

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-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-L170-827-HE-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	15724
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	166
Total Luminaire Watts	94.8
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	17393	15511	15256
55	15130	13309	13393
65	12816	11435	11936
75	10446	10042	11157
85	8204	9992	11788

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	5088.925	5088.925	5088.925	5088.925	5088.925
0.5	5064.792	5084.099	5087.316	5085.707	5119.494
1.0	5064.792	5085.707	5085.707	5084.099	5117.885
1.5	5059.965	5085.707	5084.099	5082.490	5119.494
2.0	5058.356	5080.881	5084.099	5080.881	5114.668
2.5	5058.356	5080.881	5079.272	5079.272	5111.450
3.0	5053.530	5076.054	5076.054	5076.054	5108.232
3.5	5050.312	5071.227	5071.227	5072.836	5105.014
4.0	5047.094	5068.010	5068.010	5066.401	5101.796
4.5	5039.050	5063.183	5064.792	5063.183	5096.970
5.0	5034.223	5058.356	5058.356	5058.356	5092.143
5.5	5027.787	5051.921	5051.921	5053.530	5085.707
6.0	5024.570	5043.876	5045.485	5045.485	5079.272
6.5	5013.307	5037.441	5039.050	5039.050	5071.227
7.0	5006.872	5029.396	5031.005	5029.396	5064.792
7.5	5000.436	5019.743	5022.961	5022.961	5056.747
8.0	4992.392	5013.307	5013.307	5013.307	5045.485
8.5	4984.347	5002.045	5005.263	5005.263	5035.832
9.0	4971.476	4994.001	4995.610	4994.001	5024.570
9.5	4963.432	4982.738	4982.738	4982.738	5018.134
10.0	4950.561	4969.867	4969.867	4973.085	5005.263
10.5	4939.298	4958.605	4960.214	4960.214	4994.001
11.0	4928.036	4947.343	4948.952	4947.343	4981.130
11.5	4913.556	4934.472	4937.689	4934.472	4969.867
12.0	4900.685	4919.992	4923.209	4923.209	4955.387
12.5	4887.814	4905.512	4910.338	4907.120	4942.516
13.0	4873.334	4892.640	4895.858	4894.249	4928.036
13.5	4858.854	4876.552	4879.769	4879.769	4915.165
14.0	4841.156	4860.463	4863.680	4863.680	4897.467
14.5	4826.676	4844.374	4847.591	4847.591	4884.596
15.0	4812.196	4828.285	4829.894	4829.894	4865.289
15.5	4794.498	4808.978	4813.805	4813.805	4845.983
16.0	4775.191	4791.280	4796.107	4796.107	4829.894
16.5	4759.102	4771.974	4776.800	4778.409	4812.196
17.0	4736.578	4751.058	4757.494	4759.102	4792.889
17.5	4717.271	4731.751	4738.187	4739.796	4773.582
18.0	4699.573	4712.445	4717.271	4722.098	4755.885
18.5	4678.658	4693.138	4697.965	4701.182	4734.969
19.0	4657.742	4669.004	4677.049	4680.267	4712.445
19.5	4633.609	4649.698	4656.133	4662.569	4691.529
20.0	4607.867	4625.564	4633.609	4638.436	4669.004
20.5	4582.124	4604.649	4611.084	4617.520	4648.089
21.0	4561.209	4578.907	4583.733	4596.604	4625.564
21.5	4537.075	4554.773	4562.818	4569.253	4601.431
22.0	4511.333	4532.249	4540.293	4546.729	4580.515
22.5	4488.809	4503.289	4514.551	4524.204	4556.382
23.0	4461.457	4477.546	4488.809	4498.462	4530.640
23.5	4432.497	4450.195	4464.675	4474.329	4506.506
24.0	4403.537	4422.844	4437.324	4448.586	4480.764
24.5	4379.404	4395.493	4411.582	4421.235	4451.804
25.0	4352.053	4368.142	4385.839	4395.493	4426.062
25.5	4321.484	4340.791	4355.271	4369.751	4395.493
26.0	4292.524	4310.222	4329.528	4342.399	4371.359
26.5	4261.955	4279.653	4302.177	4313.439	4344.008

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	4231.386	4247.475	4274.826	4289.306	4316.657
27.5	4195.990	4216.906	4244.257	4257.128	4289.306
28.0	4170.248	4186.337	4213.688	4228.168	4258.737
28.5	4136.461	4155.768	4183.119	4197.599	4228.168
29.0	4104.283	4123.590	4150.941	4168.639	4199.208
29.5	4070.497	4089.803	4118.763	4136.461	4167.030
30.0	4036.710	4057.626	4086.586	4109.110	4139.679
30.5	4001.314	4022.230	4056.017	4078.541	4107.501
31.0	3967.528	3988.443	4022.230	4046.363	4073.714
31.5	3932.132	3956.265	3990.052	4015.794	4044.754
32.0	3898.345	3919.261	3957.874	3982.008	4010.968
32.5	3861.341	3883.865	3924.088	3949.830	3978.790
33.0	3825.945	3850.078	3887.083	3917.652	3946.612
33.5	3792.158	3814.683	3854.905	3882.256	3912.825
34.0	3751.936	3777.678	3819.510	3850.078	3882.256
34.5	3714.932	3742.283	3785.723	3814.683	3846.861
35.0	3681.145	3703.669	3751.936	3782.505	3813.074
35.5	3637.705	3668.274	3714.932	3747.109	3777.678
36.0	3603.918	3629.660	3679.536	3711.714	3743.892
36.5	3562.087	3591.047	3642.531	3677.927	3711.714
37.0	3523.473	3554.042	3605.527	3640.923	3677.927
37.5	3483.251	3513.820	3570.131	3608.745	3640.923
38.0	3443.029	3475.207	3531.518	3571.740	3602.309
38.5	3401.198	3434.984	3494.513	3537.953	3566.913
39.0	3364.193	3394.762	3455.900	3500.949	3537.953
39.5	3322.362	3357.758	3418.895	3463.944	3499.340
40.0	3277.313	3315.926	3380.282	3430.158	3462.336
40.5	3235.482	3275.704	3343.278	3394.762	3426.940
41.0	3196.868	3235.482	3304.664	3357.758	3389.935
41.5	3155.037	3195.259	3266.051	3320.753	3354.540
42.0	3113.206	3155.037	3227.437	3285.357	3319.144
42.5	3072.984	3113.206	3187.215	3248.353	3282.140
43.0	3027.935	3072.984	3150.210	3212.957	3246.744
43.5	2989.321	3031.152	3109.988	3175.953	3211.348
44.0	2945.881	2989.321	3069.766	3140.557	3174.344
44.5	2905.659	2949.099	3029.544	3101.944	3137.339
45.0	2863.828	2907.268	2990.930	3068.157	3103.553
45.5	2821.997	2867.045	2952.317	3032.761	3068.157
46.0	2780.165	2825.214	2910.486	2994.148	3031.152
46.5	2738.334	2783.383	2875.090	2961.970	2995.757
47.0	2694.894	2743.161	2834.868	2923.357	2960.361
47.5	2653.063	2701.330	2794.645	2886.352	2923.357
48.0	2612.841	2659.498	2754.423	2852.565	2886.352
48.5	2567.792	2619.276	2717.419	2813.952	2850.957
49.0	2527.569	2575.836	2675.587	2776.948	2813.952
49.5	2485.738	2535.614	2636.974	2741.552	2778.556
50.0	2442.298	2493.783	2598.361	2702.938	2741.552
50.5	2402.076	2453.560	2558.138	2670.761	2707.765
51.0	2360.245	2411.729	2522.743	2633.756	2672.370
51.5	2320.022	2369.898	2482.520	2598.361	2636.974
52.0	2276.582	2329.676	2443.907	2561.356	2601.578
52.5	2234.751	2287.844	2406.902	2524.351	2567.792
53.0	2191.311	2247.622	2368.289	2492.174	2530.787
53.5	2149.480	2207.400	2331.284	2455.169	2497.000
54.0	2109.257	2167.177	2294.280	2419.774	2463.214
54.5	2070.644	2125.346	2257.275	2387.596	2429.427

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	2030.422	2086.733	2220.271	2350.591	2398.858
55.5	1996.635	2046.511	2183.266	2316.804	2361.853
56.0	1958.022	2011.115	2147.871	2283.018	2328.067
56.5	1917.799	1974.110	2110.866	2249.231	2295.889
57.0	1879.186	1937.106	2075.471	2215.444	2262.102
57.5	1838.964	1898.493	2044.902	2183.266	2225.098
58.0	1798.741	1859.879	2009.506	2147.871	2197.746
58.5	1760.128	1821.266	1974.110	2117.302	2165.569
59.0	1721.514	1782.652	1940.324	2089.951	2131.782
59.5	1682.901	1745.648	1909.755	2056.164	2106.040
60.0	1644.288	1707.034	1875.968	2023.986	2073.862
60.5	1606.479	1670.030	1842.181	1993.417	2041.684
61.0	1568.509	1633.025	1808.395	1962.848	2011.115
61.5	1530.861	1596.343	1774.608	1932.279	1982.155
62.0	1493.856	1559.982	1742.430	1903.319	1951.586
62.5	1457.334	1523.942	1708.643	1874.359	1922.626
63.0	1420.330	1488.064	1676.465	1843.790	1896.884
63.5	1383.647	1452.669	1645.896	1814.830	1867.924
64.0	1347.930	1417.756	1613.719	1784.261	1838.964
64.5	1312.373	1383.647	1583.150	1755.301	1810.003
65.0	1277.138	1349.378	1552.420	1726.341	1782.652
65.5	1242.386	1315.913	1522.012	1697.381	1753.692
66.0	1207.152	1282.448	1491.926	1668.421	1726.341
66.5	1172.721	1249.787	1462.000	1641.070	1698.990
67.0	1139.096	1217.449	1432.236	1612.110	1671.639
67.5	1105.309	1185.592	1403.115	1585.080	1644.288
68.0	1072.005	1154.541	1374.155	1557.729	1618.545
68.5	1039.183	1123.650	1345.838	1531.182	1591.677
69.0	1006.523	1093.081	1317.843	1504.475	1566.256
69.5	974.345	1063.156	1290.170	1478.572	1540.997
70.0	942.328	1033.713	1262.980	1453.151	1515.898
70.5	911.116	1004.592	1235.790	1427.731	1491.121
71.0	880.225	975.793	1209.082	1402.632	1466.666
71.5	849.656	947.637	1183.018	1378.177	1442.533
72.0	819.730	919.321	1156.954	1353.883	1419.043
72.5	789.644	891.970	1131.534	1330.071	1395.714
73.0	760.362	864.779	1106.274	1306.581	1372.224
73.5	731.885	837.911	1081.819	1283.252	1349.378
74.0	703.729	811.847	1057.042	1260.728	1326.371
74.5	676.056	785.622	1033.391	1238.364	1304.650
75.0	648.544	760.041	1009.901	1216.483	1283.574
75.5	621.515	735.103	986.733	1194.763	1262.176
76.0	595.290	710.648	964.209	1173.204	1241.260
76.5	569.226	686.514	941.845	1152.128	1220.345
77.0	543.484	662.542	919.804	1131.212	1200.073
77.5	518.224	639.213	898.083	1110.940	1179.961
78.0	493.286	616.367	877.007	1090.990	1160.172
78.5	468.831	593.842	856.091	1070.878	1140.544
79.0	444.859	571.961	835.819	1051.411	1121.237
79.5	421.047	550.241	815.869	1032.426	1101.930
80.0	397.557	528.843	795.919	1013.602	1083.589
80.5	374.711	508.088	776.612	994.617	1064.926
81.0	352.508	487.655	758.110	976.276	1046.745
81.5	329.984	467.705	739.608	958.095	1028.565
82.0	308.264	448.237	721.588	940.558	1011.028
82.5	287.026	429.091	703.890	923.021	993.813

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	266.111	410.428	686.514	906.128	977.080
83.5	245.356	392.248	669.943	888.913	959.704
84.0	225.084	374.550	653.854	872.663	943.132
84.5	204.973	357.496	638.087	856.574	926.883
85.0	185.666	340.924	622.641	840.646	910.633
85.5	166.359	325.157	607.518	825.201	894.866
86.0	147.375	310.033	592.716	810.077	879.259
86.5	128.550	295.875	578.718	794.954	863.653
87.0	110.048	282.200	564.560	780.634	848.369
87.5	91.546	269.489	551.206	766.154	833.728
88.0	73.205	257.101	538.013	752.157	818.926
88.5	54.702	245.517	525.303	738.321	804.607
89.0	37.809	234.576	513.237	724.967	790.449
89.5	23.972	224.440	501.492	712.096	776.612
90.0	14.319	215.431	490.712	699.868	763.902
90.5	10.136	207.547	480.737	687.640	750.387
91.0	10.780	200.307	470.601	675.252	737.516
91.5	12.871	193.389	460.465	663.507	724.645
92.0	15.284	187.597	450.812	651.601	712.096
92.5	17.859	182.609	442.606	640.178	699.707
93.0	20.433	178.265	434.079	629.399	687.801
93.5	23.168	174.887	426.035	618.780	676.539
94.0	26.064	171.991	418.473	608.805	665.599
94.5	28.799	169.899	411.394	598.669	654.336
95.0	31.534	168.290	404.797	588.694	643.557
95.5	34.109	167.164	398.683	579.201	632.938
96.0	36.200	166.681	393.374	570.030	622.480
96.5	38.292	166.681	388.065	561.503	612.827
97.0	40.222	166.842	383.238	553.298	603.174
97.5	42.314	167.486	378.733	545.414	594.325
98.0	44.084	168.129	374.711	537.692	585.315
98.5	46.175	168.934	371.332	530.291	576.949
99.0	48.267	169.899	367.793	523.373	568.743
99.5	50.519	171.025	364.736	516.776	560.699
100.0	52.450	172.151	362.322	510.662	553.459
100.5	54.702	173.439	359.909	504.709	546.058
101.0	56.633	174.726	358.139	499.078	539.461
101.5	58.564	176.013	356.370	493.769	532.704
102.0	60.333	177.300	355.082	488.781	526.751
102.5	62.103	178.587	353.795	484.116	520.798
103.0	63.873	180.035	352.830	479.450	515.489
103.5	65.804	181.483	352.026	475.428	510.019
104.0	67.895	182.770	351.221	471.727	505.031
104.5	69.987	184.218	350.738	468.188	500.365
105.0	71.917	185.666	350.256	464.970	495.861
105.5	73.687	186.953	349.773	461.591	491.999
106.0	75.779	188.562	349.612	458.695	488.138
106.5	77.709	190.010	349.612	455.960	484.276
107.0	79.640	191.619	349.612	453.386	481.059
107.5	81.410	192.906	349.612	451.455	477.680
108.0	83.662	194.515	349.612	449.203	474.301
108.5	85.754	196.124	349.773	447.594	472.049
109.0	87.846	197.411	350.095	445.502	469.796
109.5	90.098	198.859	350.256	444.054	467.383
110.0	92.350	200.307	350.578	442.445	465.452
110.5	94.603	201.755	350.899	440.997	463.683

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	96.855	203.203	351.060	439.710	461.752
111.5	99.108	204.490	351.221	438.745	460.143
112.0	101.521	205.938	351.543	437.780	458.212
112.5	103.934	207.386	351.865	436.653	456.443
113.0	106.509	208.834	352.347	435.849	455.638
113.5	108.922	210.121	352.347	435.044	454.512
114.0	111.496	211.408	352.669	434.401	453.386
114.5	113.910	212.856	352.991	433.596	452.420
115.0	116.484	213.983	353.313	433.114	451.616
115.5	119.058	215.431	353.313	432.631	450.812
116.0	121.471	216.718	353.795	431.987	449.846
116.5	123.724	218.005	354.117	431.344	449.524
117.0	126.298	219.453	354.439	431.344	448.720
117.5	128.711	220.579	354.761	430.700	448.237
118.0	130.803	221.705	355.082	430.379	447.594
118.5	133.216	222.832	355.243	429.896	447.433
119.0	135.308	223.958	355.565	429.413	446.468
119.5	137.560	224.762	355.887	428.931	446.307
120.0	139.652	225.567	355.726	428.609	445.502
120.5	141.743	226.532	355.887	427.965	445.341
121.0	143.835	227.176	356.209	427.483	444.698
121.5	146.087	227.980	356.048	426.839	444.376
122.0	148.179	228.945	356.048	426.517	443.893
122.5	150.271	229.911	356.209	425.874	442.767
123.0	152.362	230.876	356.048	425.230	442.606
123.5	154.293	231.680	355.726	424.747	441.641
124.0	155.902	232.324	355.726	424.265	441.480
124.5	157.511	232.968	355.726	423.460	440.836
125.0	159.119	233.772	355.404	422.656	440.193
125.5	160.728	234.255	355.082	422.173	439.388
126.0	162.176	234.898	354.922	421.208	438.745
126.5	163.463	235.703	354.600	420.564	438.262
127.0	164.911	236.024	354.278	419.760	437.619
127.5	166.038	236.507	353.795	418.955	436.492
128.0	167.486	236.507	353.634	417.990	435.849
128.5	168.612	236.829	352.991	417.186	435.205
129.0	169.738	237.151	352.347	416.381	434.401
129.5	170.703	237.633	351.221	415.094	433.435
130.0	171.508	237.955	350.095	414.290	432.470
130.5	172.312	238.277	348.808	413.324	431.344
131.0	172.795	238.760	347.521	411.876	430.218
131.5	173.439	239.242	346.234	410.589	429.091
132.0	174.082	239.725	344.786	409.785	428.126
132.5	174.404	239.886	343.177	408.176	426.678
133.0	174.887	240.047	342.533	406.728	424.908
133.5	175.047	239.886	341.568	405.602	424.104
134.0	175.208	239.564	340.924	404.315	422.978
134.5	175.691	238.920	340.120	402.867	420.886
135.0	176.174	238.438	339.154	400.936	419.277
135.5	176.013	237.151	338.350	399.649	417.990
136.0	176.335	236.990	337.224	398.040	416.381
136.5	176.656	236.507	336.419	396.270	414.772
137.0	176.817	235.703	335.132	394.822	413.003
137.5	176.978	234.898	334.006	392.891	411.394
138.0	177.300	234.416	332.397	391.283	409.463
138.5	177.300	233.772	330.306	389.513	408.015

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	177.139	233.289	327.892	387.421	405.763
139.5	177.139	232.646	324.996	385.169	404.154
140.0	177.139	231.841	321.778	383.077	401.901
140.5	177.139	231.359	318.882	380.503	399.488
141.0	177.139	231.037	315.665	377.768	397.557
141.5	177.139	230.393	312.447	375.354	395.627
142.0	176.978	230.072	309.390	372.298	393.535
142.5	176.817	229.589	306.172	369.562	391.122
143.0	176.656	229.106	303.115	366.988	388.708
143.5	176.656	228.463	299.576	364.253	386.456
144.0	176.656	227.658	296.519	362.162	383.882
144.5	177.139	227.015	293.462	359.748	381.629
145.0	177.783	226.371	290.083	357.657	379.055
145.5	178.909	225.567	287.026	355.565	376.481
146.0	180.357	224.923	284.130	353.313	374.067
146.5	181.805	224.280	281.717	350.899	371.332
147.0	183.253	223.475	278.982	348.486	368.597
147.5	184.540	223.153	276.890	346.073	365.862
148.0	185.988	222.510	274.638	343.338	362.966
148.5	187.275	222.349	272.868	340.763	360.070
149.0	188.884	222.349	270.937	338.189	357.496
149.5	190.010	222.832	269.168	335.454	354.278
150.0	191.297	223.153	267.398	332.880	350.899
150.5	192.423	223.314	265.467	329.984	347.360
151.0	193.228	223.797	262.893	327.088	343.177
151.5	194.032	223.958	260.158	324.031	339.315
152.0	194.998	224.280	257.584	320.813	335.454
152.5	195.963	224.601	255.170	317.434	331.271
153.0	196.607	224.762	252.596	313.573	327.892
153.5	197.411	225.245	249.861	309.551	324.031
154.0	198.055	225.084	247.448	305.046	320.813
154.5	198.859	225.245	245.356	300.702	317.595
155.0	199.181	225.567	243.264	295.714	315.182
155.5	199.824	225.728	241.173	291.049	312.608
156.0	200.307	225.728	239.725	286.061	310.355
156.5	201.111	225.728	238.277	281.073	307.459
157.0	201.433	226.049	236.829	276.569	304.724
157.5	201.916	226.049	235.864	272.225	301.667
158.0	202.559	225.888	235.381	267.720	298.771
158.5	202.720	225.888	234.737	264.019	295.393
159.0	203.525	225.406	234.255	260.480	292.497
159.5	204.168	225.084	233.450	257.101	289.279
160.0	204.973	224.762	232.646	254.366	286.061
160.5	205.938	224.601	232.002	251.792	283.004
161.0	206.582	224.119	231.841	249.056	279.947
161.5	207.547	223.958	231.520	246.321	277.695
162.0	208.352	223.636	232.002	244.069	275.764
162.5	209.156	223.636	232.324	241.656	273.512
163.0	210.121	223.475	232.485	239.081	271.581
163.5	210.926	223.475	232.807	236.346	269.168
164.0	211.248	223.475	233.128	232.968	266.915
164.5	211.730	223.153	232.807	230.393	264.019
165.0	212.213	223.153	232.324	227.819	261.123
165.5	212.696	222.992	231.841	226.049	258.066
166.0	213.178	222.832	231.520	224.119	253.400
166.5	213.661	222.832	231.037	222.510	251.148

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	214.304	222.832	230.554	221.062	249.378
167.5	214.626	222.832	229.589	219.775	247.608
168.0	215.109	222.832	228.784	218.488	246.160
168.5	216.074	222.188	227.658	217.361	244.391
169.0	216.557	222.349	226.854	216.235	242.621
169.5	217.361	221.866	225.567	214.948	240.690
170.0	217.683	221.705	224.440	213.339	238.920
170.5	218.166	221.384	222.992	211.569	236.990
171.0	218.488	221.062	221.384	209.639	234.576
171.5	218.970	221.062	219.936	207.869	232.646
172.0	219.775	220.740	219.131	206.099	229.750
172.5	220.257	220.740	218.166	204.168	226.532
173.0	220.901	220.418	217.361	202.399	221.062
173.5	221.705	220.579	217.040	200.629	212.856
174.0	222.349	220.579	216.879	199.181	202.720
174.5	222.832	220.579	216.557	197.733	190.654
175.0	223.797	221.062	216.396	196.607	176.978
175.5	224.119	221.223	216.235	196.124	162.659
176.0	224.762	221.544	216.235	195.641	153.327
176.5	224.923	221.705	216.074	195.641	146.731
177.0	225.567	222.027	215.752	195.159	139.974
177.5	225.728	222.027	215.270	194.998	138.526
178.0	226.371	222.349	215.109	194.837	138.847
178.5	226.693	222.510	215.270	194.515	139.169
179.0	227.015	222.510	215.109	194.032	139.330
179.5	227.336	222.510	214.948	193.871	139.491
180.0	203.847	203.847	203.847	203.847	203.847

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1841.98	N.A.	11.70
0-30	3859.57	N.A.	24.50
0-40	6199.86	N.A.	39.40
0-60	10492.46	N.A.	66.70
0-80	13071.73	N.A.	83.10
0-90	13720.41	N.A.	87.30
10-90	13240.2	N.A.	84.20
20-40	4357.88	N.A.	27.70
20-50	6662.5	N.A.	42.40
40-70	5821.69	N.A.	37.00
60-80	2579.27	N.A.	16.40
70-80	1050.18	N.A.	6.70
80-90	648.68	N.A.	4.10
90-110	757.66	N.A.	4.80
90-120	1076.63	N.A.	6.80
90-130	1370.19	N.A.	8.70
90-150	1798.81	N.A.	11.40
90-180	2003.72	N.A.	12.70
110-180	1246.05	N.A.	7.90
0-180	15724.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	480.21
10-20	1361.77
20-30	2017.59
30-40	2340.29
40-50	2304.61
50-60	1987.98
60-70	1529.09
70-80	1050.18
80-90	648.68
90-100	415.61
100-110	342.05
110-120	318.97
120-130	293.56
130-140	246.69
140-150	181.93
150-160	118.95
160-170	65.54
170-180	20.42

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-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

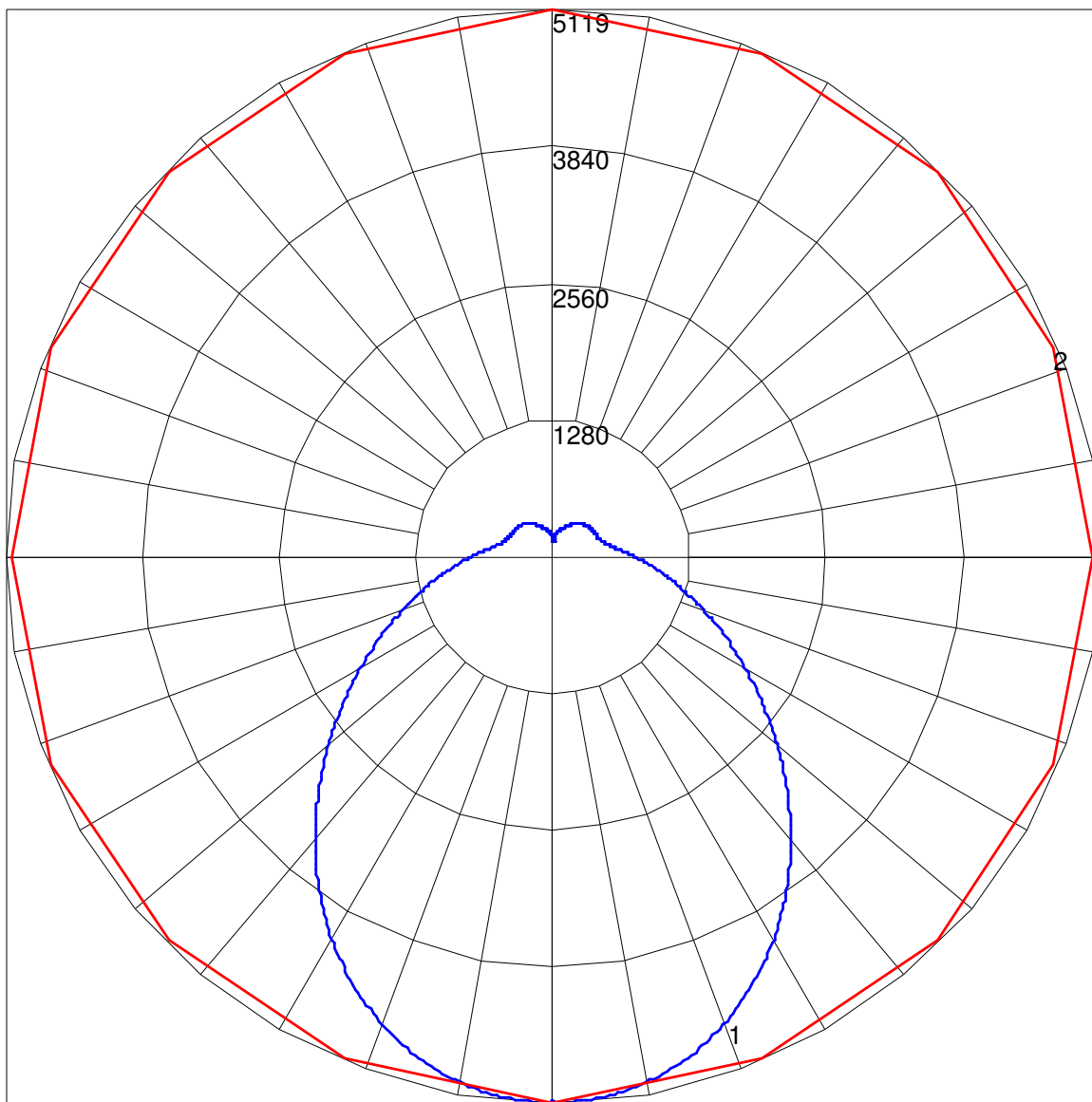
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L170-827-HE-DIM-UNV_.IES

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	25.7	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	22.9	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 = 5119.494 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.)