

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-835-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-L130-835-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	12353
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	87.9
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	13664	12186	11986
55	11887	10456	10522
65	10068	8984	9377
75	8207	7890	8765
85	6445	7850	9261

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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	3998.010	3998.010	3998.010	3998.010	3998.010
0.5	3979.050	3994.218	3996.746	3995.482	4022.026
1.0	3979.050	3995.482	3995.482	3994.218	4020.762
1.5	3975.258	3995.482	3994.218	3992.954	4022.026
2.0	3973.994	3991.690	3994.218	3991.690	4018.234
2.5	3973.994	3991.690	3990.426	3990.426	4015.706
3.0	3970.202	3987.898	3987.898	3987.898	4013.178
3.5	3967.674	3984.106	3984.106	3985.370	4010.650
4.0	3965.146	3981.578	3981.578	3980.314	4008.122
4.5	3958.826	3977.786	3979.050	3977.786	4004.330
5.0	3955.034	3973.994	3973.994	3973.994	4000.538
5.5	3949.978	3968.938	3968.938	3970.202	3995.482
6.0	3947.450	3962.618	3963.882	3963.882	3990.426
6.5	3938.602	3957.562	3958.826	3958.826	3984.106
7.0	3933.546	3951.242	3952.506	3951.242	3979.050
7.5	3928.490	3943.658	3946.186	3946.186	3972.730
8.0	3922.170	3938.602	3938.602	3938.602	3963.882
8.5	3915.850	3929.754	3932.282	3932.282	3956.298
9.0	3905.738	3923.434	3924.698	3923.434	3947.450
9.5	3899.418	3914.586	3914.586	3914.586	3942.394
10.0	3889.307	3904.474	3904.474	3907.002	3932.282
10.5	3880.459	3895.627	3896.890	3896.890	3923.434
11.0	3871.611	3886.779	3888.043	3886.779	3913.322
11.5	3860.235	3876.667	3879.195	3876.667	3904.474
12.0	3850.123	3865.291	3867.819	3867.819	3893.099
12.5	3840.011	3853.915	3857.707	3855.179	3882.987
13.0	3828.635	3843.803	3846.331	3845.067	3871.611
13.5	3817.259	3831.163	3833.691	3833.691	3861.499
14.0	3803.355	3818.523	3821.051	3821.051	3847.595
14.5	3791.979	3805.883	3808.411	3808.411	3837.483
15.0	3780.603	3793.243	3794.507	3794.507	3822.315
15.5	3766.699	3778.075	3781.867	3781.867	3807.147
16.0	3751.531	3764.171	3767.963	3767.963	3794.507
16.5	3738.891	3749.003	3752.795	3754.059	3780.603
17.0	3721.195	3732.571	3737.627	3738.891	3765.435
17.5	3706.028	3717.403	3722.459	3723.723	3750.267
18.0	3692.124	3702.236	3706.028	3709.820	3736.363
18.5	3675.692	3687.068	3690.860	3693.388	3719.931
19.0	3659.260	3668.108	3674.428	3676.956	3702.236
19.5	3640.300	3652.940	3657.996	3663.052	3685.804
20.0	3620.076	3633.980	3640.300	3644.092	3668.108
20.5	3599.852	3617.548	3622.604	3627.660	3651.676
21.0	3583.420	3597.324	3601.116	3611.228	3633.980
21.5	3564.460	3578.364	3584.684	3589.740	3615.020
22.0	3544.236	3560.668	3566.988	3572.044	3598.588
22.5	3526.541	3537.916	3546.764	3554.348	3579.628
23.0	3505.053	3517.693	3526.541	3534.124	3559.404
23.5	3482.301	3496.205	3507.581	3515.165	3540.444
24.0	3459.549	3474.717	3486.093	3494.941	3520.221
24.5	3440.589	3453.229	3465.869	3473.453	3497.469
25.0	3419.101	3431.741	3445.645	3453.229	3477.245
25.5	3395.085	3410.253	3421.629	3433.005	3453.229
26.0	3372.333	3386.237	3401.405	3411.517	3434.269
26.5	3348.318	3362.221	3379.917	3388.765	3412.781

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CANDELA TABULATION - (Cont.)

27.0	3324.302	3336.942	3358.429	3369.805	3391.293
27.5	3296.494	3312.926	3334.414	3344.526	3369.805
28.0	3276.270	3288.910	3310.398	3321.774	3345.790
28.5	3249.726	3264.894	3286.382	3297.758	3321.774
29.0	3224.446	3239.614	3261.102	3275.006	3299.022
29.5	3197.902	3213.070	3235.822	3249.726	3273.742
30.0	3171.358	3187.790	3210.542	3228.238	3252.254
30.5	3143.551	3159.983	3186.526	3204.222	3226.974
31.0	3117.007	3133.439	3159.983	3178.942	3200.430
31.5	3089.199	3108.159	3134.703	3154.927	3177.678
32.0	3062.655	3079.087	3109.423	3128.383	3151.135
32.5	3033.583	3051.279	3082.879	3103.103	3125.855
33.0	3005.775	3024.735	3053.807	3077.823	3100.575
33.5	2979.232	2996.927	3028.527	3050.015	3074.031
34.0	2947.632	2967.856	3000.719	3024.735	3050.015
34.5	2918.560	2940.048	2974.176	2996.927	3022.207
35.0	2892.016	2909.712	2947.632	2971.648	2995.663
35.5	2857.888	2881.904	2918.560	2943.840	2967.856
36.0	2831.344	2851.568	2890.752	2916.032	2941.312
36.5	2798.481	2821.232	2861.680	2889.488	2916.032
37.0	2768.145	2792.161	2832.608	2860.416	2889.488
37.5	2736.545	2760.561	2804.801	2835.136	2860.416
38.0	2704.945	2730.225	2774.465	2806.065	2830.080
38.5	2672.081	2698.625	2745.393	2779.521	2802.273
39.0	2643.009	2667.025	2715.057	2750.449	2779.521
39.5	2610.146	2637.953	2685.985	2721.377	2749.185
40.0	2574.754	2605.090	2655.649	2694.833	2720.113
40.5	2541.890	2573.490	2626.578	2667.025	2692.305
41.0	2511.554	2541.890	2596.242	2637.953	2663.233
41.5	2478.690	2510.290	2565.906	2608.882	2635.425
42.0	2445.827	2478.690	2535.570	2581.074	2607.618
42.5	2414.227	2445.827	2503.970	2552.002	2578.546
43.0	2378.835	2414.227	2474.898	2524.194	2550.738
43.5	2348.499	2381.363	2443.299	2495.122	2522.930
44.0	2314.371	2348.499	2411.699	2467.314	2493.858
44.5	2282.771	2316.899	2380.099	2436.979	2464.786
45.0	2249.908	2284.035	2349.763	2410.435	2438.243
45.5	2217.044	2252.436	2319.427	2382.627	2410.435
46.0	2184.180	2219.572	2286.563	2352.291	2381.363
46.5	2151.316	2186.708	2258.756	2327.011	2353.555
47.0	2117.188	2155.108	2227.156	2296.675	2325.747
47.5	2084.324	2122.244	2195.556	2267.603	2296.675
48.0	2052.725	2089.380	2163.956	2241.060	2267.603
48.5	2017.333	2057.781	2134.884	2210.724	2239.796
49.0	1985.733	2023.653	2102.020	2181.652	2210.724
49.5	1952.869	1992.053	2071.685	2153.844	2182.916
50.0	1918.741	1959.189	2041.349	2123.508	2153.844
50.5	1887.142	1927.589	2009.749	2098.228	2127.300
51.0	1854.278	1894.726	1981.941	2069.157	2099.492
51.5	1822.678	1861.862	1950.341	2041.349	2071.685
52.0	1788.550	1830.262	1920.005	2012.277	2043.877
52.5	1755.686	1797.398	1890.934	1983.205	2017.333
53.0	1721.558	1765.798	1860.598	1957.925	1988.261
53.5	1688.695	1734.198	1831.526	1928.853	1961.717
54.0	1657.095	1702.599	1802.454	1901.046	1935.173
54.5	1626.759	1669.735	1773.382	1875.766	1908.629

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55.0	1595.159	1639.399	1744.310	1846.694	1884.614
55.5	1568.615	1607.799	1715.239	1820.150	1855.542
56.0	1538.280	1579.991	1687.431	1793.606	1828.998
56.5	1506.680	1550.919	1658.359	1767.062	1803.718
57.0	1476.344	1521.848	1630.551	1740.518	1777.174
57.5	1444.744	1491.512	1606.535	1715.239	1748.102
58.0	1413.144	1461.176	1578.727	1687.431	1726.614
58.5	1382.808	1430.840	1550.919	1663.415	1701.335
59.0	1352.473	1400.504	1524.376	1641.927	1674.791
59.5	1322.137	1371.432	1500.360	1615.383	1654.567
60.0	1291.801	1341.097	1473.816	1590.103	1629.287
60.5	1262.097	1312.025	1447.272	1566.087	1604.007
61.0	1232.267	1282.953	1420.728	1542.071	1579.991
61.5	1202.689	1254.134	1394.184	1518.056	1557.239
62.0	1173.618	1225.568	1368.904	1495.304	1533.224
62.5	1144.925	1197.254	1342.361	1472.552	1510.472
63.0	1115.853	1169.067	1317.081	1448.536	1490.248
63.5	1087.034	1141.259	1293.065	1425.784	1467.496
64.0	1058.973	1113.831	1267.785	1401.768	1444.744
64.5	1031.039	1087.034	1243.769	1379.016	1421.992
65.0	1003.358	1060.111	1219.627	1356.265	1400.504
65.5	976.055	1033.820	1195.737	1333.513	1377.752
66.0	948.374	1007.529	1172.101	1310.761	1356.265
66.5	921.325	981.870	1148.590	1289.273	1334.777
67.0	894.907	956.464	1125.207	1266.521	1313.289
67.5	868.363	931.436	1102.328	1245.286	1291.801
68.0	842.199	907.041	1079.576	1223.798	1271.577
68.5	816.413	882.773	1057.330	1202.942	1250.468
69.0	790.754	858.757	1035.337	1181.960	1230.497
69.5	765.474	835.247	1013.596	1161.610	1210.653
70.0	740.321	812.116	992.235	1141.639	1190.934
70.5	715.799	789.237	970.873	1121.667	1171.469
71.0	691.531	766.612	949.891	1101.949	1152.256
71.5	667.515	744.492	929.414	1082.736	1133.296
72.0	644.004	722.246	908.937	1063.650	1114.842
72.5	620.368	700.758	888.966	1044.943	1096.514
73.0	597.363	679.396	869.122	1026.489	1078.060
73.5	574.990	658.288	849.909	1008.161	1060.111
74.0	552.871	637.811	830.443	990.465	1042.036
74.5	531.130	617.208	811.863	972.895	1024.972
75.0	509.516	597.110	793.408	955.705	1008.414
75.5	488.281	577.518	775.207	938.641	991.603
76.0	467.677	558.306	757.511	921.704	975.171
76.5	447.201	539.346	739.942	905.145	958.739
77.0	426.977	520.512	722.625	888.713	942.812
77.5	407.132	502.184	705.561	872.787	927.012
78.0	387.540	484.236	689.003	857.114	911.465
78.5	368.328	466.540	672.571	841.314	896.045
79.0	349.494	449.350	656.644	826.019	880.877
79.5	330.787	432.286	640.971	811.104	865.709
80.0	312.333	415.475	625.297	796.316	851.299
80.5	294.384	399.169	610.129	781.400	836.637
81.0	276.941	383.116	595.594	766.991	822.354
81.5	259.245	367.443	581.058	752.708	808.071
82.0	242.181	352.148	566.901	738.930	794.293
82.5	225.496	337.107	552.997	725.153	780.768

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83.0	209.064	322.445	539.346	711.881	767.623
83.5	192.759	308.161	526.327	698.356	753.972
84.0	176.833	294.258	513.687	685.590	740.953
84.5	161.033	280.859	501.300	672.950	728.186
85.0	145.865	267.840	489.165	660.436	715.420
85.5	130.697	255.453	477.284	648.302	703.033
86.0	115.782	243.571	465.655	636.420	690.772
86.5	100.993	232.448	454.658	624.539	678.511
87.0	86.457	221.704	443.535	613.289	666.504
87.5	71.921	211.719	433.044	601.913	655.001
88.0	57.512	201.986	422.679	590.917	643.372
88.5	42.976	192.885	412.694	580.046	632.123
89.0	29.704	184.290	403.214	569.555	621.000
89.5	18.833	176.327	393.987	559.443	610.129
90.0	11.250	169.249	385.518	549.837	600.144
90.5	7.963	163.055	377.681	540.231	589.526
91.0	8.469	157.367	369.718	530.498	579.414
91.5	10.112	151.932	361.755	521.271	569.302
92.0	12.008	147.382	354.171	511.917	559.443
92.5	14.030	143.463	347.724	502.943	549.711
93.0	16.053	140.050	341.025	494.474	540.357
93.5	18.201	137.396	334.705	486.132	531.509
94.0	20.477	135.121	328.765	478.295	522.914
94.5	22.625	133.478	323.203	470.332	514.066
95.0	24.774	132.214	318.021	462.495	505.597
95.5	26.797	131.329	313.217	455.037	497.255
96.0	28.440	130.950	309.046	447.833	489.039
96.5	30.083	130.950	304.875	441.134	481.455
97.0	31.600	131.076	301.083	434.687	473.871
97.5	33.243	131.582	297.544	428.494	466.919
98.0	34.633	132.087	294.384	422.426	459.841
98.5	36.277	132.719	291.730	416.612	453.268
99.0	37.920	133.478	288.949	411.177	446.822
99.5	39.689	134.362	286.547	405.995	440.502
100.0	41.206	135.247	284.651	401.191	434.814
100.5	42.976	136.258	282.755	396.515	428.999
101.0	44.493	137.270	281.365	392.091	423.817
101.5	46.009	138.281	279.974	387.919	418.508
102.0	47.400	139.292	278.963	384.001	413.831
102.5	48.790	140.303	277.952	380.336	409.155
103.0	50.181	141.441	277.194	376.670	404.983
103.5	51.697	142.578	276.562	373.510	400.686
104.0	53.341	143.590	275.930	370.603	396.767
104.5	54.984	144.727	275.550	367.822	393.102
105.0	56.500	145.865	275.171	365.294	389.563
105.5	57.891	146.876	274.792	362.640	386.529
106.0	59.534	148.140	274.666	360.364	383.495
106.5	61.051	149.278	274.666	358.216	380.462
107.0	62.568	150.542	274.666	356.193	377.934
107.5	63.958	151.553	274.666	354.676	375.280
108.0	65.728	152.817	274.666	352.907	372.625
108.5	67.371	154.081	274.792	351.643	370.856
109.0	69.014	155.092	275.045	350.000	369.086
109.5	70.784	156.230	275.171	348.862	367.190
110.0	72.553	157.367	275.424	347.598	365.673
110.5	74.323	158.505	275.677	346.460	364.283

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CANDELA TABULATION - (Cont.)

111.0	76.092	159.642	275.803	345.449	362.766
111.5	77.862	160.654	275.930	344.691	361.502
112.0	79.758	161.791	276.182	343.933	359.985
112.5	81.654	162.929	276.435	343.048	358.595
113.0	83.676	164.066	276.814	342.416	357.963
113.5	85.572	165.077	276.814	341.784	357.078
114.0	87.595	166.089	277.067	341.278	356.193
114.5	89.491	167.226	277.320	340.646	355.435
115.0	91.513	168.111	277.573	340.267	354.803
115.5	93.535	169.249	277.573	339.888	354.171
116.0	95.431	170.260	277.952	339.382	353.412
116.5	97.201	171.271	278.205	338.877	353.160
117.0	99.223	172.409	278.458	338.877	352.528
117.5	101.119	173.293	278.710	338.371	352.148
118.0	102.763	174.178	278.963	338.118	351.643
118.5	104.659	175.063	279.090	337.739	351.516
119.0	106.302	175.948	279.342	337.360	350.758
119.5	108.071	176.580	279.595	336.981	350.632
120.0	109.715	177.212	279.469	336.728	350.000
120.5	111.358	177.970	279.595	336.222	349.873
121.0	113.001	178.476	279.848	335.843	349.368
121.5	114.771	179.108	279.722	335.337	349.115
122.0	116.414	179.866	279.722	335.085	348.736
122.5	118.057	180.625	279.848	334.579	347.851
123.0	119.700	181.383	279.722	334.073	347.724
123.5	121.217	182.015	279.469	333.694	346.966
124.0	122.481	182.521	279.469	333.315	346.840
124.5	123.745	183.026	279.469	332.683	346.334
125.0	125.009	183.658	279.216	332.051	345.828
125.5	126.273	184.037	278.963	331.672	345.196
126.0	127.410	184.543	278.837	330.913	344.691
126.5	128.422	185.175	278.584	330.408	344.312
127.0	129.559	185.428	278.331	329.776	343.806
127.5	130.444	185.807	277.952	329.144	342.921
128.0	131.582	185.807	277.826	328.385	342.416
128.5	132.466	186.060	277.320	327.753	341.910
129.0	133.351	186.313	276.814	327.121	341.278
129.5	134.110	186.692	275.930	326.110	340.520
130.0	134.742	186.945	275.045	325.478	339.761
130.5	135.374	187.197	274.034	324.720	338.877
131.0	135.753	187.577	273.022	323.582	337.992
131.5	136.258	187.956	272.011	322.571	337.107
132.0	136.764	188.335	270.874	321.939	336.349
132.5	137.017	188.461	269.610	320.675	335.211
133.0	137.396	188.588	269.104	319.537	333.821
133.5	137.522	188.461	268.346	318.653	333.189
134.0	137.649	188.209	267.840	317.641	332.304
134.5	138.028	187.703	267.208	316.504	330.661
135.0	138.407	187.324	266.450	314.987	329.397
135.5	138.281	186.313	265.818	313.976	328.385
136.0	138.534	186.186	264.933	312.712	327.121
136.5	138.786	185.807	264.301	311.321	325.857
137.0	138.913	185.175	263.290	310.184	324.467
137.5	139.039	184.543	262.405	308.667	323.203
138.0	139.292	184.164	261.141	307.403	321.686
138.5	139.292	183.658	259.498	306.013	320.549

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	139.166	183.279	257.602	304.370	318.779
139.5	139.166	182.773	255.327	302.600	317.515
140.0	139.166	182.141	252.799	300.957	315.745
140.5	139.166	181.762	250.523	298.934	313.849
141.0	139.166	181.509	247.995	296.786	312.333
141.5	139.166	181.004	245.467	294.890	310.816
142.0	139.039	180.751	243.066	292.488	309.173
142.5	138.913	180.372	240.538	290.339	307.277
143.0	138.786	179.993	238.136	288.317	305.381
143.5	138.786	179.487	235.356	286.168	303.611
144.0	138.786	178.855	232.954	284.525	301.589
144.5	139.166	178.349	230.552	282.629	299.819
145.0	139.671	177.844	227.898	280.986	297.797
145.5	140.556	177.212	225.496	279.342	295.774
146.0	141.694	176.706	223.221	277.573	293.878
146.5	142.831	176.201	221.325	275.677	291.730
147.0	143.969	175.569	219.176	273.781	289.581
147.5	144.980	175.316	217.533	271.885	287.432
148.0	146.118	174.810	215.764	269.736	285.157
148.5	147.129	174.684	214.373	267.714	282.882
149.0	148.393	174.684	212.856	265.691	280.859
149.5	149.278	175.063	211.466	263.543	278.331
150.0	150.289	175.316	210.076	261.520	275.677
150.5	151.174	175.442	208.559	259.245	272.896
151.0	151.806	175.821	206.536	256.970	269.610
151.5	152.438	175.948	204.388	254.568	266.576
152.0	153.196	176.201	202.365	252.040	263.543
152.5	153.954	176.453	200.469	249.386	260.256
153.0	154.460	176.580	198.447	246.352	257.602
153.5	155.092	176.959	196.298	243.192	254.568
154.0	155.598	176.833	194.402	239.653	252.040
154.5	156.230	176.959	192.759	236.240	249.512
155.0	156.482	177.212	191.116	232.322	247.616
155.5	156.988	177.338	189.473	228.656	245.594
156.0	157.367	177.338	188.335	224.738	243.824
156.5	157.999	177.338	187.197	220.820	241.549
157.0	158.252	177.591	186.060	217.280	239.400
157.5	158.631	177.591	185.301	213.868	236.999
158.0	159.137	177.465	184.922	210.328	234.724
158.5	159.263	177.465	184.417	207.421	232.069
159.0	159.895	177.085	184.037	204.640	229.794
159.5	160.401	176.833	183.405	201.986	227.266
160.0	161.033	176.580	182.773	199.837	224.738
160.5	161.791	176.453	182.268	197.815	222.336
161.0	162.297	176.074	182.141	195.666	219.935
161.5	163.055	175.948	181.889	193.517	218.165
162.0	163.687	175.695	182.268	191.748	216.648
162.5	164.319	175.695	182.521	189.852	214.879
163.0	165.077	175.569	182.647	187.829	213.362
163.5	165.709	175.569	182.900	185.681	211.466
164.0	165.962	175.569	183.153	183.026	209.696
164.5	166.341	175.316	182.900	181.004	207.421
165.0	166.721	175.316	182.521	178.981	205.146
165.5	167.100	175.189	182.141	177.591	202.744
166.0	167.479	175.063	181.889	176.074	199.079
166.5	167.858	175.063	181.509	174.810	197.309

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	168.364	175.063	181.130	173.673	195.919
167.5	168.617	175.063	180.372	172.661	194.529
168.0	168.996	175.063	179.740	171.650	193.391
168.5	169.754	174.557	178.855	170.765	192.001
169.0	170.133	174.684	178.223	169.881	190.610
169.5	170.765	174.305	177.212	168.869	189.093
170.0	171.018	174.178	176.327	167.605	187.703
170.5	171.397	173.925	175.189	166.215	186.186
171.0	171.650	173.673	173.925	164.698	184.290
171.5	172.029	173.673	172.788	163.308	182.773
172.0	172.661	173.420	172.156	161.918	180.498
172.5	173.041	173.420	171.397	160.401	177.970
173.0	173.546	173.167	170.765	159.010	173.673
173.5	174.178	173.293	170.513	157.620	167.226
174.0	174.684	173.293	170.386	156.482	159.263
174.5	175.063	173.293	170.133	155.345	149.783
175.0	175.821	173.673	170.007	154.460	139.039
175.5	176.074	173.799	169.881	154.081	127.790
176.0	176.580	174.052	169.881	153.702	120.459
176.5	176.706	174.178	169.754	153.702	115.276
177.0	177.212	174.431	169.501	153.322	109.967
177.5	177.338	174.431	169.122	153.196	108.830
178.0	177.844	174.684	168.996	153.070	109.083
178.5	178.097	174.810	169.122	152.817	109.335
179.0	178.349	174.810	168.996	152.438	109.462
179.5	178.602	174.810	168.869	152.311	109.588
180.0	160.148	160.148	160.148	160.148	160.148

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1447.11	N.A.	11.70
0-30	3032.19	N.A.	24.50
0-40	4870.8	N.A.	39.40
0-60	8243.19	N.A.	66.70
0-80	10269.54	N.A.	83.10
0-90	10779.16	N.A.	87.30
10-90	10401.89	N.A.	84.20
20-40	3423.68	N.A.	27.70
20-50	5234.25	N.A.	42.40
40-70	4573.69	N.A.	37.00
60-80	2026.35	N.A.	16.40
70-80	825.06	N.A.	6.70
80-90	509.62	N.A.	4.10
90-110	595.24	N.A.	4.80
90-120	845.83	N.A.	6.80
90-130	1076.47	N.A.	8.70
90-150	1413.2	N.A.	11.40
90-180	1574.18	N.A.	12.70
110-180	978.93	N.A.	7.90
0-180	12353.34	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	377.27
10-20	1069.85
20-30	1585.08
30-40	1838.6
40-50	1810.57
50-60	1561.82
60-70	1201.3
70-80	825.06
80-90	509.62
90-100	326.52
100-110	268.73
110-120	250.59
120-130	230.63
130-140	193.81
140-150	142.93
150-160	93.45
160-170	51.49
170-180	16.04

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-835-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-L130-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

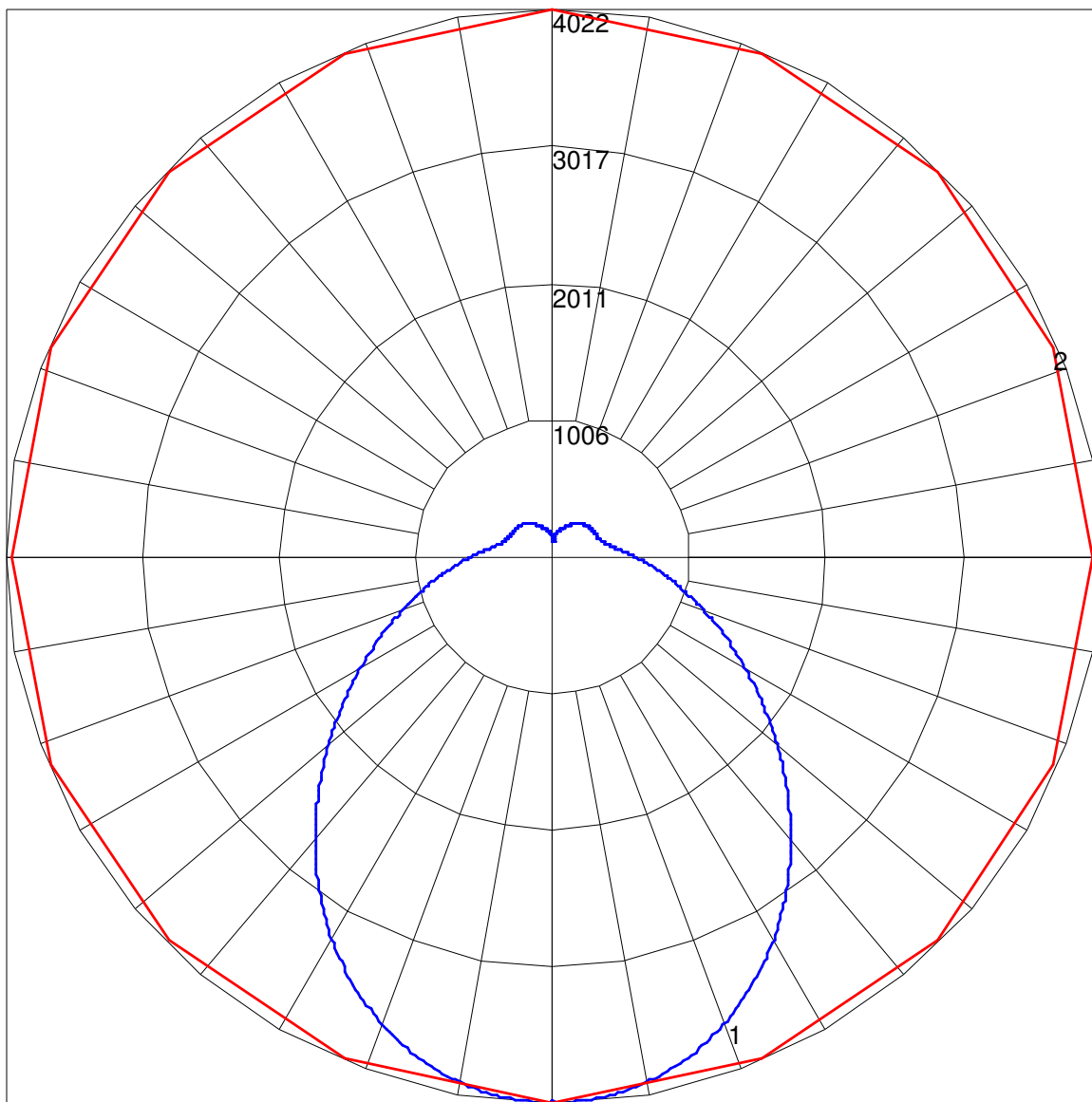
Reflectances

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	18.1	19.5	18.6	20.0	20.6	19.8	21.2	20.4	21.7	22.3
	3H	19.5	20.7	20.0	21.3	21.9	22.0	23.3	22.6	23.8	24.5
	4H	19.9	21.1	20.5	21.6	22.3	23.1	24.3	23.7	24.8	25.5
	6H	20.2	21.3	20.8	21.9	22.6	24.2	25.3	24.8	25.9	26.6
	8H	20.3	21.3	20.9	21.9	22.6	24.8	25.9	25.5	26.5	27.2
	12H	20.3	21.3	20.9	21.9	22.6	25.6	26.5	26.2	27.2	27.9
4H	2H	18.8	20.0	19.4	20.6	21.3	20.2	21.4	20.8	22.0	22.6
	3H	20.4	21.4	21.0	22.0	22.7	22.7	23.6	23.3	24.3	25.0
	4H	21.0	21.9	21.6	22.5	23.3	23.9	24.8	24.5	25.4	26.2
	6H	21.4	22.2	22.1	22.9	23.6	25.3	26.0	25.9	26.7	27.4
	8H	21.5	22.3	22.2	22.9	23.7	26.0	26.7	26.6	27.4	28.1
	12H	21.6	22.3	22.3	23.0	23.7	26.8	27.5	27.5	28.2	28.9
8H	4H	21.6	22.3	22.2	23.0	23.7	24.1	24.8	24.8	25.5	26.3
	6H	22.2	22.8	22.8	23.5	24.2	25.6	26.3	26.3	27.0	27.7
	8H	22.4	22.9	23.1	23.6	24.4	26.5	27.1	27.2	27.8	28.5
	12H	22.5	23.0	23.2	23.7	24.5	27.5	28.0	28.2	28.7	29.5
12H	4H	21.8	22.4	22.4	23.1	23.9	24.1	24.8	24.8	25.5	26.2
	6H	22.4	23.0	23.1	23.7	24.5	25.7	26.2	26.4	26.9	27.7
	8H	22.7	23.2	23.4	23.9	24.7	26.6	27.1	27.3	27.8	28.6

Maximum UGR = 29.5

POLAR GRAPH



Maximum Candela = 4022.026 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.)