

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-930-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-L200-930-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	15811
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	17488	15597	15340
55	15214	13382	13467
65	12886	11498	12002
75	10503	10098	11218
85	8249	10047	11853

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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	5116.991	5116.991	5116.991	5116.991	5116.991
0.5	5092.724	5112.137	5115.373	5113.755	5147.728
1.0	5092.724	5113.755	5113.755	5112.137	5146.110
1.5	5087.871	5113.755	5112.137	5110.519	5147.728
2.0	5086.253	5108.902	5112.137	5108.902	5142.875
2.5	5086.253	5108.902	5107.284	5107.284	5139.639
3.0	5081.400	5104.048	5104.048	5104.048	5136.404
3.5	5078.164	5099.195	5099.195	5100.813	5133.168
4.0	5074.929	5095.960	5095.960	5094.342	5129.933
4.5	5066.840	5091.106	5092.724	5091.106	5125.079
5.0	5061.987	5086.253	5086.253	5086.253	5120.226
5.5	5055.515	5079.782	5079.782	5081.400	5113.755
6.0	5052.280	5071.693	5073.311	5073.311	5107.284
6.5	5040.956	5065.222	5066.840	5066.840	5099.195
7.0	5034.485	5057.133	5058.751	5057.133	5092.724
7.5	5028.013	5047.427	5050.662	5050.662	5084.635
8.0	5019.925	5040.956	5040.956	5040.956	5073.311
8.5	5011.836	5029.631	5032.867	5032.867	5063.604
9.0	4998.894	5021.542	5023.160	5021.542	5052.280
9.5	4990.805	5010.218	5010.218	5010.218	5045.809
10.0	4977.863	4997.276	4997.276	5000.511	5032.867
10.5	4966.538	4985.952	4987.569	4987.569	5021.542
11.0	4955.214	4974.627	4976.245	4974.627	5008.600
11.5	4940.654	4961.685	4964.921	4961.685	4997.276
12.0	4927.712	4947.125	4950.361	4950.361	4982.716
12.5	4914.770	4932.565	4937.419	4934.183	4969.774
13.0	4900.210	4919.623	4922.859	4921.241	4955.214
13.5	4885.650	4903.446	4906.681	4906.681	4942.272
14.0	4867.855	4887.268	4890.503	4890.503	4924.477
14.5	4853.295	4871.090	4874.326	4874.326	4911.534
15.0	4838.735	4854.913	4856.530	4856.530	4892.121
15.5	4820.940	4835.499	4840.353	4840.353	4872.708
16.0	4801.526	4817.704	4822.557	4822.557	4856.530
16.5	4785.349	4798.291	4803.144	4804.762	4838.735
17.0	4762.700	4777.260	4783.731	4785.349	4819.322
17.5	4743.287	4757.847	4764.318	4765.936	4799.909
18.0	4725.491	4738.434	4743.287	4748.140	4782.113
18.5	4704.460	4719.020	4723.874	4727.109	4761.082
19.0	4683.430	4694.754	4702.843	4706.078	4738.434
19.5	4659.163	4675.341	4681.812	4688.283	4717.403
20.0	4633.279	4651.074	4659.163	4664.016	4694.754
20.5	4607.395	4630.043	4636.514	4642.985	4673.723
21.0	4586.364	4604.159	4609.012	4621.954	4651.074
21.5	4562.097	4579.893	4587.981	4594.452	4626.808
22.0	4536.213	4557.244	4565.333	4571.804	4605.777
22.5	4513.564	4528.124	4539.448	4549.155	4581.510
23.0	4486.062	4502.240	4513.564	4523.271	4555.626
23.5	4456.942	4474.738	4489.298	4499.004	4531.360
24.0	4427.823	4447.236	4461.796	4473.120	4505.475
24.5	4403.556	4419.734	4435.911	4445.618	4476.356
25.0	4376.054	4392.232	4410.027	4419.734	4450.471
25.5	4345.317	4364.730	4379.290	4393.850	4419.734
26.0	4316.197	4333.992	4353.405	4366.348	4395.467
26.5	4285.459	4303.255	4325.903	4337.228	4367.965

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**CANDELA TABULATION - (Cont.)**

27.0	4254.722	4270.899	4298.401	4312.961	4340.463
27.5	4219.131	4240.162	4267.664	4280.606	4312.961
28.0	4193.247	4209.424	4236.926	4251.486	4282.224
28.5	4159.274	4178.687	4206.189	4220.749	4251.486
29.0	4126.918	4146.332	4173.834	4191.629	4222.367
29.5	4092.945	4112.359	4141.478	4159.274	4190.011
30.0	4058.972	4080.003	4109.123	4131.772	4162.509
30.5	4023.381	4044.412	4078.385	4101.034	4130.154
31.0	3989.408	4010.439	4044.412	4068.679	4096.181
31.5	3953.818	3978.084	4012.057	4037.941	4067.061
32.0	3919.844	3940.875	3979.702	4003.968	4033.088
32.5	3882.636	3905.285	3945.729	3971.613	4000.733
33.0	3847.045	3871.312	3908.520	3939.258	3968.377
33.5	3813.072	3835.721	3876.165	3903.667	3934.404
34.0	3772.628	3798.512	3840.574	3871.312	3903.667
34.5	3735.419	3762.921	3806.601	3835.721	3868.076
35.0	3701.446	3724.095	3772.628	3803.365	3834.103
35.5	3657.767	3688.504	3735.419	3767.775	3798.512
36.0	3623.793	3649.678	3699.828	3732.184	3764.539
36.5	3581.732	3610.851	3662.620	3698.211	3732.184
37.0	3542.905	3573.643	3625.411	3661.002	3698.211
37.5	3502.461	3533.199	3589.820	3628.647	3661.002
38.0	3462.017	3494.372	3550.994	3591.438	3622.176
38.5	3419.955	3453.928	3513.785	3557.465	3586.585
39.0	3382.747	3413.484	3474.959	3520.257	3557.465
39.5	3340.685	3376.275	3437.751	3483.048	3518.639
40.0	3295.387	3334.214	3398.924	3449.075	3481.430
40.5	3253.325	3293.769	3361.716	3413.484	3445.839
41.0	3214.499	3253.325	3322.889	3376.275	3408.631
41.5	3172.437	3212.881	3284.063	3339.067	3373.040
42.0	3130.375	3172.437	3245.236	3303.476	3337.449
42.5	3089.931	3130.375	3204.792	3266.267	3300.240
43.0	3044.634	3089.931	3167.584	3230.677	3264.650
43.5	3005.807	3047.869	3127.140	3193.468	3229.059
44.0	2962.128	3005.807	3086.696	3157.877	3191.850
44.5	2921.683	2965.363	3046.251	3119.051	3154.642
45.0	2879.622	2923.301	3007.425	3085.078	3120.669
45.5	2837.560	2882.857	2968.599	3049.487	3085.078
46.0	2795.498	2840.795	2926.537	3010.661	3047.869
46.5	2753.436	2798.733	2890.946	2978.305	3012.278
47.0	2709.756	2758.289	2850.502	2939.479	2976.688
47.5	2667.694	2716.227	2810.058	2902.270	2939.479
48.0	2627.250	2674.165	2769.614	2868.297	2902.270
48.5	2581.953	2633.721	2732.405	2829.471	2866.679
49.0	2541.509	2590.042	2690.343	2792.262	2829.471
49.5	2499.447	2549.598	2651.517	2756.671	2793.880
50.0	2455.767	2507.536	2612.690	2717.845	2756.671
50.5	2415.323	2467.092	2572.246	2685.490	2722.698
51.0	2373.261	2425.030	2536.655	2648.281	2687.108
51.5	2332.817	2382.968	2496.211	2612.690	2651.517
52.0	2289.137	2342.524	2457.385	2575.482	2615.926
52.5	2247.076	2300.462	2420.176	2538.273	2581.953
53.0	2203.396	2260.018	2381.350	2505.918	2544.744
53.5	2161.334	2219.574	2344.141	2468.709	2510.771
54.0	2120.890	2179.129	2306.933	2433.118	2476.798
54.5	2082.063	2137.067	2269.724	2400.763	2442.825

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**CANDELA TABULATION - (Cont.)**

55.0	2041.619	2098.241	2232.516	2363.555	2412.088
55.5	2007.646	2057.797	2195.307	2329.582	2374.879
56.0	1968.820	2022.206	2159.716	2295.608	2340.906
56.5	1928.376	1984.998	2122.508	2261.635	2308.551
57.0	1889.549	1947.789	2086.917	2227.662	2274.578
57.5	1849.105	1908.963	2056.179	2195.307	2237.369
58.0	1808.661	1870.136	2020.588	2159.716	2209.867
58.5	1769.835	1831.310	1984.998	2128.979	2177.512
59.0	1731.008	1792.484	1951.025	2101.477	2143.539
59.5	1692.182	1755.275	1920.287	2067.504	2117.654
60.0	1653.356	1716.449	1886.314	2035.148	2085.299
60.5	1615.338	1679.240	1852.341	2004.411	2052.944
61.0	1577.159	1642.031	1818.368	1973.673	2022.206
61.5	1539.303	1605.146	1784.395	1942.936	1993.086
62.0	1502.095	1568.585	1752.039	1913.816	1962.349
62.5	1465.371	1532.347	1718.066	1884.696	1933.229
63.0	1428.163	1496.271	1685.711	1853.959	1907.345
63.5	1391.278	1460.680	1654.974	1824.839	1878.225
64.0	1355.363	1425.574	1622.618	1794.101	1849.105
64.5	1319.611	1391.278	1591.881	1764.982	1819.986
65.0	1284.182	1356.819	1560.981	1735.862	1792.484
65.5	1249.238	1323.170	1530.406	1706.742	1763.364
66.0	1213.809	1289.520	1500.153	1677.622	1735.862
66.5	1179.189	1256.680	1470.063	1650.120	1708.360
67.0	1145.378	1224.163	1440.134	1621.000	1680.858
67.5	1111.405	1192.131	1410.853	1593.822	1653.356
68.0	1077.917	1160.908	1381.733	1566.320	1627.472
68.5	1044.914	1129.847	1353.260	1539.627	1600.455
69.0	1012.074	1099.110	1325.111	1512.772	1574.894
69.5	979.718	1069.019	1297.286	1486.726	1549.495
70.0	947.525	1039.414	1269.945	1461.165	1524.258
70.5	916.140	1010.132	1242.605	1435.605	1499.345
71.0	885.079	981.174	1215.750	1410.367	1474.755
71.5	854.342	952.864	1189.543	1385.777	1450.488
72.0	824.251	924.391	1163.335	1361.349	1426.869
72.5	793.999	896.889	1137.774	1337.406	1403.411
73.0	764.556	869.549	1112.375	1313.787	1379.792
73.5	735.921	842.532	1087.785	1290.329	1356.819
74.0	707.610	816.324	1062.872	1267.681	1333.685
74.5	679.785	789.955	1039.090	1245.194	1311.846
75.0	652.121	764.232	1015.471	1223.192	1290.653
75.5	624.943	739.157	992.175	1201.352	1269.137
76.0	598.573	714.567	969.527	1179.674	1248.106
76.5	572.365	690.300	947.040	1158.481	1227.075
77.0	546.481	666.196	924.876	1137.451	1206.691
77.5	521.082	642.738	903.036	1117.067	1186.469
78.0	496.007	619.766	881.844	1097.006	1166.570
78.5	471.417	597.117	860.813	1076.784	1146.834
79.0	447.312	575.115	840.429	1057.209	1127.420
79.5	423.369	553.276	820.369	1038.120	1108.007
80.0	399.750	531.759	800.308	1019.192	1089.565
80.5	376.777	510.890	780.895	1000.102	1070.799
81.0	354.452	490.345	762.291	981.660	1052.518
81.5	331.804	470.284	743.687	963.379	1034.237
82.0	309.964	450.709	725.568	945.745	1016.603
82.5	288.609	431.458	707.772	928.112	999.293

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**CANDELA TABULATION - (Cont.)**

83.0	267.578	412.692	690.300	911.125	982.469
83.5	246.709	394.411	673.637	893.815	964.997
84.0	226.325	376.616	657.460	877.476	948.334
84.5	206.103	359.467	641.606	861.298	931.994
85.0	186.690	342.804	626.075	845.282	915.655
85.5	167.277	326.950	610.868	829.752	899.801
86.0	148.187	311.743	595.985	814.545	884.109
86.5	129.259	297.507	581.910	799.338	868.416
87.0	110.655	283.756	567.674	784.940	853.047
87.5	92.051	270.976	554.246	770.380	838.326
88.0	73.608	258.519	540.981	756.305	823.442
88.5	55.004	246.871	528.200	742.392	809.044
89.0	38.017	235.870	516.067	728.965	794.808
89.5	24.105	225.678	504.257	716.023	780.895
90.0	14.398	216.619	493.418	703.728	768.115
90.5	10.192	208.692	483.388	691.433	754.526
91.0	10.839	201.412	473.196	678.976	741.583
91.5	12.942	194.455	463.004	667.166	728.641
92.0	15.369	188.631	453.298	655.195	716.023
92.5	17.957	183.616	445.047	643.709	703.566
93.0	20.546	179.248	436.473	632.870	691.595
93.5	23.296	175.851	428.384	622.192	680.270
94.0	26.208	172.939	420.781	612.162	669.269
94.5	28.958	170.836	413.662	601.970	657.945
95.0	31.708	169.218	407.030	591.940	647.106
95.5	34.297	168.086	400.882	582.395	636.429
96.0	36.400	167.600	395.544	573.174	625.913
96.5	38.503	167.600	390.205	564.600	616.207
97.0	40.444	167.762	385.352	556.349	606.500
97.5	42.547	168.409	380.822	548.422	597.602
98.0	44.327	169.056	376.777	540.657	588.543
98.5	46.430	169.865	373.380	533.215	580.131
99.0	48.533	170.836	369.821	526.259	571.880
99.5	50.798	171.968	366.747	519.626	563.791
100.0	52.739	173.101	364.321	513.479	556.511
100.5	55.004	174.395	361.894	507.493	549.069
101.0	56.945	175.689	360.114	501.831	542.437
101.5	58.887	176.983	358.335	496.492	535.642
102.0	60.666	178.278	357.041	491.477	529.656
102.5	62.446	179.572	355.747	486.785	523.671
103.0	64.225	181.028	354.776	482.094	518.332
103.5	66.167	182.484	353.967	478.050	512.831
104.0	68.270	183.778	353.158	474.329	507.816
104.5	70.373	185.234	352.673	470.770	503.125
105.0	72.314	186.690	352.187	467.534	498.595
105.5	74.094	187.984	351.702	464.137	494.713
106.0	76.197	189.602	351.540	461.225	490.830
106.5	78.138	191.058	351.540	458.475	486.947
107.0	80.079	192.676	351.540	455.886	483.712
107.5	81.859	193.970	351.540	453.945	480.314
108.0	84.124	195.588	351.540	451.680	476.917
108.5	86.227	197.206	351.702	450.062	474.652
109.0	88.330	198.500	352.026	447.959	472.387
109.5	90.595	199.956	352.187	446.503	469.961
110.0	92.860	201.412	352.511	444.885	468.019
110.5	95.125	202.868	352.835	443.429	466.240

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**CANDELA TABULATION - (Cont.)**

111.0	97.389	204.324	352.996	442.135	464.299
111.5	99.654	205.618	353.158	441.165	462.681
112.0	102.081	207.074	353.482	440.194	460.739
112.5	104.508	208.530	353.805	439.061	458.960
113.0	107.096	209.986	354.291	438.253	458.151
113.5	109.523	211.280	354.291	437.444	457.019
114.0	112.111	212.574	354.614	436.797	455.886
114.5	114.538	214.030	354.938	435.988	454.916
115.0	117.126	215.163	355.261	435.502	454.107
115.5	119.715	216.619	355.261	435.017	453.298
116.0	122.141	217.913	355.747	434.370	452.327
116.5	124.406	219.207	356.070	433.723	452.004
117.0	126.995	220.663	356.394	433.723	451.195
117.5	129.421	221.796	356.717	433.076	450.709
118.0	131.524	222.928	357.041	432.752	450.062
118.5	133.951	224.060	357.203	432.267	449.900
119.0	136.054	225.193	357.526	431.781	448.930
119.5	138.319	226.002	357.850	431.296	448.768
120.0	140.422	226.811	357.688	430.973	447.959
120.5	142.525	227.781	357.850	430.325	447.797
121.0	144.628	228.428	358.173	429.840	447.150
121.5	146.893	229.237	358.011	429.193	446.827
122.0	148.996	230.208	358.011	428.869	446.341
122.5	151.099	231.179	358.173	428.222	445.209
123.0	153.202	232.149	358.011	427.575	445.047
123.5	155.144	232.958	357.688	427.090	444.076
124.0	156.761	233.605	357.688	426.605	443.915
124.5	158.379	234.252	357.688	425.796	443.268
125.0	159.997	235.061	357.364	424.987	442.620
125.5	161.615	235.547	357.041	424.502	441.812
126.0	163.071	236.194	356.879	423.531	441.165
126.5	164.365	237.003	356.555	422.884	440.679
127.0	165.821	237.326	356.232	422.075	440.032
127.5	166.953	237.811	355.747	421.266	438.900
128.0	168.409	237.811	355.585	420.295	438.253
128.5	169.542	238.135	354.938	419.486	437.605
129.0	170.674	238.459	354.291	418.678	436.797
129.5	171.645	238.944	353.158	417.383	435.826
130.0	172.454	239.267	352.026	416.574	434.855
130.5	173.263	239.591	350.731	415.604	433.723
131.0	173.748	240.076	349.437	414.148	432.590
131.5	174.395	240.562	348.143	412.854	431.458
132.0	175.042	241.047	346.687	412.045	430.487
132.5	175.366	241.209	345.069	410.427	429.031
133.0	175.851	241.371	344.422	408.971	427.252
133.5	176.013	241.209	343.451	407.839	426.443
134.0	176.175	240.885	342.804	406.544	425.310
134.5	176.660	240.238	341.996	405.088	423.207
135.0	177.145	239.753	341.025	403.147	421.590
135.5	176.983	238.459	340.216	401.853	420.295
136.0	177.307	238.297	339.084	400.235	418.678
136.5	177.631	237.811	338.275	398.456	417.060
137.0	177.792	237.003	336.980	397.000	415.280
137.5	177.954	236.194	335.848	395.058	413.662
138.0	178.278	235.708	334.230	393.440	411.721
138.5	178.278	235.061	332.127	391.661	410.265

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-930-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	178.116	234.576	329.700	389.558	408.000
139.5	178.116	233.929	326.789	387.293	406.383
140.0	178.116	233.120	323.553	385.190	404.118
140.5	178.116	232.635	320.641	382.601	401.691
141.0	178.116	232.311	317.405	379.851	399.750
141.5	178.116	231.664	314.170	377.425	397.808
142.0	177.954	231.340	311.096	374.351	395.705
142.5	177.792	230.855	307.861	371.601	393.279
143.0	177.631	230.370	304.787	369.012	390.852
143.5	177.631	229.723	301.228	366.262	388.587
144.0	177.631	228.914	298.154	364.159	385.999
144.5	178.116	228.267	295.080	361.732	383.734
145.0	178.763	227.620	291.683	359.629	381.145
145.5	179.895	226.811	288.609	357.526	378.557
146.0	181.351	226.164	285.697	355.261	376.130
146.5	182.807	225.516	283.271	352.835	373.380
147.0	184.263	224.708	280.520	350.408	370.630
147.5	185.558	224.384	278.417	347.981	367.880
148.0	187.014	223.737	276.152	345.231	364.968
148.5	188.308	223.575	274.373	342.643	362.056
149.0	189.926	223.575	272.432	340.054	359.467
149.5	191.058	224.060	270.652	337.304	356.232
150.0	192.352	224.384	268.873	334.716	352.835
150.5	193.485	224.546	266.931	331.804	349.275
151.0	194.294	225.031	264.343	328.892	345.069
151.5	195.102	225.193	261.593	325.818	341.187
152.0	196.073	225.516	259.004	322.582	337.304
152.5	197.044	225.840	256.578	319.185	333.098
153.0	197.691	226.002	253.989	315.302	329.700
153.5	198.500	226.487	251.239	311.258	325.818
154.0	199.147	226.325	248.812	306.728	322.582
154.5	199.956	226.487	246.709	302.360	319.347
155.0	200.279	226.811	244.606	297.345	316.920
155.5	200.926	226.972	242.503	292.654	314.332
156.0	201.412	226.972	241.047	287.639	312.067
156.5	202.221	226.972	239.591	282.624	309.155
157.0	202.544	227.296	238.135	278.094	306.405
157.5	203.030	227.296	237.164	273.726	303.331
158.0	203.677	227.134	236.679	269.196	300.419
158.5	203.838	227.134	236.032	265.475	297.022
159.0	204.647	226.649	235.547	261.916	294.110
159.5	205.294	226.325	234.738	258.519	290.874
160.0	206.103	226.002	233.929	255.769	287.639
160.5	207.074	225.840	233.282	253.180	284.565
161.0	207.721	225.355	233.120	250.430	281.491
161.5	208.692	225.193	232.796	247.680	279.226
162.0	209.501	224.869	233.282	245.415	277.285
162.5	210.309	224.869	233.605	242.988	275.020
163.0	211.280	224.708	233.767	240.400	273.079
163.5	212.089	224.708	234.091	237.650	270.652
164.0	212.413	224.708	234.414	234.252	268.387
164.5	212.898	224.384	234.091	231.664	265.475
165.0	213.383	224.384	233.605	229.076	262.563
165.5	213.869	224.222	233.120	227.296	259.489
166.0	214.354	224.060	232.796	225.355	254.798
166.5	214.839	224.060	232.311	223.737	252.533

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>167.0</b>	215.486	224.060	231.826	222.281	250.754
<b>167.5</b>	215.810	224.060	230.855	220.987	248.974
<b>168.0</b>	216.295	224.060	230.046	219.692	247.518
<b>168.5</b>	217.266	223.413	228.914	218.560	245.738
<b>169.0</b>	217.751	223.575	228.105	217.428	243.959
<b>169.5</b>	218.560	223.090	226.811	216.133	242.018
<b>170.0</b>	218.884	222.928	225.678	214.516	240.238
<b>170.5</b>	219.369	222.604	224.222	212.736	238.297
<b>171.0</b>	219.692	222.281	222.604	210.795	235.870
<b>171.5</b>	220.178	222.281	221.148	209.015	233.929
<b>172.0</b>	220.987	221.957	220.340	207.236	231.017
<b>172.5</b>	221.472	221.957	219.369	205.294	227.781
<b>173.0</b>	222.119	221.634	218.560	203.515	222.281
<b>173.5</b>	222.928	221.796	218.236	201.735	214.030
<b>174.0</b>	223.575	221.796	218.075	200.279	203.838
<b>174.5</b>	224.060	221.796	217.751	198.823	191.705
<b>175.0</b>	225.031	222.281	217.589	197.691	177.954
<b>175.5</b>	225.355	222.443	217.428	197.206	163.556
<b>176.0</b>	226.002	222.766	217.428	196.720	154.173
<b>176.5</b>	226.164	222.928	217.266	196.720	147.540
<b>177.0</b>	226.811	223.252	216.942	196.235	140.746
<b>177.5</b>	226.972	223.252	216.457	196.073	139.290
<b>178.0</b>	227.620	223.575	216.295	195.911	139.613
<b>178.5</b>	227.943	223.737	216.457	195.588	139.937
<b>179.0</b>	228.267	223.737	216.295	195.102	140.098
<b>179.5</b>	228.590	223.737	216.133	194.941	140.260
<b>180.0</b>	204.971	204.971	204.971	204.971	204.971



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-930-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1852.14	N.A.	11.70
0-30	3880.85	N.A.	24.50
0-40	6234.05	N.A.	39.40
0-60	10550.33	N.A.	66.70
0-80	13143.82	N.A.	83.10
0-90	13796.08	N.A.	87.30
10-90	13313.22	N.A.	84.20
20-40	4381.92	N.A.	27.70
20-50	6699.24	N.A.	42.40
40-70	5853.79	N.A.	37.00
60-80	2593.5	N.A.	16.40
70-80	1055.98	N.A.	6.70
80-90	652.26	N.A.	4.10
90-110	761.84	N.A.	4.80
90-120	1082.57	N.A.	6.80
90-130	1377.75	N.A.	8.70
90-150	1808.73	N.A.	11.40
90-180	2014.77	N.A.	12.70
110-180	1252.92	N.A.	7.90
0-180	15810.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	482.86
10-20	1369.28
20-30	2028.72
30-40	2353.2
40-50	2317.32
50-60	1998.95
60-70	1537.52
70-80	1055.98
80-90	652.26
90-100	417.91
100-110	343.94
110-120	320.73
120-130	295.18
130-140	248.05
140-150	182.93
150-160	119.61
160-170	65.90
170-180	20.53

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L200-930-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-L200-930-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

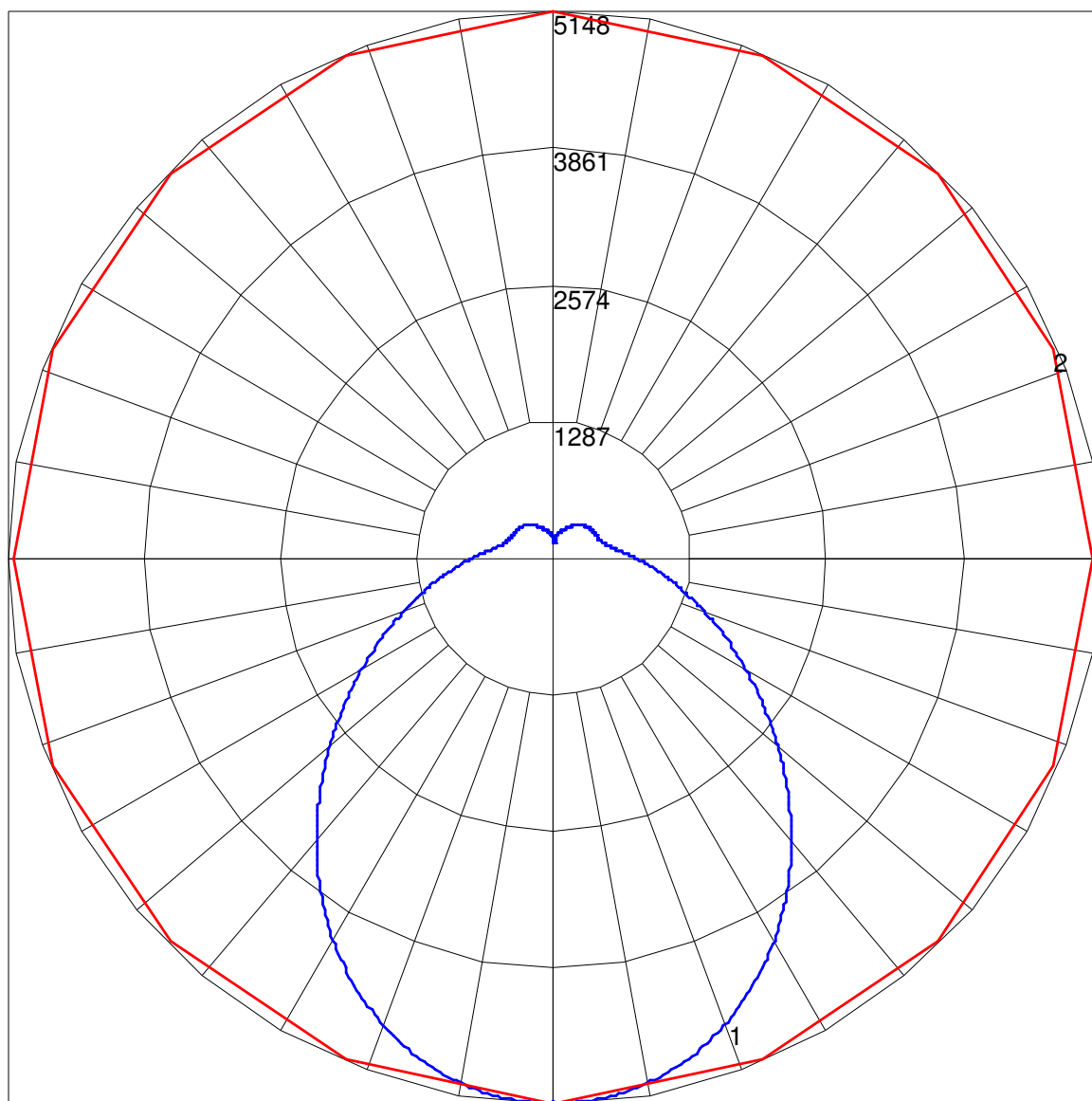
Reflectances

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 = 5147.728 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.)