

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-835-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-L130-835-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	12390
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	175
Total Luminaire Watts	70.8
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	13705	12222	12022
55	11922	10487	10554
65	10098	9011	9406
75	8231	7913	8791
85	6464	7873	9288

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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	4009.985	4009.985	4009.985	4009.985	4009.985
0.5	3990.968	4006.182	4008.717	4007.449	4034.073
1.0	3990.968	4007.449	4007.449	4006.182	4032.805
1.5	3987.165	4007.449	4006.182	4004.914	4034.073
2.0	3985.897	4003.646	4006.182	4003.646	4030.269
2.5	3985.897	4003.646	4002.378	4002.378	4027.734
3.0	3982.094	3999.843	3999.843	3999.843	4025.198
3.5	3979.558	3996.039	3996.039	3997.307	4022.663
4.0	3977.023	3993.504	3993.504	3992.236	4020.127
4.5	3970.684	3989.700	3990.968	3989.700	4016.324
5.0	3966.880	3985.897	3985.897	3985.897	4012.521
5.5	3961.809	3980.826	3980.826	3982.094	4007.449
6.0	3959.274	3974.487	3975.755	3975.755	4002.378
6.5	3950.399	3969.416	3970.684	3970.684	3996.039
7.0	3945.328	3963.077	3964.345	3963.077	3990.968
7.5	3940.257	3955.470	3958.006	3958.006	3984.629
8.0	3933.918	3950.399	3950.399	3950.399	3975.755
8.5	3927.579	3941.525	3944.060	3944.060	3968.148
9.0	3917.437	3935.186	3936.454	3935.186	3959.274
9.5	3911.098	3926.312	3926.312	3926.312	3954.203
10.0	3900.956	3916.169	3916.169	3918.705	3944.060
10.5	3892.082	3907.295	3908.563	3908.563	3935.186
11.0	3883.207	3898.420	3899.688	3898.420	3925.044
11.5	3871.797	3888.278	3890.814	3888.278	3916.169
12.0	3861.655	3876.868	3879.404	3879.404	3904.759
12.5	3851.513	3865.458	3869.261	3866.726	3894.617
13.0	3840.103	3855.316	3857.851	3856.584	3883.207
13.5	3828.693	3842.638	3845.174	3845.174	3873.065
14.0	3814.747	3829.960	3832.496	3832.496	3859.119
14.5	3803.337	3817.283	3819.818	3819.818	3848.977
15.0	3791.927	3804.605	3805.873	3805.873	3833.764
15.5	3777.981	3789.391	3793.195	3793.195	3818.550
16.0	3762.768	3775.446	3779.249	3779.249	3805.873
16.5	3750.090	3760.232	3764.036	3765.304	3791.927
17.0	3732.341	3743.751	3748.822	3750.090	3776.714
17.5	3717.128	3728.538	3733.609	3734.877	3761.500
18.0	3703.182	3713.325	3717.128	3720.931	3747.555
18.5	3686.701	3698.111	3701.915	3704.450	3731.074
19.0	3670.220	3679.095	3685.434	3687.969	3713.325
19.5	3651.203	3663.881	3668.952	3674.024	3696.844
20.0	3630.919	3644.865	3651.203	3655.007	3679.095
20.5	3610.635	3628.383	3633.455	3638.526	3662.614
21.0	3594.153	3608.099	3611.902	3622.045	3644.865
21.5	3575.137	3589.082	3595.421	3600.492	3625.848
22.0	3554.852	3571.333	3577.672	3582.743	3609.367
22.5	3537.103	3548.513	3557.388	3564.995	3590.350
23.0	3515.551	3528.229	3537.103	3544.710	3570.066
23.5	3492.731	3506.677	3518.087	3525.693	3551.049
24.0	3469.911	3485.124	3496.534	3505.409	3530.764
24.5	3450.894	3463.572	3476.250	3483.857	3507.944
25.0	3429.342	3442.020	3455.966	3463.572	3487.660
25.5	3405.254	3420.468	3431.878	3443.288	3463.572
26.0	3382.434	3396.380	3411.593	3421.736	3444.556
26.5	3358.347	3372.292	3390.041	3398.915	3423.003

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CANDELA TABULATION - (Cont.)

27.0	3334.259	3346.937	3368.489	3379.899	3401.451
27.5	3306.368	3322.849	3344.401	3354.543	3379.899
28.0	3286.083	3298.761	3320.313	3331.723	3355.811
28.5	3259.460	3274.673	3296.225	3307.635	3331.723
29.0	3234.104	3249.318	3270.870	3284.815	3308.903
29.5	3207.481	3222.694	3245.514	3259.460	3283.548
30.0	3180.857	3197.339	3220.159	3237.908	3261.995
30.5	3152.966	3169.447	3196.071	3213.820	3236.640
31.0	3126.343	3142.824	3169.447	3188.464	3210.016
31.5	3098.452	3117.469	3144.092	3164.376	3187.196
32.0	3071.828	3088.310	3118.736	3137.753	3160.573
32.5	3042.670	3060.418	3092.113	3112.397	3135.217
33.0	3014.778	3033.795	3062.954	3087.042	3109.862
33.5	2988.155	3005.904	3037.598	3059.151	3083.239
34.0	2956.461	2976.745	3009.707	3033.795	3059.151
34.5	2927.302	2948.854	2983.084	3005.904	3031.260
35.0	2900.678	2918.427	2956.461	2980.548	3004.636
35.5	2866.448	2890.536	2927.302	2952.657	2976.745
36.0	2839.825	2860.109	2899.411	2924.766	2950.122
36.5	2806.863	2829.683	2870.252	2898.143	2924.766
37.0	2776.436	2800.524	2841.093	2868.984	2898.143
37.5	2744.742	2768.829	2813.202	2843.628	2868.984
38.0	2713.047	2738.403	2782.775	2814.469	2838.557
38.5	2680.085	2706.708	2753.616	2787.846	2810.666
39.0	2650.926	2675.014	2723.189	2758.687	2787.846
39.5	2617.964	2645.855	2694.030	2729.528	2757.419
40.0	2582.466	2612.893	2663.604	2702.905	2728.260
40.5	2549.504	2581.198	2634.445	2675.014	2700.369
41.0	2519.077	2549.504	2604.018	2645.855	2671.210
41.5	2486.115	2517.809	2573.591	2616.696	2643.319
42.0	2453.152	2486.115	2543.165	2588.805	2615.428
42.5	2421.458	2453.152	2511.470	2559.646	2586.269
43.0	2385.960	2421.458	2482.311	2531.755	2558.378
43.5	2355.533	2388.496	2450.617	2502.596	2530.487
44.0	2321.303	2355.533	2418.922	2474.705	2501.328
44.5	2289.609	2323.839	2387.228	2444.278	2472.169
45.0	2256.647	2290.877	2356.801	2417.655	2445.546
45.5	2223.684	2259.182	2326.374	2389.763	2417.655
46.0	2190.722	2226.220	2293.412	2359.337	2388.496
46.5	2157.760	2193.258	2265.521	2333.981	2360.604
47.0	2123.530	2161.563	2233.827	2303.554	2332.713
47.5	2090.568	2128.601	2202.132	2274.396	2303.554
48.0	2058.873	2095.639	2170.438	2247.772	2274.396
48.5	2023.375	2063.944	2141.279	2217.345	2246.504
49.0	1991.681	2029.714	2108.316	2188.187	2217.345
49.5	1958.719	1998.020	2077.890	2160.295	2189.454
50.0	1924.489	1965.057	2047.463	2129.869	2160.295
50.5	1892.794	1933.363	2015.769	2104.513	2133.672
51.0	1859.832	1900.401	1987.877	2075.354	2105.781
51.5	1828.137	1867.438	1956.183	2047.463	2077.890
52.0	1793.907	1835.744	1925.756	2018.304	2049.999
52.5	1760.945	1802.782	1896.597	1989.145	2023.375
53.0	1726.715	1771.087	1866.171	1963.790	1994.216
53.5	1693.753	1739.393	1837.012	1934.631	1967.593
54.0	1662.058	1707.698	1807.853	1906.740	1940.970
54.5	1631.632	1674.736	1778.694	1881.384	1914.346

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55.0	1599.937	1644.309	1749.535	1852.225	1890.258
55.5	1573.314	1612.615	1720.376	1825.602	1861.100
56.0	1542.887	1584.724	1692.485	1798.978	1834.476
56.5	1511.193	1555.565	1663.326	1772.355	1809.121
57.0	1480.766	1526.406	1635.435	1745.732	1782.497
57.5	1449.071	1495.979	1611.347	1720.376	1753.338
58.0	1417.377	1465.553	1583.456	1692.485	1731.786
58.5	1386.950	1435.126	1555.565	1668.397	1706.431
59.0	1356.524	1404.699	1528.941	1646.845	1679.807
59.5	1326.097	1375.540	1504.854	1620.222	1659.523
60.0	1295.670	1345.114	1478.230	1594.866	1634.167
60.5	1265.877	1315.955	1451.607	1570.778	1608.812
61.0	1235.958	1286.796	1424.984	1546.690	1584.724
61.5	1206.292	1257.890	1398.360	1522.603	1561.904
62.0	1177.133	1229.239	1373.005	1499.783	1537.816
62.5	1148.354	1200.840	1346.381	1476.963	1514.996
63.0	1119.195	1172.569	1321.026	1452.875	1494.711
63.5	1090.290	1144.678	1296.938	1430.055	1471.891
64.0	1062.145	1117.167	1271.582	1405.967	1449.071
64.5	1034.127	1090.290	1247.495	1383.147	1426.251
65.0	1006.363	1063.286	1223.280	1360.327	1404.699
65.5	978.979	1036.916	1199.319	1337.507	1381.879
66.0	951.215	1010.547	1175.611	1314.687	1360.327
66.5	924.084	984.811	1152.031	1293.135	1338.775
67.0	897.588	959.328	1128.577	1270.315	1317.222
67.5	870.964	934.226	1105.630	1249.016	1295.670
68.0	844.721	909.758	1082.810	1227.464	1275.386
68.5	818.858	885.417	1060.497	1206.545	1254.214
69.0	793.123	861.329	1038.438	1185.500	1234.183
69.5	767.767	837.748	1016.632	1165.089	1214.279
70.0	742.538	814.548	995.207	1145.058	1194.501
70.5	717.943	791.601	973.781	1125.027	1174.978
71.0	693.602	768.908	952.736	1105.250	1155.707
71.5	669.514	746.722	932.198	1085.979	1136.691
72.0	645.933	724.409	911.660	1066.836	1118.181
72.5	622.226	702.857	891.629	1048.073	1099.798
73.0	599.152	681.431	871.725	1029.563	1081.289
73.5	576.713	660.259	852.455	1011.181	1063.286
74.0	554.527	639.721	832.931	993.432	1045.157
74.5	532.721	619.056	814.294	975.809	1028.042
75.0	511.042	598.899	795.785	958.568	1011.434
75.5	489.743	579.248	777.529	941.453	994.573
76.0	469.078	559.978	759.780	924.464	978.091
76.5	448.540	540.961	742.158	907.857	961.610
77.0	428.256	522.071	724.789	891.375	945.636
77.5	408.352	503.689	707.674	875.401	929.789
78.0	388.701	485.686	691.066	859.681	914.195
78.5	369.431	467.937	674.585	843.834	898.729
79.0	350.541	450.695	658.611	828.494	883.515
79.5	331.778	433.580	642.891	813.534	868.302
80.0	313.268	416.719	627.170	798.701	853.849
80.5	295.266	400.365	611.957	783.741	839.143
81.0	277.770	384.264	597.377	769.288	824.817
81.5	260.021	368.543	582.798	754.962	810.491
82.0	242.906	353.203	568.599	741.144	796.672
82.5	226.172	338.117	554.653	727.325	783.107

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83.0	209.691	323.410	540.961	714.013	769.922
83.5	193.336	309.085	527.903	700.448	756.230
84.0	177.362	295.139	515.225	687.643	743.172
84.5	161.515	281.700	502.801	674.966	730.367
85.0	146.302	268.642	490.630	662.415	717.563
85.5	131.088	256.218	478.713	650.244	705.139
86.0	116.129	244.301	467.050	638.327	692.841
86.5	101.296	233.145	456.020	626.410	680.544
87.0	86.716	222.368	444.864	615.126	668.500
87.5	72.137	212.353	434.341	603.716	656.963
88.0	57.684	202.591	423.945	592.687	645.300
88.5	43.104	193.463	413.930	581.784	634.016
89.0	29.793	184.842	404.421	571.261	622.860
89.5	18.890	176.855	395.167	561.119	611.957
90.0	11.283	169.756	386.673	551.484	601.941
90.5	7.987	163.543	378.812	541.849	591.292
91.0	8.494	157.838	370.825	532.087	581.150
91.5	10.142	152.387	362.838	522.832	571.008
92.0	12.044	147.823	355.232	513.450	561.119
92.5	14.072	143.893	348.766	504.449	551.357
93.0	16.101	140.470	342.047	495.955	541.976
93.5	18.256	137.808	335.708	487.588	533.101
94.0	20.538	135.526	329.749	479.728	524.480
94.5	22.693	133.877	324.171	471.741	515.606
95.0	24.848	132.610	318.973	463.880	507.112
95.5	26.877	131.722	314.156	456.400	498.744
96.0	28.525	131.342	309.972	449.174	490.504
96.5	30.173	131.342	305.788	442.455	482.897
97.0	31.694	131.469	301.985	435.989	475.290
97.5	33.343	131.976	298.435	429.777	468.318
98.0	34.737	132.483	295.266	423.692	461.218
98.5	36.385	133.117	292.603	417.860	454.626
99.0	38.033	133.877	289.814	412.409	448.160
99.5	39.808	134.765	287.405	407.211	441.821
100.0	41.330	135.652	285.504	402.393	436.116
100.5	43.104	136.667	283.602	397.702	430.284
101.0	44.626	137.681	282.208	393.265	425.086
101.5	46.147	138.695	280.813	389.081	419.762
102.0	47.542	139.709	279.799	385.151	415.071
102.5	48.936	140.723	278.785	381.475	410.380
103.0	50.331	141.864	278.024	377.798	406.196
103.5	51.852	143.005	277.390	374.629	401.886
104.0	53.500	144.020	276.756	371.713	397.956
104.5	55.148	145.161	276.376	368.924	394.279
105.0	56.670	146.302	275.995	366.388	390.729
105.5	58.064	147.316	275.615	363.726	387.687
106.0	59.712	148.584	275.488	361.444	384.644
106.5	61.234	149.725	275.488	359.289	381.601
107.0	62.755	150.992	275.488	357.260	379.066
107.5	64.150	152.007	275.488	355.739	376.404
108.0	65.925	153.274	275.488	353.964	373.741
108.5	67.573	154.542	275.615	352.696	371.966
109.0	69.221	155.556	275.869	351.048	370.191
109.5	70.996	156.697	275.995	349.907	368.290
110.0	72.771	157.838	276.249	348.639	366.768
110.5	74.545	158.979	276.503	347.498	365.374

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CANDELA TABULATION - (Cont.)

111.0	76.320	160.120	276.629	346.484	363.853
111.5	78.095	161.135	276.756	345.723	362.585
112.0	79.997	162.276	277.010	344.963	361.063
112.5	81.899	163.417	277.263	344.075	359.669
113.0	83.927	164.558	277.644	343.441	359.035
113.5	85.829	165.572	277.644	342.807	358.148
114.0	87.857	166.586	277.897	342.300	357.260
114.5	89.759	167.727	278.151	341.666	356.499
115.0	91.787	168.615	278.404	341.286	355.866
115.5	93.816	169.756	278.404	340.906	355.232
116.0	95.717	170.770	278.785	340.399	354.471
116.5	97.492	171.784	279.038	339.892	354.217
117.0	99.521	172.925	279.292	339.892	353.584
117.5	101.422	173.812	279.545	339.384	353.203
118.0	103.070	174.700	279.799	339.131	352.696
118.5	104.972	175.587	279.926	338.751	352.569
119.0	106.620	176.475	280.179	338.370	351.809
119.5	108.395	177.109	280.433	337.990	351.682
120.0	110.043	177.743	280.306	337.736	351.048
120.5	111.691	178.503	280.433	337.229	350.921
121.0	113.339	179.010	280.686	336.849	350.414
121.5	115.114	179.644	280.559	336.342	350.161
122.0	116.762	180.405	280.559	336.088	349.780
122.5	118.411	181.166	280.686	335.581	348.893
123.0	120.059	181.926	280.559	335.074	348.766
123.5	121.580	182.560	280.306	334.694	348.005
124.0	122.848	183.067	280.306	334.313	347.879
124.5	124.116	183.574	280.306	333.679	347.371
125.0	125.383	184.208	280.052	333.046	346.864
125.5	126.651	184.589	279.799	332.665	346.230
126.0	127.792	185.096	279.672	331.905	345.723
126.5	128.806	185.730	279.418	331.397	345.343
127.0	129.947	185.983	279.165	330.764	344.836
127.5	130.835	186.364	278.785	330.130	343.948
128.0	131.976	186.364	278.658	329.369	343.441
128.5	132.863	186.617	278.151	328.735	342.934
129.0	133.751	186.871	277.644	328.101	342.300
129.5	134.511	187.251	276.756	327.087	341.540
130.0	135.145	187.505	275.869	326.453	340.779
130.5	135.779	187.758	274.854	325.692	339.892
131.0	136.159	188.138	273.840	324.551	339.004
131.5	136.667	188.519	272.826	323.537	338.117
132.0	137.174	188.899	271.685	322.903	337.356
132.5	137.427	189.026	270.417	321.636	336.215
133.0	137.808	189.153	269.910	320.495	334.820
133.5	137.934	189.026	269.149	319.607	334.187
134.0	138.061	188.772	268.642	318.593	333.299
134.5	138.441	188.265	268.008	317.452	331.651
135.0	138.822	187.885	267.248	315.931	330.383
135.5	138.695	186.871	266.614	314.916	329.369
136.0	138.949	186.744	265.726	313.649	328.101
136.5	139.202	186.364	265.093	312.254	326.833
137.0	139.329	185.730	264.078	311.113	325.439
137.5	139.456	185.096	263.191	309.592	324.171
138.0	139.709	184.715	261.923	308.324	322.650
138.5	139.709	184.208	260.275	306.929	321.509

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	139.582	183.828	258.373	305.281	319.734
139.5	139.582	183.321	256.091	303.506	318.466
140.0	139.582	182.687	253.556	301.858	316.691
140.5	139.582	182.307	251.274	299.830	314.790
141.0	139.582	182.053	248.738	297.675	313.268
141.5	139.582	181.546	246.203	295.773	311.747
142.0	139.456	181.292	243.794	293.364	310.099
142.5	139.329	180.912	241.258	291.209	308.197
143.0	139.202	180.532	238.850	289.180	306.295
143.5	139.202	180.025	236.060	287.025	304.521
144.0	139.202	179.391	233.652	285.377	302.492
144.5	139.582	178.884	231.243	283.475	300.717
145.0	140.090	178.377	228.581	281.827	298.689
145.5	140.977	177.743	226.172	280.179	296.660
146.0	142.118	177.236	223.890	278.404	294.759
146.5	143.259	176.728	221.988	276.503	292.603
147.0	144.400	176.095	219.833	274.601	290.448
147.5	145.414	175.841	218.185	272.699	288.293
148.0	146.555	175.334	216.410	270.544	286.011
148.5	147.569	175.207	215.015	268.516	283.729
149.0	148.837	175.207	213.494	266.487	281.700
149.5	149.725	175.587	212.099	264.332	279.165
150.0	150.739	175.841	210.705	262.303	276.503
150.5	151.626	175.968	209.184	260.021	273.713
151.0	152.260	176.348	207.155	257.739	270.417
151.5	152.894	176.475	205.000	255.331	267.375
152.0	153.655	176.728	202.971	252.795	264.332
152.5	154.415	176.982	201.070	250.133	261.036
153.0	154.923	177.109	199.041	247.090	258.373
153.5	155.556	177.489	196.886	243.921	255.331
154.0	156.064	177.362	194.984	240.371	252.795
154.5	156.697	177.489	193.336	236.948	250.260
155.0	156.951	177.743	191.688	233.018	248.358
155.5	157.458	177.869	190.040	229.341	246.329
156.0	157.838	177.869	188.899	225.411	244.555
156.5	158.472	177.869	187.758	221.481	242.273
157.0	158.726	178.123	186.617	217.931	240.117
157.5	159.106	178.123	185.856	214.508	237.709
158.0	159.613	177.996	185.476	210.958	235.427
158.5	159.740	177.996	184.969	208.043	232.764
159.0	160.374	177.616	184.589	205.253	230.482
159.5	160.881	177.362	183.955	202.591	227.947
160.0	161.515	177.109	183.321	200.436	225.411
160.5	162.276	176.982	182.814	198.407	223.002
161.0	162.783	176.602	182.687	196.252	220.594
161.5	163.543	176.475	182.433	194.097	218.819
162.0	164.177	176.221	182.814	192.322	217.297
162.5	164.811	176.221	183.067	190.420	215.522
163.0	165.572	176.095	183.194	188.392	214.001
163.5	166.206	176.095	183.448	186.237	212.099
164.0	166.459	176.095	183.701	183.574	210.325
164.5	166.840	175.841	183.448	181.546	208.043
165.0	167.220	175.841	183.067	179.518	205.761
165.5	167.600	175.714	182.687	178.123	203.352
166.0	167.981	175.587	182.433	176.602	199.675
166.5	168.361	175.587	182.053	175.334	197.900

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	168.868	175.587	181.673	174.193	196.506
167.5	169.122	175.587	180.912	173.179	195.111
168.0	169.502	175.587	180.278	172.164	193.970
168.5	170.263	175.080	179.391	171.277	192.576
169.0	170.643	175.207	178.757	170.389	191.181
169.5	171.277	174.827	177.743	169.375	189.660
170.0	171.530	174.700	176.855	168.107	188.265
170.5	171.911	174.446	175.714	166.713	186.744
171.0	172.164	174.193	174.446	165.192	184.842
171.5	172.545	174.193	173.305	163.797	183.321
172.0	173.179	173.939	172.671	162.402	181.039
172.5	173.559	173.939	171.911	160.881	178.503
173.0	174.066	173.686	171.277	159.487	174.193
173.5	174.700	173.812	171.023	158.092	167.727
174.0	175.207	173.812	170.897	156.951	159.740
174.5	175.587	173.812	170.643	155.810	150.232
175.0	176.348	174.193	170.516	154.923	139.456
175.5	176.602	174.320	170.389	154.542	128.172
176.0	177.109	174.573	170.389	154.162	120.819
176.5	177.236	174.700	170.263	154.162	115.621
177.0	177.743	174.954	170.009	153.782	110.297
177.5	177.869	174.954	169.629	153.655	109.156
178.0	178.377	175.207	169.502	153.528	109.409
178.5	178.630	175.334	169.629	153.274	109.663
179.0	178.884	175.334	169.502	152.894	109.790
179.5	179.137	175.334	169.375	152.767	109.916
180.0	160.628	160.628	160.628	160.628	160.628

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1451.45	N.A.	11.70
0-30	3041.27	N.A.	24.50
0-40	4885.38	N.A.	39.40
0-60	8267.88	N.A.	66.70
0-80	10300.3	N.A.	83.10
0-90	10811.45	N.A.	87.30
10-90	10433.05	N.A.	84.20
20-40	3433.94	N.A.	27.70
20-50	5249.93	N.A.	42.40
40-70	4587.39	N.A.	37.00
60-80	2032.42	N.A.	16.40
70-80	827.53	N.A.	6.70
80-90	511.15	N.A.	4.10
90-110	597.03	N.A.	4.80
90-120	848.37	N.A.	6.80
90-130	1079.69	N.A.	8.70
90-150	1417.43	N.A.	11.40
90-180	1578.89	N.A.	12.70
110-180	981.87	N.A.	7.90
0-180	12390.34	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	378.40
10-20	1073.05
20-30	1589.83
30-40	1844.11
40-50	1816.00
50-60	1566.5
60-70	1204.89
70-80	827.53
80-90	511.15
90-100	327.50
100-110	269.53
110-120	251.34
120-130	231.32
130-140	194.39
140-150	143.36
150-160	93.73
160-170	51.64
170-180	16.09

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

UGR TABLE - CORRECTED

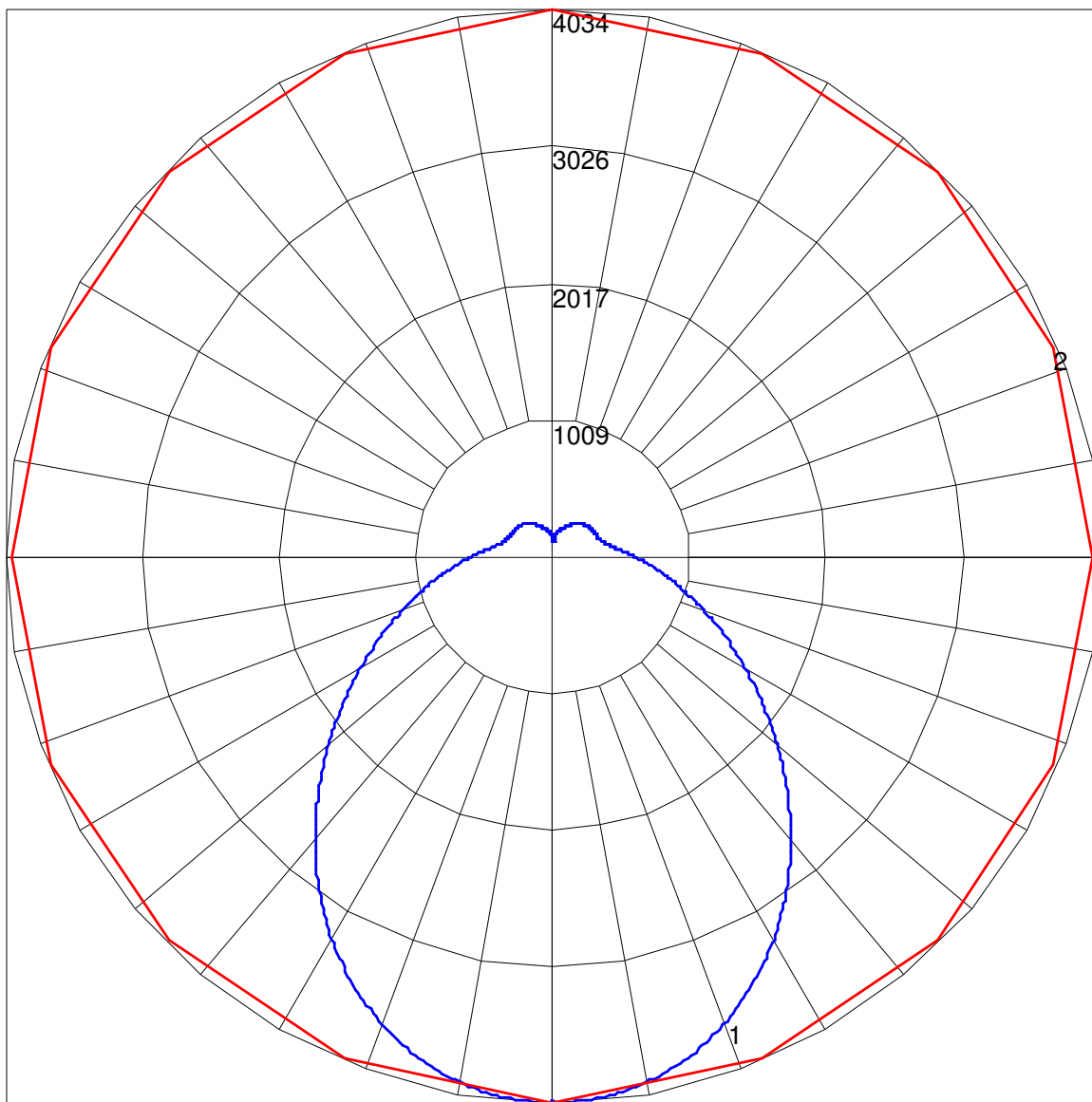
Reflectances

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	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 = 4034.073 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.)