

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-850-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-L170-850-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	17183
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	181
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	19006	16950	16672
55	16534	14544	14636
65	14005	12496	13044
75	11415	10974	12192
85	8965	10919	12881

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	5561.092	5561.092	5561.092	5561.092	5561.092
0.5	5534.719	5555.817	5559.334	5557.575	5594.497
1.0	5534.719	5557.575	5557.575	5555.817	5592.739
1.5	5529.445	5557.575	5555.817	5554.059	5594.497
2.0	5527.687	5552.301	5555.817	5552.301	5589.222
2.5	5527.687	5552.301	5550.543	5550.543	5585.706
3.0	5522.412	5547.026	5547.026	5547.026	5582.190
3.5	5518.896	5541.752	5541.752	5543.510	5578.673
4.0	5515.379	5538.236	5538.236	5536.477	5575.157
4.5	5506.588	5532.961	5534.719	5532.961	5569.883
5.0	5501.314	5527.687	5527.687	5527.687	5564.608
5.5	5494.281	5520.654	5520.654	5522.412	5557.575
6.0	5490.765	5511.863	5513.621	5513.621	5550.543
6.5	5478.458	5504.830	5506.588	5506.588	5541.752
7.0	5471.425	5496.039	5497.798	5496.039	5534.719
7.5	5464.392	5485.490	5489.007	5489.007	5525.928
8.0	5455.602	5478.458	5478.458	5478.458	5513.621
8.5	5446.811	5466.151	5469.667	5469.667	5503.072
9.0	5432.745	5457.360	5459.118	5457.360	5490.765
9.5	5423.954	5445.053	5445.053	5445.053	5483.732
10.0	5409.889	5430.987	5430.987	5434.503	5469.667
10.5	5397.582	5418.680	5420.438	5420.438	5457.360
11.0	5385.275	5406.373	5408.131	5406.373	5443.294
11.5	5369.451	5392.307	5395.824	5392.307	5430.987
12.0	5355.386	5376.484	5380.000	5380.000	5415.164
12.5	5341.320	5360.660	5365.935	5362.419	5401.098
13.0	5325.497	5346.595	5350.111	5348.353	5385.275
13.5	5309.673	5329.013	5332.530	5332.530	5371.209
14.0	5290.334	5311.432	5314.948	5314.948	5351.870
14.5	5274.510	5293.850	5297.366	5297.366	5337.804
15.0	5258.686	5276.268	5278.026	5278.026	5316.706
15.5	5239.347	5255.170	5260.445	5260.445	5295.608
16.0	5218.249	5235.830	5241.105	5241.105	5278.026
16.5	5200.667	5214.732	5220.007	5221.765	5258.686
17.0	5176.053	5191.876	5198.909	5200.667	5237.588
17.5	5154.954	5170.778	5177.811	5179.569	5216.490
18.0	5135.615	5149.680	5154.954	5160.229	5197.151
18.5	5112.758	5128.582	5133.856	5137.373	5174.294
19.0	5089.902	5102.209	5111.000	5114.517	5149.680
19.5	5063.530	5081.111	5088.144	5095.177	5126.824
20.0	5035.399	5054.739	5063.530	5068.804	5102.209
20.5	5007.268	5031.883	5038.915	5045.948	5079.353
21.0	4984.412	5003.752	5009.026	5023.092	5054.739
21.5	4958.039	4977.379	4986.170	4993.203	5028.366
22.0	4929.909	4952.765	4961.556	4968.588	5005.510
22.5	4905.294	4921.118	4933.425	4943.974	4979.137
23.0	4875.405	4892.987	4905.294	4915.843	4951.007
23.5	4843.758	4863.098	4878.922	4889.471	4924.634
24.0	4812.111	4833.209	4849.033	4861.340	4896.503
24.5	4785.739	4803.320	4820.902	4831.451	4864.856
25.0	4755.850	4773.432	4792.771	4803.320	4836.726
25.5	4722.445	4743.543	4759.366	4775.190	4803.320
26.0	4690.798	4710.137	4731.235	4745.301	4776.948
26.5	4657.392	4676.732	4701.347	4713.654	4747.059

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4623.987	4641.569	4671.458	4687.281	4717.170
27.5	4585.307	4608.164	4638.052	4652.118	4687.281
28.0	4557.177	4574.758	4604.647	4620.471	4653.876
28.5	4520.255	4541.353	4571.242	4587.066	4620.471
29.0	4485.092	4506.190	4536.079	4555.418	4588.824
29.5	4448.170	4469.268	4500.915	4520.255	4553.660
30.0	4411.249	4434.105	4465.752	4490.366	4523.771
30.5	4372.569	4395.425	4432.347	4456.961	4488.608
31.0	4335.647	4358.503	4395.425	4421.798	4451.686
31.5	4296.968	4323.340	4360.262	4388.392	4420.039
32.0	4260.046	4282.902	4325.098	4351.471	4383.118
32.5	4219.608	4244.222	4288.177	4316.307	4347.954
33.0	4180.928	4207.301	4247.739	4281.144	4312.791
33.5	4144.007	4168.621	4212.575	4242.464	4275.869
34.0	4100.052	4128.183	4173.896	4207.301	4242.464
34.5	4059.615	4089.503	4136.974	4168.621	4203.784
35.0	4022.693	4047.307	4100.052	4133.458	4166.863
35.5	3975.222	4008.628	4059.615	4094.778	4128.183
36.0	3938.301	3966.432	4020.935	4056.098	4091.262
36.5	3892.588	3924.235	3980.497	4019.177	4056.098
37.0	3850.392	3883.798	3940.059	3978.739	4019.177
37.5	3806.438	3839.843	3901.379	3943.575	3978.739
38.0	3762.484	3797.647	3859.183	3903.137	3936.543
38.5	3716.771	3753.693	3818.745	3866.216	3897.863
39.0	3676.333	3709.739	3776.549	3825.778	3866.216
39.5	3630.621	3669.301	3736.111	3785.340	3824.020
40.0	3581.392	3623.588	3693.915	3748.418	3783.582
40.5	3535.680	3579.634	3653.477	3709.739	3744.902
41.0	3493.484	3535.680	3611.281	3669.301	3704.464
41.5	3447.771	3491.726	3569.085	3628.863	3665.784
42.0	3402.059	3447.771	3526.889	3590.183	3627.105
42.5	3358.105	3402.059	3482.935	3549.745	3586.667
43.0	3308.876	3358.105	3442.497	3511.066	3547.987
43.5	3266.680	3312.392	3398.543	3470.628	3509.307
44.0	3219.209	3266.680	3354.588	3431.948	3468.869
44.5	3175.255	3222.726	3310.634	3389.752	3428.432
45.0	3129.543	3177.013	3268.438	3352.830	3391.510
45.5	3083.830	3133.059	3226.242	3314.150	3352.830
46.0	3038.118	3087.347	3180.530	3271.954	3312.392
46.5	2992.405	3041.634	3141.850	3236.791	3273.713
47.0	2944.935	2997.680	3097.896	3194.595	3235.033
47.5	2899.222	2951.967	3053.941	3154.157	3194.595
48.0	2855.268	2906.255	3009.987	3117.235	3154.157
48.5	2806.039	2862.301	2969.549	3075.039	3115.477
49.0	2762.085	2814.830	2923.837	3034.601	3075.039
49.5	2716.373	2770.876	2881.641	2995.922	3036.360
50.0	2668.902	2725.164	2839.445	2953.726	2995.922
50.5	2624.948	2681.209	2795.490	2918.562	2959.000
51.0	2579.235	2635.497	2756.811	2878.124	2920.320
51.5	2535.281	2589.784	2712.856	2839.445	2881.641
52.0	2487.811	2545.830	2670.660	2799.007	2842.961
52.5	2442.098	2500.118	2630.222	2758.569	2806.039
53.0	2394.628	2456.164	2588.026	2723.405	2765.601
53.5	2348.915	2412.209	2547.588	2682.967	2728.680
54.0	2304.961	2368.255	2507.150	2644.288	2691.758
54.5	2262.765	2322.543	2466.713	2609.124	2654.837

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2218.811	2280.347	2426.275	2568.686	2621.431
55.5	2181.889	2236.392	2385.837	2531.765	2580.994
56.0	2139.693	2197.713	2347.157	2494.843	2544.072
56.5	2095.739	2157.275	2306.719	2457.922	2508.909
57.0	2053.543	2116.837	2268.039	2421.000	2471.987
57.5	2009.588	2074.641	2234.634	2385.837	2431.549
58.0	1965.634	2032.445	2195.954	2347.157	2401.660
58.5	1923.438	1990.248	2157.275	2313.752	2366.497
59.0	1881.242	1948.052	2120.353	2283.863	2329.575
59.5	1839.046	1907.614	2086.948	2246.941	2301.445
60.0	1796.850	1865.418	2050.026	2211.778	2266.281
60.5	1755.533	1824.980	2013.105	2178.373	2231.118
61.0	1714.040	1784.543	1976.183	2144.967	2197.713
61.5	1672.899	1744.456	1939.262	2111.562	2166.065
62.0	1632.461	1704.722	1904.098	2079.915	2132.660
62.5	1592.550	1665.339	1867.177	2048.268	2101.013
63.0	1552.112	1626.131	1832.013	2014.863	2072.882
63.5	1512.026	1587.452	1798.608	1983.216	2041.235
64.0	1472.995	1549.299	1763.445	1949.811	2009.588
64.5	1434.139	1512.026	1730.039	1918.163	1977.941
65.0	1395.635	1474.577	1696.458	1886.516	1948.052
65.5	1357.659	1438.007	1663.229	1854.869	1916.405
66.0	1319.155	1401.437	1630.351	1823.222	1886.516
66.5	1281.530	1365.746	1597.649	1793.333	1856.628
67.0	1244.784	1330.407	1565.123	1761.686	1826.739
67.5	1207.863	1295.595	1533.300	1732.149	1796.850
68.0	1171.469	1261.663	1501.653	1702.260	1768.719
68.5	1135.602	1227.906	1470.709	1673.250	1739.358
69.0	1099.911	1194.501	1440.117	1644.065	1711.579
69.5	1064.748	1161.799	1409.877	1615.758	1683.975
70.0	1029.760	1129.624	1380.163	1587.979	1656.548
70.5	995.652	1097.801	1350.450	1560.200	1629.472
71.0	961.895	1066.330	1321.265	1532.773	1602.748
71.5	928.490	1035.562	1292.782	1506.048	1576.375
72.0	895.788	1004.618	1264.300	1479.500	1550.706
72.5	862.910	974.729	1236.521	1453.479	1525.212
73.0	830.911	945.016	1208.918	1427.810	1499.543
73.5	799.792	915.655	1182.194	1402.316	1474.577
74.0	769.024	887.173	1155.118	1377.702	1449.435
74.5	738.783	858.514	1129.273	1353.263	1425.700
75.0	708.718	830.560	1103.603	1329.352	1402.668
75.5	679.181	803.308	1078.286	1305.617	1379.284
76.0	650.523	776.584	1053.671	1282.058	1356.428
76.5	622.041	750.211	1029.233	1259.026	1333.572
77.0	593.910	724.014	1005.146	1236.169	1311.419
77.5	566.307	698.521	981.410	1214.016	1289.442
78.0	539.055	673.555	958.378	1192.215	1267.816
78.5	512.331	648.941	935.522	1170.238	1246.367
79.0	486.134	625.029	913.369	1148.964	1225.269
79.5	460.113	601.294	891.568	1128.218	1204.171
80.0	434.444	577.910	869.767	1107.647	1184.128
80.5	409.478	555.230	848.669	1086.901	1163.733
81.0	385.215	532.901	828.450	1066.858	1143.865
81.5	360.601	511.100	808.231	1046.990	1123.998
82.0	336.865	489.826	788.539	1027.826	1104.834
82.5	313.658	468.904	769.199	1008.662	1086.022

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	290.801	448.509	750.211	990.201	1067.737
83.5	268.121	428.642	732.102	971.389	1048.748
84.0	245.968	409.302	714.520	953.631	1030.639
84.5	223.991	390.665	697.290	936.050	1012.882
85.0	202.893	372.556	680.412	918.644	995.124
85.5	181.795	355.326	663.885	901.765	977.894
86.0	161.048	338.799	647.710	885.239	960.840
86.5	140.478	323.327	632.414	868.712	943.786
87.0	120.259	308.383	616.942	853.064	927.083
87.5	100.040	294.493	602.349	837.241	911.084
88.0	79.997	280.956	587.932	821.944	894.909
88.5	59.778	268.297	574.043	806.824	879.261
89.0	41.317	256.341	560.856	792.231	863.789
89.5	26.197	245.265	548.022	778.166	848.669
90.0	15.648	235.419	536.242	764.804	834.779
90.5	11.076	226.804	525.341	751.442	820.010
91.0	11.780	218.892	514.265	737.904	805.945
91.5	14.065	211.332	503.188	725.069	791.880
92.0	16.703	205.003	492.639	712.059	778.166
92.5	19.516	199.552	483.673	699.576	764.628
93.0	22.329	194.805	474.354	687.796	751.618
93.5	25.318	191.113	465.563	676.192	739.310
94.0	28.482	187.948	457.300	665.292	727.355
94.5	31.471	185.663	449.564	654.215	715.048
95.0	34.460	183.905	442.356	643.314	703.268
95.5	37.273	182.674	435.675	632.941	691.664
96.0	39.559	182.146	429.873	622.920	680.236
96.5	41.844	182.146	424.071	613.601	669.687
97.0	43.954	182.322	418.796	604.635	659.138
97.5	46.240	183.025	413.873	596.020	649.468
98.0	48.174	183.729	409.478	587.580	639.622
98.5	50.459	184.608	405.786	579.493	630.480
99.0	52.745	185.663	401.918	571.933	621.513
99.5	55.207	186.893	398.577	564.724	612.722
100.0	57.316	188.124	395.940	558.043	604.810
100.5	59.778	189.531	393.303	551.538	596.723
101.0	61.888	190.937	391.369	545.384	589.514
101.5	63.997	192.344	389.435	539.582	582.130
102.0	65.931	193.750	388.028	534.132	575.625
102.5	67.865	195.157	386.622	529.033	569.120
103.0	69.799	196.739	385.567	523.935	563.318
103.5	71.909	198.322	384.688	519.539	557.340
104.0	74.195	199.728	383.809	515.495	551.890
104.5	76.480	201.310	383.281	511.627	546.791
105.0	78.590	202.893	382.754	508.111	541.868
105.5	80.524	204.299	382.226	504.419	537.648
106.0	82.810	206.058	382.050	501.254	533.429
106.5	84.920	207.640	382.050	498.265	529.209
107.0	87.029	209.398	382.050	495.452	525.693
107.5	88.963	210.805	382.050	493.343	522.001
108.0	91.425	212.563	382.050	490.881	518.309
108.5	93.710	214.321	382.226	489.123	515.847
109.0	95.996	215.727	382.578	486.837	513.386
109.5	98.458	217.310	382.754	485.255	510.748
110.0	100.919	218.892	383.105	483.497	508.639
110.5	103.380	220.475	383.457	481.914	506.705

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	105.842	222.057	383.633	480.508	504.595
111.5	108.303	223.463	383.809	479.453	502.837
112.0	110.941	225.046	384.160	478.398	500.727
112.5	113.578	226.628	384.512	477.167	498.793
113.0	116.391	228.210	385.039	476.288	497.914
113.5	119.028	229.617	385.039	475.409	496.683
114.0	121.841	231.024	385.391	474.706	495.452
114.5	124.478	232.606	385.742	473.827	494.397
115.0	127.292	233.837	386.094	473.299	493.518
115.5	130.105	235.419	386.094	472.772	492.639
116.0	132.742	236.826	386.622	472.069	491.584
116.5	135.203	238.232	386.973	471.365	491.233
117.0	138.016	239.814	387.325	471.365	490.354
117.5	140.654	241.045	387.676	470.662	489.826
118.0	142.939	242.276	388.028	470.310	489.123
118.5	145.576	243.507	388.204	469.783	488.947
119.0	147.862	244.737	388.556	469.256	487.892
119.5	150.324	245.616	388.907	468.728	487.716
120.0	152.609	246.495	388.731	468.376	486.837
120.5	154.895	247.550	388.907	467.673	486.661
121.0	157.180	248.254	389.259	467.146	485.958
121.5	159.642	249.133	389.083	466.443	485.607
122.0	161.927	250.188	389.083	466.091	485.079
122.5	164.213	251.242	389.259	465.388	483.848
123.0	166.499	252.297	389.083	464.684	483.673
123.5	168.609	253.176	388.731	464.157	482.618
124.0	170.367	253.880	388.731	463.629	482.442
124.5	172.125	254.583	388.731	462.750	481.739
125.0	173.883	255.462	388.380	461.871	481.035
125.5	175.641	255.990	388.028	461.344	480.156
126.0	177.224	256.693	387.852	460.289	479.453
126.5	178.630	257.572	387.501	459.586	478.926
127.0	180.212	257.924	387.149	458.707	478.222
127.5	181.443	258.451	386.622	457.827	476.992
128.0	183.025	258.451	386.446	456.773	476.288
128.5	184.256	258.803	385.742	455.893	475.585
129.0	185.487	259.154	385.039	455.014	474.706
129.5	186.542	259.682	383.809	453.608	473.651
130.0	187.421	260.033	382.578	452.729	472.596
130.5	188.300	260.385	381.171	451.674	471.365
131.0	188.827	260.912	379.765	450.092	470.135
131.5	189.531	261.440	378.358	448.685	468.904
132.0	190.234	261.967	376.776	447.806	467.849
132.5	190.586	262.143	375.018	446.048	466.267
133.0	191.113	262.319	374.314	444.465	464.333
133.5	191.289	262.143	373.259	443.235	463.454
134.0	191.465	261.792	372.556	441.828	462.223
134.5	191.992	261.088	371.677	440.246	459.937
135.0	192.520	260.561	370.622	438.136	458.179
135.5	192.344	259.154	369.743	436.729	456.773
136.0	192.695	258.978	368.512	434.971	455.014
136.5	193.047	258.451	367.633	433.037	453.256
137.0	193.223	257.572	366.227	431.455	451.322
137.5	193.399	256.693	364.996	429.345	449.564
138.0	193.750	256.165	363.238	427.587	447.454
138.5	193.750	255.462	360.952	425.653	445.872

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	193.575	254.935	358.315	423.367	443.410
139.5	193.575	254.231	355.150	420.906	441.652
140.0	193.575	253.352	351.634	418.620	439.191
140.5	193.575	252.825	348.469	415.807	436.554
141.0	193.575	252.473	344.953	412.818	434.444
141.5	193.575	251.770	341.437	410.181	432.334
142.0	193.399	251.418	338.096	406.841	430.048
142.5	193.223	250.891	334.580	403.852	427.411
143.0	193.047	250.363	331.239	401.039	424.774
143.5	193.047	249.660	327.371	398.050	422.312
144.0	193.047	248.781	324.031	395.764	419.499
144.5	193.575	248.078	320.690	393.127	417.038
145.0	194.278	247.375	316.998	390.841	414.225
145.5	195.509	246.495	313.658	388.556	411.412
146.0	197.091	245.792	310.493	386.094	408.775
146.5	198.673	245.089	307.856	383.457	405.786
147.0	200.256	244.210	304.867	380.820	402.797
147.5	201.662	243.858	302.581	378.182	399.808
148.0	203.244	243.155	300.120	375.193	396.643
148.5	204.651	242.979	298.186	372.380	393.478
149.0	206.409	242.979	296.076	369.567	390.665
149.5	207.640	243.507	294.142	366.578	387.149
150.0	209.046	243.858	292.208	363.765	383.457
150.5	210.277	244.034	290.098	360.601	379.589
151.0	211.156	244.561	287.285	357.436	375.018
151.5	212.035	244.737	284.296	354.095	370.798
152.0	213.090	245.089	281.483	350.579	366.578
152.5	214.145	245.441	278.846	346.887	362.007
153.0	214.848	245.616	276.033	342.667	358.315
153.5	215.727	246.144	273.044	338.272	354.095
154.0	216.431	245.968	270.407	333.349	350.579
154.5	217.310	246.144	268.121	328.602	347.063
155.0	217.661	246.495	265.835	323.152	344.426
155.5	218.365	246.671	263.550	318.053	341.612
156.0	218.892	246.671	261.967	312.603	339.151
156.5	219.771	246.671	260.385	307.152	335.986
157.0	220.123	247.023	258.803	302.229	332.997
157.5	220.650	247.023	257.748	297.482	329.657
158.0	221.354	246.847	257.220	292.559	326.492
158.5	221.529	246.847	256.517	288.516	322.800
159.0	222.409	246.320	255.990	284.648	319.635
159.5	223.112	245.968	255.110	280.956	316.119
160.0	223.991	245.616	254.231	277.967	312.603
160.5	225.046	245.441	253.528	275.154	309.262
161.0	225.749	244.913	253.352	272.165	305.922
161.5	226.804	244.737	253.001	269.176	303.460
162.0	227.683	244.386	253.528	266.714	301.350
162.5	228.562	244.386	253.880	264.077	298.889
163.0	229.617	244.210	254.056	261.264	296.779
163.5	230.496	244.210	254.407	258.275	294.142
164.0	230.848	244.210	254.759	254.583	291.680
164.5	231.375	243.858	254.407	251.770	288.516
165.0	231.903	243.858	253.880	248.957	285.351
165.5	232.430	243.682	253.352	247.023	282.010
166.0	232.958	243.507	253.001	244.913	276.912
166.5	233.485	243.507	252.473	243.155	274.450

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	234.188	243.507	251.946	241.573	272.516
167.5	234.540	243.507	250.891	240.166	270.582
168.0	235.067	243.507	250.012	238.759	269.000
168.5	236.122	242.803	248.781	237.529	267.066
169.0	236.650	242.979	247.902	236.298	265.132
169.5	237.529	242.452	246.495	234.892	263.022
170.0	237.880	242.276	245.265	233.133	261.088
170.5	238.408	241.924	243.682	231.199	258.978
171.0	238.759	241.573	241.924	229.090	256.341
171.5	239.287	241.573	240.342	227.156	254.231
172.0	240.166	241.221	239.463	225.222	251.067
172.5	240.693	241.221	238.408	223.112	247.550
173.0	241.397	240.869	237.529	221.178	241.573
173.5	242.276	241.045	237.177	219.244	232.606
174.0	242.979	241.045	237.001	217.661	221.529
174.5	243.507	241.045	236.650	216.079	208.343
175.0	244.561	241.573	236.474	214.848	193.399
175.5	244.913	241.748	236.298	214.321	177.751
176.0	245.616	242.100	236.298	213.793	167.554
176.5	245.792	242.276	236.122	213.793	160.345
177.0	246.495	242.627	235.771	213.266	152.961
177.5	246.671	242.627	235.243	213.090	151.378
178.0	247.375	242.979	235.067	212.914	151.730
178.5	247.726	243.155	235.243	212.563	152.082
179.0	248.078	243.155	235.067	212.035	152.258
179.5	248.429	243.155	234.892	211.859	152.433
180.0	222.760	222.760	222.760	222.760	222.760

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2012.88	N.A.	11.70
0-30	4217.67	N.A.	24.50
0-40	6775.1	N.A.	39.40
0-60	11465.98	N.A.	66.70
0-80	14284.57	N.A.	83.10
0-90	14993.44	N.A.	87.30
10-90	14468.67	N.A.	84.20
20-40	4762.22	N.A.	27.70
20-50	7280.66	N.A.	42.40
40-70	6361.84	N.A.	37.00
60-80	2818.58	N.A.	16.40
70-80	1147.62	N.A.	6.70
80-90	708.87	N.A.	4.10
90-110	827.96	N.A.	4.80
90-120	1176.53	N.A.	6.80
90-130	1497.33	N.A.	8.70
90-150	1965.71	N.A.	11.40
90-180	2189.63	N.A.	12.70
110-180	1361.66	N.A.	7.90
0-180	17183.06	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	524.77
10-20	1488.12
20-30	2204.79
30-40	2557.43
40-50	2518.44
50-60	2172.43
60-70	1670.96
70-80	1147.62
80-90	708.87
90-100	454.18
100-110	373.79
110-120	348.56
120-130	320.80
130-140	269.58
140-150	198.81
150-160	129.99
160-170	71.62
170-180	22.31

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-850-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-L170-850-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

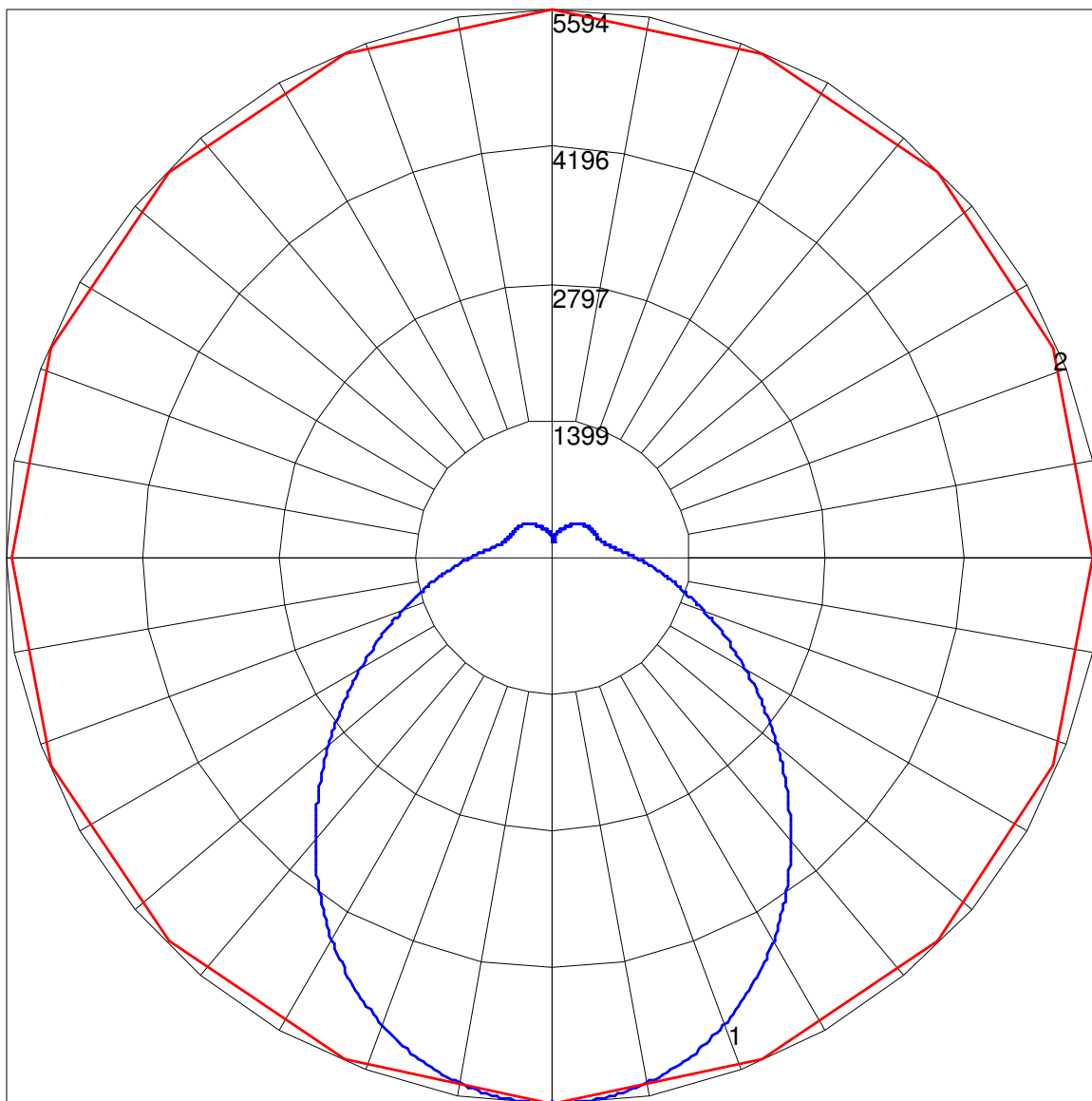
Reflectances

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	19.3	20.7	19.8	21.2	21.8	21.0	22.4	21.6	22.9	23.5
	3H	20.7	21.9	21.2	22.5	23.1	23.2	24.5	23.8	25.0	25.7
	4H	21.1	22.3	21.7	22.8	23.5	24.3	25.5	24.9	26.0	26.7
	6H	21.4	22.5	22.0	23.1	23.8	25.4	26.5	26.0	27.1	27.8
	8H	21.5	22.5	22.1	23.1	23.8	26.1	27.1	26.7	27.7	28.4
	12H	21.5	22.5	22.1	23.1	23.8	26.8	27.7	27.4	28.4	29.1
4H	2H	20.0	21.2	20.6	21.8	22.5	21.4	22.6	22.0	23.2	23.8
	3H	21.6	22.6	22.2	23.3	23.9	23.9	24.8	24.5	25.5	26.2
	4H	22.2	23.1	22.8	23.7	24.5	25.1	26.0	25.7	26.6	27.4
	6H	22.6	23.4	23.3	24.1	24.8	26.5	27.2	27.1	27.9	28.6
	8H	22.7	23.5	23.4	24.1	24.9	27.2	27.9	27.8	28.6	29.3
	12H	22.8	23.5	23.5	24.2	24.9	28.0	28.7	28.7	29.4	30.1
8H	4H	22.8	23.5	23.4	24.2	24.9	25.3	26.0	26.0	26.7	27.5
	6H	23.4	24.0	24.0	24.7	25.4	26.8	27.5	27.5	28.2	28.9
	8H	23.6	24.1	24.3	24.8	25.6	27.7	28.3	28.4	29.0	29.7
	12H	23.7	24.2	24.4	24.9	25.7	28.7	29.2	29.4	29.9	30.7
12H	4H	23.0	23.6	23.6	24.3	25.1	25.3	26.0	26.0	26.7	27.4
	6H	23.6	24.2	24.3	24.9	25.7	26.9	27.4	27.6	28.1	28.9
	8H	23.9	24.4	24.6	25.1	25.9	27.8	28.3	28.5	29.0	29.8

Maximum UGR = 30.7

POLAR GRAPH



Maximum Candela = 5594.497 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.)