

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L100-835-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-L100-835-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	9568
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	65.9
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	10584	9439	9284
55	9207	8099	8150
65	7798	6958	7263
75	6356	6111	6789
85	4992	6080	7173

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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	3096.652	3096.652	3096.652	3096.652	3096.652
0.5	3081.967	3093.715	3095.673	3094.694	3115.254
1.0	3081.967	3094.694	3094.694	3093.715	3114.275
1.5	3079.030	3094.694	3093.715	3092.736	3115.254
2.0	3078.051	3091.757	3093.715	3091.757	3112.317
2.5	3078.051	3091.757	3090.778	3090.778	3110.359
3.0	3075.114	3088.820	3088.820	3088.820	3108.401
3.5	3073.156	3085.883	3085.883	3086.862	3106.443
4.0	3071.198	3083.925	3083.925	3082.946	3104.485
4.5	3066.303	3080.988	3081.967	3080.988	3101.547
5.0	3063.366	3078.051	3078.051	3078.051	3098.610
5.5	3059.449	3074.135	3074.135	3075.114	3094.694
6.0	3057.491	3069.240	3070.219	3070.219	3090.778
6.5	3050.638	3065.324	3066.303	3066.303	3085.883
7.0	3046.722	3060.428	3061.407	3060.428	3081.967
7.5	3042.806	3054.554	3056.512	3056.512	3077.072
8.0	3037.911	3050.638	3050.638	3050.638	3070.219
8.5	3033.016	3043.785	3045.743	3045.743	3064.345
9.0	3025.184	3038.890	3039.869	3038.890	3057.491
9.5	3020.288	3032.037	3032.037	3032.037	3053.575
10.0	3012.456	3024.205	3024.205	3026.163	3045.743
10.5	3005.603	3017.351	3018.330	3018.330	3038.890
11.0	2998.750	3010.498	3011.477	3010.498	3031.058
11.5	2989.939	3002.666	3004.624	3002.666	3024.205
12.0	2982.107	2993.855	2995.813	2995.813	3015.393
12.5	2974.274	2985.044	2987.981	2986.023	3007.561
13.0	2965.463	2977.211	2979.169	2978.190	2998.750
13.5	2956.652	2967.421	2969.379	2969.379	2990.918
14.0	2945.883	2957.631	2959.589	2959.589	2980.148
14.5	2937.071	2947.841	2949.799	2949.799	2972.316
15.0	2928.260	2938.050	2939.029	2939.029	2960.568
15.5	2917.491	2926.302	2929.239	2929.239	2948.820
16.0	2905.743	2915.533	2918.470	2918.470	2939.029
16.5	2895.952	2903.785	2906.722	2907.701	2928.260
17.0	2882.246	2891.057	2894.973	2895.952	2916.512
17.5	2870.498	2879.309	2883.225	2884.204	2904.764
18.0	2859.729	2867.561	2870.498	2873.435	2893.994
18.5	2847.001	2855.812	2858.750	2860.708	2881.267
19.0	2834.274	2841.127	2846.022	2847.980	2867.561
19.5	2819.589	2829.379	2833.295	2837.211	2854.833
20.0	2803.924	2814.693	2819.589	2822.526	2841.127
20.5	2788.260	2801.966	2805.882	2809.798	2828.400
21.0	2775.533	2786.302	2789.239	2797.071	2814.693
21.5	2760.847	2771.616	2776.512	2780.428	2800.008
22.0	2745.183	2757.910	2762.805	2766.721	2787.281
22.5	2731.476	2740.288	2747.141	2753.015	2772.595
23.0	2714.833	2724.623	2731.476	2737.351	2756.931
23.5	2697.211	2707.980	2716.791	2722.665	2742.246
24.0	2679.588	2691.336	2700.148	2707.001	2726.581
24.5	2664.903	2674.693	2684.483	2690.357	2708.959
25.0	2648.259	2658.050	2668.819	2674.693	2693.295
25.5	2629.658	2641.406	2650.217	2659.029	2674.693
26.0	2612.036	2622.805	2634.553	2642.385	2660.008
26.5	2593.434	2604.203	2617.910	2624.763	2643.364

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CANDELA TABULATION - (Cont.)

27.0	2574.833	2584.623	2601.266	2610.077	2626.721
27.5	2553.294	2566.021	2582.665	2590.497	2610.077
28.0	2537.630	2547.420	2564.063	2572.875	2591.476
28.5	2517.070	2528.819	2545.462	2554.273	2572.875
29.0	2497.490	2509.238	2525.881	2536.651	2555.252
29.5	2476.930	2488.679	2506.301	2517.070	2535.672
30.0	2456.371	2469.098	2486.720	2500.427	2519.028
30.5	2434.832	2447.560	2468.119	2481.825	2499.448
31.0	2414.273	2427.000	2447.560	2462.245	2478.888
31.5	2392.734	2407.420	2427.979	2443.643	2461.266
32.0	2372.175	2384.902	2408.399	2423.084	2440.706
32.5	2349.657	2363.363	2387.839	2403.503	2421.126
33.0	2328.119	2342.804	2365.322	2383.923	2401.545
33.5	2307.559	2321.265	2345.741	2362.384	2380.986
34.0	2283.084	2298.748	2324.203	2342.804	2362.384
34.5	2260.566	2277.209	2303.643	2321.265	2340.846
35.0	2240.006	2253.713	2283.084	2301.685	2320.286
35.5	2213.573	2232.174	2260.566	2280.146	2298.748
36.0	2193.013	2208.678	2239.027	2258.608	2278.188
36.5	2167.559	2185.181	2216.510	2238.048	2258.608
37.0	2144.062	2162.664	2193.992	2215.531	2238.048
37.5	2119.587	2138.188	2172.454	2195.950	2215.531
38.0	2095.111	2114.691	2148.957	2173.433	2192.034
38.5	2069.656	2090.216	2126.440	2152.873	2170.496
39.0	2047.139	2065.740	2102.943	2130.356	2152.873
39.5	2021.684	2043.223	2080.426	2107.838	2129.377
40.0	1994.272	2017.768	2056.929	2087.279	2106.859
40.5	1968.817	1993.292	2034.411	2065.740	2085.321
41.0	1945.320	1968.817	2010.915	2043.223	2062.803
41.5	1919.866	1944.341	1987.418	2020.705	2041.265
42.0	1894.411	1919.866	1963.922	1999.167	2019.726
42.5	1869.935	1894.411	1939.446	1976.649	1997.209
43.0	1842.523	1869.935	1916.929	1955.111	1975.670
43.5	1819.026	1844.481	1892.453	1932.593	1954.132
44.0	1792.593	1819.026	1867.977	1911.054	1931.614
44.5	1768.117	1794.551	1843.502	1887.558	1909.096
45.0	1742.662	1769.096	1820.005	1866.998	1888.537
45.5	1717.208	1744.620	1796.509	1845.460	1866.998
46.0	1691.753	1719.166	1771.054	1821.963	1844.481
46.5	1666.299	1693.711	1749.516	1802.383	1822.942
47.0	1639.865	1669.236	1725.040	1778.886	1801.404
47.5	1614.410	1643.781	1700.564	1756.369	1778.886
48.0	1589.935	1618.326	1676.089	1735.809	1756.369
48.5	1562.522	1593.851	1653.571	1712.313	1734.830
49.0	1538.046	1567.417	1628.117	1689.795	1712.313
49.5	1512.592	1542.942	1604.620	1668.257	1690.774
50.0	1486.158	1517.487	1581.123	1644.760	1668.257
50.5	1461.683	1493.011	1556.648	1625.180	1647.697
51.0	1436.228	1467.557	1535.109	1602.662	1626.159
51.5	1411.752	1442.102	1510.634	1581.123	1604.620
52.0	1385.319	1417.626	1487.137	1558.606	1583.082
52.5	1359.864	1392.172	1464.620	1536.088	1562.522
53.0	1333.430	1367.696	1441.123	1516.508	1540.004
53.5	1307.976	1343.221	1418.606	1493.990	1519.445
54.0	1283.500	1318.745	1396.088	1472.452	1498.885
54.5	1260.004	1293.290	1373.570	1452.871	1478.326

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55.0	1235.528	1269.794	1351.053	1430.354	1459.725
55.5	1214.969	1245.318	1328.535	1409.794	1437.207
56.0	1191.472	1223.780	1306.997	1389.235	1416.647
56.5	1166.996	1201.262	1284.479	1368.675	1397.067
57.0	1143.500	1178.745	1262.941	1348.116	1376.507
57.5	1119.024	1155.248	1244.339	1328.535	1353.990
58.0	1094.549	1131.752	1222.801	1306.997	1337.347
58.5	1071.052	1108.255	1201.262	1288.395	1317.766
59.0	1047.555	1084.758	1180.703	1271.752	1297.207
59.5	1024.059	1062.241	1162.101	1251.192	1281.542
60.0	1000.562	1038.744	1141.542	1231.612	1261.962
60.5	977.555	1016.227	1120.982	1213.011	1242.381
61.0	954.450	993.709	1100.423	1194.409	1223.780
61.5	931.541	971.387	1079.863	1175.808	1206.157
62.0	909.024	949.261	1060.283	1158.185	1187.556
62.5	886.800	927.331	1039.723	1140.563	1169.933
63.0	864.282	905.499	1020.143	1121.961	1154.269
63.5	841.960	883.961	1001.541	1104.339	1136.647
64.0	820.226	862.716	981.961	1085.737	1119.024
64.5	798.590	841.960	963.359	1068.115	1101.402
65.0	777.149	821.107	944.660	1050.493	1084.758
65.5	756.002	800.744	926.157	1032.870	1067.136
66.0	734.562	780.380	907.849	1015.248	1050.493
66.5	713.610	760.506	889.639	998.604	1033.849
67.0	693.149	740.827	871.527	980.982	1017.206
67.5	672.589	721.443	853.807	964.534	1000.562
68.0	652.324	702.547	836.184	947.891	984.898
68.5	632.351	683.750	818.953	931.737	968.548
69.0	612.477	665.149	801.918	915.485	953.080
69.5	592.897	646.939	785.079	899.723	937.709
70.0	573.414	629.023	768.534	884.254	922.436
70.5	554.421	611.302	751.988	868.786	907.359
71.0	535.624	593.778	735.736	853.513	892.478
71.5	517.022	576.645	719.876	838.632	877.793
72.0	498.813	559.414	704.016	823.849	863.499
72.5	480.505	542.771	688.547	809.359	849.303
73.0	462.687	526.225	673.177	795.065	835.009
73.5	445.358	509.876	658.296	780.869	821.107
74.0	428.225	494.015	643.219	767.163	807.107
74.5	411.386	478.057	628.827	753.555	793.890
75.0	394.644	462.491	614.533	740.240	781.065
75.5	378.197	447.316	600.435	727.023	768.044
76.0	362.239	432.435	586.729	713.904	755.317
76.5	346.379	417.749	573.121	701.079	742.590
77.0	330.714	403.162	559.708	688.352	730.254
77.5	315.344	388.966	546.491	676.016	718.016
78.0	300.169	375.064	533.666	663.876	705.974
78.5	285.288	361.358	520.939	651.638	694.030
79.0	270.700	348.043	508.603	639.792	682.282
79.5	256.211	334.826	496.463	628.240	670.533
80.0	241.917	321.805	484.323	616.785	659.373
80.5	228.015	309.176	472.575	605.233	648.016
81.0	214.504	296.742	461.316	594.072	636.953
81.5	200.798	284.602	450.057	583.009	625.890
82.0	187.581	272.756	439.092	572.337	615.219
82.5	174.658	261.106	428.323	561.666	604.743

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83.0	161.931	249.749	417.749	551.386	594.561
83.5	149.301	238.686	407.666	540.911	583.988
84.0	136.965	227.917	397.875	531.023	573.904
84.5	124.728	217.539	388.281	521.232	564.016
85.0	112.979	207.455	378.882	511.540	554.127
85.5	101.231	197.861	369.679	502.141	544.533
86.0	89.679	188.658	360.672	492.938	535.037
86.5	78.224	180.042	352.155	483.736	525.540
87.0	66.965	171.721	343.539	475.022	516.239
87.5	55.706	163.986	335.414	466.211	507.330
88.0	44.546	156.448	327.386	457.694	498.323
88.5	33.287	149.399	319.651	449.274	489.610
89.0	23.007	142.742	312.309	441.148	480.994
89.5	14.587	136.574	305.162	433.316	472.575
90.0	8.713	131.091	298.602	425.875	464.841
90.5	6.168	126.294	292.532	418.435	456.617
91.0	6.559	121.888	286.364	410.896	448.785
91.5	7.832	117.679	280.197	403.749	440.952
92.0	9.301	114.154	274.322	396.505	433.316
92.5	10.867	111.119	269.329	389.554	425.777
93.0	12.434	108.476	264.141	382.994	418.533
93.5	14.098	106.420	259.246	376.533	411.680
94.0	15.860	104.658	254.644	370.463	405.022
94.5	17.525	103.385	250.336	364.295	398.169
95.0	19.189	102.406	246.322	358.225	391.610
95.5	20.755	101.721	242.602	352.449	385.148
96.0	22.028	101.427	239.371	346.868	378.784
96.5	23.301	101.427	236.141	341.679	372.910
97.0	24.476	101.525	233.203	336.686	367.036
97.5	25.748	101.916	230.462	331.889	361.651
98.0	26.825	102.308	228.015	327.190	356.169
98.5	28.098	102.798	225.959	322.686	351.078
99.0	29.371	103.385	223.805	318.476	346.085
99.5	30.741	104.070	221.945	314.462	341.190
100.0	31.916	104.756	220.476	310.742	336.784
100.5	33.287	105.539	219.008	307.120	332.281
101.0	34.462	106.322	217.931	303.693	328.267
101.5	35.636	107.105	216.854	300.462	324.155
102.0	36.713	107.888	216.071	297.427	320.532
102.5	37.790	108.672	215.287	294.588	316.910
103.0	38.867	109.553	214.700	291.749	313.679
103.5	40.042	110.434	214.210	289.302	310.351
104.0	41.315	111.217	213.721	287.050	307.316
104.5	42.588	112.098	213.427	284.896	304.476
105.0	43.762	112.979	213.133	282.938	301.735
105.5	44.839	113.763	212.840	280.882	299.385
106.0	46.112	114.742	212.742	279.120	297.036
106.5	47.287	115.623	212.742	277.455	294.686
107.0	48.462	116.602	212.742	275.889	292.728
107.5	49.539	117.385	212.742	274.714	290.672
108.0	50.909	118.364	212.742	273.343	288.616
108.5	52.182	119.343	212.840	272.364	287.246
109.0	53.455	120.126	213.036	271.092	285.875
109.5	54.825	121.007	213.133	270.211	284.406
110.0	56.196	121.888	213.329	269.232	283.232
110.5	57.567	122.770	213.525	268.350	282.155

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CANDELA TABULATION - (Cont.)

111.0	58.937	123.651	213.623	267.567	280.980
111.5	60.308	124.434	213.721	266.980	280.001
112.0	61.776	125.315	213.917	266.392	278.826
112.5	63.245	126.196	214.113	265.707	277.749
113.0	64.811	127.077	214.406	265.218	277.260
113.5	66.280	127.861	214.406	264.728	276.574
114.0	67.846	128.644	214.602	264.336	275.889
114.5	69.315	129.525	214.798	263.847	275.301
115.0	70.881	130.210	214.994	263.553	274.812
115.5	72.448	131.091	214.994	263.260	274.322
116.0	73.916	131.875	215.287	262.868	273.735
116.5	75.287	132.658	215.483	262.476	273.539
117.0	76.853	133.539	215.679	262.476	273.050
117.5	78.322	134.224	215.875	262.085	272.756
118.0	79.595	134.909	216.071	261.889	272.364
118.5	81.063	135.595	216.168	261.595	272.267
119.0	82.336	136.280	216.364	261.301	271.679
119.5	83.707	136.770	216.560	261.008	271.581
120.0	84.979	137.259	216.462	260.812	271.092
120.5	86.252	137.847	216.560	260.420	270.994
121.0	87.525	138.238	216.756	260.127	270.602
121.5	88.895	138.728	216.658	259.735	270.406
122.0	90.168	139.315	216.658	259.539	270.113
122.5	91.441	139.903	216.756	259.148	269.427
123.0	92.714	140.490	216.658	258.756	269.329
123.5	93.888	140.979	216.462	258.462	268.742
124.0	94.867	141.371	216.462	258.169	268.644
124.5	95.846	141.763	216.462	257.679	268.253
125.0	96.825	142.252	216.266	257.190	267.861
125.5	97.804	142.546	216.071	256.896	267.371
126.0	98.686	142.937	215.973	256.308	266.980
126.5	99.469	143.427	215.777	255.917	266.686
127.0	100.350	143.623	215.581	255.427	266.294
127.5	101.035	143.917	215.287	254.938	265.609
128.0	101.916	143.917	215.189	254.350	265.218
128.5	102.602	144.112	214.798	253.861	264.826
129.0	103.287	144.308	214.406	253.371	264.336
129.5	103.874	144.602	213.721	252.588	263.749
130.0	104.364	144.798	213.036	252.099	263.162
130.5	104.853	144.993	212.252	251.511	262.476
131.0	105.147	145.287	211.469	250.630	261.791
131.5	105.539	145.581	210.686	249.847	261.106
132.0	105.930	145.875	209.805	249.357	260.518
132.5	106.126	145.972	208.826	248.378	259.637
133.0	106.420	146.070	208.434	247.497	258.560
133.5	106.518	145.972	207.847	246.812	258.071
134.0	106.616	145.777	207.455	246.029	257.385
134.5	106.909	145.385	206.966	245.148	256.113
135.0	107.203	145.091	206.378	243.973	255.134
135.5	107.105	144.308	205.889	243.190	254.350
136.0	107.301	144.210	205.203	242.210	253.371
136.5	107.497	143.917	204.714	241.134	252.392
137.0	107.595	143.427	203.931	240.252	251.315
137.5	107.693	142.937	203.245	239.078	250.336
138.0	107.888	142.644	202.266	238.099	249.162
138.5	107.888	142.252	200.994	237.022	248.280

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	107.791	141.958	199.525	235.749	246.910
139.5	107.791	141.567	197.763	234.378	245.931
140.0	107.791	141.077	195.805	233.106	244.560
140.5	107.791	140.784	194.043	231.539	243.092
141.0	107.791	140.588	192.084	229.875	241.917
141.5	107.791	140.196	190.126	228.406	240.742
142.0	107.693	140.000	188.266	226.546	239.469
142.5	107.595	139.707	186.308	224.882	238.001
143.0	107.497	139.413	184.448	223.315	236.532
143.5	107.497	139.021	182.294	221.651	235.162
144.0	107.497	138.532	180.434	220.378	233.595
144.5	107.791	138.140	178.574	218.910	232.224
145.0	108.182	137.749	176.518	217.637	230.658
145.5	108.867	137.259	174.658	216.364	229.092
146.0	109.749	136.868	172.896	214.994	227.623
146.5	110.630	136.476	171.427	213.525	225.959
147.0	111.511	135.986	169.763	212.057	224.294
147.5	112.294	135.791	168.490	210.588	222.630
148.0	113.175	135.399	167.119	208.924	220.868
148.5	113.958	135.301	166.042	207.357	219.106
149.0	114.937	135.301	164.868	205.791	217.539
149.5	115.623	135.595	163.791	204.126	215.581
150.0	116.406	135.791	162.714	202.560	213.525
150.5	117.091	135.889	161.539	200.798	211.371
151.0	117.581	136.182	159.972	199.036	208.826
151.5	118.070	136.280	158.308	197.175	206.476
152.0	118.658	136.476	156.742	195.217	204.126
152.5	119.245	136.672	155.273	193.161	201.581
153.0	119.637	136.770	153.707	190.812	199.525
153.5	120.126	137.063	152.042	188.364	197.175
154.0	120.518	136.965	150.574	185.623	195.217
154.5	121.007	137.063	149.301	182.980	193.259
155.0	121.203	137.259	148.028	179.945	191.791
155.5	121.595	137.357	146.756	177.105	190.224
156.0	121.888	137.357	145.875	174.070	188.854
156.5	122.378	137.357	144.993	171.035	187.091
157.0	122.574	137.553	144.112	168.294	185.427
157.5	122.867	137.553	143.525	165.651	183.567
158.0	123.259	137.455	143.231	162.910	181.805
158.5	123.357	137.455	142.840	160.658	179.749
159.0	123.847	137.161	142.546	158.504	177.987
159.5	124.238	136.965	142.056	156.448	176.028
160.0	124.728	136.770	141.567	154.784	174.070
160.5	125.315	136.672	141.175	153.217	172.210
161.0	125.707	136.378	141.077	151.553	170.350
161.5	126.294	136.280	140.882	149.889	168.980
162.0	126.784	136.084	141.175	148.518	167.805
162.5	127.273	136.084	141.371	147.049	166.434
163.0	127.861	135.986	141.469	145.483	165.259
163.5	128.350	135.986	141.665	143.819	163.791
164.0	128.546	135.986	141.861	141.763	162.420
164.5	128.840	135.791	141.665	140.196	160.658
165.0	129.133	135.791	141.371	138.630	158.896
165.5	129.427	135.693	141.077	137.553	157.035
166.0	129.721	135.595	140.882	136.378	154.196
166.5	130.014	135.595	140.588	135.399	152.826

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	130.406	135.595	140.294	134.518	151.749
167.5	130.602	135.595	139.707	133.735	150.672
168.0	130.895	135.595	139.217	132.951	149.791
168.5	131.483	135.203	138.532	132.266	148.714
169.0	131.777	135.301	138.042	131.581	147.637
169.5	132.266	135.007	137.259	130.798	146.462
170.0	132.462	134.909	136.574	129.819	145.385
170.5	132.756	134.714	135.693	128.742	144.210
171.0	132.951	134.518	134.714	127.567	142.742
171.5	133.245	134.518	133.833	126.490	141.567
172.0	133.735	134.322	133.343	125.413	139.805
172.5	134.028	134.322	132.756	124.238	137.847
173.0	134.420	134.126	132.266	123.161	134.518
173.5	134.909	134.224	132.070	122.084	129.525
174.0	135.301	134.224	131.972	121.203	123.357
174.5	135.595	134.224	131.777	120.322	116.014
175.0	136.182	134.518	131.679	119.637	107.693
175.5	136.378	134.616	131.581	119.343	98.979
176.0	136.770	134.812	131.581	119.049	93.301
176.5	136.868	134.909	131.483	119.049	89.287
177.0	137.259	135.105	131.287	118.756	85.175
177.5	137.357	135.105	130.993	118.658	84.294
178.0	137.749	135.301	130.895	118.560	84.490
178.5	137.944	135.399	130.993	118.364	84.686
179.0	138.140	135.399	130.895	118.070	84.783
179.5	138.336	135.399	130.798	117.972	84.881
180.0	124.042	124.042	124.042	124.042	124.042

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1120.86	N.A.	11.70
0-30	2348.58	N.A.	24.50
0-40	3772.67	N.A.	39.40
0-60	6384.75	N.A.	66.70
0-80	7954.25	N.A.	83.10
0-90	8348.98	N.A.	87.30
10-90	8056.77	N.A.	84.20
20-40	2651.81	N.A.	27.70
20-50	4054.18	N.A.	42.40
40-70	3542.54	N.A.	37.00
60-80	1569.51	N.A.	16.40
70-80	639.05	N.A.	6.70
80-90	394.73	N.A.	4.10
90-110	461.04	N.A.	4.80
90-120	655.14	N.A.	6.80
90-130	833.77	N.A.	8.70
90-150	1094.59	N.A.	11.40
90-180	1219.28	N.A.	12.70
110-180	758.23	N.A.	7.90
0-180	9568.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	292.21
10-20	828.65
20-30	1227.72
30-40	1424.09
40-50	1402.38
50-60	1209.7
60-70	930.46
70-80	639.05
80-90	394.73
90-100	252.90
100-110	208.14
110-120	194.10
120-130	178.63
130-140	150.11
140-150	110.70
150-160	72.38
160-170	39.88
170-180	12.42

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L100-835-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-L100-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

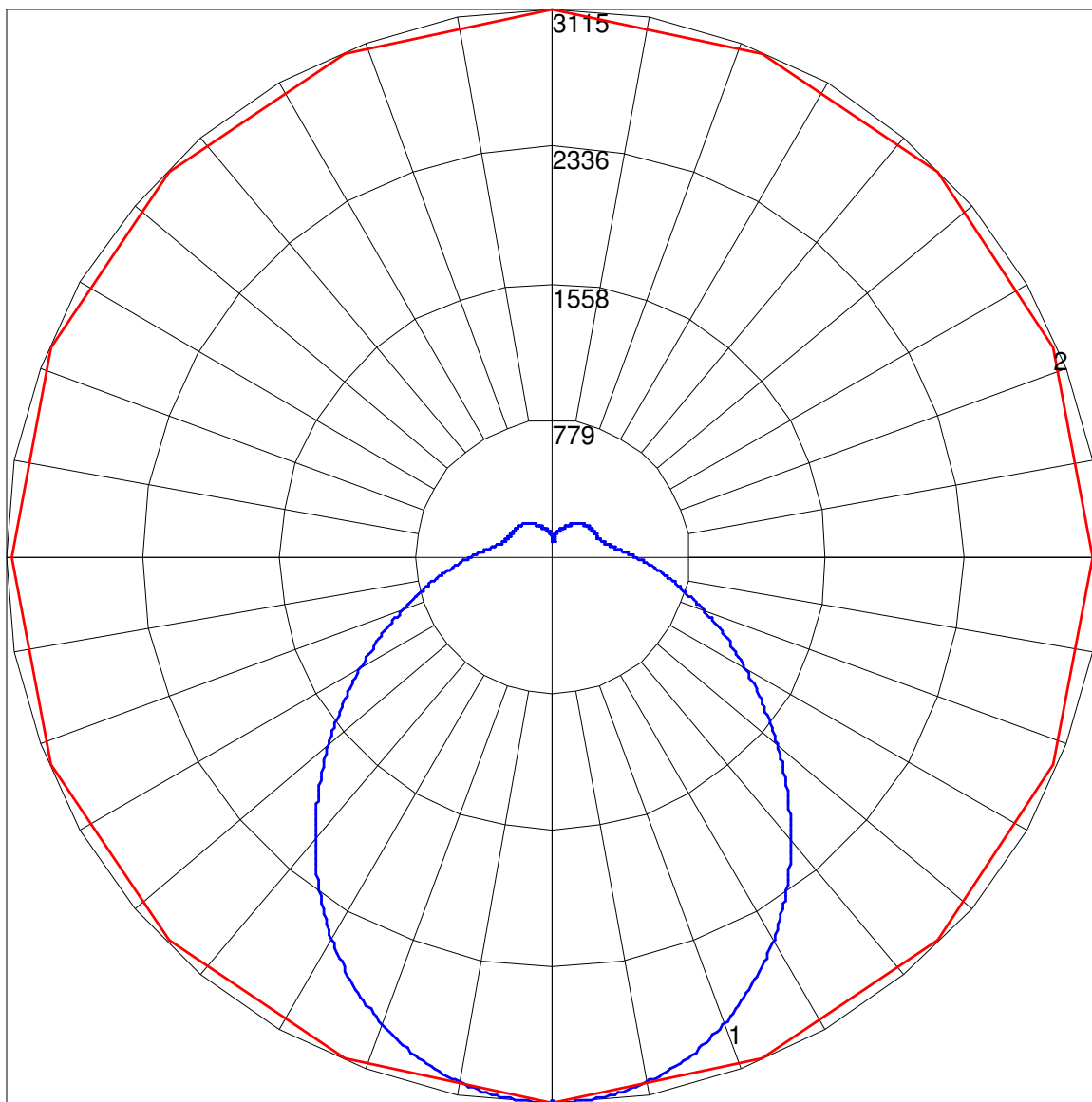
Reflectances

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	17.3	18.7	17.8	19.2	19.8	19.0	20.4	19.6	20.9	21.5
	3H	18.7	19.9	19.2	20.5	21.1	21.2	22.5	21.8	23.0	23.7
	4H	19.1	20.3	19.7	20.8	21.5	22.3	23.5	22.9	24.0	24.7
	6H	19.4	20.5	20.0	21.1	21.8	23.4	24.5	24.0	25.1	25.8
	8H	19.5	20.5	20.1	21.1	21.8	24.1	25.1	24.7	25.7	26.4
	12H	19.5	20.5	20.1	21.1	21.8	24.8	25.7	25.4	26.4	27.1
4H	2H	18.0	19.2	18.6	19.8	20.5	19.4	20.6	20.0	21.2	21.8
	3H	19.6	20.6	20.2	21.3	21.9	21.9	22.8	22.5	23.5	24.2
	4H	20.2	21.1	20.8	21.7	22.5	23.1	24.0	23.7	24.6	25.4
	6H	20.6	21.4	21.3	22.1	22.8	24.5	25.2	25.1	25.9	26.6
	8H	20.7	21.5	21.4	22.1	22.9	25.2	25.9	25.8	26.6	27.3
	12H	20.8	21.5	21.5	22.2	22.9	26.0	26.7	26.7	27.4	28.1
8H	4H	20.8	21.5	21.4	22.2	22.9	23.3	24.0	24.0	24.7	25.5
	6H	21.4	22.0	22.0	22.7	23.4	24.8	25.5	25.5	26.2	26.9
	8H	21.6	22.1	22.3	22.8	23.6	25.7	26.3	26.4	27.0	27.7
	12H	21.7	22.2	22.4	22.9	23.7	26.7	27.2	27.4	27.9	28.7
12H	4H	21.0	21.6	21.6	22.3	23.1	23.3	24.0	24.0	24.7	25.4
	6H	21.6	22.2	22.3	22.9	23.7	24.9	25.4	25.6	26.1	26.9
	8H	21.9	22.4	22.6	23.1	23.9	25.8	26.3	26.5	27.0	27.8

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 3115.254 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.)