35
30-40	2073.24
40-50	2041.63
50-60	1761.13
60-70	1354.6
70-80	930.34
80-90	574.66
90-100	368.19
100-110	303.02
110-120	282.57
120-130	260.06
130-140	218.54
140-150	161.17
150-160	105.38
160-170	58.06
170-180	18.09

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-940-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-L170-940-DIM-UNV_.IES

UGR TABLE - CORRECTED

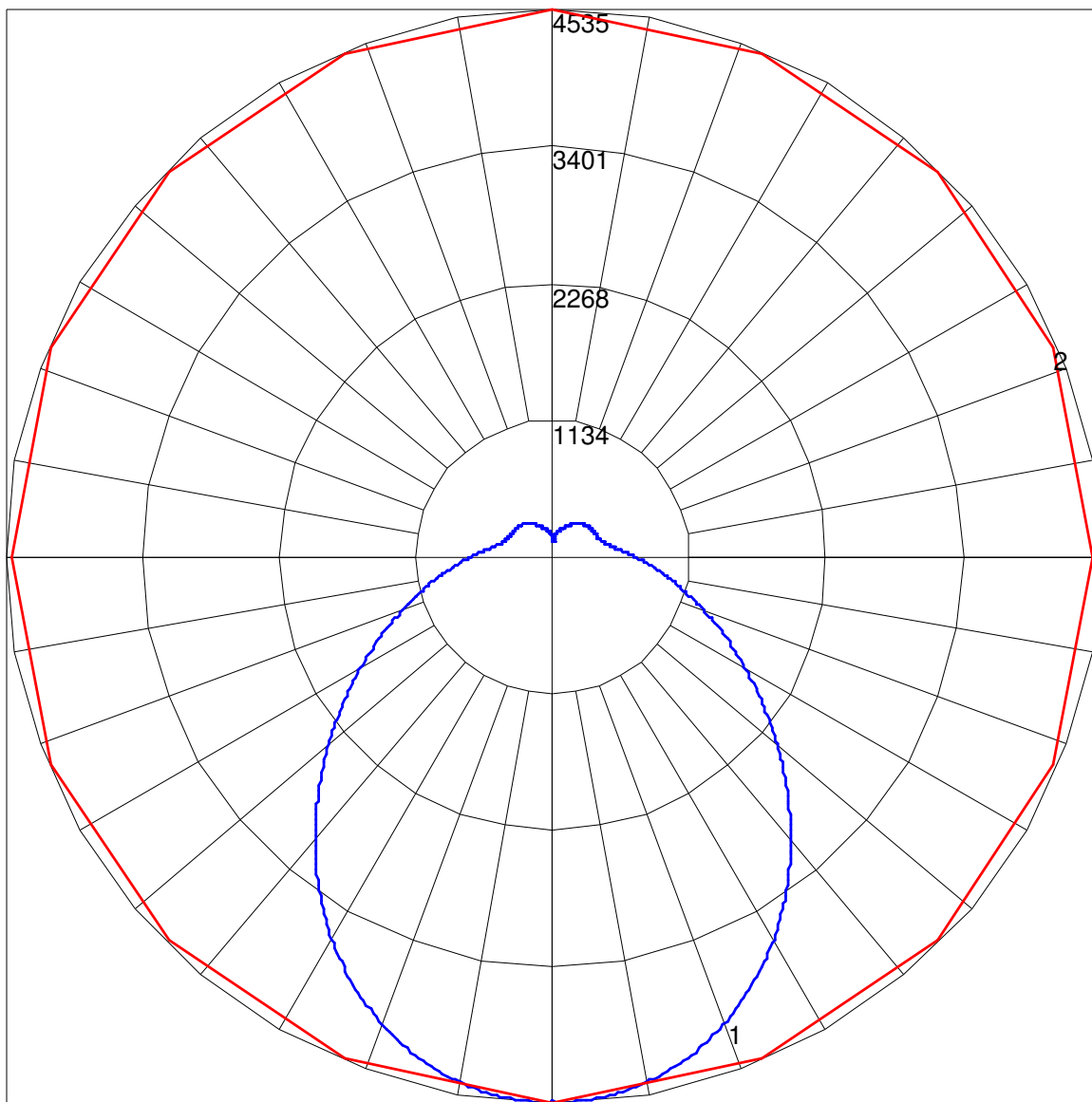
Reflectances

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	18.6	20.0	19.1	20.5	21.1	20.3	21.7	20.9	22.2	22.8
	3H	20.0	21.2	20.5	21.8	22.4	22.5	23.8	23.1	24.3	25.0
	4H	20.4	21.6	21.0	22.1	22.8	23.6	24.8	24.2	25.3	26.0
	6H	20.7	21.8	21.3	22.4	23.1	24.7	25.8	25.3	26.4	27.1
	8H	20.8	21.8	21.4	22.4	23.1	25.4	26.4	26.0	27.0	27.7
	12H	20.8	21.8	21.4	22.4	23.1	26.1	27.0	26.7	27.7	28.4
4H	2H	19.3	20.5	19.9	21.1	21.8	20.7	21.9	21.3	22.5	23.1
	3H	20.9	21.9	21.5	22.6	23.2	23.2	24.1	23.8	24.8	25.5
	4H	21.5	22.4	22.1	23.0	23.8	24.4	25.3	25.0	25.9	26.7
	6H	21.9	22.7	22.6	23.4	24.1	25.8	26.5	26.4	27.2	27.9
	8H	22.0	22.8	22.7	23.4	24.2	26.5	27.2	27.1	27.9	28.6
	12H	22.1	22.8	22.8	23.5	24.2	27.3	28.0	28.0	28.7	29.4
8H	4H	22.1	22.8	22.7	23.5	24.2	24.6	25.3	25.3	26.0	26.8
	6H	22.7	23.3	23.3	24.0	24.7	26.1	26.8	26.8	27.5	28.2
	8H	22.9	23.4	23.6	24.1	24.9	27.0	27.6	27.7	28.3	29.0
	12H	23.0	23.5	23.7	24.2	25.0	28.0	28.5	28.7	29.2	30.0
12H	4H	22.3	22.9	22.9	23.6	24.4	24.6	25.3	25.3	26.0	26.7
	6H	22.9	23.5	23.6	24.2	25.0	26.2	26.7	26.9	27.4	28.2
	8H	23.2	23.7	23.9	24.4	25.2	27.1	27.6	27.8	28.3	29.1

Maximum UGR = 30.0

POLAR GRAPH



Maximum Candela = 4535.292 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.)