

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L200-927-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-L200-927-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	15425
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	17062	15216	14966
55	14843	13056	13139
65	12572	11218	11709
75	10247	9851	10945
85	8048	9802	11564

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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	4992.188	4992.188	4992.188	4992.188	4992.188
0.5	4968.514	4987.453	4990.610	4989.032	5022.176
1.0	4968.514	4989.032	4989.032	4987.453	5020.598
1.5	4963.779	4989.032	4987.453	4985.875	5022.176
2.0	4962.200	4984.297	4987.453	4984.297	5017.441
2.5	4962.200	4984.297	4982.718	4982.718	5014.284
3.0	4957.465	4979.562	4979.562	4979.562	5011.128
3.5	4954.309	4974.827	4974.827	4976.405	5007.971
4.0	4951.152	4971.670	4971.670	4970.092	5004.815
4.5	4943.261	4966.935	4968.514	4966.935	5000.080
5.0	4938.526	4962.200	4962.200	4962.200	4995.345
5.5	4932.212	4955.887	4955.887	4957.465	4989.032
6.0	4929.056	4947.996	4949.574	4949.574	4982.718
6.5	4918.008	4941.682	4943.261	4943.261	4974.827
7.0	4911.694	4933.791	4935.369	4933.791	4968.514
7.5	4905.381	4924.321	4927.478	4927.478	4960.622
8.0	4897.490	4918.008	4918.008	4918.008	4949.574
8.5	4889.598	4906.960	4910.116	4910.116	4940.104
9.0	4876.972	4899.068	4900.646	4899.068	4929.056
9.5	4869.080	4888.020	4888.020	4888.020	4922.743
10.0	4856.454	4875.393	4875.393	4878.550	4910.116
10.5	4845.406	4864.345	4865.924	4865.924	4899.068
11.0	4834.357	4853.297	4854.875	4853.297	4886.442
11.5	4820.153	4840.671	4843.827	4840.671	4875.393
12.0	4807.526	4826.466	4829.622	4829.622	4861.189
12.5	4794.900	4812.261	4816.996	4813.839	4848.562
13.0	4780.695	4799.635	4802.791	4801.213	4834.357
13.5	4766.490	4783.852	4787.008	4787.008	4821.731
14.0	4749.129	4768.068	4771.225	4771.225	4804.370
14.5	4734.924	4752.285	4755.442	4755.442	4791.743
15.0	4720.719	4736.502	4738.081	4738.081	4772.803
15.5	4703.358	4717.563	4722.297	4722.297	4753.864
16.0	4684.418	4700.201	4704.936	4704.936	4738.081
16.5	4668.635	4681.261	4685.996	4687.575	4720.719
17.0	4646.539	4660.743	4667.057	4668.635	4701.779
17.5	4627.599	4641.804	4648.117	4649.695	4682.840
18.0	4610.238	4622.864	4627.599	4632.334	4665.478
18.5	4589.720	4603.924	4608.659	4611.816	4644.960
19.0	4569.202	4580.250	4588.141	4591.298	4622.864
19.5	4545.527	4561.310	4567.623	4573.937	4602.346
20.0	4520.274	4537.635	4545.527	4550.262	4580.250
20.5	4495.021	4517.117	4523.431	4529.744	4559.732
21.0	4474.503	4491.865	4496.599	4509.226	4537.635
21.5	4450.829	4468.190	4476.081	4482.395	4513.961
22.0	4425.576	4446.094	4453.985	4460.298	4493.443
22.5	4403.479	4417.684	4428.732	4438.202	4469.768
23.0	4376.648	4392.431	4403.479	4412.949	4444.515
23.5	4348.239	4365.600	4379.805	4389.275	4420.841
24.0	4319.829	4338.769	4352.973	4364.022	4395.588
24.5	4296.154	4311.937	4327.720	4337.190	4367.178
25.0	4269.323	4285.106	4302.468	4311.937	4341.925
25.5	4239.335	4258.275	4272.480	4286.684	4311.937
26.0	4210.926	4228.287	4247.227	4259.853	4288.263
26.5	4180.938	4198.299	4220.396	4231.444	4261.432

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CANDELA TABULATION - (Cont.)

27.0	4150.950	4166.733	4193.564	4207.769	4234.600
27.5	4116.227	4136.745	4163.576	4176.203	4207.769
28.0	4090.974	4106.757	4133.589	4147.793	4177.781
28.5	4057.830	4076.770	4103.601	4117.806	4147.793
29.0	4026.264	4045.203	4072.035	4089.396	4119.384
29.5	3993.119	4012.059	4040.468	4057.830	4087.818
30.0	3959.975	3980.493	4008.902	4030.999	4060.986
30.5	3925.252	3945.770	3978.914	4001.011	4029.420
31.0	3892.107	3912.625	3945.770	3969.445	3996.276
31.5	3857.385	3881.059	3914.204	3939.457	3967.866
32.0	3824.240	3844.758	3882.638	3906.312	3934.722
32.5	3787.939	3810.035	3849.493	3874.746	3903.156
33.0	3753.216	3776.891	3813.192	3843.180	3871.589
33.5	3720.072	3742.168	3781.626	3808.457	3838.445
34.0	3680.614	3705.867	3746.903	3776.891	3808.457
34.5	3644.313	3671.144	3713.759	3742.168	3773.734
35.0	3611.169	3633.265	3680.614	3710.602	3740.590
35.5	3568.554	3598.542	3644.313	3675.879	3705.867
36.0	3535.410	3560.663	3609.590	3641.157	3672.723
36.5	3494.374	3522.783	3573.289	3608.012	3641.157
37.0	3456.494	3486.482	3536.988	3571.711	3608.012
37.5	3417.037	3447.025	3502.265	3540.145	3571.711
38.0	3377.579	3409.145	3464.386	3503.844	3533.832
38.5	3336.543	3369.688	3428.085	3470.699	3499.109
39.0	3300.242	3330.230	3390.206	3434.398	3470.699
39.5	3259.206	3293.929	3353.904	3398.097	3432.820
40.0	3215.013	3252.893	3316.025	3364.953	3396.519
40.5	3173.977	3213.435	3279.724	3330.230	3361.796
41.0	3136.098	3173.977	3241.845	3293.929	3325.495
41.5	3095.062	3134.520	3203.965	3257.628	3290.772
42.0	3054.026	3095.062	3166.086	3222.905	3256.049
42.5	3014.568	3054.026	3126.628	3186.604	3219.748
43.0	2970.376	3014.568	3090.327	3151.881	3185.026
43.5	2932.496	2973.532	3050.869	3115.580	3150.303
44.0	2889.882	2932.496	3011.412	3080.857	3114.002
44.5	2850.424	2893.039	2971.954	3042.978	3077.701
45.0	2809.388	2852.003	2934.075	3009.833	3044.556
45.5	2768.352	2812.545	2896.195	2975.111	3009.833
46.0	2727.316	2771.509	2855.159	2937.231	2973.532
46.5	2686.280	2730.473	2820.436	2905.665	2938.809
47.0	2643.666	2691.015	2780.979	2867.786	2904.087
47.5	2602.630	2649.979	2741.521	2831.485	2867.786
48.0	2563.172	2608.943	2702.063	2798.340	2831.485
48.5	2518.980	2569.485	2665.762	2760.461	2796.762
49.0	2479.522	2526.871	2624.726	2724.160	2760.461
49.5	2438.486	2487.413	2586.847	2689.437	2725.738
50.0	2395.872	2446.377	2548.967	2651.557	2689.437
50.5	2356.414	2406.920	2509.510	2619.991	2656.292
51.0	2315.378	2365.884	2474.787	2583.690	2621.570
51.5	2275.920	2324.848	2435.329	2548.967	2586.847
52.0	2233.306	2285.390	2397.450	2512.666	2552.124
52.5	2192.270	2244.354	2361.149	2476.365	2518.980
53.0	2149.655	2204.896	2323.269	2444.799	2482.678
53.5	2108.619	2165.439	2286.968	2408.498	2449.534
54.0	2069.162	2125.981	2250.667	2373.775	2416.390
54.5	2031.282	2084.945	2214.366	2342.209	2383.245

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55.0	1991.825	2047.065	2178.065	2305.908	2353.257
55.5	1958.680	2007.608	2141.764	2272.764	2316.956
56.0	1920.801	1972.885	2107.041	2239.619	2283.812
56.5	1881.343	1936.584	2070.740	2206.475	2252.245
57.0	1843.464	1900.283	2036.017	2173.330	2219.101
57.5	1804.006	1862.403	2006.029	2141.764	2182.800
58.0	1764.548	1824.524	1971.307	2107.041	2155.969
58.5	1726.669	1786.645	1936.584	2077.053	2124.403
59.0	1688.790	1748.765	1903.439	2050.222	2091.258
59.5	1650.910	1712.464	1873.452	2017.078	2066.005
60.0	1613.031	1674.585	1840.307	1985.511	2034.439
60.5	1575.941	1638.284	1807.163	1955.524	2002.873
61.0	1538.692	1601.983	1774.018	1925.536	1972.885
61.5	1501.760	1565.997	1740.874	1895.548	1944.475
62.0	1465.459	1530.327	1709.308	1867.138	1914.488
62.5	1429.631	1494.973	1676.163	1838.729	1886.078
63.0	1393.330	1459.777	1644.597	1808.741	1860.825
63.5	1357.345	1425.054	1614.609	1780.331	1832.416
64.0	1322.306	1390.805	1583.043	1750.344	1804.006
64.5	1287.426	1357.345	1553.055	1721.934	1775.596
65.0	1252.861	1323.727	1522.909	1693.524	1748.765
65.5	1218.769	1290.898	1493.079	1665.115	1720.356
66.0	1184.204	1258.069	1463.565	1636.705	1693.524
66.5	1150.429	1226.030	1434.208	1609.874	1666.693
67.0	1117.442	1194.306	1405.010	1581.465	1639.862
67.5	1084.298	1163.055	1376.442	1554.949	1613.031
68.0	1051.627	1132.594	1348.033	1528.118	1587.778
68.5	1019.429	1102.290	1320.255	1502.076	1561.420
69.0	987.389	1072.302	1292.792	1475.876	1536.483
69.5	955.823	1042.946	1265.645	1450.465	1511.703
70.0	924.415	1014.063	1238.972	1425.528	1487.082
70.5	893.796	985.496	1212.298	1400.591	1462.776
71.0	863.492	957.244	1186.098	1375.969	1438.786
71.5	833.504	929.623	1160.530	1351.979	1415.111
72.0	804.148	901.845	1134.961	1328.146	1392.068
72.5	774.634	875.014	1110.024	1304.787	1369.182
73.0	745.908	848.341	1085.245	1281.744	1346.139
73.5	717.972	821.983	1061.254	1258.858	1323.727
74.0	690.352	796.414	1036.948	1236.762	1301.157
74.5	663.205	770.688	1013.747	1214.824	1279.850
75.0	636.216	745.593	990.704	1193.359	1259.174
75.5	609.700	721.129	967.976	1172.052	1238.183
76.0	583.974	697.139	945.880	1150.902	1217.665
76.5	558.405	673.464	923.941	1130.226	1197.147
77.0	533.152	649.947	902.319	1109.708	1177.260
77.5	508.373	627.062	881.012	1089.822	1157.531
78.0	483.909	604.650	860.336	1070.251	1138.118
78.5	459.919	582.553	839.818	1050.522	1118.863
79.0	436.402	561.088	819.931	1031.424	1099.923
79.5	413.043	539.781	800.360	1012.800	1080.983
80.0	390.000	518.790	780.789	994.334	1062.990
80.5	367.588	498.430	761.849	975.710	1044.682
81.0	345.807	478.385	743.699	957.717	1026.847
81.5	323.711	458.814	725.548	939.882	1009.012
82.0	302.404	439.717	707.871	922.679	991.809
82.5	281.570	420.935	690.510	905.475	974.921

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83.0	261.052	402.626	673.464	888.903	958.506
83.5	240.692	384.791	657.207	872.015	941.461
84.0	220.805	367.430	641.424	856.074	925.204
84.5	201.076	350.700	625.957	840.291	909.263
85.0	182.137	334.443	610.805	824.666	893.322
85.5	163.197	318.976	595.969	809.514	877.855
86.0	144.573	304.140	581.449	794.678	862.545
86.5	126.107	290.251	567.717	779.842	847.236
87.0	107.956	276.835	553.828	765.795	832.242
87.5	89.806	264.367	540.728	751.590	817.879
88.0	71.813	252.214	527.786	737.859	803.359
88.5	53.662	240.850	515.318	724.286	789.312
89.0	37.090	230.117	503.480	711.186	775.423
89.5	23.517	220.174	491.959	698.559	761.849
90.0	14.047	211.335	481.384	686.564	749.381
90.5	9.943	203.602	471.598	674.569	736.123
91.0	10.575	196.499	461.655	662.416	723.496
91.5	12.626	189.713	451.712	650.894	710.870
92.0	14.994	184.031	442.242	639.215	698.559
92.5	17.519	179.138	434.193	628.009	686.406
93.0	20.045	174.877	425.827	617.434	674.727
93.5	22.728	171.562	417.936	607.017	663.679
94.0	25.569	168.721	410.518	597.232	652.946
94.5	28.252	166.669	403.573	587.288	641.898
95.0	30.935	165.091	397.102	577.503	631.323
95.5	33.460	163.986	391.105	568.191	620.906
96.0	35.512	163.513	385.896	559.195	610.647
96.5	37.564	163.513	380.688	550.829	601.178
97.0	39.458	163.671	375.953	542.780	591.708
97.5	41.510	164.302	371.534	535.046	583.027
98.0	43.246	164.933	367.588	527.471	574.188
98.5	45.297	165.722	364.273	520.210	565.981
99.0	47.349	166.669	360.801	513.424	557.932
99.5	49.559	167.774	357.802	506.953	550.040
100.0	51.453	168.879	355.435	500.955	542.938
100.5	53.662	170.142	353.067	495.115	535.678
101.0	55.556	171.404	351.331	489.591	529.207
101.5	57.450	172.667	349.595	484.383	522.578
102.0	59.187	173.930	348.333	479.490	516.738
102.5	60.923	175.192	347.070	474.913	510.898
103.0	62.659	176.613	346.123	470.336	505.690
103.5	64.553	178.033	345.334	466.390	500.324
104.0	66.605	179.296	344.545	462.760	495.431
104.5	68.656	180.716	344.071	459.288	490.854
105.0	70.550	182.137	343.598	456.131	486.435
105.5	72.287	183.399	343.124	452.817	482.647
106.0	74.338	184.978	342.966	449.976	478.859
106.5	76.232	186.398	342.966	447.292	475.071
107.0	78.126	187.976	342.966	444.767	471.914
107.5	79.862	189.239	342.966	442.873	468.600
108.0	82.072	190.817	342.966	440.664	465.285
108.5	84.124	192.396	343.124	439.085	463.076
109.0	86.176	193.658	343.440	437.033	460.866
109.5	88.385	195.079	343.598	435.613	458.498
110.0	90.595	196.499	343.913	434.035	456.605
110.5	92.805	197.920	344.229	432.614	454.868

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CANDELA TABULATION - (Cont.)

111.0	95.014	199.340	344.387	431.352	452.974
111.5	97.224	200.603	344.545	430.405	451.396
112.0	99.591	202.023	344.860	429.458	449.502
112.5	101.959	203.444	345.176	428.353	447.766
113.0	104.484	204.864	345.649	427.564	446.977
113.5	106.851	206.127	345.649	426.774	445.872
114.0	109.377	207.390	345.965	426.143	444.767
114.5	111.744	208.810	346.281	425.354	443.820
115.0	114.269	209.915	346.596	424.881	443.031
115.5	116.795	211.335	346.596	424.407	442.242
116.0	119.162	212.598	347.070	423.776	441.295
116.5	121.372	213.861	347.386	423.144	440.979
117.0	123.897	215.281	347.701	423.144	440.190
117.5	126.265	216.386	348.017	422.513	439.717
118.0	128.316	217.491	348.333	422.197	439.085
118.5	130.684	218.596	348.490	421.724	438.927
119.0	132.736	219.700	348.806	421.250	437.980
119.5	134.945	220.490	349.122	420.777	437.823
120.0	136.997	221.279	348.964	420.461	437.033
120.5	139.049	222.226	349.122	419.830	436.876
121.0	141.101	222.857	349.437	419.356	436.244
121.5	143.310	223.646	349.280	418.725	435.929
122.0	145.362	224.593	349.280	418.409	435.455
122.5	147.414	225.540	349.437	417.778	434.350
123.0	149.466	226.487	349.280	417.147	434.193
123.5	151.360	227.276	348.964	416.673	433.246
124.0	152.938	227.908	348.964	416.200	433.088
124.5	154.516	228.539	348.964	415.411	432.456
125.0	156.095	229.328	348.648	414.622	431.825
125.5	157.673	229.802	348.333	414.148	431.036
126.0	159.093	230.433	348.175	413.201	430.405
126.5	160.356	231.222	347.859	412.570	429.931
127.0	161.777	231.538	347.543	411.781	429.300
127.5	162.881	232.011	347.070	410.991	428.195
128.0	164.302	232.011	346.912	410.044	427.564
128.5	165.407	232.327	346.281	409.255	426.932
129.0	166.511	232.643	345.649	408.466	426.143
129.5	167.458	233.116	344.545	407.203	425.196
130.0	168.248	233.432	343.440	406.414	424.249
130.5	169.037	233.747	342.177	405.467	423.144
131.0	169.510	234.221	340.915	404.047	422.040
131.5	170.142	234.694	339.652	402.784	420.935
132.0	170.773	235.168	338.231	401.995	419.988
132.5	171.089	235.326	336.653	400.417	418.567
133.0	171.562	235.484	336.022	398.996	416.831
133.5	171.720	235.326	335.075	397.891	416.042
134.0	171.878	235.010	334.443	396.629	414.937
134.5	172.351	234.379	333.654	395.208	412.885
135.0	172.825	233.905	332.707	393.314	411.307
135.5	172.667	232.643	331.918	392.052	410.044
136.0	172.983	232.485	330.813	390.473	408.466
136.5	173.298	232.011	330.024	388.737	406.888
137.0	173.456	231.222	328.762	387.317	405.152
137.5	173.614	230.433	327.657	385.423	403.573
138.0	173.930	229.959	326.078	383.845	401.679
138.5	173.930	229.328	324.027	382.108	400.259

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	173.772	228.855	321.659	380.057	398.049
139.5	173.772	228.223	318.818	377.847	396.471
140.0	173.772	227.434	315.662	375.795	394.261
140.5	173.772	226.961	312.821	373.270	391.894
141.0	173.772	226.645	309.664	370.587	390.000
141.5	173.772	226.014	306.507	368.219	388.106
142.0	173.614	225.698	303.509	365.220	386.054
142.5	173.456	225.225	300.352	362.537	383.687
143.0	173.298	224.751	297.353	360.012	381.319
143.5	173.298	224.120	293.881	357.329	379.110
144.0	173.298	223.331	290.882	355.277	376.584
144.5	173.772	222.699	287.883	352.910	374.375
145.0	174.403	222.068	284.569	350.858	371.849
145.5	175.508	221.279	281.570	348.806	369.324
146.0	176.928	220.647	278.729	346.596	366.957
146.5	178.349	220.016	276.362	344.229	364.273
147.0	179.769	219.227	273.679	341.862	361.590
147.5	181.032	218.911	271.627	339.494	358.907
148.0	182.452	218.280	269.417	336.811	356.066
148.5	183.715	218.122	267.681	334.286	353.225
149.0	185.293	218.122	265.787	331.760	350.700
149.5	186.398	218.596	264.051	329.077	347.543
150.0	187.661	218.911	262.315	326.552	344.229
150.5	188.766	219.069	260.421	323.711	340.757
151.0	189.555	219.543	257.896	320.870	336.653
151.5	190.344	219.700	255.212	317.871	332.865
152.0	191.291	220.016	252.687	314.715	329.077
152.5	192.238	220.332	250.320	311.400	324.974
153.0	192.869	220.490	247.794	307.612	321.659
153.5	193.658	220.963	245.111	303.666	317.871
154.0	194.290	220.805	242.744	299.247	314.715
154.5	195.079	220.963	240.692	294.986	311.558
155.0	195.395	221.279	238.640	290.093	309.191
155.5	196.026	221.437	236.588	285.516	306.665
156.0	196.499	221.437	235.168	280.623	304.456
156.5	197.288	221.437	233.747	275.730	301.615
157.0	197.604	221.752	232.327	271.311	298.932
157.5	198.078	221.752	231.380	267.050	295.933
158.0	198.709	221.594	230.906	262.630	293.092
158.5	198.867	221.594	230.275	259.000	289.777
159.0	199.656	221.121	229.802	255.528	286.936
159.5	200.287	220.805	229.012	252.214	283.780
160.0	201.076	220.490	228.223	249.530	280.623
160.5	202.023	220.332	227.592	247.005	277.624
161.0	202.655	219.858	227.434	244.322	274.626
161.5	203.602	219.700	227.119	241.639	272.416
162.0	204.391	219.385	227.592	239.429	270.522
162.5	205.180	219.385	227.908	237.062	268.312
163.0	206.127	219.227	228.066	234.537	266.418
163.5	206.916	219.227	228.381	231.853	264.051
164.0	207.232	219.227	228.697	228.539	261.841
164.5	207.705	218.911	228.381	226.014	259.000
165.0	208.179	218.911	227.908	223.488	256.159
165.5	208.652	218.753	227.434	221.752	253.161
166.0	209.126	218.596	227.119	219.858	248.584
166.5	209.599	218.596	226.645	218.280	246.374

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	210.231	218.596	226.172	216.860	244.638
167.5	210.546	218.596	225.225	215.597	242.902
168.0	211.020	218.596	224.435	214.334	241.481
168.5	211.967	217.964	223.331	213.229	239.745
169.0	212.440	218.122	222.541	212.125	238.009
169.5	213.229	217.649	221.279	210.862	236.115
170.0	213.545	217.491	220.174	209.284	234.379
170.5	214.019	217.175	218.753	207.548	232.485
171.0	214.334	216.860	217.175	205.654	230.117
171.5	214.808	216.860	215.755	203.917	228.223
172.0	215.597	216.544	214.966	202.181	225.382
172.5	216.070	216.544	214.019	200.287	222.226
173.0	216.702	216.228	213.229	198.551	216.860
173.5	217.491	216.386	212.914	196.815	208.810
174.0	218.122	216.386	212.756	195.395	198.867
174.5	218.596	216.386	212.440	193.974	187.029
175.0	219.543	216.860	212.282	192.869	173.614
175.5	219.858	217.017	212.125	192.396	159.567
176.0	220.490	217.333	212.125	191.922	150.413
176.5	220.647	217.491	211.967	191.922	143.942
177.0	221.279	217.807	211.651	191.449	137.313
177.5	221.437	217.807	211.178	191.291	135.892
178.0	222.068	218.122	211.020	191.133	136.208
178.5	222.384	218.280	211.178	190.817	136.524
179.0	222.699	218.280	211.020	190.344	136.681
179.5	223.015	218.280	210.862	190.186	136.839
180.0	199.972	199.972	199.972	199.972	199.972

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1806.96	N.A.	11.70
0-30	3786.2	N.A.	24.50
0-40	6082.01	N.A.	39.40
0-60	10293.01	N.A.	66.70
0-80	12823.25	N.A.	83.10
0-90	13459.6	N.A.	87.30
10-90	12988.52	N.A.	84.20
20-40	4275.04	N.A.	27.70
20-50	6535.85	N.A.	42.40
40-70	5711.02	N.A.	37.00
60-80	2530.24	N.A.	16.40
70-80	1030.22	N.A.	6.70
80-90	636.35	N.A.	4.10
90-110	743.26	N.A.	4.80
90-120	1056.17	N.A.	6.80
90-130	1344.15	N.A.	8.70
90-150	1764.62	N.A.	11.40
90-180	1965.63	N.A.	12.70
110-180	1222.36	N.A.	7.90
0-180	15425.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	471.08
10-20	1335.88
20-30	1979.24
30-40	2295.81
40-50	2260.81
50-60	1950.19
60-70	1500.02
70-80	1030.22
80-90	636.35
90-100	407.71
100-110	335.55
110-120	312.91
120-130	287.98
130-140	242.00
140-150	178.47
150-160	116.69
160-170	64.29
170-180	20.03

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L200-927-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-L200-927-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

X=2H	Y=2H	18.9	20.3	19.4	20.8	21.4	20.6	22.0	21.2	22.5	23.1
	3H	20.3	21.5	20.8	22.1	22.7	22.8	24.1	23.4	24.6	25.3
	4H	20.7	21.9	21.3	22.4	23.1	23.9	25.1	24.5	25.6	26.3
	6H	21.0	22.1	21.6	22.7	23.4	25.0	26.1	25.6	26.7	27.4
	8H	21.1	22.1	21.7	22.7	23.4	25.7	26.7	26.3	27.3	28.0
	12H	21.1	22.1	21.7	22.7	23.4	26.4	27.3	27.0	28.0	28.7

UGR Viewed Endwise

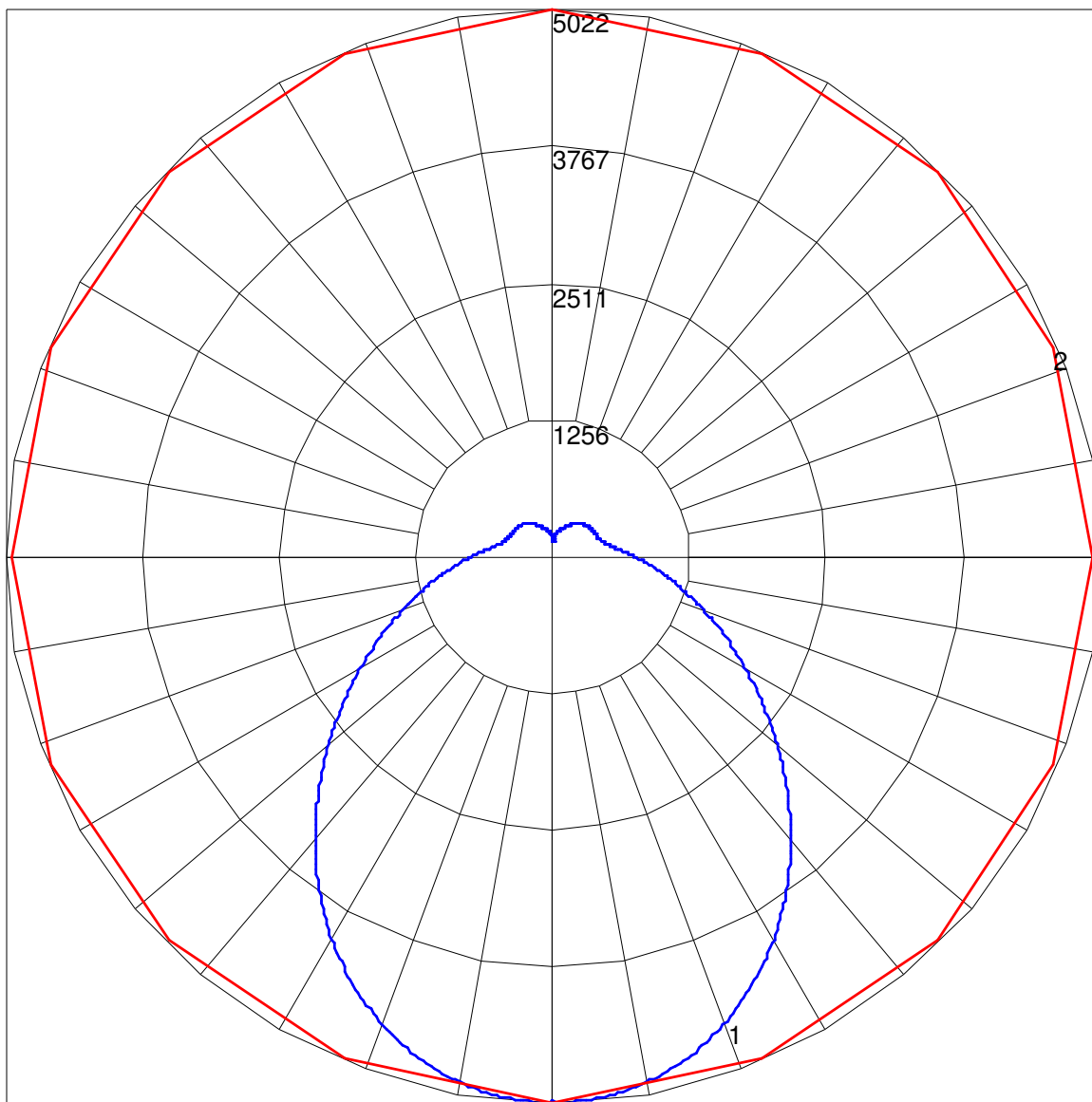
4H	2H	19.6	20.8	20.2	21.4	22.1	21.0	22.2	21.6	22.8	23.4
	3H	21.2	22.2	21.8	22.9	23.5	23.5	24.4	24.1	25.1	25.8
	4H	21.8	22.7	22.4	23.3	24.1	24.7	25.6	25.3	26.2	27.0
	6H	22.2	23.0	22.9	23.7	24.4	26.1	26.8	26.7	27.5	28.2
	8H	22.3	23.1	23.0	23.7	24.5	26.8	27.5	27.4	28.2	28.9
	12H	22.4	23.1	23.1	23.8	24.5	27.6	28.3	28.3	29.0	29.7

8H	4H	22.4	23.1	23.0	23.8	24.5	24.9	25.6	25.6	26.3	27.1
	6H	23.0	23.6	23.6	24.3	25.0	26.4	27.1	27.1	27.8	28.5
	8H	23.2	23.7	23.9	24.4	25.2	27.3	27.9	28.0	28.6	29.3
	12H	23.3	23.8	24.0	24.5	25.3	28.3	28.8	29.0	29.5	30.3

12H	4H	22.6	23.2	23.2	23.9	24.7	24.9	25.6	25.6	26.3	27.0
	6H	23.2	23.8	23.9	24.5	25.3	26.5	27.0	27.2	27.7	28.5
	8H	23.5	24.0	24.2	24.7	25.5	27.4	27.9	28.1	28.6	29.4

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 5022.176 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.)