

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-935-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-L200-935-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	16004
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	136.5
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	17702	15787	15527
55	15399	13545	13631
65	13043	11638	12148
75	10632	10221	11355
85	8350	10169	11997

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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	5179.393	5179.393	5179.393	5179.393	5179.393
0.5	5154.831	5174.481	5177.756	5176.118	5210.506
1.0	5154.831	5176.118	5176.118	5174.481	5208.868
1.5	5149.919	5176.118	5174.481	5172.843	5210.506
2.0	5148.281	5171.206	5174.481	5171.206	5205.593
2.5	5148.281	5171.206	5169.568	5169.568	5202.318
3.0	5143.369	5166.293	5166.293	5166.293	5199.043
3.5	5140.094	5161.381	5161.381	5163.018	5195.768
4.0	5136.819	5158.106	5158.106	5156.469	5192.493
4.5	5128.631	5153.194	5154.831	5153.194	5187.581
5.0	5123.719	5148.281	5148.281	5148.281	5182.668
5.5	5117.169	5141.731	5141.731	5143.369	5176.118
6.0	5113.894	5133.544	5135.181	5135.181	5169.568
6.5	5102.431	5126.994	5128.631	5128.631	5161.381
7.0	5095.881	5118.806	5120.444	5118.806	5154.831
7.5	5089.331	5108.981	5112.256	5112.256	5146.644
8.0	5081.144	5102.431	5102.431	5102.431	5135.181
8.5	5072.956	5090.969	5094.244	5094.244	5125.356
9.0	5059.856	5082.781	5084.419	5082.781	5113.894
9.5	5051.669	5071.319	5071.319	5071.319	5107.344
10.0	5038.569	5058.219	5058.219	5061.494	5094.244
10.5	5027.106	5046.756	5048.394	5048.394	5082.781
11.0	5015.644	5035.294	5036.931	5035.294	5069.681
11.5	5000.907	5022.194	5025.469	5022.194	5058.219
12.0	4987.807	5007.457	5010.732	5010.732	5043.481
12.5	4974.707	4992.719	4997.632	4994.357	5030.381
13.0	4959.969	4979.619	4982.894	4981.257	5015.644
13.5	4945.232	4963.244	4966.519	4966.519	5002.544
14.0	4927.219	4946.869	4950.144	4950.144	4984.532
14.5	4912.482	4930.494	4933.769	4933.769	4971.432
15.0	4897.744	4914.119	4915.757	4915.757	4951.782
15.5	4879.732	4894.469	4899.382	4899.382	4932.132
16.0	4860.082	4876.457	4881.370	4881.370	4915.757
16.5	4843.707	4856.807	4861.720	4863.357	4897.744
17.0	4820.782	4835.520	4842.070	4843.707	4878.095
17.5	4801.132	4815.870	4822.420	4824.057	4858.445
18.0	4783.120	4796.220	4801.132	4806.045	4840.432
18.5	4761.832	4776.570	4781.482	4784.757	4819.145
19.0	4740.545	4752.007	4760.195	4763.470	4796.220
19.5	4715.983	4732.358	4738.908	4745.458	4774.932
20.0	4689.783	4707.795	4715.983	4720.895	4752.007
20.5	4663.583	4686.508	4693.058	4699.608	4730.720
21.0	4642.295	4660.308	4665.220	4678.320	4707.795
21.5	4617.733	4635.745	4643.933	4650.483	4683.233
22.0	4591.533	4612.821	4621.008	4627.558	4661.945
22.5	4568.608	4583.346	4594.808	4604.633	4637.383
23.0	4540.771	4557.146	4568.608	4578.433	4611.183
23.5	4511.296	4529.308	4544.046	4553.871	4586.621
24.0	4481.821	4501.471	4516.208	4527.671	4560.421
24.5	4457.259	4473.634	4490.008	4499.833	4530.946
25.0	4429.421	4445.796	4463.809	4473.634	4504.746
25.5	4398.309	4417.959	4432.696	4447.434	4473.634
26.0	4368.834	4386.846	4406.496	4419.596	4449.071
26.5	4337.722	4355.734	4378.659	4390.121	4421.234

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27.0	4306.609	4322.984	4350.821	4365.559	4393.396
27.5	4270.584	4291.872	4319.709	4332.809	4365.559
28.0	4244.384	4260.759	4288.597	4303.334	4334.447
28.5	4209.997	4229.647	4257.484	4272.222	4303.334
29.0	4177.247	4196.897	4224.734	4242.747	4273.859
29.5	4142.860	4162.510	4191.985	4209.997	4241.109
30.0	4108.472	4129.760	4159.235	4182.160	4213.272
30.5	4072.447	4093.735	4128.122	4151.047	4180.522
31.0	4038.060	4059.348	4093.735	4118.297	4146.135
31.5	4002.035	4026.598	4060.985	4087.185	4116.660
32.0	3967.648	3988.935	4028.235	4052.798	4082.272
32.5	3929.986	3952.910	3993.848	4020.048	4049.523
33.0	3893.961	3918.523	3956.185	3987.298	4016.773
33.5	3859.573	3882.498	3923.436	3951.273	3982.385
34.0	3818.636	3844.836	3887.411	3918.523	3951.273
34.5	3780.974	3808.811	3853.023	3882.498	3915.248
35.0	3746.586	3769.511	3818.636	3849.748	3880.861
35.5	3702.374	3733.486	3780.974	3813.723	3844.836
36.0	3667.986	3694.186	3744.949	3777.699	3810.448
36.5	3625.412	3654.887	3707.286	3743.311	3777.699
37.0	3586.112	3617.224	3669.624	3705.649	3743.311
37.5	3545.174	3576.287	3633.599	3672.899	3705.649
38.0	3504.237	3536.987	3594.299	3635.237	3666.349
38.5	3461.662	3496.050	3556.637	3600.849	3630.324
39.0	3424.000	3455.112	3517.337	3563.187	3600.849
39.5	3381.425	3417.450	3479.675	3525.525	3561.549
40.0	3335.575	3374.875	3440.375	3491.137	3523.887
40.5	3293.000	3333.938	3402.712	3455.112	3487.862
41.0	3253.701	3293.000	3363.413	3417.450	3450.200
41.5	3211.126	3252.063	3324.113	3379.788	3414.175
42.0	3168.551	3211.126	3284.813	3343.763	3378.150
42.5	3127.613	3168.551	3243.876	3306.100	3340.488
43.0	3081.764	3127.613	3206.213	3270.075	3304.463
43.5	3042.464	3085.039	3165.276	3232.413	3268.438
44.0	2998.251	3042.464	3124.338	3196.388	3230.776
44.5	2957.314	3001.526	3083.401	3157.088	3193.113
45.0	2914.739	2958.952	3044.101	3122.701	3158.726
45.5	2872.164	2918.014	3004.801	3086.676	3122.701
46.0	2829.590	2875.439	2962.227	3047.376	3085.039
46.5	2787.015	2832.865	2926.202	3014.626	3049.014
47.0	2742.802	2791.927	2885.264	2975.327	3012.989
47.5	2700.228	2749.352	2844.327	2937.664	2975.327
48.0	2659.290	2706.778	2803.390	2903.277	2937.664
48.5	2613.440	2665.840	2765.727	2863.977	2901.639
49.0	2572.503	2621.628	2723.152	2826.315	2863.977
49.5	2529.928	2580.690	2683.853	2790.290	2827.952
50.0	2485.716	2538.116	2644.553	2750.990	2790.290
50.5	2444.778	2497.178	2603.615	2718.240	2755.902
51.0	2402.204	2454.603	2567.591	2680.578	2719.877
51.5	2361.266	2412.029	2526.653	2644.553	2683.853
52.0	2317.054	2371.091	2487.353	2606.890	2647.828
52.5	2274.479	2328.516	2449.691	2569.228	2613.440
53.0	2230.267	2287.579	2410.391	2536.478	2575.778
53.5	2187.692	2246.642	2372.729	2498.816	2541.391
54.0	2146.755	2205.704	2335.066	2462.791	2507.003
54.5	2107.455	2163.130	2297.404	2430.041	2472.616

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55.0	2066.517	2123.830	2259.742	2392.379	2441.504
55.5	2032.130	2082.892	2222.079	2357.991	2403.841
56.0	1992.830	2046.867	2186.054	2323.604	2369.454
56.5	1951.893	2009.205	2148.392	2289.217	2336.704
57.0	1912.593	1971.543	2112.367	2254.829	2302.317
57.5	1871.656	1932.243	2081.255	2222.079	2264.654
58.0	1830.718	1892.943	2045.230	2186.054	2236.817
58.5	1791.418	1853.643	2009.205	2154.942	2204.067
59.0	1752.119	1814.343	1974.818	2127.105	2169.680
59.5	1712.819	1776.681	1943.705	2092.717	2143.480
60.0	1673.519	1737.381	1909.318	2059.967	2110.730
60.5	1635.038	1699.719	1874.931	2028.855	2077.980
61.0	1596.393	1662.056	1840.543	1997.743	2046.867
61.5	1558.076	1624.722	1806.156	1966.630	2017.393
62.0	1520.413	1587.714	1773.406	1937.155	1986.280
62.5	1483.242	1551.034	1739.019	1907.680	1956.805
63.0	1445.580	1514.518	1706.269	1876.568	1930.605
63.5	1408.245	1478.493	1675.156	1847.093	1901.130
64.0	1371.892	1442.960	1642.406	1815.981	1871.656
64.5	1335.704	1408.245	1611.294	1786.506	1842.181
65.0	1299.843	1373.366	1580.018	1757.031	1814.343
65.5	1264.473	1339.306	1549.069	1727.556	1784.868
66.0	1228.612	1305.246	1518.448	1698.081	1757.031
66.5	1193.569	1272.005	1487.991	1670.244	1729.194
67.0	1159.346	1239.092	1457.697	1640.769	1701.356
67.5	1124.958	1206.669	1428.058	1613.259	1673.519
68.0	1091.062	1175.066	1398.584	1585.422	1647.319
68.5	1057.657	1143.626	1369.764	1558.403	1619.973
69.0	1024.416	1112.513	1341.271	1531.221	1594.100
69.5	991.666	1082.056	1313.106	1504.857	1568.392
70.0	959.080	1052.090	1285.433	1478.985	1542.847
70.5	927.313	1022.451	1257.759	1453.112	1517.629
71.0	895.873	993.140	1230.577	1427.567	1492.740
71.5	864.761	964.484	1204.049	1402.677	1468.177
72.0	834.303	935.664	1177.522	1377.951	1444.270
72.5	803.682	907.827	1151.650	1353.716	1420.526
73.0	773.880	880.153	1125.941	1329.809	1396.619
73.5	744.896	852.807	1101.051	1306.065	1373.366
74.0	716.240	826.279	1075.834	1283.140	1349.950
74.5	688.075	799.588	1051.762	1260.379	1327.844
75.0	660.074	773.552	1027.855	1238.109	1306.393
75.5	632.564	748.171	1004.275	1216.003	1284.614
76.0	605.873	723.281	981.350	1194.061	1263.327
76.5	579.345	698.719	958.589	1172.609	1242.039
77.0	553.145	674.320	936.155	1151.322	1221.407
77.5	527.437	650.576	914.049	1130.690	1200.938
78.0	502.056	627.324	892.598	1110.385	1180.797
78.5	477.166	604.399	871.311	1089.916	1160.819
79.0	452.767	582.129	850.678	1070.102	1141.170
79.5	428.532	560.023	830.373	1050.780	1121.520
80.0	404.625	538.244	810.068	1031.621	1102.852
80.5	381.372	517.121	790.418	1012.299	1083.857
81.0	358.775	496.324	771.587	993.631	1065.354
81.5	335.850	476.019	752.756	975.128	1046.850
82.0	313.744	456.206	734.416	957.279	1029.001
82.5	292.129	436.720	716.404	939.430	1011.480

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83.0	270.842	417.725	698.719	922.237	994.450
83.5	249.718	399.221	681.852	904.715	976.765
84.0	229.085	381.209	665.478	888.177	959.899
84.5	208.617	363.851	649.430	871.802	943.360
85.0	188.967	346.985	633.710	855.591	926.822
85.5	169.317	330.938	618.318	839.871	910.774
86.0	149.994	315.545	603.253	824.478	894.890
86.5	130.836	301.135	589.007	809.086	879.007
87.0	112.005	287.216	574.597	794.512	863.451
87.5	93.173	274.280	561.005	779.775	848.549
88.0	74.506	261.672	547.578	765.528	833.484
88.5	55.675	249.882	534.642	751.446	818.911
89.0	38.481	238.747	522.361	737.855	804.501
89.5	24.399	228.430	510.407	724.755	790.418
90.0	14.574	219.260	499.436	712.310	777.482
90.5	10.316	211.237	489.283	699.865	763.727
91.0	10.971	203.868	478.967	687.256	750.627
91.5	13.100	196.827	468.651	675.303	737.527
92.0	15.556	190.932	458.826	663.185	724.755
92.5	18.176	185.856	450.475	651.559	712.146
93.0	20.796	181.434	441.796	640.588	700.029
93.5	23.580	177.996	433.608	629.780	688.566
94.0	26.527	175.048	425.912	619.628	677.431
94.5	29.311	172.919	418.707	609.312	665.969
95.0	32.095	171.282	411.993	599.159	654.998
95.5	34.715	170.136	405.771	589.498	644.190
96.0	36.844	169.644	400.367	580.164	633.546
96.5	38.972	169.644	394.964	571.485	623.721
97.0	40.937	169.808	390.051	563.134	613.896
97.5	43.066	170.463	385.466	555.110	604.890
98.0	44.867	171.118	381.372	547.250	595.720
98.5	46.996	171.937	377.934	539.718	587.205
99.0	49.125	172.919	374.331	532.677	578.854
99.5	51.417	174.066	371.220	525.963	570.667
100.0	53.382	175.212	368.764	519.741	563.298
100.5	55.675	176.522	366.307	513.682	555.765
101.0	57.640	177.832	364.506	507.951	549.052
101.5	59.605	179.142	362.705	502.547	542.174
102.0	61.406	180.452	361.395	497.471	536.116
102.5	63.207	181.762	360.085	492.722	530.057
103.0	65.009	183.236	359.102	487.973	524.653
103.5	66.974	184.709	358.284	483.879	519.086
104.0	69.102	186.019	357.465	480.113	514.009
104.5	71.231	187.493	356.974	476.511	509.261
105.0	73.196	188.967	356.482	473.236	504.676
105.5	74.997	190.277	355.991	469.797	500.746
106.0	77.126	191.914	355.827	466.850	496.816
106.5	79.091	193.388	355.827	464.066	492.886
107.0	81.056	195.026	355.827	461.446	489.611
107.5	82.857	196.336	355.827	459.481	486.172
108.0	85.150	197.973	355.827	457.188	482.733
108.5	87.278	199.611	355.991	455.551	480.441
109.0	89.407	200.921	356.319	453.422	478.148
109.5	91.700	202.394	356.482	451.948	475.692
110.0	93.992	203.868	356.810	450.311	473.727
110.5	96.285	205.342	357.137	448.837	471.926

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CANDELA TABULATION - (Cont.)

111.0	98.577	206.815	357.301	447.527	469.961
111.5	100.870	208.125	357.465	446.545	468.323
112.0	103.326	209.599	357.792	445.562	466.358
112.5	105.782	211.073	358.120	444.416	464.557
113.0	108.402	212.547	358.611	443.597	463.738
113.5	110.858	213.857	358.611	442.778	462.592
114.0	113.478	215.167	358.939	442.123	461.446
114.5	115.935	216.640	359.266	441.305	460.463
115.0	118.555	217.787	359.594	440.813	459.645
115.5	121.175	219.260	359.594	440.322	458.826
116.0	123.631	220.570	360.085	439.667	457.843
116.5	125.923	221.880	360.412	439.012	457.516
117.0	128.543	223.354	360.740	439.012	456.697
117.5	131.000	224.500	361.067	438.357	456.206
118.0	133.128	225.647	361.395	438.030	455.551
118.5	135.585	226.793	361.559	437.538	455.387
119.0	137.713	227.939	361.886	437.047	454.405
119.5	140.006	228.758	362.214	436.556	454.241
120.0	142.134	229.577	362.050	436.228	453.422
120.5	144.263	230.559	362.214	435.573	453.258
121.0	146.392	231.214	362.541	435.082	452.603
121.5	148.684	232.033	362.377	434.427	452.276
122.0	150.813	233.015	362.377	434.100	451.785
122.5	152.942	233.998	362.541	433.445	450.638
123.0	155.071	234.980	362.377	432.790	450.475
123.5	157.036	235.799	362.050	432.298	449.492
124.0	158.673	236.454	362.050	431.807	449.328
124.5	160.311	237.109	362.050	430.988	448.673
125.0	161.948	237.928	361.722	430.170	448.018
125.5	163.586	238.419	361.395	429.678	447.200
126.0	165.059	239.074	361.231	428.696	446.545
126.5	166.369	239.893	360.904	428.041	446.053
127.0	167.843	240.220	360.576	427.222	445.398
127.5	168.989	240.712	360.085	426.403	444.252
128.0	170.463	240.712	359.921	425.421	443.597
128.5	171.609	241.039	359.266	424.602	442.942
129.0	172.756	241.367	358.611	423.783	442.123
129.5	173.738	241.858	357.465	422.473	441.141
130.0	174.557	242.185	356.319	421.655	440.158
130.5	175.376	242.513	355.009	420.672	439.012
131.0	175.867	243.004	353.699	419.198	437.866
131.5	176.522	243.495	352.389	417.888	436.720
132.0	177.177	243.987	350.915	417.070	435.737
132.5	177.504	244.150	349.277	415.432	434.263
133.0	177.996	244.314	348.622	413.958	432.462
133.5	178.159	244.150	347.640	412.812	431.643
134.0	178.323	243.823	346.985	411.502	430.497
134.5	178.814	243.168	346.166	410.028	428.368
135.0	179.306	242.677	345.184	408.063	426.731
135.5	179.142	241.367	344.365	406.754	425.421
136.0	179.469	241.203	343.219	405.116	423.783
136.5	179.797	240.712	342.400	403.315	422.146
137.0	179.961	239.893	341.090	401.841	420.345
137.5	180.124	239.074	339.944	399.876	418.707
138.0	180.452	238.583	338.306	398.239	416.742
138.5	180.452	237.928	336.178	396.437	415.268

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	180.288	237.437	333.721	394.309	412.976
139.5	180.288	236.782	330.774	392.016	411.338
140.0	180.288	235.963	327.499	389.887	409.046
140.5	180.288	235.472	324.551	387.267	406.590
141.0	180.288	235.144	321.276	384.484	404.625
141.5	180.288	234.489	318.001	382.027	402.660
142.0	180.124	234.162	314.890	378.916	400.531
142.5	179.961	233.670	311.615	376.132	398.075
143.0	179.797	233.179	308.504	373.512	395.619
143.5	179.797	232.524	304.901	370.729	393.326
144.0	179.797	231.705	301.790	368.600	390.706
144.5	180.288	231.050	298.679	366.144	388.414
145.0	180.943	230.395	295.240	364.015	385.794
145.5	182.089	229.577	292.129	361.886	383.174
146.0	183.563	228.922	289.181	359.594	380.717
146.5	185.037	228.267	286.725	357.137	377.934
147.0	186.511	227.448	283.941	354.681	375.150
147.5	187.821	227.120	281.813	352.225	372.366
148.0	189.294	226.465	279.520	349.441	369.419
148.5	190.604	226.302	277.719	346.821	366.471
149.0	192.242	226.302	275.754	344.201	363.851
149.5	193.388	226.793	273.953	341.417	360.576
150.0	194.698	227.120	272.151	338.798	357.137
150.5	195.844	227.284	270.187	335.850	353.535
151.0	196.663	227.775	267.567	332.903	349.277
151.5	197.482	227.939	264.783	329.791	345.347
152.0	198.464	228.267	262.163	326.516	341.417
152.5	199.447	228.594	259.707	323.078	337.160
153.0	200.102	228.758	257.087	319.148	333.721
153.5	200.921	229.249	254.303	315.054	329.791
154.0	201.576	229.085	251.847	310.469	326.516
154.5	202.394	229.249	249.718	306.048	323.241
155.0	202.722	229.577	247.589	300.971	320.785
155.5	203.377	229.740	245.460	296.223	318.165
156.0	203.868	229.740	243.987	291.146	315.873
156.5	204.687	229.740	242.513	286.070	312.925
157.0	205.014	230.068	241.039	281.485	310.141
157.5	205.505	230.068	240.057	277.064	307.030
158.0	206.160	229.904	239.565	272.479	304.083
158.5	206.324	229.904	238.910	268.713	300.644
159.0	207.143	229.413	238.419	265.110	297.696
159.5	207.798	229.085	237.600	261.672	294.421
160.0	208.617	228.758	236.782	258.888	291.146
160.5	209.599	228.594	236.127	256.268	288.035
161.0	210.254	228.103	235.963	253.484	284.924
161.5	211.237	227.939	235.635	250.700	282.631
162.0	212.055	227.612	236.127	248.408	280.666
162.5	212.874	227.612	236.454	245.952	278.374
163.0	213.857	227.448	236.618	243.332	276.409
163.5	214.675	227.448	236.945	240.548	273.953
164.0	215.003	227.448	237.273	237.109	271.660
164.5	215.494	227.120	236.945	234.489	268.713
165.0	215.985	227.120	236.454	231.869	265.765
165.5	216.477	226.957	235.963	230.068	262.654
166.0	216.968	226.793	235.635	228.103	257.905
166.5	217.459	226.793	235.144	226.465	255.613

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	218.114	226.793	234.653	224.992	253.812
167.5	218.442	226.793	233.670	223.682	252.010
168.0	218.933	226.793	232.852	222.372	250.537
168.5	219.915	226.138	231.705	221.225	248.735
169.0	220.407	226.302	230.887	220.079	246.934
169.5	221.225	225.810	229.577	218.769	244.969
170.0	221.553	225.647	228.430	217.132	243.168
170.5	222.044	225.319	226.957	215.330	241.203
171.0	222.372	224.992	225.319	213.365	238.747
171.5	222.863	224.992	223.845	211.564	236.782
172.0	223.682	224.664	223.027	209.763	233.834
172.5	224.173	224.664	222.044	207.798	230.559
173.0	224.828	224.337	221.225	205.997	224.992
173.5	225.647	224.500	220.898	204.195	216.640
174.0	226.302	224.500	220.734	202.722	206.324
174.5	226.793	224.500	220.407	201.248	194.043
175.0	227.775	224.992	220.243	200.102	180.124
175.5	228.103	225.155	220.079	199.611	165.551
176.0	228.758	225.483	220.079	199.119	156.053
176.5	228.922	225.647	219.915	199.119	149.339
177.0	229.577	225.974	219.588	198.628	142.462
177.5	229.740	225.974	219.097	198.464	140.988
178.0	230.395	226.302	218.933	198.301	141.316
178.5	230.723	226.465	219.097	197.973	141.643
179.0	231.050	226.465	218.933	197.482	141.807
179.5	231.378	226.465	218.769	197.318	141.971
180.0	207.470	207.470	207.470	207.470	207.470

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1874.73	N.A.	11.70
0-30	3928.18	N.A.	24.50
0-40	6310.08	N.A.	39.40
0-60	10678.99	N.A.	66.70
0-80	13304.11	N.A.	83.10
0-90	13964.33	N.A.	87.30
10-90	13475.58	N.A.	84.20
20-40	4435.35	N.A.	27.70
20-50	6780.94	N.A.	42.40
40-70	5925.18	N.A.	37.00
60-80	2625.12	N.A.	16.40
70-80	1068.85	N.A.	6.70
80-90	660.21	N.A.	4.10
90-110	771.13	N.A.	4.80
90-120	1095.77	N.A.	6.80
90-130	1394.55	N.A.	8.70
90-150	1830.79	N.A.	11.40
90-180	2039.34	N.A.	12.70
110-180	1268.2	N.A.	7.90
0-180	16003.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	488.75
10-20	1385.98
20-30	2053.46
30-40	2381.9
40-50	2345.59
50-60	2023.32
60-70	1556.27
70-80	1068.85
80-90	660.21
90-100	423.00
100-110	348.13
110-120	324.64
120-130	298.78
130-140	251.08
140-150	185.16
150-160	121.06
160-170	66.70
170-180	20.78

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-935-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-L200-935-DIM-UNV_.IES

UGR TABLE - CORRECTED

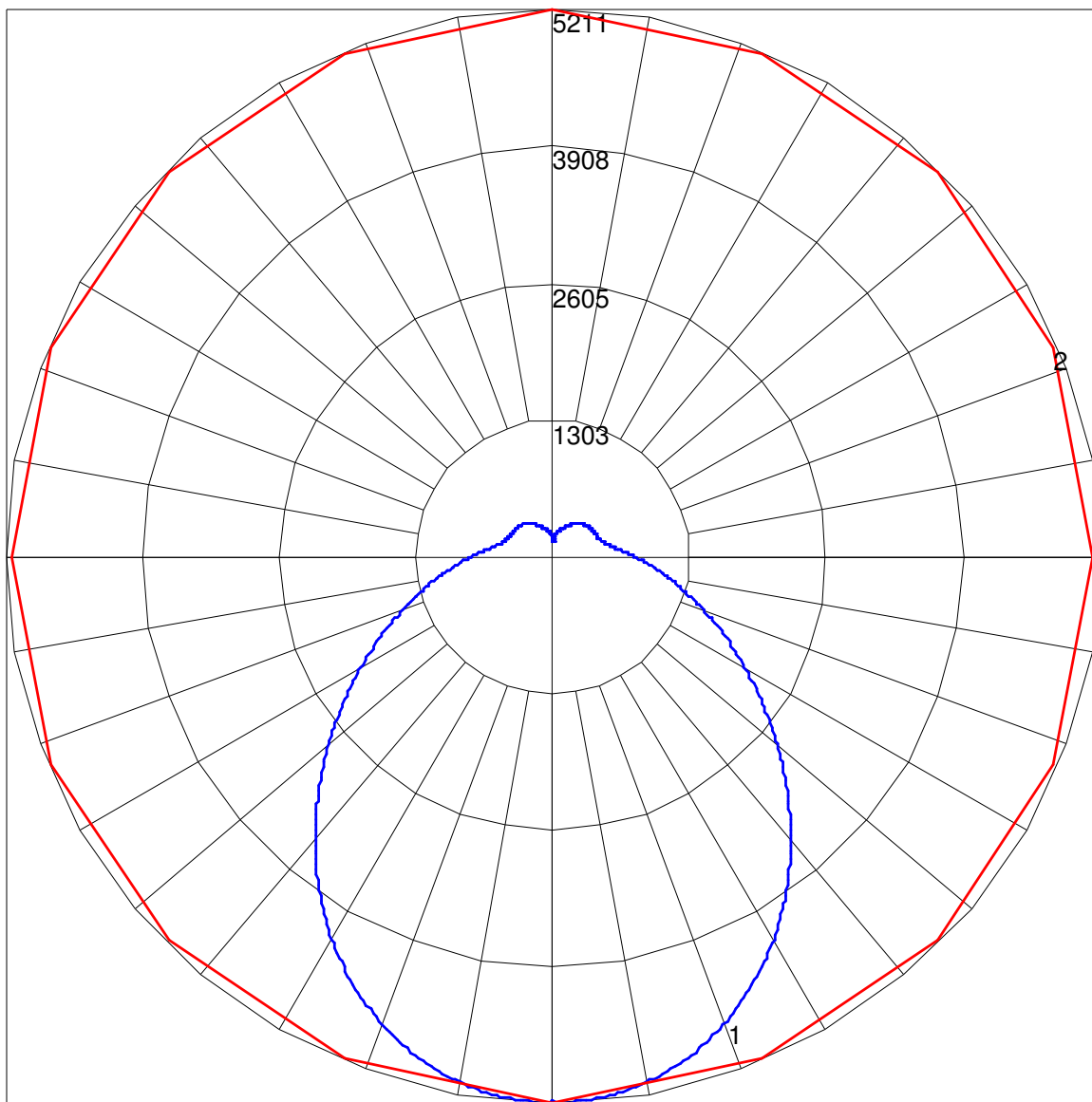
Reflectances

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	19.0	20.4	19.5	20.9	21.5	20.7	22.1	21.3	22.6	23.2
	3H	20.4	21.6	20.9	22.2	22.8	22.9	24.2	23.5	24.7	25.4
	4H	20.8	22.0	21.4	22.5	23.2	24.0	25.2	24.6	25.7	26.4
	6H	21.1	22.2	21.7	22.8	23.5	25.1	26.2	25.7	26.8	27.5
	8H	21.2	22.2	21.8	22.8	23.5	25.8	26.8	26.4	27.4	28.1
	12H	21.2	22.2	21.8	22.8	23.5	26.5	27.4	27.1	28.1	28.8
4H	2H	19.7	20.9	20.3	21.5	22.2	21.1	22.3	21.7	22.9	23.5
	3H	21.3	22.3	21.9	23.0	23.6	23.6	24.5	24.2	25.2	25.9
	4H	21.9	22.8	22.5	23.4	24.2	24.8	25.7	25.4	26.3	27.1
	6H	22.3	23.1	23.0	23.8	24.5	26.2	26.9	26.8	27.6	28.3
	8H	22.4	23.2	23.1	23.8	24.6	26.9	27.6	27.5	28.3	29.0
	12H	22.5	23.2	23.2	23.9	24.6	27.7	28.4	28.4	29.1	29.8
8H	4H	22.5	23.2	23.1	23.9	24.6	25.0	25.7	25.7	26.4	27.2
	6H	23.1	23.7	23.7	24.4	25.1	26.5	27.2	27.2	27.9	28.6
	8H	23.3	23.8	24.0	24.5	25.3	27.4	28.0	28.1	28.7	29.4
	12H	23.4	23.9	24.1	24.6	25.4	28.4	28.9	29.1	29.6	30.4
12H	4H	22.7	23.3	23.3	24.0	24.8	25.0	25.7	25.7	26.4	27.1
	6H	23.3	23.9	24.0	24.6	25.4	26.6	27.1	27.3	27.8	28.6
	8H	23.6	24.1	24.3	24.8	25.6	27.5	28.0	28.2	28.7	29.5

Maximum UGR = 30.4

POLAR GRAPH



Maximum Candela = 5210.506 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.)