

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-950-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-L200-950-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	17161
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
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	18981	16928	16650
55	16513	14525	14617
65	13986	12480	13027
75	11400	10960	12176
85	8953	10905	12865

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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	5553.807	5553.807	5553.807	5553.807	5553.807
0.5	5527.469	5548.540	5552.051	5550.296	5587.169
1.0	5527.469	5550.296	5550.296	5548.540	5585.413
1.5	5522.202	5550.296	5548.540	5546.784	5587.169
2.0	5520.446	5545.028	5548.540	5545.028	5581.901
2.5	5520.446	5545.028	5543.272	5543.272	5578.389
3.0	5515.178	5539.760	5539.760	5539.760	5574.878
3.5	5511.667	5534.493	5534.493	5536.249	5571.366
4.0	5508.155	5530.981	5530.981	5529.225	5567.854
4.5	5499.375	5525.713	5527.469	5525.713	5562.587
5.0	5494.108	5520.446	5520.446	5520.446	5557.319
5.5	5487.084	5513.422	5513.422	5515.178	5550.296
6.0	5483.573	5504.643	5506.399	5506.399	5543.272
6.5	5471.282	5497.620	5499.375	5499.375	5534.493
7.0	5464.258	5488.840	5490.596	5488.840	5527.469
7.5	5457.235	5478.305	5481.817	5481.817	5518.690
8.0	5448.455	5471.282	5471.282	5471.282	5506.399
8.5	5439.676	5458.991	5462.502	5462.502	5495.864
9.0	5425.629	5450.211	5451.967	5450.211	5483.573
9.5	5416.850	5437.920	5437.920	5437.920	5476.549
10.0	5402.803	5423.873	5423.873	5427.385	5462.502
10.5	5390.512	5411.582	5413.338	5413.338	5450.211
11.0	5378.221	5399.291	5401.047	5399.291	5436.164
11.5	5362.418	5385.244	5388.756	5385.244	5423.873
12.0	5348.371	5369.441	5372.953	5372.953	5408.070
12.5	5334.324	5353.638	5358.906	5355.394	5394.023
13.0	5318.521	5339.592	5343.103	5341.347	5378.221
13.5	5302.718	5322.033	5325.545	5325.545	5364.174
14.0	5283.404	5304.474	5307.986	5307.986	5344.859
14.5	5267.601	5286.916	5290.427	5290.427	5330.812
15.0	5251.798	5269.357	5271.113	5271.113	5309.742
15.5	5232.484	5248.286	5253.554	5253.554	5288.671
16.0	5211.413	5228.972	5234.240	5234.240	5271.113
16.5	5193.855	5207.902	5213.169	5214.925	5251.798
17.0	5169.272	5185.075	5192.099	5193.855	5230.728
17.5	5148.202	5164.005	5171.028	5172.784	5209.657
18.0	5128.888	5142.934	5148.202	5153.470	5190.343
18.5	5106.061	5121.864	5127.132	5130.643	5167.517
19.0	5083.235	5095.526	5104.305	5107.817	5142.934
19.5	5056.897	5074.456	5081.479	5088.503	5120.108
20.0	5028.803	5048.118	5056.897	5062.165	5095.526
20.5	5000.709	5025.291	5032.315	5039.338	5072.700
21.0	4977.883	4997.197	5002.465	5016.512	5048.118
21.5	4951.545	4970.859	4979.639	4986.662	5021.780
22.0	4923.451	4946.277	4955.057	4962.080	4998.953
22.5	4898.869	4914.672	4926.963	4937.498	4972.615
23.0	4869.019	4886.578	4898.869	4909.404	4944.521
23.5	4837.414	4856.728	4872.531	4883.066	4918.183
24.0	4805.808	4826.878	4842.681	4854.972	4890.090
24.5	4779.470	4797.029	4814.587	4825.123	4858.484
25.0	4749.620	4767.179	4786.493	4797.029	4830.390
25.5	4716.259	4737.329	4753.132	4768.935	4797.029
26.0	4684.653	4703.968	4725.038	4739.085	4770.691
26.5	4651.292	4670.606	4695.188	4707.479	4740.841

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27.0	4617.930	4635.489	4665.339	4681.141	4710.991
27.5	4579.301	4602.127	4631.977	4646.024	4681.141
28.0	4551.207	4568.766	4598.616	4614.418	4647.780
28.5	4514.334	4535.404	4565.254	4581.057	4614.418
29.0	4479.217	4500.287	4530.137	4549.451	4582.813
29.5	4442.344	4463.414	4495.020	4514.334	4547.696
30.0	4405.470	4428.297	4459.902	4484.484	4517.846
30.5	4366.841	4389.668	4426.541	4451.123	4482.728
31.0	4329.968	4352.794	4389.668	4416.006	4445.855
31.5	4291.339	4317.677	4354.550	4382.644	4414.250
32.0	4254.466	4277.292	4319.433	4345.771	4377.376
32.5	4214.081	4238.663	4282.560	4310.653	4342.259
33.0	4175.452	4201.790	4242.175	4275.536	4307.142
33.5	4138.579	4163.161	4207.057	4236.907	4270.269
34.0	4094.682	4122.776	4168.428	4201.790	4236.907
34.5	4054.297	4084.147	4131.555	4163.161	4198.278
35.0	4017.424	4042.006	4094.682	4128.043	4161.405
35.5	3970.015	4003.377	4054.297	4089.414	4122.776
36.0	3933.142	3961.236	4015.668	4050.785	4085.903
36.5	3887.490	3919.095	3975.283	4013.912	4050.785
37.0	3845.349	3878.710	3934.898	3973.527	4013.912
37.5	3801.452	3834.814	3896.269	3938.410	3973.527
38.0	3757.555	3792.673	3854.128	3898.025	3931.386
38.5	3711.903	3748.776	3813.743	3861.152	3892.757
39.0	3671.518	3704.879	3771.602	3820.767	3861.152
39.5	3625.865	3664.494	3731.217	3780.382	3819.011
40.0	3576.701	3618.842	3689.077	3743.508	3778.626
40.5	3531.049	3574.945	3648.692	3704.879	3739.997
41.0	3488.908	3531.049	3606.551	3664.494	3699.612
41.5	3443.255	3487.152	3564.410	3624.109	3660.983
42.0	3397.603	3443.255	3522.269	3585.480	3622.354
42.5	3353.706	3397.603	3478.373	3545.095	3581.969
43.0	3304.542	3353.706	3437.988	3506.466	3543.340
43.5	3262.401	3308.053	3394.091	3466.081	3504.711
44.0	3214.992	3262.401	3350.194	3427.452	3464.326
44.5	3171.096	3218.504	3306.298	3385.312	3423.941
45.0	3125.443	3172.852	3264.157	3348.438	3387.067
45.5	3079.791	3128.955	3222.016	3309.809	3348.438
46.0	3034.138	3083.302	3176.363	3267.668	3308.053
46.5	2988.486	3037.650	3137.734	3232.551	3269.424
47.0	2941.077	2993.753	3093.838	3190.410	3230.795
47.5	2895.425	2948.101	3049.941	3150.025	3190.410
48.0	2851.528	2902.448	3006.044	3113.152	3150.025
48.5	2802.364	2858.551	2965.659	3071.011	3111.396
49.0	2758.467	2811.143	2920.007	3030.626	3071.011
49.5	2712.815	2767.246	2877.866	2991.997	3032.382
50.0	2665.406	2721.594	2835.725	2949.857	2991.997
50.5	2621.509	2677.697	2791.829	2914.739	2955.124
51.0	2575.857	2632.045	2753.199	2874.354	2916.495
51.5	2531.960	2586.392	2709.303	2835.725	2877.866
52.0	2484.552	2542.495	2667.162	2795.340	2839.237
52.5	2438.899	2496.843	2626.777	2754.955	2802.364
53.0	2391.491	2452.946	2584.636	2719.838	2761.979
53.5	2345.838	2409.050	2544.251	2679.453	2725.106
54.0	2301.942	2365.153	2503.866	2640.824	2688.232
54.5	2259.801	2319.500	2463.481	2605.707	2651.359

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55.0	2215.904	2277.360	2423.096	2565.322	2617.998
55.5	2179.031	2233.463	2382.712	2528.448	2577.613
56.0	2136.890	2194.834	2344.082	2491.575	2540.740
56.5	2092.993	2154.449	2303.698	2454.702	2505.622
57.0	2050.853	2114.064	2265.068	2417.829	2468.749
57.5	2006.956	2071.923	2231.707	2382.712	2428.364
58.0	1963.059	2029.782	2193.078	2344.082	2398.514
58.5	1920.919	1987.641	2154.449	2310.721	2363.397
59.0	1878.778	1945.501	2117.576	2280.871	2326.524
59.5	1836.637	1905.116	2084.214	2243.998	2298.430
60.0	1794.496	1862.975	2047.341	2208.881	2263.313
60.5	1753.233	1822.590	2010.468	2175.519	2228.195
61.0	1711.795	1782.205	1973.595	2142.158	2194.834
61.5	1670.707	1742.171	1936.721	2108.796	2163.228
62.0	1630.323	1702.489	1901.604	2077.191	2129.867
62.5	1590.464	1663.157	1864.731	2045.585	2098.261
63.0	1550.079	1624.001	1829.613	2012.224	2070.167
63.5	1510.046	1585.372	1796.252	1980.618	2038.562
64.0	1471.065	1547.270	1761.135	1947.257	2006.956
64.5	1432.261	1510.046	1727.773	1915.651	1975.350
65.0	1393.807	1472.646	1694.236	1884.045	1945.501
65.5	1355.881	1436.124	1661.050	1852.440	1913.895
66.0	1317.427	1399.602	1628.215	1820.834	1884.045
66.5	1279.851	1363.957	1595.556	1790.984	1854.196
67.0	1243.154	1328.665	1563.073	1759.379	1824.346
67.5	1206.281	1293.898	1531.292	1729.880	1794.496
68.0	1169.934	1260.010	1499.686	1700.030	1766.402
68.5	1134.114	1226.298	1468.783	1671.059	1737.079
69.0	1098.470	1192.936	1438.231	1641.911	1709.337
69.5	1063.353	1160.277	1408.030	1613.642	1681.769
70.0	1028.411	1128.145	1378.356	1585.899	1654.378
70.5	994.347	1096.363	1348.681	1558.156	1627.338
71.0	960.635	1064.933	1319.534	1530.765	1600.648
71.5	927.273	1034.206	1291.089	1504.076	1574.310
72.0	894.614	1003.302	1262.644	1477.562	1548.675
72.5	861.780	973.453	1234.901	1451.575	1523.215
73.0	829.823	943.779	1207.334	1425.940	1497.579
73.5	798.744	914.456	1180.645	1400.480	1472.646
74.0	768.016	886.010	1153.605	1375.897	1447.537
74.5	737.815	857.390	1127.793	1351.491	1423.833
75.0	707.790	829.472	1102.158	1327.611	1400.831
75.5	678.291	802.256	1076.873	1303.907	1377.478
76.0	649.671	775.566	1052.291	1280.378	1354.651
76.5	621.226	749.228	1027.885	1257.376	1331.825
77.0	593.132	723.066	1003.829	1234.550	1309.701
77.5	565.565	697.606	980.125	1212.426	1287.753
78.0	538.349	672.673	957.123	1190.653	1266.156
78.5	511.660	648.091	934.297	1168.705	1244.734
79.0	485.497	624.211	912.173	1147.459	1223.664
79.5	459.510	600.507	890.400	1126.740	1202.593
80.0	433.875	577.153	868.627	1106.196	1182.576
80.5	408.941	554.503	847.557	1085.477	1162.208
81.0	384.710	532.203	827.365	1065.460	1142.367
81.5	360.128	510.431	807.172	1045.619	1122.526
82.0	336.424	489.185	787.506	1026.480	1103.387
82.5	313.247	468.290	768.192	1007.341	1084.599

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83.0	290.420	447.922	749.228	988.904	1066.338
83.5	267.770	428.080	731.143	970.117	1047.375
84.0	245.646	408.766	713.584	952.382	1029.289
84.5	223.697	390.154	696.377	934.824	1011.555
85.0	202.627	372.068	679.521	917.441	993.821
85.5	181.557	354.861	663.015	900.584	976.613
86.0	160.837	338.356	646.861	884.079	959.581
86.5	140.294	322.904	631.585	867.574	942.549
87.0	120.101	307.979	616.134	851.947	925.869
87.5	99.909	294.108	601.560	836.144	909.890
88.0	79.892	280.588	587.162	820.868	893.736
88.5	59.699	267.945	573.291	805.767	878.109
89.0	41.263	256.005	560.122	791.194	862.657
89.5	26.162	244.943	547.304	777.147	847.557
90.0	15.627	235.111	535.539	763.802	833.686
90.5	11.062	226.507	524.653	750.458	818.936
91.0	11.764	218.605	513.591	736.937	804.889
91.5	14.047	211.055	502.529	724.120	790.842
92.0	16.681	204.734	491.994	711.126	777.147
92.5	19.490	199.291	483.039	698.659	763.627
93.0	22.300	194.550	473.733	686.895	750.633
93.5	25.284	190.863	464.954	675.306	738.342
94.0	28.445	187.702	456.701	664.420	726.402
94.5	31.430	185.420	448.975	653.358	714.111
95.0	34.415	183.664	441.776	642.472	702.347
95.5	37.224	182.435	435.104	632.112	690.758
96.0	39.507	181.908	429.309	622.104	679.345
96.5	41.790	181.908	423.515	612.798	668.810
97.0	43.897	182.083	418.248	603.843	658.275
97.5	46.179	182.786	413.331	595.239	648.617
98.0	48.111	183.488	408.941	586.811	638.784
98.5	50.393	184.366	405.254	578.734	629.654
99.0	52.676	185.420	401.391	571.184	620.699
99.5	55.134	186.649	398.055	563.984	611.920
100.0	57.241	187.878	395.421	557.312	604.018
100.5	59.699	189.282	392.787	550.815	595.941
101.0	61.807	190.687	390.856	544.670	588.742
101.5	63.914	192.092	388.925	538.876	581.368
102.0	65.845	193.497	387.520	533.432	574.871
102.5	67.776	194.901	386.115	528.340	568.374
103.0	69.708	196.482	385.062	523.248	562.580
103.5	71.815	198.062	384.184	518.859	556.610
104.0	74.098	199.466	383.306	514.820	551.167
104.5	76.380	201.047	382.779	510.957	546.075
105.0	78.487	202.627	382.252	507.446	541.158
105.5	80.419	204.032	381.725	503.758	536.944
106.0	82.701	205.788	381.550	500.598	532.730
106.5	84.808	207.368	381.550	497.613	528.516
107.0	86.915	209.124	381.550	494.803	525.004
107.5	88.847	210.528	381.550	492.696	521.317
108.0	91.305	212.284	381.550	490.238	517.630
108.5	93.588	214.040	381.725	488.482	515.171
109.0	95.870	215.445	382.077	486.200	512.713
109.5	98.329	217.025	382.252	484.619	510.079
110.0	100.787	218.605	382.603	482.863	507.972
110.5	103.245	220.186	382.955	481.283	506.041

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111.0	105.703	221.766	383.130	479.878	503.934
111.5	108.161	223.171	383.306	478.825	502.178
112.0	110.795	224.751	383.657	477.771	500.071
112.5	113.429	226.331	384.008	476.542	498.139
113.0	116.238	227.912	384.535	475.664	497.262
113.5	118.872	229.316	384.535	474.786	496.032
114.0	121.682	230.721	384.886	474.084	494.803
114.5	124.315	232.301	385.237	473.206	493.750
115.0	127.125	233.530	385.588	472.679	492.872
115.5	129.934	235.111	385.588	472.153	491.994
116.0	132.568	236.515	386.115	471.450	490.940
116.5	135.026	237.920	386.466	470.748	490.589
117.0	137.836	239.500	386.818	470.748	489.711
117.5	140.469	240.729	387.169	470.046	489.185
118.0	142.752	241.958	387.520	469.694	488.482
118.5	145.386	243.188	387.695	469.168	488.307
119.0	147.668	244.417	388.047	468.641	487.253
119.5	150.127	245.295	388.398	468.114	487.078
120.0	152.409	246.173	388.222	467.763	486.200
120.5	154.692	247.226	388.398	467.061	486.024
121.0	156.975	247.928	388.749	466.534	485.322
121.5	159.433	248.806	388.573	465.832	484.970
122.0	161.715	249.860	388.573	465.480	484.444
122.5	163.998	250.913	388.749	464.778	483.215
123.0	166.281	251.967	388.573	464.076	483.039
123.5	168.388	252.845	388.222	463.549	481.985
124.0	170.144	253.547	388.222	463.022	481.810
124.5	171.899	254.250	388.222	462.144	481.108
125.0	173.655	255.127	387.871	461.266	480.405
125.5	175.411	255.654	387.520	460.740	479.527
126.0	176.991	256.357	387.344	459.686	478.825
126.5	178.396	257.235	386.993	458.984	478.298
127.0	179.976	257.586	386.642	458.106	477.596
127.5	181.205	258.112	386.115	457.228	476.367
128.0	182.786	258.112	385.940	456.174	475.664
128.5	184.015	258.464	385.237	455.296	474.962
129.0	185.244	258.815	384.535	454.418	474.084
129.5	186.297	259.342	383.306	453.014	473.031
130.0	187.175	259.693	382.077	452.136	471.977
130.5	188.053	260.044	380.672	451.082	470.748
131.0	188.580	260.571	379.267	449.502	469.519
131.5	189.282	261.097	377.863	448.097	468.290
132.0	189.985	261.624	376.282	447.219	467.236
132.5	190.336	261.800	374.526	445.463	465.656
133.0	190.863	261.975	373.824	443.883	463.724
133.5	191.038	261.800	372.771	442.654	462.847
134.0	191.214	261.449	372.068	441.249	461.617
134.5	191.741	260.746	371.190	439.669	459.335
135.0	192.267	260.219	370.137	437.562	457.579
135.5	192.092	258.815	369.259	436.157	456.174
136.0	192.443	258.639	368.030	434.401	454.418
136.5	192.794	258.112	367.152	432.470	452.663
137.0	192.970	257.235	365.747	430.890	450.731
137.5	193.145	256.357	364.518	428.783	448.975
138.0	193.497	255.830	362.762	427.027	446.868
138.5	193.497	255.127	360.479	425.095	445.288

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	193.321	254.601	357.846	422.813	442.830
139.5	193.321	253.898	354.685	420.355	441.074
140.0	193.321	253.020	351.173	418.072	438.616
140.5	193.321	252.494	348.013	415.263	435.982
141.0	193.321	252.143	344.501	412.278	433.875
141.5	193.321	251.440	340.989	409.644	431.768
142.0	193.145	251.089	337.653	406.308	429.485
142.5	192.970	250.562	334.141	403.323	426.851
143.0	192.794	250.035	330.805	400.513	424.217
143.5	192.794	249.333	326.942	397.528	421.759
144.0	192.794	248.455	323.606	395.246	418.950
144.5	193.321	247.753	320.270	392.612	416.492
145.0	194.023	247.050	316.583	390.329	413.682
145.5	195.252	246.173	313.247	388.047	410.873
146.0	196.833	245.470	310.086	385.588	408.239
146.5	198.413	244.768	307.452	382.955	405.254
147.0	199.993	243.890	304.467	380.321	402.269
147.5	201.398	243.539	302.185	377.687	399.284
148.0	202.978	242.836	299.726	374.702	396.124
148.5	204.383	242.661	297.795	371.893	392.963
149.0	206.139	242.661	295.688	369.083	390.154
149.5	207.368	243.188	293.757	366.098	386.642
150.0	208.773	243.539	291.825	363.289	382.955
150.5	210.002	243.714	289.718	360.128	379.092
151.0	210.880	244.241	286.909	356.968	374.526
151.5	211.758	244.417	283.924	353.632	370.312
152.0	212.811	244.768	281.114	350.120	366.098
152.5	213.865	245.119	278.481	346.433	361.533
153.0	214.567	245.295	275.671	342.218	357.846
153.5	215.445	245.821	272.686	337.829	353.632
154.0	216.147	245.646	270.052	332.912	350.120
154.5	217.025	245.821	267.770	328.172	346.608
155.0	217.376	246.173	265.487	322.728	343.974
155.5	218.079	246.348	263.204	317.636	341.165
156.0	218.605	246.348	261.624	312.193	338.707
156.5	219.483	246.348	260.044	306.750	335.546
157.0	219.835	246.699	258.464	301.834	332.561
157.5	220.361	246.699	257.410	297.093	329.225
158.0	221.064	246.524	256.883	292.176	326.065
158.5	221.239	246.524	256.181	288.138	322.377
159.0	222.117	245.997	255.654	284.275	319.217
159.5	222.820	245.646	254.776	280.588	315.705
160.0	223.697	245.295	253.898	277.603	312.193
160.5	224.751	245.119	253.196	274.793	308.857
161.0	225.453	244.592	253.020	271.808	305.521
161.5	226.507	244.417	252.669	268.823	303.063
162.0	227.385	244.066	253.196	266.365	300.956
162.5	228.263	244.066	253.547	263.731	298.497
163.0	229.316	243.890	253.723	260.922	296.390
163.5	230.194	243.890	254.074	257.937	293.757
164.0	230.545	243.890	254.425	254.250	291.298
164.5	231.072	243.539	254.074	251.440	288.138
165.0	231.599	243.539	253.547	248.631	284.977
165.5	232.126	243.363	253.020	246.699	281.641
166.0	232.652	243.188	252.669	244.592	276.549
166.5	233.179	243.188	252.143	242.836	274.091

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	233.881	243.188	251.616	241.256	272.159
167.5	234.233	243.188	250.562	239.851	270.228
168.0	234.759	243.188	249.684	238.447	268.648
168.5	235.813	242.485	248.455	237.218	266.716
169.0	236.340	242.661	247.577	235.989	264.785
169.5	237.218	242.134	246.173	234.584	262.678
170.0	237.569	241.958	244.943	232.828	260.746
170.5	238.096	241.607	243.363	230.897	258.639
171.0	238.447	241.256	241.607	228.789	256.005
171.5	238.973	241.256	240.027	226.858	253.898
172.0	239.851	240.905	239.149	224.927	250.738
172.5	240.378	240.905	238.096	222.820	247.226
173.0	241.081	240.554	237.218	220.888	241.256
173.5	241.958	240.729	236.866	218.957	232.301
174.0	242.661	240.729	236.691	217.376	221.239
174.5	243.188	240.729	236.340	215.796	208.070
175.0	244.241	241.256	236.164	214.567	193.145
175.5	244.592	241.432	235.989	214.040	177.518
176.0	245.295	241.783	235.989	213.513	167.334
176.5	245.470	241.958	235.813	213.513	160.135
177.0	246.173	242.310	235.462	212.987	152.760
177.5	246.348	242.310	234.935	212.811	151.180
178.0	247.050	242.661	234.759	212.635	151.531
178.5	247.402	242.836	234.935	212.284	151.882
179.0	247.753	242.836	234.759	211.758	152.058
179.5	248.104	242.836	234.584	211.582	152.234
180.0	222.468	222.468	222.468	222.468	222.468

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-950-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2010.25	N.A.	11.70
0-30	4212.15	N.A.	24.50
0-40	6766.23	N.A.	39.40
0-60	11450.97	N.A.	66.70
0-80	14265.86	N.A.	83.10
0-90	14973.8	N.A.	87.30
10-90	14449.72	N.A.	84.20
20-40	4755.98	N.A.	27.70
20-50	7271.13	N.A.	42.40
40-70	6353.51	N.A.	37.00
60-80	2814.89	N.A.	16.40
70-80	1146.12	N.A.	6.70
80-90	707.94	N.A.	4.10
90-110	826.88	N.A.	4.80
90-120	1174.98	N.A.	6.80
90-130	1495.36	N.A.	8.70
90-150	1963.14	N.A.	11.40
90-180	2186.76	N.A.	12.70
110-180	1359.88	N.A.	7.90
0-180	17160.56	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	524.08
10-20	1486.17
20-30	2201.9
30-40	2554.08
40-50	2515.15
50-60	2169.59
60-70	1668.77
70-80	1146.12
80-90	707.94
90-100	453.58
100-110	373.30
110-120	348.11
120-130	320.38
130-140	269.23
140-150	198.55
150-160	129.82
160-170	71.52
170-180	22.28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-950-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	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-L200-950-DIM-UNV_.IES

UGR TABLE - CORRECTED

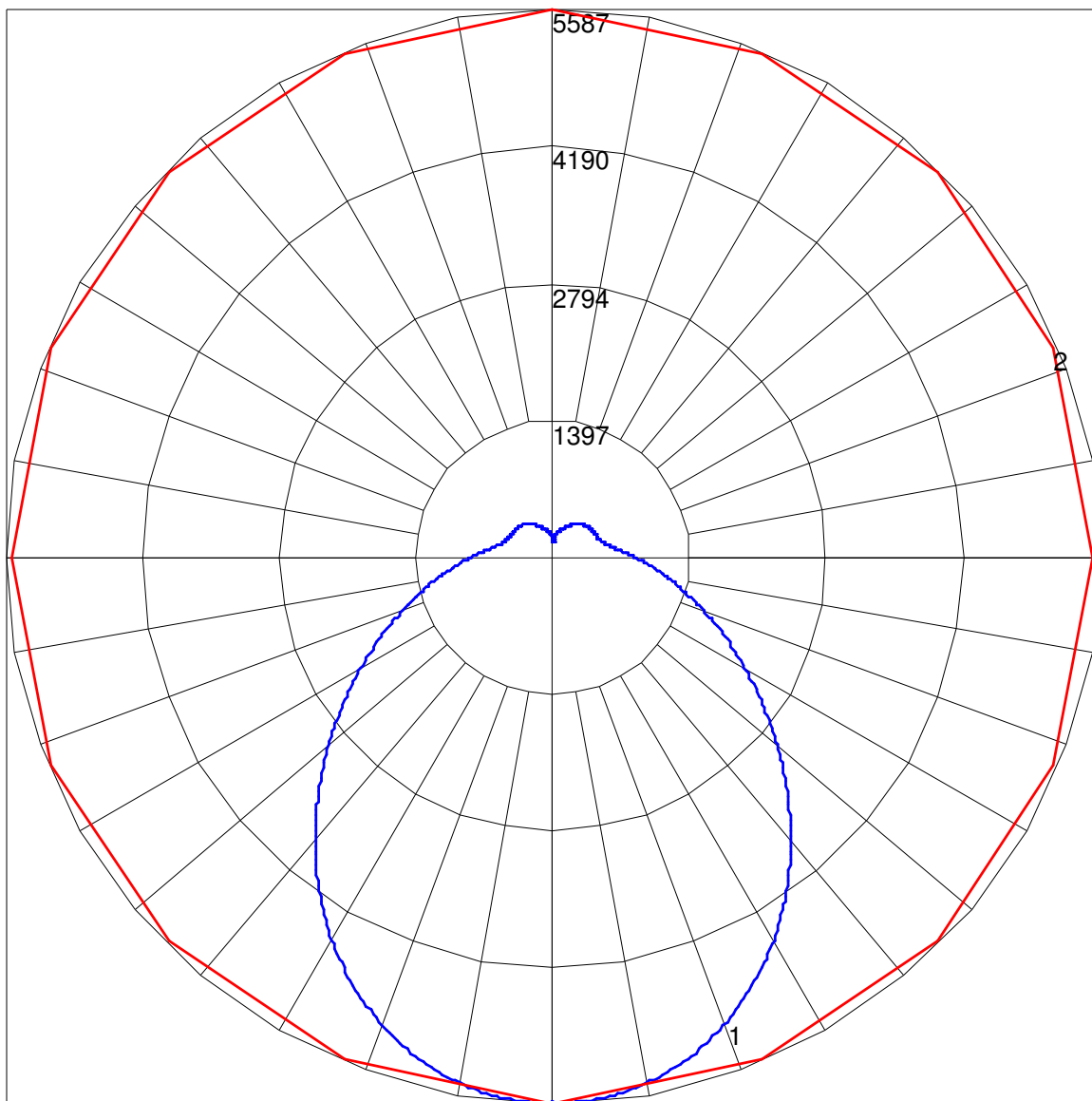
Reflectances

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	19.3	20.7	19.8	21.2	21.8	21.0	22.4	21.6	22.9	23.5
	3H	20.7	21.9	21.2	22.5	23.1	23.2	24.5	23.8	25.0	25.7
	4H	21.1	22.3	21.7	22.8	23.5	24.3	25.5	24.9	26.0	26.7
	6H	21.4	22.5	22.0	23.1	23.8	25.4	26.5	26.0	27.1	27.8
	8H	21.5	22.5	22.1	23.1	23.8	26.1	27.1	26.7	27.7	28.4
	12H	21.5	22.5	22.1	23.1	23.8	26.8	27.7	27.4	28.4	29.1
4H	2H	20.0	21.2	20.6	21.8	22.5	21.4	22.6	22.0	23.2	23.8
	3H	21.6	22.6	22.2	23.3	23.9	23.9	24.8	24.5	25.5	26.2
	4H	22.2	23.1	22.8	23.7	24.5	25.1	26.0	25.7	26.6	27.4
	6H	22.6	23.4	23.3	24.1	24.8	26.5	27.2	27.1	27.9	28.6
	8H	22.7	23.5	23.4	24.1	24.9	27.2	27.9	27.8	28.6	29.3
	12H	22.8	23.5	23.5	24.2	24.9	28.0	28.7	28.7	29.4	30.1
8H	4H	22.8	23.5	23.4	24.2	24.9	25.3	26.0	26.0	26.7	27.5
	6H	23.4	24.0	24.0	24.7	25.4	26.8	27.5	27.5	28.2	28.9
	8H	23.6	24.1	24.3	24.8	25.6	27.7	28.3	28.4	29.0	29.7
	12H	23.7	24.2	24.4	24.9	25.7	28.7	29.2	29.4	29.9	30.7
12H	4H	23.0	23.6	23.6	24.3	25.1	25.3	26.0	26.0	26.7	27.4
	6H	23.6	24.2	24.3	24.9	25.7	26.9	27.4	27.6	28.1	28.9
	8H	23.9	24.4	24.6	25.1	25.9	27.8	28.3	28.5	29.0	29.8

Maximum UGR = 30.7

POLAR GRAPH



Maximum Candela = 5587.169 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.)