

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-935-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-L170-935-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	13444
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
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	14870	13262	13044
55	12936	11379	11451
65	10957	9777	10205
75	8931	8586	9539
85	7014	8543	10078

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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	4350.950	4350.950	4350.950	4350.950	4350.950
0.5	4330.316	4346.823	4349.574	4348.199	4377.086
1.0	4330.316	4348.199	4348.199	4346.823	4375.710
1.5	4326.190	4348.199	4346.823	4345.448	4377.086
2.0	4324.814	4344.072	4346.823	4344.072	4372.959
2.5	4324.814	4344.072	4342.697	4342.697	4370.208
3.0	4320.687	4339.945	4339.945	4339.945	4367.457
3.5	4317.936	4335.819	4335.819	4337.194	4364.706
4.0	4315.185	4333.067	4333.067	4331.692	4361.955
4.5	4308.307	4328.941	4330.316	4328.941	4357.828
5.0	4304.180	4324.814	4324.814	4324.814	4353.701
5.5	4298.678	4319.312	4319.312	4320.687	4348.199
6.0	4295.927	4312.434	4313.809	4313.809	4342.697
6.5	4286.298	4306.932	4308.307	4308.307	4335.819
7.0	4280.796	4300.054	4301.429	4300.054	4330.316
7.5	4275.293	4291.800	4294.551	4294.551	4323.438
8.0	4268.415	4286.298	4286.298	4286.298	4313.809
8.5	4261.537	4276.669	4279.420	4279.420	4305.556
9.0	4250.533	4269.791	4271.167	4269.791	4295.927
9.5	4243.655	4260.162	4260.162	4260.162	4290.425
10.0	4232.650	4249.157	4249.157	4251.908	4279.420
10.5	4223.021	4239.528	4240.904	4240.904	4269.791
11.0	4213.392	4229.899	4231.275	4229.899	4258.786
11.5	4201.012	4218.895	4221.646	4218.895	4249.157
12.0	4190.007	4206.514	4209.266	4209.266	4236.777
12.5	4179.003	4194.134	4198.261	4195.510	4225.772
13.0	4166.623	4183.130	4185.881	4184.505	4213.392
13.5	4154.242	4169.374	4172.125	4172.125	4202.388
14.0	4139.111	4155.618	4158.369	4158.369	4187.256
14.5	4126.731	4141.862	4144.613	4144.613	4176.252
15.0	4114.351	4128.106	4129.482	4129.482	4159.745
15.5	4099.219	4111.600	4115.726	4115.726	4143.238
16.0	4082.712	4096.468	4100.595	4100.595	4129.482
16.5	4068.957	4079.961	4084.088	4085.464	4114.351
17.0	4049.699	4062.079	4067.581	4068.957	4097.844
17.5	4033.192	4045.572	4051.074	4052.450	4081.337
18.0	4018.060	4029.065	4033.192	4037.318	4066.206
18.5	4000.178	4012.558	4016.685	4019.436	4048.323
19.0	3982.295	3991.924	3998.802	4001.553	4029.065
19.5	3961.662	3975.417	3980.920	3986.422	4011.182
20.0	3939.652	3954.784	3961.662	3965.788	3991.924
20.5	3917.643	3936.901	3942.404	3947.906	3974.042
21.0	3899.761	3914.892	3919.019	3930.023	3954.784
21.5	3879.127	3894.258	3901.136	3906.639	3934.150
22.0	3857.118	3875.000	3881.878	3887.381	3916.268
22.5	3837.860	3850.240	3859.869	3868.122	3895.634
23.0	3814.475	3828.231	3837.860	3846.113	3873.625
23.5	3789.715	3804.846	3817.226	3825.480	3852.991
24.0	3764.954	3781.461	3793.841	3803.470	3830.982
24.5	3744.321	3758.076	3771.832	3780.086	3806.221
25.0	3720.936	3734.691	3749.823	3758.076	3784.212
25.5	3694.800	3711.307	3723.687	3736.067	3758.076
26.0	3670.039	3685.171	3701.678	3712.682	3737.443
26.5	3643.903	3659.035	3678.293	3687.922	3714.058

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27.0	3617.767	3631.523	3654.908	3667.288	3690.673
27.5	3587.505	3605.387	3628.772	3639.777	3667.288
28.0	3565.496	3579.251	3602.636	3615.016	3641.152
28.5	3536.608	3553.115	3576.500	3588.880	3615.016
29.0	3509.097	3525.604	3548.989	3564.120	3590.256
29.5	3480.210	3496.717	3521.477	3536.608	3562.744
30.0	3451.323	3469.205	3493.966	3513.224	3539.360
30.5	3421.060	3438.942	3467.830	3487.088	3511.848
31.0	3392.173	3410.055	3438.942	3459.576	3482.961
31.5	3361.910	3382.544	3411.431	3433.440	3458.201
32.0	3333.023	3350.906	3383.919	3404.553	3429.313
32.5	3301.385	3320.643	3355.032	3377.041	3401.802
33.0	3271.122	3291.756	3323.394	3349.530	3374.290
33.5	3242.235	3261.493	3295.882	3319.267	3345.403
34.0	3207.846	3229.855	3265.620	3291.756	3319.267
34.5	3176.207	3199.592	3236.733	3261.493	3289.005
35.0	3147.320	3166.578	3207.846	3233.981	3260.117
35.5	3110.180	3136.315	3176.207	3203.719	3229.855
36.0	3081.292	3103.302	3145.945	3173.456	3200.968
36.5	3045.527	3070.288	3114.306	3144.569	3173.456
37.0	3012.514	3038.650	3082.668	3112.931	3144.569
37.5	2978.124	3004.260	3052.405	3085.419	3112.931
38.0	2943.735	2971.246	3019.391	3053.781	3079.917
38.5	2907.970	2936.857	2987.753	3024.894	3049.654
39.0	2876.331	2902.467	2954.739	2993.255	3024.894
39.5	2840.566	2870.829	2923.101	2961.617	2991.880
40.0	2802.050	2835.064	2890.087	2932.730	2960.242
40.5	2766.285	2800.675	2858.449	2902.467	2929.979
41.0	2733.271	2766.285	2825.435	2870.829	2898.341
41.5	2697.506	2731.896	2792.421	2839.191	2868.078
42.0	2661.741	2697.506	2759.407	2808.928	2837.815
42.5	2627.352	2661.741	2725.018	2777.290	2806.177
43.0	2588.836	2627.352	2693.380	2747.027	2775.914
43.5	2555.822	2591.587	2658.990	2715.389	2745.652
44.0	2518.681	2555.822	2624.601	2685.126	2714.013
44.5	2484.292	2521.433	2590.211	2652.112	2682.375
45.0	2448.527	2485.668	2557.198	2623.225	2653.488
45.5	2412.762	2451.278	2524.184	2592.963	2623.225
46.0	2376.997	2415.513	2488.419	2559.949	2591.587
46.5	2341.232	2379.748	2458.156	2532.437	2561.324
47.0	2304.091	2345.359	2423.767	2499.423	2531.062
47.5	2268.326	2309.594	2389.377	2467.785	2499.423
48.0	2233.937	2273.829	2354.988	2438.898	2467.785
48.5	2195.421	2239.439	2323.350	2405.884	2437.522
49.0	2161.031	2202.299	2287.585	2374.246	2405.884
49.5	2125.266	2167.909	2254.571	2343.983	2375.621
50.0	2088.126	2132.144	2221.557	2310.969	2343.983
50.5	2053.736	2097.755	2187.167	2283.458	2315.096
51.0	2017.971	2061.990	2156.905	2251.820	2284.833
51.5	1983.582	2026.225	2122.515	2221.557	2254.571
52.0	1946.441	1991.835	2089.501	2189.919	2224.308
52.5	1910.676	1956.070	2057.863	2158.280	2195.421
53.0	1873.536	1921.681	2024.849	2130.769	2163.783
53.5	1837.771	1887.292	1993.211	2099.130	2134.895
54.0	1803.381	1852.902	1961.573	2068.868	2106.008
54.5	1770.368	1817.137	1929.934	2041.356	2077.121

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55.0	1735.978	1784.123	1898.296	2009.718	2050.985
55.5	1707.091	1749.734	1866.658	1980.831	2019.347
56.0	1674.077	1719.471	1836.395	1951.944	1990.460
56.5	1639.688	1687.833	1804.757	1923.057	1962.948
57.0	1606.674	1656.195	1774.494	1894.169	1934.061
57.5	1572.284	1623.181	1748.358	1866.658	1902.423
58.0	1537.895	1590.167	1718.096	1836.395	1879.038
58.5	1504.881	1557.153	1687.833	1810.259	1851.527
59.0	1471.867	1524.139	1658.946	1786.874	1822.639
59.5	1438.854	1492.501	1632.810	1757.987	1800.630
60.0	1405.840	1459.487	1603.923	1730.476	1773.119
60.5	1373.514	1427.849	1575.036	1704.340	1745.607
61.0	1341.050	1396.211	1546.149	1678.204	1719.471
61.5	1308.861	1364.847	1517.261	1652.068	1694.711
62.0	1277.223	1333.759	1489.750	1627.308	1668.575
62.5	1245.998	1302.947	1460.863	1602.547	1643.814
63.0	1214.359	1272.271	1433.351	1576.411	1621.805
63.5	1182.996	1242.008	1407.215	1551.651	1597.045
64.0	1152.458	1212.158	1379.704	1525.515	1572.284
64.5	1122.058	1182.996	1353.568	1500.754	1547.524
65.0	1091.933	1153.696	1327.294	1475.994	1524.139
65.5	1062.221	1125.084	1301.296	1451.234	1499.379
66.0	1032.095	1096.472	1275.573	1426.473	1475.994
66.5	1002.658	1068.548	1249.987	1403.089	1452.609
67.0	973.908	1040.899	1224.539	1378.328	1429.224
67.5	945.021	1013.663	1199.641	1355.218	1405.840
68.0	916.547	987.114	1174.880	1331.834	1383.830
68.5	888.485	960.703	1150.670	1309.137	1360.858
69.0	860.561	934.567	1126.735	1286.302	1339.124
69.5	833.049	908.981	1103.075	1264.155	1317.528
70.0	805.675	883.808	1079.828	1242.421	1296.069
70.5	778.989	858.910	1056.581	1220.687	1274.885
71.0	752.578	834.287	1033.746	1199.228	1253.976
71.5	726.442	810.215	1011.462	1178.319	1233.342
72.0	700.856	786.005	989.177	1157.548	1213.259
72.5	675.133	762.620	967.443	1137.189	1193.313
73.0	650.098	739.373	945.847	1117.106	1173.230
73.5	625.750	716.400	924.938	1097.160	1153.696
74.0	601.677	694.116	903.754	1077.902	1134.026
74.5	578.017	671.694	883.533	1058.782	1115.455
75.0	554.495	649.823	863.450	1040.074	1097.435
75.5	531.385	628.501	843.641	1021.503	1079.140
76.0	508.963	607.592	824.383	1003.071	1061.258
76.5	486.679	586.959	805.263	985.051	1043.375
77.0	464.670	566.463	786.417	967.168	1026.043
77.5	443.073	546.517	767.847	949.836	1008.848
78.0	421.752	526.984	749.827	932.779	991.929
78.5	400.843	507.725	731.945	915.584	975.147
79.0	380.347	489.018	714.612	898.940	958.640
79.5	359.988	470.447	697.555	882.708	942.133
80.0	339.905	452.152	680.498	866.613	926.451
80.5	320.372	434.407	663.991	850.382	910.494
81.0	301.389	416.937	648.172	834.700	894.950
81.5	282.131	399.880	632.353	819.156	879.406
82.0	263.561	383.236	616.946	804.162	864.413
82.5	245.403	366.866	601.815	789.169	849.694

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83.0	227.520	350.910	586.959	774.725	835.388
83.5	209.775	335.366	572.790	760.006	820.532
84.0	192.443	320.234	559.034	746.113	806.363
84.5	175.249	305.653	545.554	732.357	792.470
85.0	158.742	291.485	532.348	718.739	778.577
85.5	142.235	278.004	519.418	705.533	765.096
86.0	126.003	265.074	506.763	692.603	751.753
86.5	109.909	252.969	494.795	679.673	738.410
87.0	94.089	241.276	482.690	667.430	725.342
87.5	78.270	230.409	471.273	655.050	712.824
88.0	62.589	219.817	459.993	643.082	700.169
88.5	46.770	209.913	449.126	631.252	687.926
89.0	32.326	200.559	438.809	619.835	675.821
89.5	20.496	191.893	428.767	608.830	663.991
90.0	12.243	184.190	419.551	598.376	653.124
90.5	8.666	177.449	411.022	587.922	641.569
91.0	9.216	171.259	402.356	577.330	630.564
91.5	11.005	165.344	393.690	567.288	619.560
92.0	13.068	160.392	385.437	557.109	608.830
92.5	15.269	156.128	378.421	547.342	598.238
93.0	17.470	152.414	371.131	538.126	588.059
93.5	19.808	149.525	364.253	529.047	578.430
94.0	22.284	147.049	357.788	520.518	569.076
94.5	24.623	145.261	351.735	511.852	559.447
95.0	26.961	143.885	346.095	503.324	550.231
95.5	29.162	142.922	340.868	495.208	541.152
96.0	30.950	142.510	336.329	487.367	532.211
96.5	32.739	142.510	331.789	480.076	523.957
97.0	34.389	142.647	327.662	473.061	515.704
97.5	36.178	143.198	323.811	466.321	508.138
98.0	37.691	143.748	320.372	459.718	500.435
98.5	39.479	144.436	317.483	453.390	493.282
99.0	41.267	145.261	314.457	447.475	486.266
99.5	43.193	146.224	311.843	441.835	479.389
100.0	44.844	147.187	309.780	436.608	473.198
100.5	46.770	148.287	307.717	431.518	466.871
101.0	48.420	149.388	306.203	426.704	461.231
101.5	50.071	150.488	304.690	422.165	455.454
102.0	51.584	151.589	303.590	417.900	450.364
102.5	53.097	152.689	302.489	413.911	445.274
103.0	54.610	153.927	301.664	409.922	440.735
103.5	56.261	155.165	300.976	406.483	436.058
104.0	58.049	156.266	300.288	403.319	431.794
104.5	59.838	157.504	299.876	400.293	427.804
105.0	61.488	158.742	299.463	397.542	423.953
105.5	63.001	159.842	299.050	394.653	420.651
106.0	64.790	161.218	298.913	392.177	417.350
106.5	66.440	162.456	298.913	389.839	414.049
107.0	68.091	163.831	298.913	387.638	411.298
107.5	69.604	164.932	298.913	385.987	408.409
108.0	71.530	166.307	298.913	384.061	405.520
108.5	73.318	167.683	299.050	382.686	403.594
109.0	75.107	168.783	299.326	380.897	401.668
109.5	77.032	170.021	299.463	379.659	399.605
110.0	78.958	171.259	299.738	378.284	397.954
110.5	80.884	172.497	300.013	377.046	396.441

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CANDELA TABULATION - (Cont.)

111.0	82.810	173.735	300.151	375.945	394.791
111.5	84.736	174.836	300.288	375.120	393.415
112.0	86.799	176.074	300.564	374.294	391.764
112.5	88.862	177.312	300.839	373.332	390.251
113.0	91.063	178.550	301.251	372.644	389.563
113.5	93.127	179.650	301.251	371.956	388.600
114.0	95.327	180.751	301.526	371.406	387.638
114.5	97.391	181.989	301.802	370.718	386.812
115.0	99.592	182.952	302.077	370.305	386.124
115.5	101.793	184.190	302.077	369.893	385.437
116.0	103.856	185.290	302.489	369.342	384.611
116.5	105.782	186.391	302.764	368.792	384.336
117.0	107.983	187.629	303.040	368.792	383.648
117.5	110.046	188.592	303.315	368.242	383.236
118.0	111.834	189.555	303.590	367.967	382.686
118.5	113.898	190.517	303.727	367.554	382.548
119.0	115.686	191.480	304.003	367.141	381.723
119.5	117.612	192.168	304.278	366.729	381.585
120.0	119.400	192.856	304.140	366.454	380.897
120.5	121.188	193.681	304.278	365.903	380.760
121.0	122.977	194.231	304.553	365.491	380.209
121.5	124.902	194.919	304.415	364.941	379.934
122.0	126.691	195.745	304.415	364.665	379.522
122.5	128.479	196.570	304.553	364.115	378.559
123.0	130.267	197.395	304.415	363.565	378.421
123.5	131.918	198.083	304.140	363.152	377.596
124.0	133.293	198.633	304.140	362.740	377.458
124.5	134.669	199.184	304.140	362.052	376.908
125.0	136.045	199.871	303.865	361.364	376.358
125.5	137.420	200.284	303.590	360.951	375.670
126.0	138.658	200.834	303.452	360.126	375.120
126.5	139.759	201.522	303.177	359.576	374.707
127.0	140.997	201.797	302.902	358.888	374.157
127.5	141.960	202.210	302.489	358.200	373.194
128.0	143.198	202.210	302.352	357.375	372.644
128.5	144.160	202.485	301.802	356.687	372.094
129.0	145.123	202.760	301.251	355.999	371.406
129.5	145.949	203.173	300.288	354.899	370.580
130.0	146.637	203.448	299.326	354.211	369.755
130.5	147.324	203.723	298.225	353.386	368.792
131.0	147.737	204.136	297.125	352.148	367.829
131.5	148.287	204.548	296.024	351.047	366.866
132.0	148.837	204.961	294.786	350.359	366.041
132.5	149.113	205.099	293.411	348.984	364.803
133.0	149.525	205.236	292.860	347.746	363.290
133.5	149.663	205.099	292.035	346.783	362.602
134.0	149.800	204.823	291.485	345.682	361.639
134.5	150.213	204.273	290.797	344.444	359.851
135.0	150.626	203.861	289.972	342.794	358.475
135.5	150.488	202.760	289.284	341.693	357.375
136.0	150.763	202.622	288.321	340.318	355.999
136.5	151.038	202.210	287.633	338.805	354.624
137.0	151.176	201.522	286.533	337.567	353.111
137.5	151.313	200.834	285.570	335.916	351.735
138.0	151.589	200.422	284.194	334.540	350.084
138.5	151.589	199.871	282.406	333.027	348.846

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	151.451	199.459	280.343	331.239	346.921
139.5	151.451	198.908	277.867	329.313	345.545
140.0	151.451	198.221	275.115	327.525	343.619
140.5	151.451	197.808	272.639	325.324	341.556
141.0	151.451	197.533	269.888	322.985	339.905
141.5	151.451	196.983	267.137	320.922	338.254
142.0	151.313	196.708	264.523	318.309	336.466
142.5	151.176	196.295	261.772	315.970	334.403
143.0	151.038	195.882	259.159	313.769	332.339
143.5	151.038	195.332	256.132	311.431	330.414
144.0	151.038	194.644	253.519	309.642	328.213
144.5	151.451	194.094	250.905	307.579	326.287
145.0	152.001	193.544	248.017	305.791	324.086
145.5	152.964	192.856	245.403	304.003	321.885
146.0	154.202	192.306	242.927	302.077	319.822
146.5	155.440	191.755	240.864	300.013	317.483
147.0	156.678	191.068	238.525	297.950	315.145
147.5	157.779	190.793	236.737	295.887	312.806
148.0	159.017	190.242	234.811	293.548	310.330
148.5	160.117	190.105	233.298	291.347	307.854
149.0	161.493	190.105	231.647	289.146	305.653
149.5	162.456	190.517	230.134	286.808	302.902
150.0	163.556	190.793	228.621	284.607	300.013
150.5	164.519	190.930	226.970	282.131	296.987
151.0	165.207	191.343	224.769	279.655	293.411
151.5	165.895	191.480	222.431	277.041	290.109
152.0	166.720	191.755	220.230	274.290	286.808
152.5	167.545	192.031	218.167	271.401	283.231
153.0	168.096	192.168	215.966	268.100	280.343
153.5	168.783	192.581	213.627	264.661	277.041
154.0	169.334	192.443	211.564	260.809	274.290
154.5	170.021	192.581	209.775	257.095	271.539
155.0	170.296	192.856	207.987	252.831	269.476
155.5	170.847	192.993	206.199	248.842	267.275
156.0	171.259	192.993	204.961	244.578	265.349
156.5	171.947	192.993	203.723	240.313	262.873
157.0	172.222	193.269	202.485	236.462	260.534
157.5	172.635	193.269	201.660	232.748	257.921
158.0	173.185	193.131	201.247	228.896	255.445
158.5	173.323	193.131	200.697	225.732	252.556
159.0	174.010	192.718	200.284	222.706	250.080
159.5	174.561	192.443	199.596	219.817	247.329
160.0	175.249	192.168	198.908	217.479	244.578
160.5	176.074	192.031	198.358	215.278	241.964
161.0	176.624	191.618	198.221	212.939	239.350
161.5	177.449	191.480	197.946	210.601	237.425
162.0	178.137	191.205	198.358	208.675	235.774
162.5	178.825	191.205	198.633	206.612	233.848
163.0	179.650	191.068	198.771	204.411	232.197
163.5	180.338	191.068	199.046	202.072	230.134
164.0	180.613	191.068	199.321	199.184	228.208
164.5	181.026	190.793	199.046	196.983	225.732
165.0	181.439	190.793	198.633	194.782	223.256
165.5	181.851	190.655	198.221	193.269	220.643
166.0	182.264	190.517	197.946	191.618	216.653
166.5	182.677	190.517	197.533	190.242	214.728

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	183.227	190.517	197.120	189.004	213.214
167.5	183.502	190.517	196.295	187.904	211.701
168.0	183.915	190.517	195.607	186.803	210.463
168.5	184.740	189.967	194.644	185.840	208.950
169.0	185.153	190.105	193.956	184.878	207.437
169.5	185.840	189.692	192.856	183.777	205.786
170.0	186.116	189.555	191.893	182.402	204.273
170.5	186.528	189.279	190.655	180.888	202.622
171.0	186.803	189.004	189.279	179.238	200.559
171.5	187.216	189.004	188.041	177.725	198.908
172.0	187.904	188.729	187.354	176.211	196.432
172.5	188.316	188.729	186.528	174.561	193.681
173.0	188.867	188.454	185.840	173.048	189.004
173.5	189.555	188.592	185.565	171.534	181.989
174.0	190.105	188.592	185.428	170.296	173.323
174.5	190.517	188.592	185.153	169.058	163.006
175.0	191.343	189.004	185.015	168.096	151.313
175.5	191.618	189.142	184.878	167.683	139.071
176.0	192.168	189.417	184.878	167.270	131.092
176.5	192.306	189.555	184.740	167.270	125.453
177.0	192.856	189.830	184.465	166.857	119.675
177.5	192.993	189.830	184.052	166.720	118.437
178.0	193.544	190.105	183.915	166.582	118.712
178.5	193.819	190.242	184.052	166.307	118.987
179.0	194.094	190.242	183.915	165.895	119.125
179.5	194.369	190.242	183.777	165.757	119.263
180.0	174.286	174.286	174.286	174.286	174.286

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1574.86	N.A.	11.70
0-30	3299.87	N.A.	24.50
0-40	5300.78	N.A.	39.40
0-60	8970.89	N.A.	66.70
0-80	11176.12	N.A.	83.10
0-90	11730.73	N.A.	87.30
10-90	11320.16	N.A.	84.20
20-40	3725.92	N.A.	27.70
20-50	5696.33	N.A.	42.40
40-70	4977.45	N.A.	37.00
60-80	2205.24	N.A.	16.40
70-80	897.89	N.A.	6.70
80-90	554.61	N.A.	4.10
90-110	647.79	N.A.	4.80
90-120	920.50	N.A.	6.80
90-130	1171.49	N.A.	8.70
90-150	1537.96	N.A.	11.40
90-180	1713.14	N.A.	12.70
110-180	1065.35	N.A.	7.90
0-180	13443.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	410.57
10-20	1164.29
20-30	1725.01
30-40	2000.91
40-50	1970.41
50-60	1699.69
60-70	1307.34
70-80	897.89
80-90	554.61
90-100	355.34
100-110	292.45
110-120	272.71
120-130	250.99
130-140	210.92
140-150	155.55
150-160	101.70
160-170	56.03
170-180	17.45

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-935-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-L170-935-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

X=2H	Y=2H	18.4	19.8	18.9	20.3	20.9	20.1	21.5	20.7	22.0	22.6
	3H	19.8	21.0	20.3	21.6	22.2	22.3	23.6	22.9	24.1	24.8
	4H	20.2	21.4	20.8	21.9	22.6	23.4	24.6	24.0	25.1	25.8
	6H	20.5	21.6	21.1	22.2	22.9	24.5	25.6	25.1	26.2	26.9
	8H	20.6	21.6	21.2	22.2	22.9	25.2	26.2	25.8	26.8	27.5
	12H	20.6	21.6	21.2	22.2	22.9	25.9	26.8	26.5	27.5	28.2

UGR Viewed Endwise

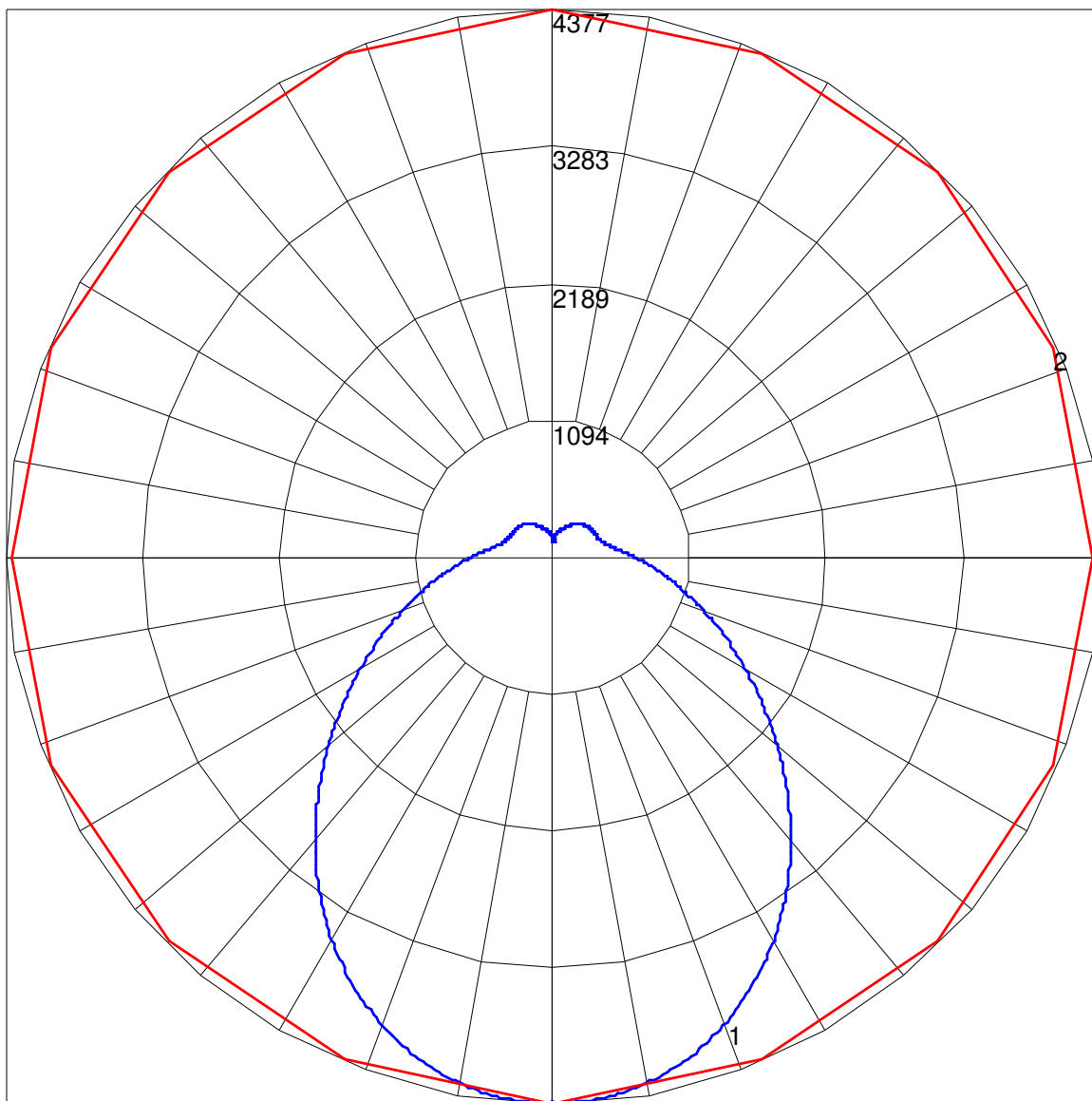
4H	2H	19.1	20.3	19.7	20.9	21.6	20.5	21.7	21.1	22.3	22.9
	3H	20.7	21.7	21.3	22.4	23.0	23.0	23.9	23.6	24.6	25.3
	4H	21.3	22.2	21.9	22.8	23.6	24.2	25.1	24.8	25.7	26.5
	6H	21.7	22.5	22.4	23.2	23.9	25.6	26.3	26.2	27.0	27.7
	8H	21.8	22.6	22.5	23.2	24.0	26.3	27.0	26.9	27.7	28.4
	12H	21.9	22.6	22.6	23.3	24.0	27.1	27.8	27.8	28.5	29.2

8H	4H	21.9	22.6	22.5	23.3	24.0	24.4	25.1	25.1	25.8	26.6
	6H	22.5	23.1	23.1	23.8	24.5	25.9	26.6	26.6	27.3	28.0
	8H	22.7	23.2	23.4	23.9	24.7	26.8	27.4	27.5	28.1	28.8
	12H	22.8	23.3	23.5	24.0	24.8	27.8	28.3	28.5	29.0	29.8

12H	4H	22.1	22.7	22.7	23.4	24.2	24.4	25.1	25.1	25.8	26.5
	6H	22.7	23.3	23.4	24.0	24.8	26.0	26.5	26.7	27.2	28.0
	8H	23.0	23.5	23.7	24.2	25.0	26.9	27.4	27.6	28.1	28.9

Maximum UGR = 29.8

POLAR GRAPH



Maximum Candela = 4377.086 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.)