

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-950-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-L130-950-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	10994
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	12161	10845	10667
55	10579	9306	9365
65	8961	7996	8346
75	7304	7022	7801
85	5736	6986	8242

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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	3558.226	3558.226	3558.226	3558.226	3558.226
0.5	3541.352	3554.852	3557.101	3555.977	3579.601
1.0	3541.352	3555.977	3555.977	3554.852	3578.476
1.5	3537.977	3555.977	3554.852	3553.727	3579.601
2.0	3536.852	3552.602	3554.852	3552.602	3576.226
2.5	3536.852	3552.602	3551.477	3551.477	3573.976
3.0	3533.477	3549.227	3549.227	3549.227	3571.726
3.5	3531.228	3545.852	3545.852	3546.977	3569.476
4.0	3528.978	3543.602	3543.602	3542.477	3567.226
4.5	3523.353	3540.227	3541.352	3540.227	3563.851
5.0	3519.978	3536.852	3536.852	3536.852	3560.476
5.5	3515.478	3532.353	3532.353	3533.477	3555.977
6.0	3513.228	3526.728	3527.853	3527.853	3551.477
6.5	3505.354	3522.228	3523.353	3523.353	3545.852
7.0	3500.854	3516.603	3517.728	3516.603	3541.352
7.5	3496.354	3509.853	3512.103	3512.103	3535.727
8.0	3490.729	3505.354	3505.354	3505.354	3527.853
8.5	3485.104	3497.479	3499.729	3499.729	3521.103
9.0	3476.105	3491.854	3492.979	3491.854	3513.228
9.5	3470.480	3483.980	3483.980	3483.980	3508.729
10.0	3461.480	3474.980	3474.980	3477.230	3499.729
10.5	3453.606	3467.105	3468.230	3468.230	3491.854
11.0	3445.731	3459.231	3460.356	3459.231	3482.855
11.5	3435.607	3450.231	3452.481	3450.231	3474.980
12.0	3426.607	3440.106	3442.356	3442.356	3464.855
12.5	3417.607	3429.982	3433.357	3431.107	3455.856
13.0	3407.483	3420.982	3423.232	3422.107	3445.731
13.5	3397.358	3409.733	3411.983	3411.983	3436.732
14.0	3384.984	3398.483	3400.733	3400.733	3424.357
14.5	3374.859	3387.234	3389.483	3389.483	3415.357
15.0	3364.735	3375.984	3377.109	3377.109	3401.858
15.5	3352.360	3362.485	3365.859	3365.859	3388.359
16.0	3338.861	3350.110	3353.485	3353.485	3377.109
16.5	3327.611	3336.611	3339.986	3341.111	3364.735
17.0	3311.862	3321.986	3326.486	3327.611	3351.235
17.5	3298.362	3308.487	3312.987	3314.112	3337.736
18.0	3285.988	3294.987	3298.362	3301.737	3325.361
18.5	3271.363	3281.488	3284.863	3287.113	3310.737
19.0	3256.739	3264.614	3270.238	3272.488	3294.987
19.5	3239.865	3251.114	3255.614	3260.114	3280.363
20.0	3221.865	3234.240	3239.865	3243.240	3264.614
20.5	3203.866	3219.616	3224.115	3228.615	3249.989
21.0	3189.242	3201.616	3204.991	3213.991	3234.240
21.5	3172.368	3184.742	3190.367	3194.867	3217.366
22.0	3154.368	3168.993	3174.617	3179.117	3202.741
22.5	3138.619	3148.744	3156.618	3163.368	3185.867
23.0	3119.495	3130.744	3138.619	3145.369	3167.868
23.5	3099.246	3111.620	3121.745	3128.494	3150.993
24.0	3078.996	3092.496	3102.620	3110.495	3132.994
24.5	3062.122	3073.372	3084.621	3091.371	3112.745
25.0	3042.998	3054.247	3066.622	3073.372	3094.746
25.5	3021.624	3035.123	3045.248	3055.372	3073.372
26.0	3001.375	3013.749	3027.249	3036.248	3056.497
26.5	2980.001	2992.375	3008.124	3015.999	3037.373

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27.0	2958.626	2969.876	2989.000	2999.125	3018.249
27.5	2933.878	2948.502	2967.626	2976.626	2999.125
28.0	2915.878	2927.128	2946.252	2956.377	2977.751
28.5	2892.254	2905.754	2924.878	2935.002	2956.377
29.0	2869.755	2883.255	2902.379	2914.753	2936.127
29.5	2846.131	2859.631	2879.880	2892.254	2913.628
30.0	2822.507	2837.132	2857.381	2873.130	2894.504
30.5	2797.758	2812.383	2836.007	2851.756	2872.005
31.0	2774.134	2788.759	2812.383	2829.257	2848.381
31.5	2749.385	2766.260	2789.884	2807.883	2828.132
32.0	2725.761	2740.386	2767.384	2784.259	2804.508
32.5	2699.887	2715.637	2743.760	2761.760	2782.009
33.0	2675.138	2692.013	2717.887	2739.261	2759.510
33.5	2651.514	2667.264	2695.387	2714.512	2735.886
34.0	2623.390	2641.390	2670.638	2692.013	2714.512
34.5	2597.517	2616.641	2647.014	2667.264	2689.763
35.0	2573.893	2589.642	2623.390	2644.765	2666.139
35.5	2543.519	2564.893	2597.517	2620.016	2641.390
36.0	2519.895	2537.894	2572.768	2595.267	2617.766
36.5	2490.646	2510.895	2546.894	2571.643	2595.267
37.0	2463.647	2485.021	2521.020	2545.769	2571.643
37.5	2435.523	2456.897	2496.271	2523.270	2545.769
38.0	2407.399	2429.899	2469.272	2497.396	2518.770
38.5	2378.151	2401.775	2443.398	2473.772	2494.021
39.0	2352.277	2373.651	2416.399	2447.898	2473.772
39.5	2323.028	2347.777	2390.525	2422.024	2446.773
40.0	2291.529	2318.528	2363.526	2398.400	2420.899
40.5	2262.281	2290.404	2337.652	2373.651	2396.150
41.0	2235.282	2262.281	2310.654	2347.777	2370.276
41.5	2206.033	2234.157	2283.655	2321.903	2345.527
42.0	2176.784	2206.033	2256.656	2297.154	2320.778
42.5	2148.660	2176.784	2228.532	2271.280	2294.904
43.0	2117.162	2148.660	2202.658	2246.531	2270.155
43.5	2090.163	2119.412	2174.534	2220.657	2245.406
44.0	2059.789	2090.163	2146.410	2195.908	2219.532
44.5	2031.665	2062.039	2118.287	2168.909	2193.658
45.0	2002.416	2032.790	2091.288	2145.285	2170.034
45.5	1973.168	2004.666	2064.289	2120.536	2145.285
46.0	1943.919	1975.418	2035.040	2093.538	2119.412
46.5	1914.670	1946.169	2010.291	2071.039	2094.663
47.0	1884.296	1918.045	1982.167	2044.040	2069.914
47.5	1855.048	1888.796	1954.043	2018.166	2044.040
48.0	1826.924	1859.547	1925.920	1994.542	2018.166
48.5	1795.425	1831.424	1900.046	1967.543	1993.417
49.0	1767.301	1801.050	1870.797	1941.669	1967.543
49.5	1738.052	1772.926	1843.798	1916.920	1942.794
50.0	1707.679	1743.677	1816.799	1889.921	1916.920
50.5	1679.555	1715.553	1788.675	1867.422	1893.296
51.0	1650.306	1686.305	1763.926	1841.548	1868.547
51.5	1622.182	1657.056	1735.803	1816.799	1843.798
52.0	1591.809	1628.932	1708.804	1790.925	1819.049
52.5	1562.560	1599.683	1682.930	1765.051	1795.425
53.0	1532.186	1571.559	1655.931	1742.552	1769.551
53.5	1502.937	1543.436	1630.057	1716.678	1745.927
54.0	1474.813	1515.312	1604.183	1691.929	1722.303
54.5	1447.815	1486.063	1578.309	1669.430	1698.679

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55.0	1419.691	1459.064	1552.435	1643.556	1677.305
55.5	1396.067	1430.940	1526.561	1619.932	1651.431
56.0	1369.068	1406.191	1501.812	1596.308	1627.807
56.5	1340.944	1380.317	1475.938	1572.684	1605.308
57.0	1313.945	1354.443	1451.189	1549.060	1581.684
57.5	1285.821	1327.445	1429.815	1526.561	1555.810
58.0	1257.697	1300.446	1405.066	1501.812	1536.686
58.5	1230.699	1273.447	1380.317	1480.438	1514.187
59.0	1203.700	1246.448	1356.693	1461.314	1490.563
59.5	1176.701	1220.574	1335.319	1437.690	1472.564
60.0	1149.702	1193.575	1311.695	1415.191	1450.064
60.5	1123.266	1167.701	1288.071	1393.817	1427.565
61.0	1096.717	1141.827	1264.447	1372.443	1406.191
61.5	1070.393	1116.178	1240.823	1351.069	1385.942
62.0	1044.519	1090.754	1218.324	1330.819	1364.568
62.5	1018.982	1065.556	1194.700	1310.570	1344.319
63.0	993.109	1040.469	1172.201	1289.196	1326.320
63.5	967.460	1015.720	1150.827	1268.947	1306.070
64.0	942.486	991.309	1128.328	1247.573	1285.821
64.5	917.624	967.460	1106.954	1227.324	1265.572
65.0	892.988	943.498	1085.467	1207.075	1246.448
65.5	868.689	920.099	1064.206	1186.825	1226.199
66.0	844.052	896.700	1043.169	1166.576	1207.075
66.5	819.978	873.864	1022.245	1147.452	1187.950
67.0	796.467	851.252	1001.433	1127.203	1168.826
67.5	772.843	828.978	981.072	1108.304	1149.702
68.0	749.556	807.266	960.822	1089.180	1131.703
68.5	726.607	785.667	941.023	1070.618	1112.916
69.0	703.771	764.293	921.449	1051.944	1095.142
69.5	681.272	743.369	902.100	1033.832	1077.480
70.0	658.885	722.782	883.088	1016.058	1059.931
70.5	637.061	702.421	864.076	998.283	1042.606
71.0	615.462	682.284	845.402	980.734	1025.507
71.5	594.088	662.597	827.178	963.635	1008.633
72.0	573.164	642.798	808.954	946.648	992.209
72.5	552.127	623.674	791.179	929.999	975.897
73.0	531.653	604.662	773.518	913.574	959.472
73.5	511.741	585.876	756.418	897.263	943.498
74.0	492.054	567.651	739.094	881.513	927.411
74.5	472.705	549.315	722.557	865.876	912.224
75.0	453.469	531.428	706.133	850.577	897.488
75.5	434.569	513.991	689.934	835.390	882.526
76.0	416.233	496.892	674.184	820.316	867.901
76.5	398.008	480.017	658.548	805.579	853.277
77.0	380.009	463.256	643.136	790.954	839.102
77.5	362.347	446.944	627.949	776.780	825.041
78.0	344.911	430.970	613.212	762.831	811.204
78.5	327.811	415.220	598.588	748.769	797.479
79.0	311.050	399.921	584.413	735.157	783.980
79.5	294.400	384.734	570.464	721.882	770.480
80.0	277.976	369.772	556.514	708.720	757.656
80.5	262.002	355.260	543.015	695.446	744.606
81.0	246.477	340.973	530.078	682.621	731.894
81.5	230.728	327.024	517.141	669.910	719.182
82.0	215.541	313.412	504.541	657.648	706.920
82.5	200.692	300.025	492.167	645.386	694.883

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CANDELA TABULATION - (Cont.)

83.0	186.067	286.976	480.017	633.574	683.184
83.5	171.555	274.264	468.430	621.537	671.034
84.0	157.381	261.889	457.181	610.175	659.447
84.5	143.319	249.965	446.156	598.925	648.085
85.0	129.820	238.378	435.357	587.788	636.723
85.5	116.320	227.353	424.782	576.988	625.699
86.0	103.046	216.778	414.433	566.414	614.787
86.5	89.884	206.879	404.646	555.839	603.875
87.0	76.947	197.317	394.746	545.827	593.188
87.5	64.010	188.430	385.409	535.703	582.951
88.0	51.185	179.767	376.184	525.916	572.601
88.5	38.248	171.668	367.297	516.241	562.589
89.0	26.436	164.018	358.860	506.904	552.689
89.5	16.762	156.931	350.648	497.904	543.015
90.0	10.012	150.631	343.111	489.355	534.128
90.5	7.087	145.119	336.136	480.805	524.678
91.0	7.537	140.057	329.049	472.143	515.678
91.5	9.000	135.219	321.962	463.931	506.679
92.0	10.687	131.170	315.212	455.606	497.904
92.5	12.487	127.682	309.475	447.619	489.242
93.0	14.287	124.645	303.512	440.082	480.917
93.5	16.199	122.282	297.888	432.657	473.043
94.0	18.224	120.257	292.600	425.682	465.393
94.5	20.137	118.795	287.650	418.595	457.518
95.0	22.049	117.670	283.038	411.620	449.981
95.5	23.849	116.883	278.763	404.983	442.557
96.0	25.311	116.545	275.051	398.571	435.244
96.5	26.774	116.545	271.339	392.609	428.495
97.0	28.124	116.658	267.964	386.871	421.745
97.5	29.586	117.108	264.814	381.359	415.558
98.0	30.824	117.558	262.002	375.959	409.258
98.5	32.286	118.120	259.639	370.785	403.408
99.0	33.749	118.795	257.164	365.947	397.671
99.5	35.324	119.583	255.027	361.335	392.046
100.0	36.673	120.370	253.339	357.060	386.984
100.5	38.248	121.270	251.652	352.898	381.809
101.0	39.598	122.170	250.415	348.960	377.197
101.5	40.948	123.070	249.177	345.248	372.472
102.0	42.186	123.970	248.277	341.761	368.310
102.5	43.423	124.870	247.377	338.498	364.147
103.0	44.661	125.882	246.702	335.236	360.435
103.5	46.011	126.895	246.140	332.424	356.610
104.0	47.473	127.795	245.577	329.836	353.123
104.5	48.935	128.807	245.240	327.361	349.860
105.0	50.285	129.820	244.902	325.111	346.711
105.5	51.523	130.720	244.565	322.749	344.011
106.0	52.985	131.844	244.452	320.724	341.311
106.5	54.335	132.857	244.452	318.812	338.611
107.0	55.685	133.982	244.452	317.012	336.361
107.5	56.923	134.882	244.452	315.662	333.999
108.0	58.498	136.007	244.452	314.087	331.636
108.5	59.960	137.132	244.565	312.962	330.061
109.0	61.422	138.032	244.790	311.499	328.486
109.5	62.997	139.044	244.902	310.487	326.799
110.0	64.572	140.057	245.127	309.362	325.449
110.5	66.147	141.069	245.352	308.350	324.211

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CANDELA TABULATION - (Cont.)

111.0	67.722	142.082	245.465	307.450	322.862
111.5	69.297	142.982	245.577	306.775	321.737
112.0	70.985	143.994	245.802	306.100	320.387
112.5	72.672	145.006	246.027	305.312	319.149
113.0	74.472	146.019	246.365	304.750	318.587
113.5	76.159	146.919	246.365	304.187	317.799
114.0	77.959	147.819	246.590	303.737	317.012
114.5	79.647	148.831	246.815	303.175	316.337
115.0	81.447	149.619	247.040	302.837	315.774
115.5	83.247	150.631	247.040	302.500	315.212
116.0	84.934	151.531	247.377	302.050	314.537
116.5	86.509	152.431	247.602	301.600	314.312
117.0	88.309	153.444	247.827	301.600	313.749
117.5	89.996	154.231	248.052	301.150	313.412
118.0	91.459	155.019	248.277	300.925	312.962
118.5	93.146	155.806	248.390	300.587	312.849
119.0	94.609	156.593	248.615	300.250	312.174
119.5	96.183	157.156	248.840	299.912	312.062
120.0	97.646	157.718	248.727	299.687	311.499
120.5	99.108	158.393	248.840	299.238	311.387
121.0	100.571	158.843	249.065	298.900	310.937
121.5	102.146	159.406	248.952	298.450	310.712
122.0	103.608	160.081	248.952	298.225	310.375
122.5	105.071	160.756	249.065	297.775	309.587
123.0	106.533	161.431	248.952	297.325	309.475
123.5	107.883	161.993	248.727	296.988	308.800
124.0	109.008	162.443	248.727	296.650	308.687
124.5	110.133	162.893	248.727	296.088	308.237
125.0	111.258	163.456	248.502	295.525	307.787
125.5	112.383	163.793	248.277	295.188	307.225
126.0	113.395	164.243	248.165	294.513	306.775
126.5	114.295	164.806	247.940	294.063	306.437
127.0	115.308	165.031	247.715	293.500	305.987
127.5	116.095	165.368	247.377	292.938	305.200
128.0	117.108	165.368	247.265	292.263	304.750
128.5	117.895	165.593	246.815	291.700	304.300
129.0	118.683	165.818	246.365	291.138	303.737
129.5	119.358	166.156	245.577	290.238	303.062
130.0	119.920	166.381	244.790	289.675	302.387
130.5	120.482	166.606	243.890	289.000	301.600
131.0	120.820	166.943	242.990	287.988	300.812
131.5	121.270	167.281	242.090	287.088	300.025
132.0	121.720	167.618	241.077	286.526	299.350
132.5	121.945	167.730	239.952	285.401	298.338
133.0	122.282	167.843	239.503	284.388	297.100
133.5	122.395	167.730	238.828	283.601	296.538
134.0	122.507	167.506	238.378	282.701	295.750
134.5	122.845	167.056	237.815	281.688	294.288
135.0	123.182	166.718	237.140	280.338	293.163
135.5	123.070	165.818	236.578	279.438	292.263
136.0	123.295	165.706	235.790	278.313	291.138
136.5	123.520	165.368	235.228	277.076	290.013
137.0	123.632	164.806	234.328	276.063	288.775
137.5	123.745	164.243	233.540	274.714	287.650
138.0	123.970	163.906	232.415	273.589	286.301
138.5	123.970	163.456	230.953	272.351	285.288

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	123.857	163.118	229.265	270.889	283.713
139.5	123.857	162.668	227.241	269.314	282.588
140.0	123.857	162.106	224.991	267.851	281.013
140.5	123.857	161.768	222.966	266.051	279.326
141.0	123.857	161.543	220.716	264.139	277.976
141.5	123.857	161.093	218.466	262.452	276.626
142.0	123.745	160.868	216.328	260.314	275.164
142.5	123.632	160.531	214.079	258.402	273.476
143.0	123.520	160.193	211.941	256.602	271.789
143.5	123.520	159.743	209.466	254.689	270.214
144.0	123.520	159.181	207.329	253.227	268.414
144.5	123.857	158.731	205.191	251.539	266.839
145.0	124.307	158.281	202.829	250.077	265.039
145.5	125.095	157.718	200.692	248.615	263.239
146.0	126.107	157.268	198.667	247.040	261.552
146.5	127.120	156.818	196.979	245.352	259.639
147.0	128.132	156.256	195.067	243.665	257.727
147.5	129.032	156.031	193.604	241.977	255.814
148.0	130.045	155.581	192.029	240.065	253.789
148.5	130.945	155.469	190.792	238.265	251.764
149.0	132.069	155.469	189.442	236.465	249.965
149.5	132.857	155.806	188.205	234.553	247.715
150.0	133.757	156.031	186.967	232.753	245.352
150.5	134.544	156.143	185.617	230.728	242.877
151.0	135.107	156.481	183.817	228.703	239.952
151.5	135.669	156.593	181.905	226.566	237.253
152.0	136.344	156.818	180.105	224.316	234.553
152.5	137.019	157.043	178.418	221.953	231.628
153.0	137.469	157.156	176.618	219.253	229.265
153.5	138.032	157.493	174.705	216.441	226.566
154.0	138.482	157.381	173.018	213.291	224.316
154.5	139.044	157.493	171.555	210.254	222.066
155.0	139.269	157.718	170.093	206.766	220.378
155.5	139.719	157.831	168.630	203.504	218.578
156.0	140.057	157.831	167.618	200.017	217.003
156.5	140.619	157.831	166.606	196.529	214.979
157.0	140.844	158.056	165.593	193.379	213.066
157.5	141.182	158.056	164.918	190.342	210.929
158.0	141.632	157.943	164.581	187.192	208.904
158.5	141.744	157.943	164.131	184.605	206.541
159.0	142.307	157.606	163.793	182.130	204.516
159.5	142.757	157.381	163.231	179.767	202.267
160.0	143.319	157.156	162.668	177.855	200.017
160.5	143.994	157.043	162.218	176.055	197.879
161.0	144.444	156.706	162.106	174.143	195.742
161.5	145.119	156.593	161.881	172.230	194.167
162.0	145.681	156.368	162.218	170.655	192.817
162.5	146.244	156.368	162.443	168.968	191.242
163.0	146.919	156.256	162.556	167.168	189.892
163.5	147.481	156.256	162.781	165.256	188.205
164.0	147.706	156.256	163.006	162.893	186.630
164.5	148.044	156.031	162.781	161.093	184.605
165.0	148.381	156.031	162.443	159.293	182.580
165.5	148.719	155.918	162.106	158.056	180.442
166.0	149.056	155.806	161.881	156.706	177.180
166.5	149.394	155.806	161.543	155.581	175.605

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	149.844	155.806	161.206	154.569	174.368
167.5	150.069	155.806	160.531	153.669	173.130
168.0	150.406	155.806	159.968	152.769	172.118
168.5	151.081	155.356	159.181	151.981	170.880
169.0	151.419	155.469	158.618	151.194	169.643
169.5	151.981	155.131	157.718	150.294	168.293
170.0	152.206	155.019	156.931	149.169	167.056
170.5	152.544	154.794	155.918	147.931	165.706
171.0	152.769	154.569	154.794	146.581	164.018
171.5	153.106	154.569	153.781	145.344	162.668
172.0	153.669	154.344	153.219	144.106	160.643
172.5	154.006	154.344	152.544	142.757	158.393
173.0	154.456	154.119	151.981	141.519	154.569
173.5	155.019	154.231	151.756	140.282	148.831
174.0	155.469	154.231	151.644	139.269	141.744
174.5	155.806	154.231	151.419	138.257	133.307
175.0	156.481	154.569	151.306	137.469	123.745
175.5	156.706	154.681	151.194	137.132	113.733
176.0	157.156	154.906	151.194	136.794	107.208
176.5	157.268	155.019	151.081	136.794	102.596
177.0	157.718	155.244	150.856	136.457	97.871
177.5	157.831	155.244	150.519	136.344	96.858
178.0	158.281	155.469	150.406	136.232	97.083
178.5	158.506	155.581	150.519	136.007	97.308
179.0	158.731	155.581	150.406	135.669	97.421
179.5	158.956	155.581	150.294	135.557	97.533
180.0	142.532	142.532	142.532	142.532	142.532

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1287.93	N.A.	11.70
0-30	2698.65	N.A.	24.50
0-40	4335.00	N.A.	39.40
0-60	7336.43	N.A.	66.70
0-80	9139.88	N.A.	83.10
0-90	9593.45	N.A.	87.30
10-90	9257.68	N.A.	84.20
20-40	3047.07	N.A.	27.70
20-50	4658.48	N.A.	42.40
40-70	4070.58	N.A.	37.00
60-80	1803.45	N.A.	16.40
70-80	734.30	N.A.	6.70
80-90	453.56	N.A.	4.10
90-110	529.77	N.A.	4.80
90-120	752.79	N.A.	6.80
90-130	958.05	N.A.	8.70
90-150	1257.75	N.A.	11.40
90-180	1401.02	N.A.	12.70
110-180	871.25	N.A.	7.90
0-180	10994.47	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	335.77
10-20	952.16
20-30	1410.72
30-40	1636.36
40-50	1611.41
50-60	1390.02
60-70	1069.15
70-80	734.30
80-90	453.56
90-100	290.60
100-110	239.17
110-120	223.03
120-130	205.26
130-140	172.49
140-150	127.21
150-160	83.17
160-170	45.82
170-180	14.27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-950-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	87	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-L130-950-DIM-UNV_.IES

UGR TABLE - CORRECTED

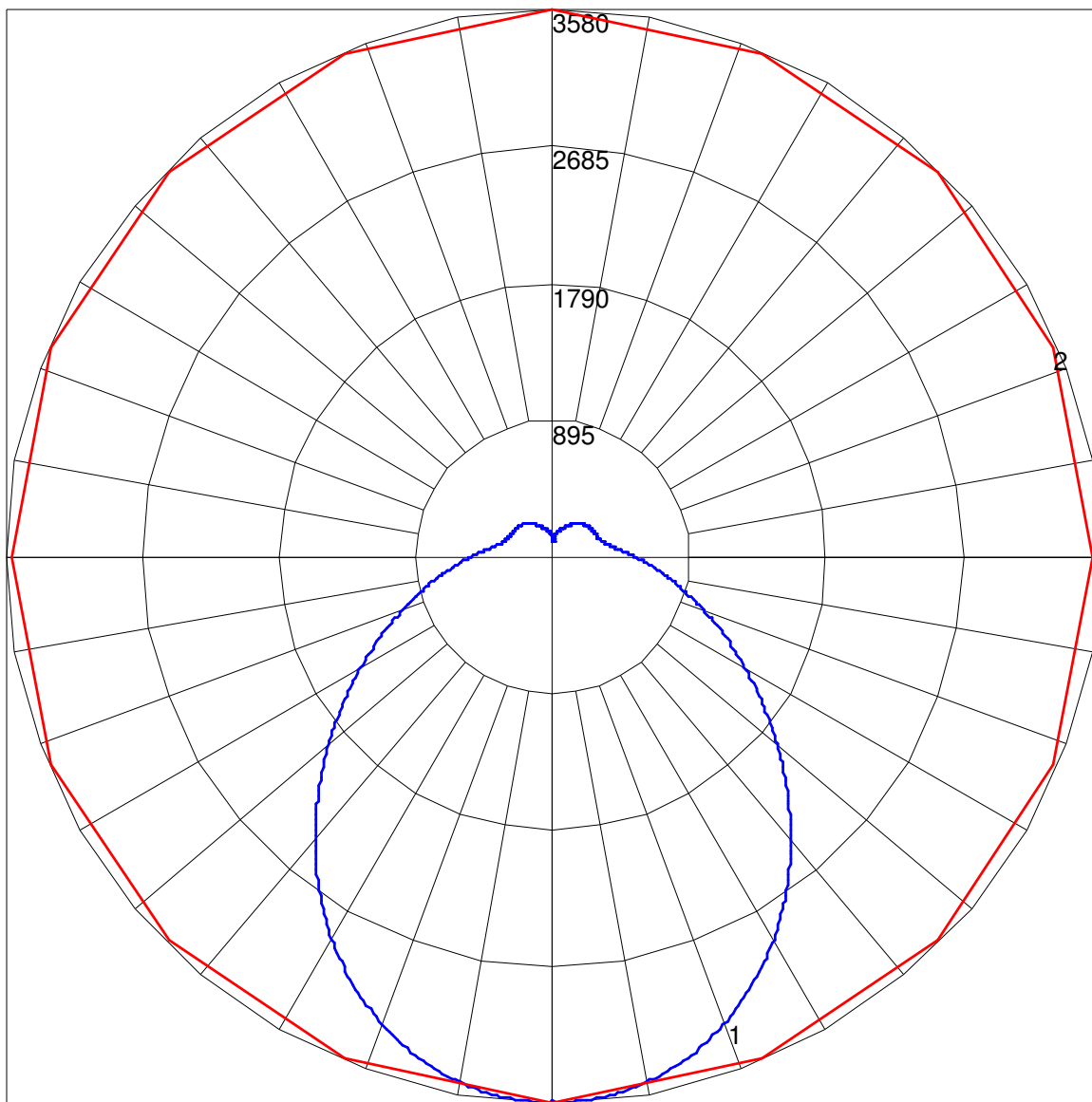
Reflectances

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	17.7	19.1	18.2	19.6	20.2	19.4	20.8	20.0	21.3	21.9
	3H	19.1	20.3	19.6	20.9	21.5	21.6	22.9	22.2	23.4	24.1
	4H	19.5	20.7	20.1	21.2	21.9	22.7	23.9	23.3	24.4	25.1
	6H	19.8	20.9	20.4	21.5	22.2	23.8	24.9	24.4	25.5	26.2
	8H	19.9	20.9	20.5	21.5	22.2	24.5	25.5	25.1	26.1	26.8
	12H	19.9	20.9	20.5	21.5	22.2	25.2	26.1	25.8	26.8	27.5
4H	2H	18.4	19.6	19.0	20.2	20.9	19.8	21.0	20.4	21.6	22.2
	3H	20.0	21.0	20.6	21.7	22.3	22.3	23.2	22.9	23.9	24.6
	4H	20.6	21.5	21.2	22.1	22.9	23.5	24.4	24.1	25.0	25.8
	6H	21.0	21.8	21.7	22.5	23.2	24.9	25.6	25.5	26.3	27.0
	8H	21.1	21.9	21.8	22.5	23.3	25.6	26.3	26.2	27.0	27.7
	12H	21.2	21.9	21.9	22.6	23.3	26.4	27.1	27.1	27.8	28.5
8H	4H	21.2	21.9	21.8	22.6	23.3	23.7	24.4	24.4	25.1	25.9
	6H	21.8	22.4	22.4	23.1	23.8	25.2	25.9	25.9	26.6	27.3
	8H	22.0	22.5	22.7	23.2	24.0	26.1	26.7	26.8	27.4	28.1
	12H	22.1	22.6	22.8	23.3	24.1	27.1	27.6	27.8	28.3	29.1
12H	4H	21.4	22.0	22.0	22.7	23.5	23.7	24.4	24.4	25.1	25.8
	6H	22.0	22.6	22.7	23.3	24.1	25.3	25.8	26.0	26.5	27.3
	8H	22.3	22.8	23.0	23.5	24.3	26.2	26.7	26.9	27.4	28.2

Maximum UGR = 29.1

POLAR GRAPH



Maximum Candela = 3579.601 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.)