

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-827-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-L100-827-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	9288
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	172
Total Luminaire Watts	54.1
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	10274	9162	9012
55	8937	7861	7911
65	7570	6755	7051
75	6170	5932	6590
85	4846	5902	6963

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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	3005.950	3005.950	3005.950	3005.950	3005.950
0.5	2991.695	3003.099	3005.000	3004.050	3024.007
1.0	2991.695	3004.050	3004.050	3003.099	3023.057
1.5	2988.844	3004.050	3003.099	3002.149	3024.007
2.0	2987.894	3001.199	3003.099	3001.199	3021.156
2.5	2987.894	3001.199	3000.248	3000.248	3019.255
3.0	2985.043	2998.348	2998.348	2998.348	3017.355
3.5	2983.142	2995.497	2995.497	2996.447	3015.454
4.0	2981.241	2993.596	2993.596	2992.646	3013.553
4.5	2976.490	2990.745	2991.695	2990.745	3010.702
5.0	2973.639	2987.894	2987.894	2987.894	3007.851
5.5	2969.837	2984.092	2984.092	2985.043	3004.050
6.0	2967.936	2979.341	2980.291	2980.291	3000.248
6.5	2961.284	2975.539	2976.490	2976.490	2995.497
7.0	2957.483	2970.788	2971.738	2970.788	2991.695
7.5	2953.681	2965.085	2966.986	2966.986	2986.943
8.0	2948.930	2961.284	2961.284	2961.284	2980.291
8.5	2944.178	2954.632	2956.532	2956.532	2974.589
9.0	2936.575	2949.880	2950.830	2949.880	2967.936
9.5	2931.823	2943.227	2943.227	2943.227	2964.135
10.0	2924.220	2935.625	2935.625	2937.525	2956.532
10.5	2917.568	2928.972	2929.923	2929.923	2949.880
11.0	2910.916	2922.320	2923.270	2922.320	2942.277
11.5	2902.362	2914.717	2916.618	2914.717	2935.625
12.0	2894.760	2906.164	2908.065	2908.065	2927.072
12.5	2887.157	2897.611	2900.462	2898.561	2919.469
13.0	2878.604	2890.008	2891.909	2890.958	2910.916
13.5	2870.051	2880.504	2882.405	2882.405	2903.313
14.0	2859.597	2871.001	2872.902	2872.902	2892.859
14.5	2851.044	2861.498	2863.398	2863.398	2885.256
15.0	2842.491	2851.994	2852.944	2852.944	2873.852
15.5	2832.037	2840.590	2843.441	2843.441	2862.448
16.0	2820.633	2830.136	2832.987	2832.987	2852.944
16.5	2811.129	2818.732	2821.583	2822.533	2842.491
17.0	2797.824	2806.377	2810.179	2811.129	2831.086
17.5	2786.420	2794.973	2798.775	2799.725	2819.682
18.0	2775.966	2783.569	2786.420	2789.271	2809.228
18.5	2763.612	2772.165	2775.016	2776.917	2796.874
19.0	2751.257	2757.910	2762.661	2764.562	2783.569
19.5	2737.002	2746.505	2750.307	2754.108	2771.214
20.0	2721.796	2732.250	2737.002	2739.853	2757.910
20.5	2706.591	2719.896	2723.697	2727.498	2745.555
21.0	2694.236	2704.690	2707.541	2715.144	2732.250
21.5	2679.981	2690.435	2695.187	2698.988	2717.995
22.0	2664.776	2677.130	2681.882	2685.683	2705.640
22.5	2651.471	2660.024	2666.676	2672.378	2691.385
23.0	2635.315	2644.818	2651.471	2657.173	2676.180
23.5	2618.208	2628.662	2637.215	2642.918	2661.924
24.0	2601.102	2612.506	2621.060	2627.712	2646.719
24.5	2586.847	2596.350	2605.854	2611.556	2629.613
25.0	2570.691	2580.195	2590.648	2596.350	2614.407
25.5	2552.634	2564.039	2572.592	2581.145	2596.350
26.0	2535.528	2545.982	2557.386	2564.989	2582.095
26.5	2517.472	2527.925	2541.230	2547.883	2565.939

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CANDELA TABULATION - (Cont.)

27.0	2499.415	2508.918	2525.074	2533.628	2549.783
27.5	2478.507	2490.862	2507.018	2514.621	2533.628
28.0	2463.302	2472.805	2488.961	2497.514	2515.571
28.5	2443.344	2454.749	2470.905	2479.458	2497.514
29.0	2424.337	2435.742	2451.898	2462.351	2480.408
29.5	2404.380	2415.784	2432.891	2443.344	2461.401
30.0	2384.423	2396.777	2413.884	2427.189	2445.245
30.5	2363.515	2375.870	2395.827	2409.132	2426.238
31.0	2343.558	2355.912	2375.870	2390.125	2406.281
31.5	2322.650	2336.905	2356.863	2372.068	2389.175
32.0	2302.693	2315.047	2337.856	2352.111	2369.217
32.5	2280.835	2294.140	2317.899	2333.104	2350.210
33.0	2259.927	2274.183	2296.041	2314.097	2331.203
33.5	2239.970	2253.275	2277.034	2293.189	2311.246
34.0	2216.211	2231.417	2256.126	2274.183	2293.189
34.5	2194.353	2210.509	2236.169	2253.275	2272.282
35.0	2174.396	2187.701	2216.211	2234.268	2252.325
35.5	2148.737	2166.793	2194.353	2213.360	2231.417
36.0	2128.779	2143.985	2173.446	2192.453	2211.460
36.5	2104.070	2121.177	2151.588	2172.495	2192.453
37.0	2081.262	2099.319	2129.730	2150.637	2172.495
37.5	2057.503	2075.560	2108.822	2131.630	2150.637
38.0	2033.745	2052.751	2086.014	2109.772	2127.829
38.5	2009.035	2028.993	2064.156	2089.815	2106.921
39.0	1987.177	2005.234	2041.347	2067.957	2089.815
39.5	1962.468	1983.376	2019.489	2046.099	2067.007
40.0	1935.859	1958.667	1996.681	2026.142	2045.149
40.5	1911.150	1934.908	1974.823	2005.234	2024.241
41.0	1888.341	1911.150	1952.015	1983.376	2002.383
41.5	1863.632	1887.391	1929.206	1961.518	1981.475
42.0	1838.923	1863.632	1906.398	1940.610	1960.568
42.5	1815.164	1838.923	1882.639	1918.752	1938.710
43.0	1788.555	1815.164	1860.781	1897.845	1917.802
43.5	1765.746	1790.455	1837.022	1875.987	1896.894
44.0	1740.087	1765.746	1813.264	1855.079	1875.036
44.5	1716.328	1741.988	1789.505	1832.271	1853.178
45.0	1691.619	1717.279	1766.697	1812.313	1833.221
45.5	1666.910	1693.520	1743.888	1791.406	1812.313
46.0	1642.201	1668.811	1719.179	1768.597	1790.455
46.5	1617.492	1644.102	1698.272	1749.590	1769.548
47.0	1591.833	1620.343	1674.513	1726.782	1748.640
47.5	1567.124	1595.634	1650.754	1704.924	1726.782
48.0	1543.365	1570.925	1626.996	1684.967	1704.924
48.5	1516.755	1547.166	1605.138	1662.158	1684.016
49.0	1492.997	1521.507	1580.429	1640.300	1662.158
49.5	1468.288	1497.748	1557.620	1619.393	1641.251
50.0	1442.628	1473.039	1534.812	1596.584	1619.393
50.5	1418.869	1449.281	1511.053	1577.578	1599.436
51.0	1394.160	1424.572	1490.146	1555.720	1578.528
51.5	1370.402	1399.862	1466.387	1534.812	1557.620
52.0	1344.742	1376.104	1443.578	1512.954	1536.713
52.5	1320.033	1351.395	1421.720	1491.096	1516.755
53.0	1294.374	1327.636	1398.912	1472.089	1494.897
53.5	1269.665	1303.877	1377.054	1450.231	1474.940
54.0	1245.906	1280.119	1355.196	1429.323	1454.983
54.5	1223.098	1255.410	1333.338	1410.316	1435.025

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55.0	1199.339	1232.601	1311.480	1388.458	1416.969
55.5	1179.382	1208.843	1289.622	1368.501	1395.111
56.0	1156.573	1187.935	1268.714	1348.544	1375.153
56.5	1132.815	1166.077	1246.856	1328.586	1356.146
57.0	1110.006	1144.219	1225.949	1308.629	1336.189
57.5	1086.248	1121.411	1207.892	1289.622	1314.331
58.0	1062.489	1098.602	1186.985	1268.714	1298.175
58.5	1039.681	1075.794	1166.077	1250.658	1279.168
59.0	1016.872	1052.985	1146.120	1234.502	1259.211
59.5	994.064	1031.127	1128.063	1214.545	1244.005
60.0	971.256	1008.319	1108.106	1195.538	1224.998
60.5	948.922	986.461	1088.148	1177.481	1205.991
61.0	926.494	964.603	1068.191	1159.424	1187.935
61.5	904.256	942.935	1048.234	1141.368	1170.829
62.0	882.398	921.457	1029.227	1124.262	1152.772
62.5	860.825	900.170	1009.269	1107.155	1135.666
63.0	838.967	878.977	990.263	1089.099	1120.460
63.5	817.299	858.069	972.206	1071.992	1103.354
64.0	796.201	837.447	953.199	1053.936	1086.248
64.5	775.199	817.299	935.142	1036.830	1069.141
65.0	754.386	797.057	916.991	1019.723	1052.985
65.5	733.859	777.290	899.029	1002.617	1035.879
66.0	713.046	757.522	881.258	985.511	1019.723
66.5	692.709	738.230	863.581	969.355	1003.567
67.0	672.846	719.128	846.000	952.249	987.411
67.5	652.889	700.311	828.798	936.283	971.256
68.0	633.217	681.970	811.692	920.127	956.050
68.5	613.830	663.723	794.966	904.446	940.179
69.0	594.538	645.666	778.430	888.670	925.164
69.5	575.531	627.990	762.084	873.370	910.243
70.0	556.619	610.599	746.023	858.354	895.418
70.5	538.182	593.397	729.962	843.339	880.782
71.0	519.935	576.386	714.186	828.513	866.337
71.5	501.879	559.755	698.791	814.068	852.082
72.0	484.202	543.029	683.395	799.718	838.207
72.5	466.431	526.873	668.380	785.653	824.427
73.0	449.134	510.812	653.459	771.778	810.552
73.5	432.313	494.941	639.014	757.997	797.057
74.0	415.682	479.546	624.379	744.693	783.467
74.5	399.336	464.055	610.408	731.483	770.637
75.0	383.085	448.944	596.533	718.558	758.188
75.5	367.119	434.214	582.848	705.728	745.548
76.0	351.629	419.769	569.543	692.994	733.193
76.5	336.233	405.513	556.334	680.544	720.839
77.0	321.028	391.353	543.314	668.190	708.864
77.5	306.107	377.573	530.484	656.215	696.985
78.0	291.377	364.078	518.035	644.431	685.296
78.5	276.931	350.773	505.680	632.552	673.702
79.0	262.771	337.849	493.706	621.052	662.297
79.5	248.706	325.019	481.921	609.838	650.893
80.0	234.831	312.379	470.137	598.719	640.059
80.5	221.336	300.120	458.733	587.505	629.035
81.0	208.221	288.050	447.804	576.671	618.296
81.5	194.916	276.266	436.875	565.932	607.557
82.0	182.087	264.767	426.231	555.573	597.199
82.5	169.542	253.458	415.777	545.215	587.030

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CANDELA TABULATION - (Cont.)

83.0	157.188	242.434	405.513	535.236	577.146
83.5	144.928	231.695	395.725	525.067	566.883
84.0	132.954	221.241	386.221	515.469	557.094
84.5	121.074	211.167	376.908	505.965	547.495
85.0	109.670	201.379	367.785	496.557	537.897
85.5	98.266	192.065	358.851	487.433	528.584
86.0	87.052	183.132	350.108	478.500	519.365
86.5	75.933	174.769	341.840	469.567	510.147
87.0	65.004	166.691	333.477	461.109	501.118
87.5	54.075	159.183	325.589	452.556	492.470
88.0	43.241	151.866	317.796	444.288	483.727
88.5	32.312	145.023	310.289	436.115	475.269
89.0	22.333	138.561	303.161	428.227	466.906
89.5	14.160	132.574	296.223	420.624	458.733
90.0	8.458	127.252	289.856	413.401	451.225
90.5	5.987	122.595	283.964	406.179	443.242
91.0	6.367	118.318	277.977	398.861	435.639
91.5	7.603	114.232	271.990	391.923	428.037
92.0	9.028	110.811	266.287	384.891	420.624
92.5	10.549	107.864	261.441	378.143	413.306
93.0	12.069	105.299	256.404	371.776	406.274
93.5	13.685	103.303	251.652	365.504	399.621
94.0	15.396	101.592	247.185	359.612	393.159
94.5	17.011	100.357	243.004	353.624	386.506
95.0	18.627	99.406	239.108	347.732	380.139
95.5	20.147	98.741	235.496	342.125	373.867
96.0	21.383	98.456	232.360	336.708	367.690
96.5	22.618	98.456	229.224	331.671	361.988
97.0	23.759	98.551	226.373	326.825	356.285
97.5	24.994	98.931	223.712	322.168	351.059
98.0	26.040	99.311	221.336	317.606	345.737
98.5	27.275	99.787	219.340	313.235	340.795
99.0	28.510	100.357	217.250	309.148	335.948
99.5	29.841	101.022	215.444	305.252	331.196
100.0	30.981	101.687	214.018	301.640	326.920
100.5	32.312	102.448	212.593	298.124	322.548
101.0	33.452	103.208	211.547	294.798	318.652
101.5	34.593	103.968	210.502	291.662	314.660
102.0	35.638	104.728	209.742	288.716	311.144
102.5	36.683	105.489	208.982	285.960	307.628
103.0	37.729	106.344	208.411	283.204	304.491
103.5	38.869	107.199	207.936	280.828	301.260
104.0	40.105	107.960	207.461	278.642	298.314
104.5	41.340	108.815	207.176	276.551	295.558
105.0	42.481	109.670	206.891	274.651	292.897
105.5	43.526	110.430	206.606	272.655	290.616
106.0	44.761	111.381	206.511	270.944	288.336
106.5	45.902	112.236	206.511	269.329	286.055
107.0	47.042	113.186	206.511	267.808	284.154
107.5	48.088	113.947	206.511	266.668	282.158
108.0	49.418	114.897	206.511	265.337	280.163
108.5	50.654	115.847	206.606	264.387	278.832
109.0	51.889	116.608	206.796	263.151	277.502
109.5	53.219	117.463	206.891	262.296	276.076
110.0	54.550	118.318	207.081	261.346	274.936
110.5	55.880	119.174	207.271	260.490	273.890

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CANDELA TABULATION - (Cont.)

111.0	57.211	120.029	207.366	259.730	272.750
111.5	58.541	120.789	207.461	259.160	271.799
112.0	59.967	121.645	207.651	258.590	270.659
112.5	61.392	122.500	207.841	257.924	269.614
113.0	62.913	123.355	208.126	257.449	269.139
113.5	64.339	124.115	208.126	256.974	268.473
114.0	65.859	124.876	208.316	256.594	267.808
114.5	67.285	125.731	208.506	256.119	267.238
115.0	68.805	126.396	208.696	255.834	266.763
115.5	70.326	127.252	208.696	255.549	266.287
116.0	71.751	128.012	208.982	255.168	265.717
116.5	73.082	128.772	209.172	254.788	265.527
117.0	74.602	129.627	209.362	254.788	265.052
117.5	76.028	130.293	209.552	254.408	264.767
118.0	77.263	130.958	209.742	254.218	264.387
118.5	78.689	131.623	209.837	253.933	264.292
119.0	79.924	132.288	210.027	253.648	263.722
119.5	81.255	132.764	210.217	253.363	263.627
120.0	82.490	133.239	210.122	253.173	263.151
120.5	83.726	133.809	210.217	252.793	263.056
121.0	84.961	134.189	210.407	252.507	262.676
121.5	86.292	134.664	210.312	252.127	262.486
122.0	87.527	135.235	210.312	251.937	262.201
122.5	88.762	135.805	210.407	251.557	261.536
123.0	89.998	136.375	210.312	251.177	261.441
123.5	91.138	136.850	210.122	250.892	260.870
124.0	92.089	137.230	210.122	250.607	260.775
124.5	93.039	137.610	210.122	250.132	260.395
125.0	93.989	138.086	209.932	249.656	260.015
125.5	94.940	138.371	209.742	249.371	259.540
126.0	95.795	138.751	209.647	248.801	259.160
126.5	96.555	139.226	209.457	248.421	258.875
127.0	97.411	139.416	209.267	247.946	258.495
127.5	98.076	139.701	208.982	247.471	257.829
128.0	98.931	139.701	208.886	246.900	257.449
128.5	99.596	139.891	208.506	246.425	257.069
129.0	100.262	140.081	208.126	245.950	256.594
129.5	100.832	140.366	207.461	245.190	256.024
130.0	101.307	140.556	206.796	244.715	255.454
130.5	101.782	140.747	206.035	244.144	254.788
131.0	102.067	141.032	205.275	243.289	254.123
131.5	102.448	141.317	204.515	242.529	253.458
132.0	102.828	141.602	203.660	242.054	252.888
132.5	103.018	141.697	202.709	241.103	252.032
133.0	103.303	141.792	202.329	240.248	250.987
133.5	103.398	141.697	201.759	239.583	250.512
134.0	103.493	141.507	201.379	238.822	249.846
134.5	103.778	141.127	200.904	237.967	248.611
135.0	104.063	140.842	200.333	236.827	247.661
135.5	103.968	140.081	199.858	236.066	246.900
136.0	104.158	139.986	199.193	235.116	245.950
136.5	104.348	139.701	198.718	234.071	245.000
137.0	104.443	139.226	197.957	233.215	243.954
137.5	104.538	138.751	197.292	232.075	243.004
138.0	104.728	138.466	196.342	231.125	241.864
138.5	104.728	138.086	195.106	230.079	241.008

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	104.633	137.800	193.681	228.844	239.678
139.5	104.633	137.420	191.970	227.513	238.727
140.0	104.633	136.945	190.070	226.278	237.397
140.5	104.633	136.660	188.359	224.757	235.971
141.0	104.633	136.470	186.458	223.142	234.831
141.5	104.633	136.090	184.558	221.716	233.691
142.0	104.538	135.900	182.752	219.911	232.455
142.5	104.443	135.615	180.851	218.295	231.030
143.0	104.348	135.330	179.046	216.774	229.604
143.5	104.348	134.949	176.955	215.159	228.274
144.0	104.348	134.474	175.149	213.923	226.753
144.5	104.633	134.094	173.343	212.498	225.423
145.0	105.013	133.714	171.348	211.262	223.902
145.5	105.679	133.239	169.542	210.027	222.381
146.0	106.534	132.859	167.831	208.696	220.956
146.5	107.389	132.478	166.406	207.271	219.340
147.0	108.245	132.003	164.790	205.845	217.725
147.5	109.005	131.813	163.555	204.420	216.109
148.0	109.860	131.433	162.224	202.804	214.398
148.5	110.620	131.338	161.179	201.284	212.688
149.0	111.571	131.338	160.039	199.763	211.167
149.5	112.236	131.623	158.993	198.148	209.267
150.0	112.996	131.813	157.948	196.627	207.271
150.5	113.662	131.908	156.807	194.916	205.180
151.0	114.137	132.193	155.287	193.206	202.709
151.5	114.612	132.288	153.671	191.400	200.428
152.0	115.182	132.478	152.151	189.499	198.148
152.5	115.752	132.669	150.725	187.504	195.677
153.0	116.133	132.764	149.205	185.223	193.681
153.5	116.608	133.049	147.589	182.847	191.400
154.0	116.988	132.954	146.164	180.186	189.499
154.5	117.463	133.049	144.928	177.620	187.599
155.0	117.653	133.239	143.693	174.674	186.173
155.5	118.033	133.334	142.457	171.918	184.653
156.0	118.318	133.334	141.602	168.972	183.322
156.5	118.793	133.334	140.747	166.026	181.611
157.0	118.984	133.524	139.891	163.365	179.996
157.5	119.269	133.524	139.321	160.799	178.190
158.0	119.649	133.429	139.036	158.138	176.480
158.5	119.744	133.429	138.656	155.952	174.484
159.0	120.219	133.144	138.371	153.861	172.773
159.5	120.599	132.954	137.895	151.866	170.873
160.0	121.074	132.764	137.420	150.250	168.972
160.5	121.645	132.669	137.040	148.729	167.166
161.0	122.025	132.383	136.945	147.114	165.361
161.5	122.595	132.288	136.755	145.498	164.030
162.0	123.070	132.098	137.040	144.168	162.890
162.5	123.545	132.098	137.230	142.742	161.559
163.0	124.115	132.003	137.325	141.222	160.419
163.5	124.591	132.003	137.515	139.606	158.993
164.0	124.781	132.003	137.705	137.610	157.663
164.5	125.066	131.813	137.515	136.090	155.952
165.0	125.351	131.813	137.230	134.569	154.241
165.5	125.636	131.718	136.945	133.524	152.436
166.0	125.921	131.623	136.755	132.383	149.680
166.5	126.206	131.623	136.470	131.433	148.349

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	126.586	131.623	136.185	130.578	147.304
167.5	126.776	131.623	135.615	129.818	146.259
168.0	127.062	131.623	135.139	129.057	145.403
168.5	127.632	131.243	134.474	128.392	144.358
169.0	127.917	131.338	133.999	127.727	143.312
169.5	128.392	131.053	133.239	126.966	142.172
170.0	128.582	130.958	132.574	126.016	141.127
170.5	128.867	130.768	131.718	124.971	139.986
171.0	129.057	130.578	130.768	123.830	138.561
171.5	129.342	130.578	129.913	122.785	137.420
172.0	129.818	130.388	129.437	121.740	135.710
172.5	130.103	130.388	128.867	120.599	133.809
173.0	130.483	130.198	128.392	119.554	130.578
173.5	130.958	130.293	128.202	118.508	125.731
174.0	131.338	130.293	128.107	117.653	119.744
174.5	131.623	130.293	127.917	116.798	112.616
175.0	132.193	130.578	127.822	116.133	104.538
175.5	132.383	130.673	127.727	115.847	96.080
176.0	132.764	130.863	127.727	115.562	90.568
176.5	132.859	130.958	127.632	115.562	86.672
177.0	133.239	131.148	127.442	115.277	82.680
177.5	133.334	131.148	127.157	115.182	81.825
178.0	133.714	131.338	127.062	115.087	82.015
178.5	133.904	131.433	127.157	114.897	82.205
179.0	134.094	131.433	127.062	114.612	82.300
179.5	134.284	131.433	126.966	114.517	82.395
180.0	120.409	120.409	120.409	120.409	120.409

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1088.03	N.A.	11.70
0-30	2279.79	N.A.	24.50
0-40	3662.16	N.A.	39.40
0-60	6197.74	N.A.	66.70
0-80	7721.27	N.A.	83.10
0-90	8104.44	N.A.	87.30
10-90	7820.79	N.A.	84.20
20-40	2574.13	N.A.	27.70
20-50	3935.44	N.A.	42.40
40-70	3438.78	N.A.	37.00
60-80	1523.54	N.A.	16.40
70-80	620.33	N.A.	6.70
80-90	383.17	N.A.	4.10
90-110	447.54	N.A.	4.80
90-120	635.95	N.A.	6.80
90-130	809.35	N.A.	8.70
90-150	1062.53	N.A.	11.40
90-180	1183.56	N.A.	12.70
110-180	736.02	N.A.	7.90
0-180	9288.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	283.65
10-20	804.38
20-30	1191.76
30-40	1382.38
40-50	1361.3
50-60	1174.27
60-70	903.21
70-80	620.33
80-90	383.17
90-100	245.50
100-110	202.04
110-120	188.41
120-130	173.40
130-140	145.72
140-150	107.46
150-160	70.26
160-170	38.71
170-180	12.06

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-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

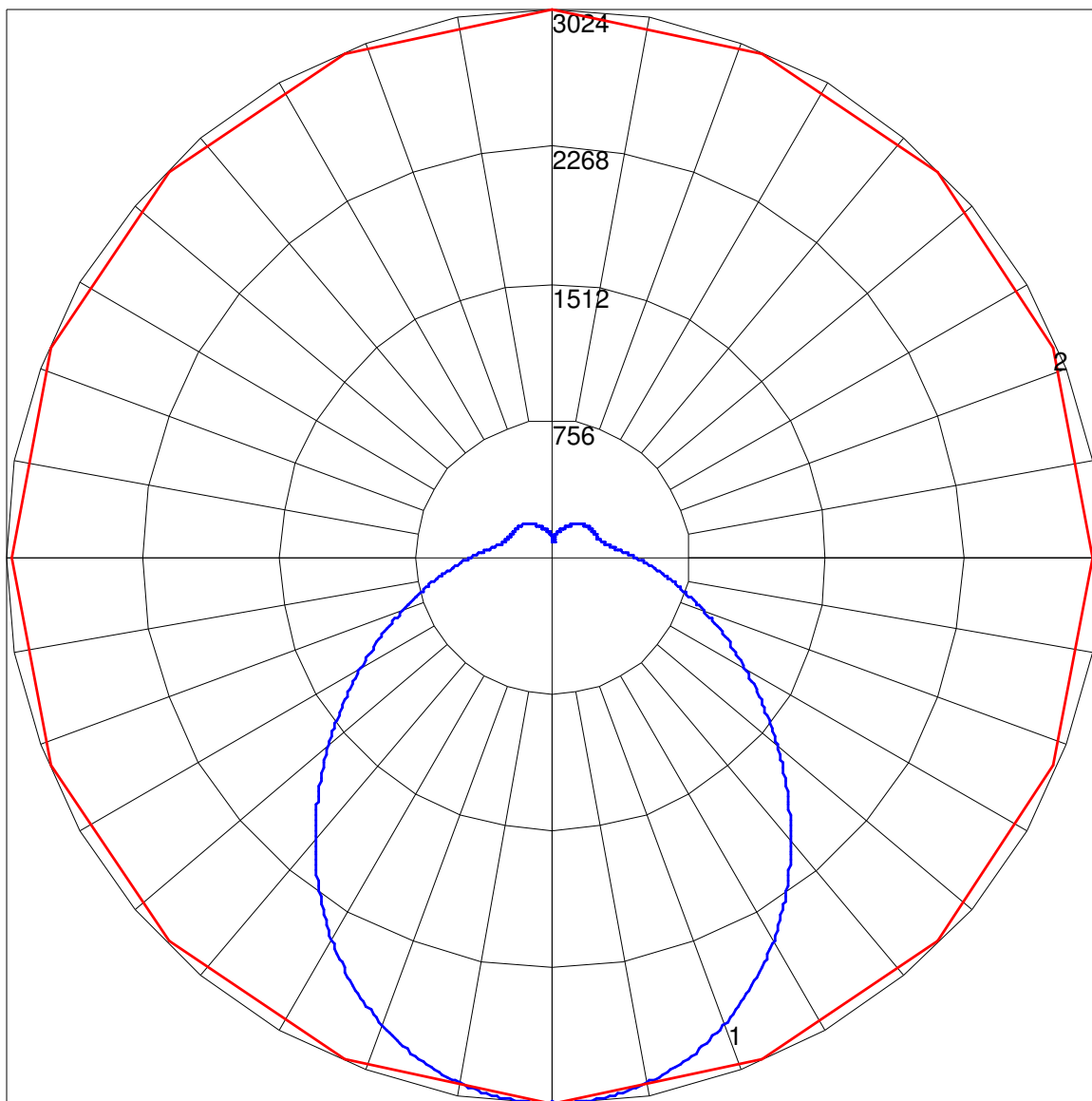
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-827-HE-DIM-UNV_.IES

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	17.1	18.5	17.6	19.0	19.6	18.8	20.2	19.4	20.7	21.3
	3H	18.5	19.7	19.0	20.3	20.9	21.0	22.3	21.6	22.8	23.5
	4H	18.9	20.1	19.5	20.6	21.3	22.1	23.3	22.7	23.8	24.5
	6H	19.2	20.3	19.8	20.9	21.6	23.2	24.3	23.8	24.9	25.6
	8H	19.3	20.3	19.9	20.9	21.6	23.9	24.9	24.5	25.5	26.2
	12H	19.3	20.3	19.9	20.9	21.6	24.6	25.5	25.2	26.2	26.9
4H	2H	17.8	19.0	18.4	19.6	20.3	19.2	20.4	19.8	21.0	21.6
	3H	19.4	20.4	20.0	21.1	21.7	21.7	22.6	22.3	23.3	24.0
	4H	20.0	20.9	20.6	21.5	22.3	22.9	23.8	23.5	24.4	25.2
	6H	20.4	21.2	21.1	21.9	22.6	24.3	25.0	24.9	25.7	26.4
	8H	20.5	21.3	21.2	21.9	22.7	25.0	25.7	25.6	26.4	27.1
	12H	20.6	21.3	21.3	22.0	22.7	25.8	26.5	26.5	27.2	27.9
8H	4H	20.6	21.3	21.2	22.0	22.7	23.1	23.8	23.8	24.5	25.3
	6H	21.2	21.8	21.8	22.5	23.2	24.6	25.3	25.3	26.0	26.7
	8H	21.4	21.9	22.1	22.6	23.4	25.5	26.1	26.2	26.8	27.5
	12H	21.5	22.0	22.2	22.7	23.5	26.5	27.0	27.2	27.7	28.5
12H	4H	20.8	21.4	21.4	22.1	22.9	23.1	23.8	23.8	24.5	25.2
	6H	21.4	22.0	22.1	22.7	23.5	24.7	25.2	25.4	25.9	26.7
	8H	21.7	22.2	22.4	22.9	23.7	25.6	26.1	26.3	26.8	27.6

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 3024.007 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.)