

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-830-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-L130-830-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	12230
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
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	13527	12064	11866
55	11768	10351	10417
65	9968	8894	9284
75	8124	7811	8677
85	6381	7771	9168

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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	3958.030	3958.030	3958.030	3958.030	3958.030
0.5	3939.259	3954.276	3956.778	3955.527	3981.805
1.0	3939.259	3955.527	3955.527	3954.276	3980.554
1.5	3935.505	3955.527	3954.276	3953.024	3981.805
2.0	3934.254	3951.773	3954.276	3951.773	3978.051
2.5	3934.254	3951.773	3950.522	3950.522	3975.549
3.0	3930.500	3948.019	3948.019	3948.019	3973.046
3.5	3927.997	3944.265	3944.265	3945.516	3970.543
4.0	3925.494	3941.762	3941.762	3940.511	3968.040
4.5	3919.238	3938.008	3939.259	3938.008	3964.286
5.0	3915.484	3934.254	3934.254	3934.254	3960.532
5.5	3910.478	3929.248	3929.248	3930.500	3955.527
6.0	3907.975	3922.992	3924.243	3924.243	3950.522
6.5	3899.216	3917.986	3919.238	3919.238	3944.265
7.0	3894.211	3911.730	3912.981	3911.730	3939.259
7.5	3889.205	3904.221	3906.724	3906.724	3933.003
8.0	3882.948	3899.216	3899.216	3899.216	3924.243
8.5	3876.692	3890.457	3892.959	3892.959	3916.735
9.0	3866.681	3884.200	3885.451	3884.200	3907.975
9.5	3860.424	3875.440	3875.440	3875.440	3902.970
10.0	3850.413	3865.429	3865.429	3867.932	3892.959
10.5	3841.654	3856.670	3857.921	3857.921	3884.200
11.0	3832.894	3847.911	3849.162	3847.911	3874.189
11.5	3821.632	3837.900	3840.402	3837.900	3865.429
12.0	3811.621	3826.638	3829.140	3829.140	3854.167
12.5	3801.610	3815.375	3819.129	3816.627	3844.156
13.0	3790.348	3805.365	3807.867	3806.616	3832.894
13.5	3779.086	3792.851	3795.354	3795.354	3822.883
14.0	3765.321	3780.337	3782.840	3782.840	3809.119
14.5	3754.059	3767.824	3770.327	3770.327	3799.108
15.0	3742.797	3755.310	3756.562	3756.562	3784.092
15.5	3729.032	3740.294	3744.048	3744.048	3769.075
16.0	3714.016	3726.529	3730.283	3730.283	3756.562
16.5	3701.502	3711.513	3715.267	3716.518	3742.797
17.0	3683.983	3695.245	3700.251	3701.502	3727.781
17.5	3668.967	3680.229	3685.235	3686.486	3712.764
18.0	3655.202	3665.213	3668.967	3672.721	3699.000
18.5	3638.935	3650.197	3653.951	3656.454	3682.732
19.0	3622.667	3631.426	3637.683	3640.186	3665.213
19.5	3603.897	3616.410	3621.416	3626.421	3648.945
20.0	3583.875	3597.640	3603.897	3607.651	3631.426
20.5	3563.853	3581.372	3586.378	3591.383	3615.159
21.0	3547.586	3561.351	3565.105	3575.116	3597.640
21.5	3528.816	3542.580	3548.837	3553.843	3578.870
22.0	3508.794	3525.061	3531.318	3536.324	3562.602
22.5	3491.275	3502.537	3511.297	3518.805	3543.832
23.0	3470.002	3482.515	3491.275	3498.783	3523.810
23.5	3447.478	3461.242	3472.505	3480.013	3505.040
24.0	3424.953	3439.969	3451.232	3459.991	3485.018
24.5	3406.183	3418.696	3431.210	3438.718	3462.494
25.0	3384.910	3397.423	3411.188	3418.696	3442.472
25.5	3361.134	3376.150	3387.413	3398.675	3418.696
26.0	3338.610	3352.375	3367.391	3377.402	3399.926
26.5	3314.834	3328.599	3346.118	3354.877	3378.653

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27.0	3291.058	3303.572	3324.845	3336.107	3357.380
27.5	3263.529	3279.796	3301.069	3311.080	3336.107
28.0	3243.507	3256.021	3277.294	3288.556	3312.331
28.5	3217.229	3232.245	3253.518	3264.780	3288.556
29.0	3192.202	3207.218	3228.491	3242.256	3266.031
29.5	3165.923	3180.939	3203.464	3217.229	3241.004
30.0	3139.645	3155.912	3178.437	3195.956	3219.731
30.5	3112.115	3128.383	3154.661	3172.180	3194.704
31.0	3085.837	3102.104	3128.383	3147.153	3168.426
31.5	3058.307	3077.077	3103.356	3123.377	3145.902
32.0	3032.028	3048.296	3078.328	3097.099	3119.623
32.5	3003.247	3020.766	3052.050	3072.072	3094.596
33.0	2975.717	2994.488	3023.269	3047.045	3069.569
33.5	2949.439	2966.958	2998.242	3019.515	3043.291
34.0	2918.155	2938.177	2970.712	2994.488	3019.515
34.5	2889.374	2910.647	2944.434	2966.958	2991.985
35.0	2863.096	2880.615	2918.155	2941.931	2965.707
35.5	2829.309	2853.085	2889.374	2914.401	2938.177
36.0	2803.031	2823.052	2861.844	2886.871	2911.898
36.5	2770.496	2793.020	2833.063	2860.593	2886.871
37.0	2740.463	2764.239	2804.282	2831.812	2860.593
37.5	2709.179	2732.955	2776.752	2806.785	2831.812
38.0	2677.895	2702.923	2746.720	2778.004	2801.779
38.5	2645.360	2671.639	2717.939	2751.725	2774.250
39.0	2616.579	2640.355	2687.906	2722.944	2751.725
39.5	2584.044	2611.574	2659.125	2694.163	2721.693
40.0	2549.006	2579.039	2629.093	2667.885	2692.912
40.5	2516.471	2547.755	2600.312	2640.355	2665.382
41.0	2486.438	2516.471	2570.279	2611.574	2636.601
41.5	2453.903	2485.187	2540.247	2582.793	2609.071
42.0	2421.368	2453.903	2510.214	2555.263	2581.541
42.5	2390.084	2421.368	2478.930	2526.482	2552.760
43.0	2355.046	2390.084	2450.149	2498.952	2525.230
43.5	2325.014	2357.549	2418.865	2470.171	2497.701
44.0	2291.227	2325.014	2387.582	2442.641	2468.920
44.5	2259.944	2293.730	2356.298	2412.609	2440.138
45.0	2227.408	2261.195	2326.265	2386.330	2413.860
45.5	2194.873	2229.911	2296.233	2358.800	2386.330
46.0	2162.338	2197.376	2263.698	2328.768	2357.549
46.5	2129.803	2164.841	2236.168	2303.741	2330.019
47.0	2096.016	2133.557	2204.884	2273.708	2302.490
47.5	2063.481	2101.022	2173.600	2244.927	2273.708
48.0	2032.197	2068.487	2142.316	2218.649	2244.927
48.5	1997.159	2037.203	2113.535	2188.616	2217.398
49.0	1965.876	2003.416	2081.000	2159.835	2188.616
49.5	1933.340	1972.132	2050.968	2132.306	2161.087
50.0	1899.554	1939.597	2020.935	2102.273	2132.306
50.5	1868.270	1908.313	1989.651	2077.246	2106.027
51.0	1835.735	1875.778	1962.122	2048.465	2078.497
51.5	1804.451	1843.243	1930.838	2020.935	2050.968
52.0	1770.665	1811.959	1900.805	1992.154	2023.438
52.5	1738.129	1779.424	1872.024	1963.373	1997.159
53.0	1704.343	1748.140	1841.992	1938.346	1968.378
53.5	1671.808	1716.856	1813.211	1909.565	1942.100
54.0	1640.524	1685.573	1784.429	1882.035	1915.821
54.5	1610.491	1653.037	1755.648	1857.008	1889.543

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55.0	1579.208	1623.005	1726.867	1828.227	1865.767
55.5	1552.929	1591.721	1698.086	1801.948	1836.986
56.0	1522.897	1564.191	1670.556	1775.670	1810.708
56.5	1491.613	1535.410	1641.775	1749.392	1785.681
57.0	1461.580	1506.629	1614.245	1723.113	1759.402
57.5	1430.297	1476.597	1590.470	1698.086	1730.621
58.0	1399.013	1446.564	1562.940	1670.556	1709.348
58.5	1368.980	1416.532	1535.410	1646.781	1684.321
59.0	1338.948	1386.499	1509.132	1625.508	1658.043
59.5	1308.915	1357.718	1485.356	1599.229	1638.021
60.0	1278.883	1327.686	1459.078	1574.202	1612.994
60.5	1249.476	1298.904	1432.799	1550.426	1587.967
61.0	1219.944	1270.123	1406.521	1526.651	1564.191
61.5	1190.662	1241.592	1380.242	1502.875	1541.667
62.0	1161.881	1213.312	1355.215	1480.351	1517.891
62.5	1133.476	1185.282	1328.937	1457.826	1495.367
63.0	1104.694	1157.376	1303.910	1434.051	1475.345
63.5	1076.164	1129.847	1280.134	1411.526	1452.821
64.0	1048.384	1102.692	1255.107	1387.751	1430.297
64.5	1020.729	1076.164	1231.331	1365.226	1407.772
65.0	993.324	1049.510	1207.431	1342.702	1386.499
65.5	966.295	1023.482	1183.780	1320.177	1363.975
66.0	938.890	997.453	1160.380	1297.653	1342.702
66.5	912.111	972.051	1137.104	1276.380	1321.429
67.0	885.958	946.899	1113.954	1253.856	1300.156
67.5	859.680	922.122	1091.305	1232.833	1278.883
68.0	833.777	897.971	1068.781	1211.560	1258.861
68.5	808.249	873.945	1046.757	1190.913	1237.964
69.0	782.846	850.169	1024.983	1170.140	1218.192
69.5	757.819	826.894	1003.460	1149.993	1198.546
70.0	732.917	803.994	982.312	1130.222	1179.025
70.5	708.641	781.345	961.164	1110.451	1159.754
71.0	684.615	758.946	940.392	1090.930	1140.733
71.5	660.840	737.047	920.120	1071.909	1121.963
72.0	637.564	715.023	899.848	1053.014	1103.693
72.5	614.164	693.750	880.077	1034.494	1085.549
73.0	591.389	672.602	860.430	1016.224	1067.279
73.5	569.240	651.705	841.410	998.079	1049.510
74.0	547.342	631.433	822.139	980.560	1031.615
74.5	525.819	611.036	803.744	963.166	1014.722
75.0	504.420	591.139	785.474	946.148	998.329
75.5	483.398	571.743	767.455	929.255	981.686
76.0	463.001	552.723	749.936	912.487	965.419
76.5	442.729	533.952	732.542	896.094	949.151
77.0	422.707	515.307	715.399	879.826	933.384
77.5	403.061	497.163	698.505	864.059	917.742
78.0	383.665	479.393	682.113	848.542	902.351
78.5	364.644	461.874	665.845	832.901	887.084
79.0	345.999	444.856	650.078	817.759	872.068
79.5	327.479	427.963	634.561	802.993	857.052
80.0	309.209	411.320	619.044	788.352	842.786
80.5	291.440	395.177	604.028	773.586	828.271
81.0	274.171	379.285	589.638	759.321	814.130
81.5	256.653	363.768	575.247	745.181	799.990
82.0	239.759	348.627	561.232	731.541	786.350
82.5	223.241	333.736	547.467	717.901	772.961

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83.0	206.974	319.220	533.952	704.762	759.947
83.5	190.831	305.080	521.063	691.373	746.432
84.0	175.064	291.315	508.550	678.734	733.543
84.5	159.422	278.051	496.287	666.220	720.904
85.0	144.406	265.162	484.274	653.832	708.266
85.5	129.390	252.898	472.511	641.819	696.003
86.0	114.624	241.136	460.998	630.056	683.864
86.5	99.983	230.124	450.112	618.294	671.726
87.0	85.593	219.487	439.100	607.156	659.838
87.5	71.202	209.602	428.714	595.894	648.451
88.0	56.937	199.966	418.452	585.008	636.939
88.5	42.546	190.956	408.567	574.246	625.802
89.0	29.407	182.447	399.182	563.860	614.790
89.5	18.645	174.564	390.047	553.849	604.028
90.0	11.137	167.556	381.663	544.339	594.142
90.5	7.884	161.425	373.904	534.828	583.631
91.0	8.384	155.793	366.021	525.193	573.620
91.5	10.011	150.413	358.137	516.058	563.609
92.0	11.888	145.908	350.629	506.798	553.849
92.5	13.890	142.029	344.247	497.913	544.213
93.0	15.892	138.650	337.615	489.529	534.953
93.5	18.019	136.022	331.358	481.270	526.194
94.0	20.272	133.770	325.477	473.512	517.685
94.5	22.399	132.143	319.971	465.628	508.925
95.0	24.527	130.892	314.840	457.870	500.541
95.5	26.529	130.016	310.085	450.487	492.282
96.0	28.155	129.640	305.956	443.354	484.148
96.5	29.782	129.640	301.826	436.722	476.640
97.0	31.284	129.765	298.072	430.340	469.132
97.5	32.911	130.266	294.569	424.209	462.250
98.0	34.287	130.766	291.440	418.202	455.242
98.5	35.914	131.392	288.812	412.446	448.735
99.0	37.541	132.143	286.059	407.065	442.353
99.5	39.292	133.019	283.682	401.935	436.097
100.0	40.794	133.895	281.805	397.179	430.465
100.5	42.546	134.896	279.928	392.549	424.709
101.0	44.048	135.897	278.551	388.170	419.579
101.5	45.549	136.898	277.175	384.040	414.323
102.0	46.926	137.899	276.174	380.161	409.693
102.5	48.302	138.900	275.173	376.532	405.063
103.0	49.679	140.026	274.422	372.903	400.934
103.5	51.180	141.153	273.796	369.775	396.679
104.0	52.807	142.154	273.170	366.897	392.800
104.5	54.434	143.280	272.795	364.144	389.171
105.0	55.935	144.406	272.420	361.641	385.667
105.5	57.312	145.407	272.044	359.013	382.664
106.0	58.939	146.659	271.919	356.761	379.661
106.5	60.440	147.785	271.919	354.633	376.657
107.0	61.942	149.036	271.919	352.631	374.155
107.5	63.318	150.037	271.919	351.130	371.527
108.0	65.070	151.289	271.919	349.378	368.899
108.5	66.697	152.540	272.044	348.126	367.147
109.0	68.324	153.541	272.294	346.500	365.395
109.5	70.076	154.667	272.420	345.373	363.518
110.0	71.828	155.793	272.670	344.122	362.016
110.5	73.580	156.920	272.920	342.996	360.640

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CANDELA TABULATION - (Cont.)

111.0	75.331	158.046	273.045	341.995	359.138
111.5	77.083	159.047	273.170	341.244	357.887
112.0	78.960	160.173	273.421	340.493	356.385
112.5	80.837	161.299	273.671	339.617	355.009
113.0	82.840	162.426	274.046	338.992	354.383
113.5	84.717	163.427	274.046	338.366	353.507
114.0	86.719	164.428	274.297	337.865	352.631
114.5	88.596	165.554	274.547	337.240	351.880
115.0	90.598	166.430	274.797	336.864	351.255
115.5	92.600	167.556	274.797	336.489	350.629
116.0	94.477	168.557	275.173	335.988	349.878
116.5	96.229	169.558	275.423	335.488	349.628
117.0	98.231	170.685	275.673	335.488	349.002
117.5	100.108	171.560	275.923	334.987	348.627
118.0	101.735	172.436	276.174	334.737	348.126
118.5	103.612	173.312	276.299	334.362	348.001
119.0	105.239	174.188	276.549	333.986	347.250
119.5	106.991	174.814	276.799	333.611	347.125
120.0	108.617	175.440	276.674	333.360	346.500
120.5	110.244	176.191	276.799	332.860	346.375
121.0	111.871	176.691	277.050	332.484	345.874
121.5	113.623	177.317	276.924	331.984	345.624
122.0	115.250	178.068	276.924	331.734	345.248
122.5	116.876	178.818	277.050	331.233	344.372
123.0	118.503	179.569	276.924	330.733	344.247
123.5	120.005	180.195	276.674	330.357	343.496
124.0	121.256	180.695	276.674	329.982	343.371
124.5	122.507	181.196	276.674	329.356	342.871
125.0	123.759	181.822	276.424	328.730	342.370
125.5	125.010	182.197	276.174	328.355	341.745
126.0	126.136	182.698	276.048	327.604	341.244
126.5	127.137	183.323	275.798	327.104	340.869
127.0	128.264	183.573	275.548	326.478	340.368
127.5	129.140	183.949	275.173	325.852	339.492
128.0	130.266	183.949	275.047	325.102	338.992
128.5	131.142	184.199	274.547	324.476	338.491
129.0	132.018	184.449	274.046	323.850	337.865
129.5	132.769	184.825	273.170	322.849	337.115
130.0	133.394	185.075	272.294	322.223	336.364
130.5	134.020	185.325	271.293	321.473	335.488
131.0	134.395	185.701	270.292	320.346	334.612
131.5	134.896	186.076	269.291	319.345	333.736
132.0	135.396	186.452	268.165	318.720	332.985
132.5	135.647	186.577	266.914	317.468	331.859
133.0	136.022	186.702	266.413	316.342	330.482
133.5	136.147	186.577	265.662	315.466	329.857
134.0	136.272	186.326	265.162	314.465	328.981
134.5	136.648	185.826	264.536	313.339	327.354
135.0	137.023	185.451	263.785	311.837	326.103
135.5	136.898	184.449	263.160	310.836	325.102
136.0	137.148	184.324	262.284	309.585	323.850
136.5	137.399	183.949	261.658	308.208	322.599
137.0	137.524	183.323	260.657	307.082	321.222
137.5	137.649	182.698	259.781	305.580	319.971
138.0	137.899	182.322	258.530	304.329	318.469
138.5	137.899	181.822	256.903	302.953	317.343

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	137.774	181.446	255.026	301.326	315.591
139.5	137.774	180.946	252.773	299.574	314.340
140.0	137.774	180.320	250.271	297.947	312.588
140.5	137.774	179.945	248.018	295.945	310.711
141.0	137.774	179.694	245.515	293.818	309.209
141.5	137.774	179.194	243.013	291.941	307.708
142.0	137.649	178.943	240.635	289.563	306.081
142.5	137.524	178.568	238.132	287.436	304.204
143.0	137.399	178.193	235.755	285.434	302.327
143.5	137.399	177.692	233.002	283.306	300.575
144.0	137.399	177.066	230.624	281.680	298.573
144.5	137.774	176.566	228.247	279.803	296.821
145.0	138.275	176.065	225.619	278.176	294.819
145.5	139.150	175.440	223.241	276.549	292.817
146.0	140.277	174.939	220.989	274.797	290.940
146.5	141.403	174.439	219.112	272.920	288.812
147.0	142.529	173.813	216.985	271.043	286.685
147.5	143.530	173.563	215.358	269.166	284.558
148.0	144.656	173.062	213.606	267.039	282.305
148.5	145.657	172.937	212.229	265.037	280.053
149.0	146.909	172.937	210.728	263.034	278.051
149.5	147.785	173.312	209.351	260.907	275.548
150.0	148.786	173.563	207.975	258.905	272.920
150.5	149.662	173.688	206.473	256.653	270.167
151.0	150.287	174.063	204.471	254.400	266.914
151.5	150.913	174.188	202.344	252.022	263.910
152.0	151.664	174.439	200.342	249.520	260.907
152.5	152.415	174.689	198.465	246.892	257.654
153.0	152.915	174.814	196.462	243.889	255.026
153.5	153.541	175.189	194.335	240.760	252.022
154.0	154.042	175.064	192.458	237.257	249.520
154.5	154.667	175.189	190.831	233.878	247.017
155.0	154.918	175.440	189.205	229.999	245.140
155.5	155.418	175.565	187.578	226.370	243.138
156.0	155.793	175.565	186.452	222.491	241.386
156.5	156.419	175.565	185.325	218.611	239.134
157.0	156.669	175.815	184.199	215.108	237.006
157.5	157.045	175.815	183.448	211.729	234.629
158.0	157.545	175.690	183.073	208.225	232.376
158.5	157.670	175.690	182.572	205.347	229.748
159.0	158.296	175.315	182.197	202.594	227.496
159.5	158.797	175.064	181.571	199.966	224.993
160.0	159.422	174.814	180.946	197.839	222.491
160.5	160.173	174.689	180.445	195.837	220.113
161.0	160.674	174.313	180.320	193.709	217.735
161.5	161.425	174.188	180.070	191.582	215.984
162.0	162.050	173.938	180.445	189.830	214.482
162.5	162.676	173.938	180.695	187.953	212.730
163.0	163.427	173.813	180.821	185.951	211.228
163.5	164.052	173.813	181.071	183.824	209.351
164.0	164.303	173.813	181.321	181.196	207.599
164.5	164.678	173.563	181.071	179.194	205.347
165.0	165.053	173.563	180.695	177.192	203.095
165.5	165.429	173.438	180.320	175.815	200.717
166.0	165.804	173.312	180.070	174.313	197.088
166.5	166.180	173.312	179.694	173.062	195.336

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	166.680	173.312	179.319	171.936	193.960
167.5	166.930	173.312	178.568	170.935	192.583
168.0	167.306	173.312	177.942	169.934	191.457
168.5	168.057	172.812	177.066	169.058	190.081
169.0	168.432	172.937	176.441	168.182	188.704
169.5	169.058	172.562	175.440	167.181	187.202
170.0	169.308	172.436	174.564	165.929	185.826
170.5	169.683	172.186	173.438	164.553	184.324
171.0	169.934	171.936	172.186	163.051	182.447
171.5	170.309	171.936	171.060	161.675	180.946
172.0	170.935	171.686	170.434	160.298	178.693
172.5	171.310	171.686	169.683	158.797	176.191
173.0	171.811	171.435	169.058	157.420	171.936
173.5	172.436	171.560	168.808	156.044	165.554
174.0	172.937	171.560	168.682	154.918	157.670
174.5	173.312	171.560	168.432	153.791	148.285
175.0	174.063	171.936	168.307	152.915	137.649
175.5	174.313	172.061	168.182	152.540	126.512
176.0	174.814	172.311	168.182	152.165	119.254
176.5	174.939	172.436	168.057	152.165	114.123
177.0	175.440	172.687	167.806	151.789	108.868
177.5	175.565	172.687	167.431	151.664	107.741
178.0	176.065	172.937	167.306	151.539	107.992
178.5	176.316	173.062	167.431	151.289	108.242
179.0	176.566	173.062	167.306	150.913	108.367
179.5	176.816	173.062	167.181	150.788	108.492
180.0	158.546	158.546	158.546	158.546	158.546

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-830-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1432.64	N.A.	11.70
0-30	3001.87	N.A.	24.50
0-40	4822.09	N.A.	39.40
0-60	8160.75	N.A.	66.70
0-80	10166.84	N.A.	83.10
0-90	10671.37	N.A.	87.30
10-90	10297.88	N.A.	84.20
20-40	3389.44	N.A.	27.70
20-50	5181.91	N.A.	42.40
40-70	4527.95	N.A.	37.00
60-80	2006.09	N.A.	16.40
70-80	816.81	N.A.	6.70
80-90	504.53	N.A.	4.10
90-110	589.29	N.A.	4.80
90-120	837.38	N.A.	6.80
90-130	1065.7	N.A.	8.70
90-150	1399.07	N.A.	11.40
90-180	1558.44	N.A.	12.70
110-180	969.15	N.A.	7.90
0-180	12229.81	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	373.50
10-20	1059.15
20-30	1569.23
30-40	1820.22
40-50	1792.47
50-60	1546.2
60-70	1189.28
70-80	816.81
80-90	504.53
90-100	323.25
100-110	266.04
110-120	248.09
120-130	228.32
130-140	191.87
140-150	141.50
150-160	92.52
160-170	50.97
170-180	15.88

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-830-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-L130-830-DIM-UNV_.IES

UGR TABLE - CORRECTED

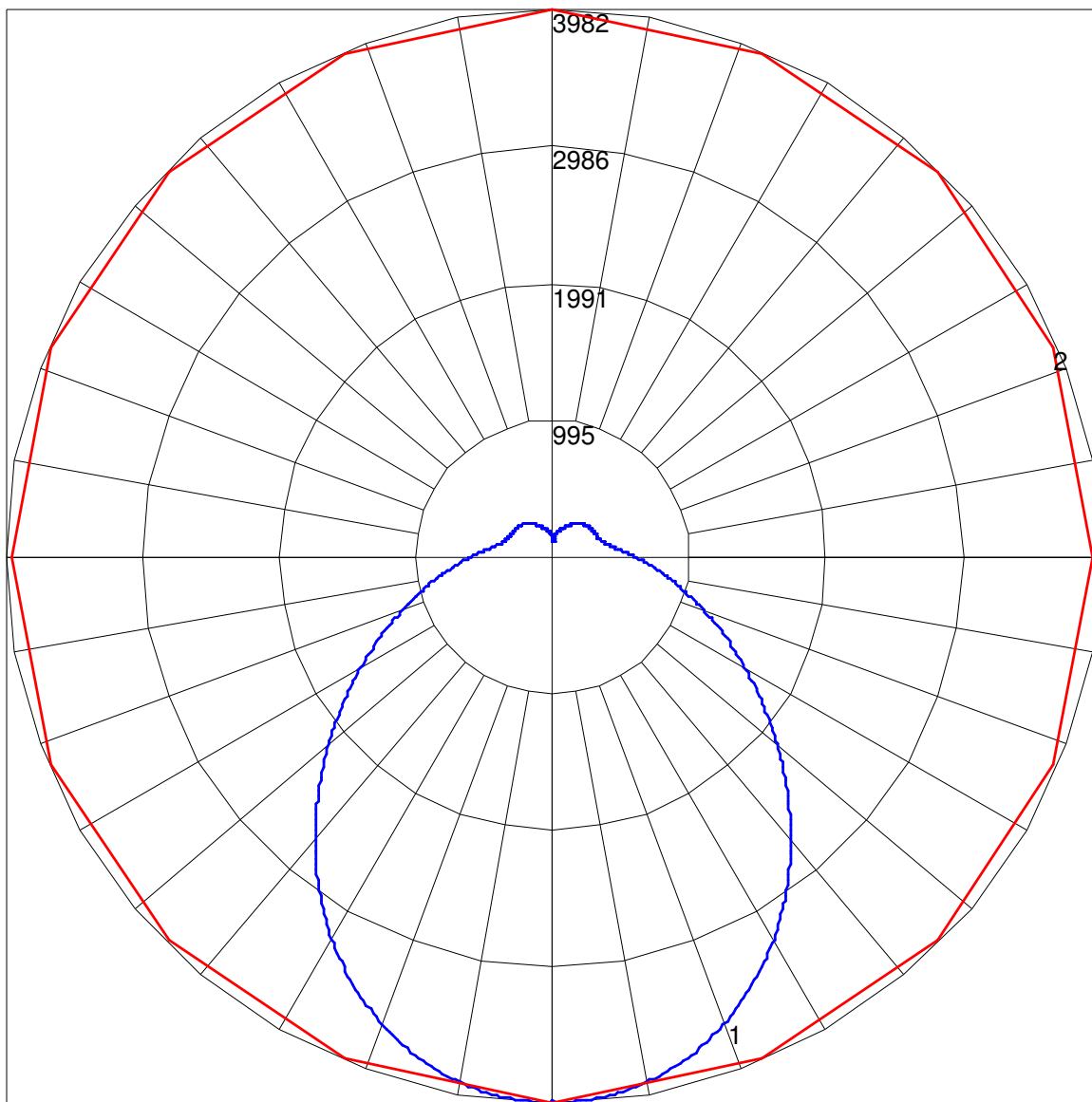
Reflectances

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	24.9	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	22.1	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 = 3981.805 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.)