

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-940-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-L200-940-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	16582
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	18342	16357	16089
55	15956	14035	14124
65	13515	12059	12588
75	11016	10590	11766
85	8651	10537	12431

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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	5366.602	5366.602	5366.602	5366.602	5366.602
0.5	5341.152	5361.512	5364.905	5363.209	5398.839
1.0	5341.152	5363.209	5363.209	5361.512	5397.142
1.5	5336.062	5363.209	5361.512	5359.815	5398.839
2.0	5334.365	5358.119	5361.512	5358.119	5393.749
2.5	5334.365	5358.119	5356.422	5356.422	5390.356
3.0	5329.275	5353.029	5353.029	5353.029	5386.962
3.5	5325.882	5347.939	5347.939	5349.635	5383.569
4.0	5322.488	5344.545	5344.545	5342.849	5380.176
4.5	5314.005	5339.455	5341.152	5339.455	5375.085
5.0	5308.915	5334.365	5334.365	5334.365	5369.995
5.5	5302.128	5327.578	5327.578	5329.275	5363.209
6.0	5298.735	5319.095	5320.792	5320.792	5356.422
6.5	5286.858	5312.308	5314.005	5314.005	5347.939
7.0	5280.071	5303.825	5305.522	5303.825	5341.152
7.5	5273.285	5293.645	5297.038	5297.038	5332.668
8.0	5264.801	5286.858	5286.858	5286.858	5320.792
8.5	5256.318	5274.981	5278.375	5278.375	5310.612
9.0	5242.744	5266.498	5268.195	5266.498	5298.735
9.5	5234.261	5254.621	5254.621	5254.621	5291.948
10.0	5220.688	5241.048	5241.048	5244.441	5278.375
10.5	5208.811	5229.171	5230.868	5230.868	5266.498
11.0	5196.934	5217.294	5218.991	5217.294	5252.924
11.5	5181.664	5203.721	5207.114	5203.721	5241.048
12.0	5168.090	5188.451	5191.844	5191.844	5225.778
12.5	5154.517	5173.180	5178.270	5174.877	5212.204
13.0	5139.247	5159.607	5163.000	5161.304	5196.934
13.5	5123.977	5142.640	5146.034	5146.034	5183.361
14.0	5105.313	5125.673	5129.067	5129.067	5164.697
14.5	5090.043	5108.707	5112.100	5112.100	5151.124
15.0	5074.773	5091.740	5093.436	5093.436	5130.763
15.5	5056.109	5071.380	5076.470	5076.470	5110.403
16.0	5035.749	5052.716	5057.806	5057.806	5093.436
16.5	5018.782	5032.356	5037.446	5039.143	5074.773
17.0	4995.029	5010.299	5017.086	5018.782	5054.413
17.5	4974.669	4989.939	4996.726	4998.422	5034.053
18.0	4956.005	4969.579	4974.669	4979.759	5015.389
18.5	4933.948	4949.219	4954.309	4957.702	4993.332
19.0	4911.892	4923.768	4932.252	4935.645	4969.579
19.5	4886.441	4903.408	4910.195	4916.982	4947.522
20.0	4859.294	4877.958	4886.441	4891.531	4923.768
20.5	4832.148	4855.901	4862.688	4869.475	4901.711
21.0	4810.091	4828.754	4833.844	4847.418	4877.958
21.5	4784.640	4803.304	4811.787	4818.574	4852.508
22.0	4757.494	4779.550	4788.034	4794.821	4830.451
22.5	4733.740	4749.010	4760.887	4771.067	4805.001
23.0	4704.896	4721.863	4733.740	4743.920	4777.854
23.5	4674.356	4693.020	4708.290	4718.470	4752.404
24.0	4643.816	4664.176	4679.446	4691.323	4725.257
24.5	4618.366	4635.333	4652.299	4662.479	4694.716
25.0	4589.522	4606.489	4625.152	4635.333	4667.569
25.5	4557.285	4577.645	4592.916	4608.186	4635.333
26.0	4526.745	4545.408	4565.769	4579.342	4609.882
26.5	4494.508	4513.172	4536.925	4548.802	4581.039

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CANDELA TABULATION - (Cont.)

27.0	4462.271	4479.238	4508.081	4523.352	4552.195
27.5	4424.944	4447.001	4475.845	4489.418	4523.352
28.0	4397.797	4414.764	4443.608	4458.878	4491.115
28.5	4362.167	4382.527	4411.371	4426.641	4458.878
29.0	4328.233	4348.593	4377.437	4396.101	4428.337
29.5	4292.603	4312.963	4343.503	4362.167	4394.404
30.0	4256.973	4279.030	4309.570	4333.323	4365.560
30.5	4219.646	4241.703	4277.333	4301.086	4331.627
31.0	4184.015	4206.072	4241.703	4267.153	4295.996
31.5	4146.688	4172.139	4207.769	4234.916	4265.456
32.0	4111.058	4133.115	4173.835	4199.286	4229.826
32.5	4072.034	4095.788	4138.205	4165.352	4195.892
33.0	4034.707	4060.158	4099.181	4131.418	4161.959
33.5	3999.077	4022.831	4065.248	4094.091	4126.328
34.0	3956.660	3983.807	4027.921	4060.158	4094.091
34.5	3917.636	3946.480	3992.290	4022.831	4056.764
35.0	3882.006	3905.760	3956.660	3988.897	4021.134
35.5	3836.196	3868.433	3917.636	3951.570	3983.807
36.0	3800.565	3827.712	3880.309	3914.243	3948.177
36.5	3756.452	3786.992	3841.286	3878.613	3914.243
37.0	3715.731	3747.968	3802.262	3839.589	3878.613
37.5	3673.314	3705.551	3764.935	3805.656	3839.589
38.0	3630.897	3664.831	3724.215	3766.632	3798.869
38.5	3586.784	3622.414	3685.191	3731.002	3761.542
39.0	3547.760	3579.997	3644.471	3691.978	3731.002
39.5	3503.646	3540.973	3605.447	3652.954	3690.281
40.0	3456.139	3496.860	3564.727	3617.324	3651.258
40.5	3412.026	3454.443	3525.703	3579.997	3613.931
41.0	3371.305	3412.026	3484.983	3540.973	3574.907
41.5	3327.191	3369.609	3444.262	3501.950	3537.580
42.0	3283.078	3327.191	3403.542	3464.623	3500.253
42.5	3240.661	3283.078	3361.125	3425.599	3461.229
43.0	3193.154	3240.661	3322.101	3388.272	3423.902
43.5	3152.433	3196.547	3279.684	3349.248	3386.575
44.0	3106.623	3152.433	3237.267	3311.921	3347.552
44.5	3064.206	3110.016	3194.850	3271.201	3308.528
45.0	3020.092	3065.903	3154.130	3235.571	3272.898
45.5	2975.979	3023.486	3113.410	3198.244	3235.571
46.0	2931.865	2979.372	3069.296	3157.523	3196.547
46.5	2887.751	2935.258	3031.969	3123.590	3159.220
47.0	2841.941	2892.841	2989.552	3082.869	3121.893
47.5	2797.827	2848.727	2947.135	3043.846	3082.869
48.0	2755.410	2804.614	2904.718	3008.215	3043.846
48.5	2707.903	2762.197	2865.694	2967.495	3006.519
49.0	2665.486	2716.386	2821.581	2928.471	2967.495
49.5	2621.372	2673.969	2780.860	2891.144	2930.168
50.0	2575.562	2629.856	2740.140	2850.424	2891.144
50.5	2533.145	2587.439	2697.723	2816.490	2855.514
51.0	2489.031	2543.325	2660.396	2777.467	2818.187
51.5	2446.614	2499.211	2617.979	2740.140	2780.860
52.0	2400.804	2456.794	2577.258	2701.116	2743.533
52.5	2356.690	2412.680	2538.235	2662.093	2707.903
53.0	2310.880	2370.263	2497.514	2628.159	2668.879
53.5	2266.766	2327.846	2458.491	2589.135	2633.249
54.0	2224.349	2285.429	2419.467	2551.808	2597.619
54.5	2183.628	2241.316	2380.443	2517.875	2561.988

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55.0	2141.211	2200.595	2341.420	2478.851	2529.751
55.5	2105.581	2158.178	2302.396	2443.221	2490.728
56.0	2064.861	2120.851	2265.069	2407.590	2455.097
56.5	2022.444	2081.828	2226.046	2371.960	2421.164
57.0	1981.723	2042.804	2188.719	2336.330	2385.534
57.5	1939.306	2002.084	2156.482	2302.396	2346.510
58.0	1896.889	1961.363	2119.155	2265.069	2317.666
58.5	1856.169	1920.643	2081.828	2232.832	2283.733
59.0	1815.449	1879.923	2046.197	2203.989	2248.102
59.5	1774.728	1840.899	2013.960	2168.358	2220.955
60.0	1734.008	1800.179	1978.330	2134.425	2187.022
60.5	1694.136	1761.155	1942.700	2102.188	2153.088
61.0	1654.094	1722.131	1907.069	2069.951	2120.851
61.5	1614.392	1683.447	1871.439	2037.714	2090.311
62.0	1575.368	1645.102	1837.506	2007.174	2058.074
62.5	1536.854	1607.096	1801.875	1976.633	2027.534
63.0	1497.830	1569.260	1767.942	1944.396	2000.387
63.5	1459.146	1531.933	1735.705	1913.856	1969.847
64.0	1421.479	1495.115	1701.771	1881.619	1939.306
64.5	1383.983	1459.146	1669.534	1851.079	1908.766
65.0	1346.825	1423.006	1637.128	1820.539	1879.923
65.5	1310.177	1387.715	1605.060	1789.998	1849.382
66.0	1273.020	1352.424	1573.332	1759.458	1820.539
66.5	1236.711	1317.982	1541.774	1730.615	1791.695
67.0	1201.250	1283.879	1510.385	1700.074	1762.852
67.5	1165.620	1250.284	1479.676	1671.570	1734.008
68.0	1130.499	1217.538	1449.135	1642.727	1706.861
68.5	1095.886	1184.962	1419.274	1614.731	1678.527
69.0	1061.444	1152.725	1389.751	1586.566	1651.719
69.5	1027.510	1121.167	1360.569	1559.250	1625.081
70.0	993.746	1090.118	1331.895	1532.442	1598.613
70.5	960.830	1059.408	1303.221	1505.635	1572.484
71.0	928.254	1029.037	1275.056	1479.167	1546.694
71.5	896.017	999.345	1247.570	1453.377	1521.244
72.0	864.459	969.484	1220.083	1427.757	1496.473
72.5	832.731	940.640	1193.276	1402.646	1471.871
73.0	801.851	911.966	1166.638	1377.875	1447.099
73.5	771.820	883.631	1140.848	1353.273	1423.006
74.0	742.128	856.145	1114.719	1329.519	1398.744
74.5	712.945	828.489	1089.778	1305.935	1375.839
75.0	683.932	801.512	1065.007	1282.861	1353.612
75.5	655.428	775.214	1040.574	1259.955	1331.046
76.0	627.772	749.424	1016.821	1237.220	1308.989
76.5	600.286	723.974	993.237	1214.993	1286.933
77.0	573.139	698.693	969.993	1192.936	1265.554
77.5	546.501	674.091	947.087	1171.558	1244.346
78.0	520.202	649.998	924.861	1150.519	1223.477
78.5	494.413	626.245	902.804	1129.311	1202.777
79.0	469.132	603.170	881.426	1108.781	1182.417
79.5	444.021	580.265	860.387	1088.760	1162.057
80.0	419.250	557.699	839.348	1068.909	1142.715
80.5	395.157	535.812	818.988	1048.888	1123.033
81.0	371.743	514.264	799.476	1029.546	1103.861
81.5	347.989	493.225	779.964	1010.374	1084.688
82.0	325.084	472.695	760.961	991.880	1066.194
82.5	302.688	452.505	742.298	973.386	1048.040

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83.0	280.631	432.823	723.974	955.571	1030.394
83.5	258.744	413.651	706.498	937.416	1012.070
84.0	237.366	394.987	689.531	920.280	994.594
84.5	216.157	377.003	672.904	903.313	977.458
85.0	195.797	359.527	656.616	886.516	960.321
85.5	175.437	342.899	640.667	870.228	943.694
86.0	155.416	326.950	625.057	854.279	927.236
86.5	135.565	312.020	610.296	838.330	910.778
87.0	116.053	297.598	595.365	823.230	894.660
87.5	96.541	284.194	581.283	807.960	879.220
88.0	77.199	271.130	567.370	793.198	863.611
88.5	57.687	258.914	553.966	778.607	848.510
89.0	39.872	247.376	541.241	764.524	833.579
89.5	25.281	236.687	528.855	750.951	818.988
90.0	15.100	227.186	517.488	738.056	805.584
90.5	10.689	218.872	506.968	725.161	791.332
91.0	11.368	211.237	496.279	712.097	777.759
91.5	13.573	203.941	485.590	699.711	764.185
92.0	16.118	197.833	475.410	687.156	750.951
92.5	18.833	192.573	466.757	675.109	737.887
93.0	21.548	187.992	457.765	663.742	725.331
93.5	24.432	184.429	449.281	652.544	713.454
94.0	27.486	181.375	441.307	642.024	701.917
94.5	30.371	179.170	433.841	631.335	690.040
95.0	33.255	177.473	426.885	620.816	678.672
95.5	35.970	176.285	420.438	610.805	667.474
96.0	38.175	175.776	414.839	601.134	656.446
96.5	40.381	175.776	409.239	592.142	646.266
97.0	42.417	175.946	404.149	583.489	636.086
97.5	44.623	176.624	399.399	575.175	626.754
98.0	46.489	177.303	395.157	567.031	617.253
98.5	48.695	178.152	391.594	559.226	608.430
99.0	50.900	179.170	387.861	551.930	599.777
99.5	53.276	180.357	384.638	544.974	591.293
100.0	55.312	181.545	382.093	538.527	583.658
100.5	57.687	182.902	379.548	532.249	575.854
101.0	59.723	184.260	377.681	526.310	568.897
101.5	61.759	185.617	375.815	520.711	561.771
102.0	63.626	186.974	374.458	515.452	555.493
102.5	65.492	188.332	373.100	510.531	549.216
103.0	67.358	189.859	372.082	505.611	543.617
103.5	69.394	191.386	371.234	501.369	537.848
104.0	71.600	192.743	370.385	497.467	532.588
104.5	73.806	194.270	369.876	493.734	527.668
105.0	75.842	195.797	369.367	490.341	522.917
105.5	77.708	197.154	368.858	486.778	518.845
106.0	79.914	198.851	368.689	483.724	514.773
106.5	81.950	200.378	368.689	480.839	510.701
107.0	83.986	202.075	368.689	478.125	507.308
107.5	85.852	203.432	368.689	476.089	503.745
108.0	88.227	205.129	368.689	473.713	500.182
108.5	90.433	206.825	368.858	472.017	497.806
109.0	92.639	208.183	369.198	469.811	495.431
109.5	95.014	209.710	369.367	468.284	492.886
110.0	97.389	211.237	369.707	466.587	490.850
110.5	99.765	212.764	370.046	465.060	488.983

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CANDELA TABULATION - (Cont.)

111.0	102.140	214.291	370.216	463.703	486.947
111.5	104.516	215.648	370.385	462.685	485.251
112.0	107.061	217.175	370.725	461.667	483.215
112.5	109.606	218.702	371.064	460.479	481.348
113.0	112.320	220.229	371.573	459.631	480.500
113.5	114.865	221.587	371.573	458.783	479.312
114.0	117.580	222.944	371.912	458.104	478.125
114.5	120.125	224.471	372.252	457.256	477.107
115.0	122.840	225.659	372.591	456.747	476.258
115.5	125.554	227.186	372.591	456.238	475.410
116.0	128.099	228.543	373.100	455.559	474.392
116.5	130.475	229.900	373.439	454.880	474.053
117.0	133.189	231.427	373.779	454.880	473.204
117.5	135.734	232.615	374.118	454.202	472.695
118.0	137.940	233.803	374.458	453.862	472.017
118.5	140.485	234.990	374.627	453.353	471.847
119.0	142.691	236.178	374.967	452.844	470.829
119.5	145.066	237.026	375.306	452.335	470.659
120.0	147.272	237.875	375.136	451.996	469.811
120.5	149.478	238.893	375.306	451.317	469.641
121.0	151.683	239.571	375.645	450.808	468.963
121.5	154.059	240.420	375.476	450.129	468.623
122.0	156.264	241.438	375.476	449.790	468.114
122.5	158.470	242.456	375.645	449.111	466.927
123.0	160.676	243.474	375.476	448.433	466.757
123.5	162.712	244.322	375.136	447.924	465.739
124.0	164.408	245.001	375.136	447.415	465.569
124.5	166.105	245.679	375.136	446.566	464.891
125.0	167.802	246.528	374.797	445.718	464.212
125.5	169.498	247.037	374.458	445.209	463.364
126.0	171.025	247.715	374.288	444.191	462.685
126.5	172.383	248.564	373.948	443.512	462.176
127.0	173.910	248.903	373.609	442.664	461.497
127.5	175.097	249.412	373.100	441.816	460.310
128.0	176.624	249.412	372.930	440.798	459.631
128.5	177.812	249.751	372.252	439.949	458.952
129.0	179.000	250.091	371.573	439.101	458.104
129.5	180.018	250.600	370.385	437.744	457.086
130.0	180.866	250.939	369.198	436.895	456.068
130.5	181.715	251.278	367.840	435.877	454.880
131.0	182.224	251.787	366.483	434.350	453.693
131.5	182.902	252.296	365.126	432.993	452.505
132.0	183.581	252.805	363.599	432.145	451.487
132.5	183.920	252.975	361.902	430.448	449.960
133.0	184.429	253.145	361.223	428.921	448.093
133.5	184.599	252.975	360.205	427.733	447.245
134.0	184.769	252.636	359.527	426.376	446.057
134.5	185.278	251.957	358.678	424.849	443.852
135.0	185.787	251.448	357.660	422.813	442.155
135.5	185.617	250.091	356.812	421.456	440.798
136.0	185.956	249.921	355.624	419.759	439.101
136.5	186.296	249.412	354.776	417.893	437.404
137.0	186.465	248.564	353.419	416.366	435.538
137.5	186.635	247.715	352.231	414.330	433.841
138.0	186.974	247.206	350.534	412.633	431.805
138.5	186.974	246.528	348.329	410.766	430.278

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	186.805	246.019	345.784	408.561	427.903
139.5	186.805	245.340	342.730	406.185	426.206
140.0	186.805	244.492	339.336	403.980	423.831
140.5	186.805	243.983	336.282	401.265	421.286
141.0	186.805	243.643	332.889	398.381	419.250
141.5	186.805	242.965	329.495	395.836	417.214
142.0	186.635	242.625	326.272	392.612	415.008
142.5	186.465	242.116	322.878	389.728	412.463
143.0	186.296	241.607	319.655	387.013	409.918
143.5	186.296	240.929	315.922	384.129	407.543
144.0	186.296	240.080	312.698	381.923	404.828
144.5	186.805	239.402	309.475	379.378	402.453
145.0	187.483	238.723	305.912	377.172	399.738
145.5	188.671	237.875	302.688	374.967	397.023
146.0	190.198	237.196	299.634	372.591	394.478
146.5	191.725	236.517	297.089	370.046	391.594
147.0	193.252	235.669	294.204	367.501	388.710
147.5	194.609	235.330	291.999	364.956	385.825
148.0	196.136	234.651	289.623	362.072	382.771
148.5	197.494	234.481	287.757	359.357	379.717
149.0	199.190	234.481	285.721	356.642	377.003
149.5	200.378	234.990	283.855	353.758	373.609
150.0	201.735	235.330	281.988	351.043	370.046
150.5	202.923	235.499	279.952	347.989	366.313
151.0	203.771	236.008	277.238	344.935	361.902
151.5	204.620	236.178	274.353	341.712	357.830
152.0	205.638	236.517	271.639	338.318	353.758
152.5	206.656	236.857	269.094	334.755	349.347
153.0	207.334	237.026	266.379	330.683	345.784
153.5	208.183	237.535	263.495	326.441	341.712
154.0	208.861	237.366	260.950	321.691	338.318
154.5	209.710	237.535	258.744	317.110	334.925
155.0	210.049	237.875	256.538	311.850	332.380
155.5	210.728	238.044	254.332	306.930	329.665
156.0	211.237	238.044	252.805	301.670	327.290
156.5	212.085	238.044	251.278	296.410	324.236
157.0	212.424	238.384	249.751	291.659	321.351
157.5	212.933	238.384	248.733	287.078	318.128
158.0	213.612	238.214	248.224	282.328	315.074
158.5	213.782	238.214	247.546	278.425	311.511
159.0	214.630	237.705	247.037	274.693	308.457
159.5	215.309	237.366	246.188	271.130	305.063
160.0	216.157	237.026	245.340	268.245	301.670
160.5	217.175	236.857	244.661	265.531	298.446
161.0	217.854	236.348	244.492	262.646	295.222
161.5	218.872	236.178	244.152	259.762	292.847
162.0	219.720	235.839	244.661	257.387	290.811
162.5	220.569	235.839	245.001	254.841	288.436
163.0	221.587	235.669	245.170	252.127	286.400
163.5	222.435	235.669	245.510	249.242	283.855
164.0	222.774	235.669	245.849	245.679	281.479
164.5	223.283	235.330	245.510	242.965	278.425
165.0	223.792	235.330	245.001	240.250	275.371
165.5	224.301	235.160	244.492	238.384	272.148
166.0	224.810	234.990	244.152	236.348	267.227
166.5	225.319	234.990	243.643	234.651	264.852

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	225.998	234.990	243.134	233.124	262.986
167.5	226.337	234.990	242.116	231.767	261.119
168.0	226.846	234.990	241.268	230.409	259.592
168.5	227.864	234.312	240.080	229.222	257.726
169.0	228.373	234.481	239.232	228.034	255.859
169.5	229.222	233.972	237.875	226.677	253.823
170.0	229.561	233.803	236.687	224.980	251.957
170.5	230.070	233.463	235.160	223.114	249.921
171.0	230.409	233.124	233.463	221.078	247.376
171.5	230.918	233.124	231.936	219.211	245.340
172.0	231.767	232.785	231.088	217.345	242.286
172.5	232.276	232.785	230.070	215.309	238.893
173.0	232.954	232.445	229.222	213.442	233.124
173.5	233.803	232.615	228.882	211.576	224.471
174.0	234.481	232.615	228.713	210.049	213.782
174.5	234.990	232.615	228.373	208.522	201.057
175.0	236.008	233.124	228.204	207.334	186.635
175.5	236.348	233.294	228.034	206.825	171.534
176.0	237.026	233.633	228.034	206.316	161.694
176.5	237.196	233.803	227.864	206.316	154.737
177.0	237.875	234.142	227.525	205.807	147.611
177.5	238.044	234.142	227.016	205.638	146.084
178.0	238.723	234.481	226.846	205.468	146.424
178.5	239.062	234.651	227.016	205.129	146.763
179.0	239.402	234.651	226.846	204.620	146.933
179.5	239.741	234.651	226.677	204.450	147.102
180.0	214.969	214.969	214.969	214.969	214.969

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1942.49	N.A.	11.70
0-30	4070.17	N.A.	24.50
0-40	6538.16	N.A.	39.40
0-60	11064.98	N.A.	66.70
0-80	13784.99	N.A.	83.10
0-90	14469.07	N.A.	87.30
10-90	13962.65	N.A.	84.20
20-40	4595.67	N.A.	27.70
20-50	7026.04	N.A.	42.40
40-70	6139.34	N.A.	37.00
60-80	2720.01	N.A.	16.40
70-80	1107.49	N.A.	6.70
80-90	684.08	N.A.	4.10
90-110	799.01	N.A.	4.80
90-120	1135.38	N.A.	6.80
90-130	1444.96	N.A.	8.70
90-150	1896.96	N.A.	11.40
90-180	2113.05	N.A.	12.70
110-180	1314.04	N.A.	7.90
0-180	16582.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	506.41
10-20	1436.07
20-30	2127.68
30-40	2467.99
40-50	2430.36
50-60	2096.46
60-70	1612.52
70-80	1107.49
80-90	684.08
90-100	438.29
100-110	360.71
110-120	336.37
120-130	309.58
130-140	260.15
140-150	191.85
150-160	125.44
160-170	69.11
170-180	21.53

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-940-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-L200-940-DIM-UNV_.IES

UGR TABLE - CORRECTED

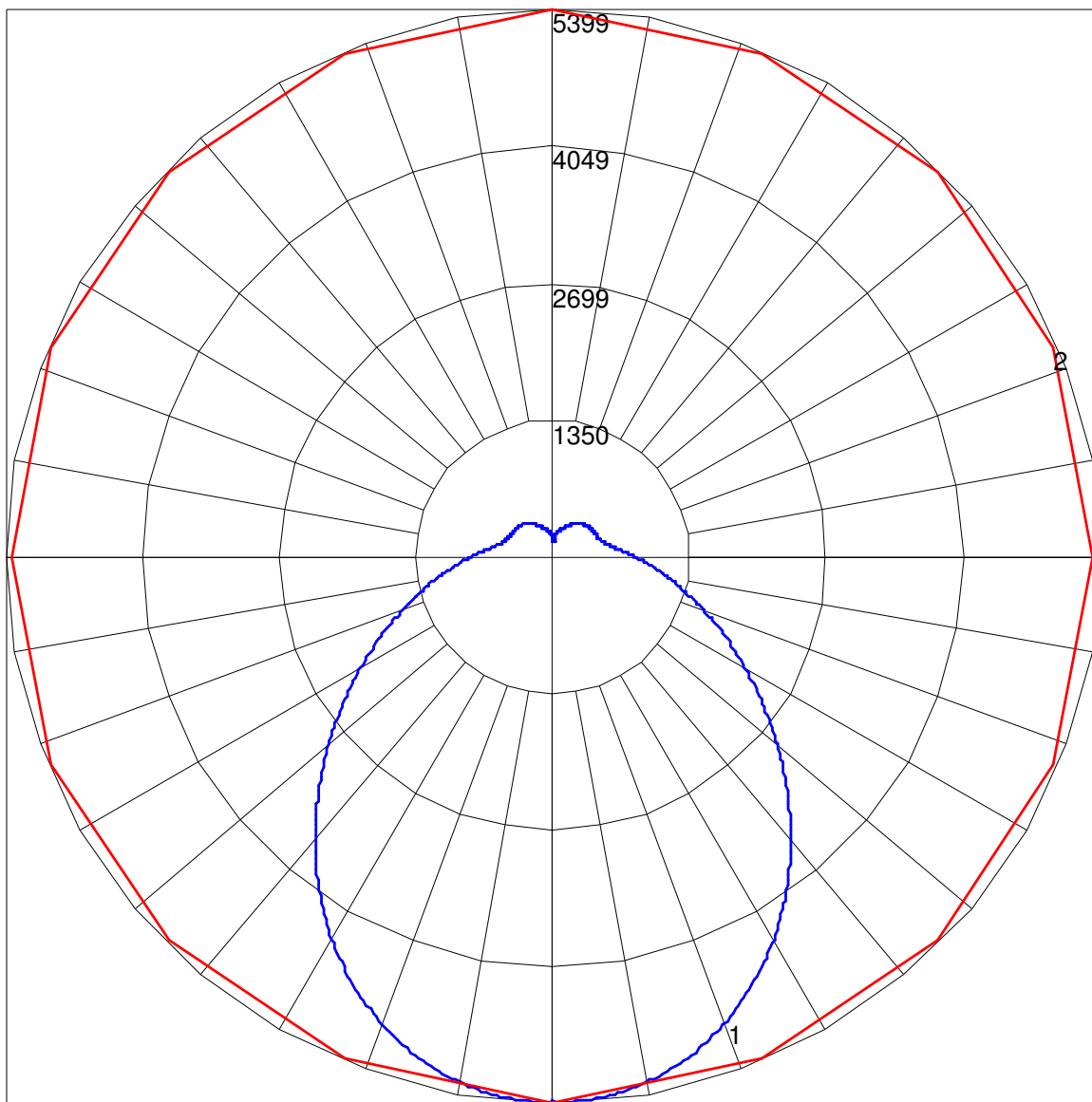
Reflectances

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	19.2	20.6	19.7	21.1	21.7	20.9	22.3	21.5	22.8	23.4
	3H	20.6	21.8	21.1	22.4	23.0	23.1	24.4	23.7	24.9	25.6
	4H	21.0	22.2	21.6	22.7	23.4	24.2	25.4	24.8	25.9	26.6
	6H	21.3	22.4	21.9	23.0	23.7	25.3	26.4	25.9	27.0	27.7
	8H	21.4	22.4	22.0	23.0	23.7	26.0	27.0	26.6	27.6	28.3
	12H	21.4	22.4	22.0	23.0	23.7	26.7	27.6	27.3	28.3	29.0
4H	2H	19.9	21.1	20.5	21.7	22.4	21.3	22.5	21.9	23.1	23.7
	3H	21.5	22.5	22.1	23.1	23.8	23.8	24.7	24.4	25.4	26.1
	4H	22.1	23.0	22.7	23.6	24.4	25.0	25.9	25.6	26.5	27.3
	6H	22.5	23.3	23.2	24.0	24.7	26.4	27.1	27.0	27.8	28.5
	8H	22.6	23.4	23.3	24.0	24.8	27.1	27.8	27.7	28.5	29.2
	12H	22.7	23.4	23.4	24.1	24.8	27.9	28.6	28.6	29.3	30.0
8H	4H	22.7	23.4	23.3	24.1	24.8	25.2	25.9	25.9	26.6	27.4
	6H	23.3	23.9	23.9	24.6	25.3	26.7	27.4	27.4	28.1	28.8
	8H	23.5	24.0	24.2	24.7	25.5	27.6	28.2	28.3	28.9	29.6
	12H	23.6	24.1	24.3	24.8	25.6	28.6	29.1	29.3	29.8	30.6
12H	4H	22.9	23.5	23.5	24.2	25.0	25.2	25.9	25.9	26.6	27.3
	6H	23.5	24.1	24.2	24.8	25.6	26.8	27.3	27.5	28.0	28.8
	8H	23.8	24.3	24.5	25.0	25.8	27.7	28.2	28.4	28.9	29.7

Maximum UGR = 30.6

POLAR GRAPH



Maximum Candela = 5398.839 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.)