

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-940-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-L130-940-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	10624
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	87.9
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	11751	10480	10308
55	10223	8992	9049
65	8659	7726	8065
75	7058	6785	7538
85	5543	6751	7964

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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	3438.289	3438.289	3438.289	3438.289	3438.289
0.5	3421.983	3435.027	3437.201	3436.114	3458.942
1.0	3421.983	3436.114	3436.114	3435.027	3457.855
1.5	3418.722	3436.114	3435.027	3433.940	3458.942
2.0	3417.635	3432.853	3435.027	3432.853	3455.681
2.5	3417.635	3432.853	3431.766	3431.766	3453.507
3.0	3414.374	3429.592	3429.592	3429.592	3451.333
3.5	3412.200	3426.331	3426.331	3427.418	3449.159
4.0	3410.026	3424.157	3424.157	3423.070	3446.985
4.5	3404.590	3420.896	3421.983	3420.896	3443.724
5.0	3401.329	3417.635	3417.635	3417.635	3440.463
5.5	3396.981	3413.287	3413.287	3414.374	3436.114
6.0	3394.807	3407.852	3408.939	3408.939	3431.766
6.5	3387.198	3403.503	3404.590	3404.590	3426.331
7.0	3382.850	3398.068	3399.155	3398.068	3421.983
7.5	3378.502	3391.546	3393.720	3393.720	3416.548
8.0	3373.066	3387.198	3387.198	3387.198	3408.939
8.5	3367.631	3379.589	3381.763	3381.763	3402.416
9.0	3358.935	3374.153	3375.241	3374.153	3394.807
9.5	3353.500	3366.544	3366.544	3366.544	3390.459
10.0	3344.804	3357.848	3357.848	3360.022	3381.763
10.5	3337.194	3350.239	3351.326	3351.326	3374.153
11.0	3329.585	3342.630	3343.717	3342.630	3365.457
11.5	3319.802	3333.933	3336.107	3333.933	3357.848
12.0	3311.106	3324.150	3326.324	3326.324	3348.065
12.5	3302.409	3314.367	3317.628	3315.454	3339.368
13.0	3292.626	3305.670	3307.844	3306.757	3329.585
13.5	3282.843	3294.800	3296.974	3296.974	3320.889
14.0	3270.885	3283.930	3286.104	3286.104	3308.931
14.5	3261.102	3273.059	3275.233	3275.233	3300.235
15.0	3251.319	3262.189	3263.276	3263.276	3287.191
15.5	3239.361	3249.145	3252.406	3252.406	3274.146
16.0	3226.317	3237.187	3240.448	3240.448	3263.276
16.5	3215.447	3224.143	3227.404	3228.491	3251.319
17.0	3200.228	3210.011	3214.359	3215.447	3238.274
17.5	3187.184	3196.967	3201.315	3202.402	3225.230
18.0	3175.226	3183.923	3187.184	3190.445	3213.272
18.5	3161.095	3170.878	3174.139	3176.313	3199.141
19.0	3146.963	3154.573	3160.008	3162.182	3183.923
19.5	3130.658	3141.528	3145.876	3150.224	3169.791
20.0	3113.265	3125.223	3130.658	3133.919	3154.573
20.5	3095.873	3111.091	3115.439	3119.788	3140.441
21.0	3081.741	3093.699	3096.960	3105.656	3125.223
21.5	3065.436	3077.393	3082.828	3087.177	3108.917
22.0	3048.043	3062.175	3067.610	3071.958	3094.786
22.5	3032.825	3042.608	3050.217	3056.740	3078.480
23.0	3014.345	3025.216	3032.825	3039.347	3061.088
23.5	2994.779	3006.736	3016.519	3023.042	3044.782
24.0	2975.212	2988.256	2998.040	3005.649	3027.390
24.5	2958.907	2969.777	2980.647	2987.169	3007.823
25.0	2940.427	2951.297	2963.255	2969.777	2990.430
25.5	2919.773	2932.818	2942.601	2952.384	2969.777
26.0	2900.207	2912.164	2925.208	2933.905	2953.471
26.5	2879.553	2891.510	2906.729	2914.338	2934.992

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27.0	2858.899	2869.770	2888.249	2898.033	2916.512
27.5	2834.985	2849.116	2867.596	2876.292	2898.033
28.0	2817.592	2828.462	2846.942	2856.725	2877.379
28.5	2794.764	2807.809	2826.288	2836.072	2856.725
29.0	2773.024	2786.068	2804.548	2816.505	2837.159
29.5	2750.196	2763.240	2782.807	2794.764	2815.418
30.0	2727.368	2741.500	2761.066	2776.285	2796.938
30.5	2703.454	2717.585	2740.413	2755.631	2775.198
31.0	2680.626	2694.757	2717.585	2733.890	2752.370
31.5	2656.711	2673.017	2695.844	2713.237	2732.803
32.0	2633.883	2648.015	2674.104	2690.409	2709.976
32.5	2608.882	2624.100	2651.276	2668.668	2688.235
33.0	2584.967	2601.272	2626.274	2646.928	2666.494
33.5	2562.139	2577.358	2604.533	2623.013	2643.667
34.0	2534.963	2552.356	2580.619	2601.272	2623.013
34.5	2509.961	2528.441	2557.791	2577.358	2599.098
35.0	2487.134	2502.352	2534.963	2555.617	2576.271
35.5	2457.784	2478.437	2509.961	2531.702	2552.356
36.0	2434.956	2452.349	2486.047	2507.787	2529.528
36.5	2406.693	2426.260	2461.045	2484.960	2507.787
37.0	2380.604	2401.258	2436.043	2459.958	2484.960
37.5	2353.429	2374.082	2412.128	2438.217	2459.958
38.0	2326.253	2347.993	2386.040	2413.215	2433.869
38.5	2297.990	2320.818	2361.038	2390.388	2409.954
39.0	2272.988	2293.642	2334.949	2365.386	2390.388
39.5	2244.725	2268.640	2309.947	2340.384	2364.299
40.0	2214.288	2240.377	2283.858	2317.556	2339.297
40.5	2186.025	2213.201	2258.857	2293.642	2315.382
41.0	2159.937	2186.025	2232.768	2268.640	2290.381
41.5	2131.674	2158.849	2206.679	2243.638	2266.466
42.0	2103.411	2131.674	2180.590	2219.723	2242.551
42.5	2076.235	2103.411	2153.414	2194.722	2217.549
43.0	2045.798	2076.235	2128.413	2170.807	2193.635
43.5	2019.709	2047.972	2101.237	2145.805	2169.720
44.0	1990.359	2019.709	2074.061	2121.890	2144.718
44.5	1963.183	1992.533	2046.885	2095.802	2119.716
45.0	1934.920	1964.270	2020.796	2072.974	2096.889
45.5	1906.658	1937.095	1994.707	2049.059	2072.974
46.0	1878.395	1908.832	1966.444	2022.970	2047.972
46.5	1850.132	1880.569	1942.530	2001.230	2024.057
47.0	1820.782	1853.393	1915.354	1975.141	2000.143
47.5	1792.519	1825.130	1888.178	1950.139	1975.141
48.0	1765.343	1796.867	1861.002	1927.311	1950.139
48.5	1734.906	1769.691	1836.000	1901.222	1926.224
49.0	1707.730	1740.341	1807.738	1876.221	1901.222
49.5	1679.468	1713.166	1781.649	1852.306	1877.308
50.0	1650.118	1684.903	1755.560	1826.217	1852.306
50.5	1622.942	1657.727	1728.384	1804.476	1829.478
51.0	1594.679	1629.464	1704.469	1779.475	1805.563
51.5	1567.503	1601.201	1677.293	1755.560	1781.649
52.0	1538.153	1574.025	1651.205	1730.558	1757.734
52.5	1509.890	1545.762	1626.203	1705.556	1734.906
53.0	1480.540	1518.586	1600.114	1683.816	1709.904
53.5	1452.277	1491.411	1575.112	1658.814	1687.077
54.0	1425.102	1464.235	1550.110	1634.899	1664.249
54.5	1399.013	1435.972	1525.109	1613.158	1641.421

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55.0	1371.837	1409.883	1500.107	1588.157	1620.768
55.5	1349.009	1382.707	1475.105	1565.329	1595.766
56.0	1322.920	1358.792	1451.190	1542.501	1572.938
56.5	1295.745	1333.791	1426.189	1519.674	1551.197
57.0	1269.656	1308.789	1402.274	1496.846	1528.370
57.5	1242.480	1282.700	1381.620	1475.105	1503.368
58.0	1215.304	1256.611	1357.705	1451.190	1484.888
58.5	1189.215	1230.522	1333.791	1430.537	1463.148
59.0	1163.126	1204.434	1310.963	1412.057	1440.320
59.5	1137.038	1179.432	1290.309	1389.229	1422.927
60.0	1110.949	1153.343	1267.482	1367.489	1401.187
60.5	1085.403	1128.341	1244.654	1346.835	1379.446
61.0	1059.749	1103.339	1221.826	1326.181	1358.792
61.5	1034.313	1078.555	1198.998	1305.528	1339.226
62.0	1009.311	1053.988	1177.258	1285.961	1318.572
62.5	984.635	1029.639	1154.430	1266.395	1299.006
63.0	959.634	1005.398	1132.689	1245.741	1281.613
63.5	934.849	981.483	1112.036	1226.174	1262.046
64.0	910.717	957.894	1090.295	1205.521	1242.480
64.5	886.694	934.849	1069.641	1185.954	1222.913
65.0	862.888	911.695	1048.879	1166.387	1204.434
65.5	839.408	889.085	1028.334	1146.821	1184.867
66.0	815.602	866.475	1008.007	1127.254	1166.387
66.5	792.339	844.408	987.788	1108.775	1147.908
67.0	769.620	822.559	967.678	1089.208	1129.428
67.5	746.792	801.035	948.002	1070.946	1110.949
68.0	724.291	780.056	928.436	1052.466	1093.556
68.5	702.115	759.185	909.304	1034.530	1075.403
69.0	680.048	738.531	890.390	1016.485	1058.228
69.5	658.308	718.312	871.693	998.984	1041.161
70.0	636.676	698.419	853.322	981.809	1024.203
70.5	615.587	678.744	834.951	964.634	1007.463
71.0	594.716	659.286	816.906	947.676	990.940
71.5	574.063	640.263	799.296	931.153	974.635
72.0	553.844	621.131	781.686	914.739	958.764
72.5	533.516	602.652	764.511	898.651	943.002
73.0	513.732	584.281	747.445	882.780	927.131
73.5	494.492	566.127	730.922	867.018	911.695
74.0	475.469	548.517	714.181	851.800	896.151
74.5	456.772	530.799	698.202	836.690	881.476
75.0	438.183	513.515	682.331	821.906	867.236
75.5	419.921	496.666	666.678	807.231	852.778
76.0	402.203	480.143	651.459	792.665	838.647
76.5	384.593	463.837	636.350	778.425	824.515
77.0	367.200	447.641	621.457	764.294	810.819
77.5	350.134	431.879	606.782	750.597	797.231
78.0	333.285	416.443	592.542	737.118	783.860
78.5	316.762	401.224	578.411	723.530	770.598
79.0	300.565	386.441	564.714	710.377	757.554
79.5	284.477	371.766	551.235	697.550	744.510
80.0	268.606	357.308	537.756	684.831	732.117
80.5	253.170	343.285	524.711	672.004	719.508
81.0	238.169	329.480	512.210	659.612	707.224
81.5	222.951	316.001	499.710	647.329	694.941
82.0	208.276	302.848	487.535	635.480	683.092
82.5	193.927	289.912	475.577	623.631	671.461

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83.0	179.795	277.302	463.837	612.218	660.156
83.5	165.773	265.019	452.641	600.586	648.416
84.0	152.076	253.062	441.771	589.607	637.219
84.5	138.488	241.539	431.118	578.737	626.240
85.0	125.444	230.343	420.682	567.975	615.261
85.5	112.399	219.690	410.464	557.540	604.608
86.0	99.572	209.471	400.463	547.322	594.064
86.5	86.854	199.906	391.006	537.103	583.520
87.0	74.353	190.666	381.440	527.429	573.193
87.5	61.852	182.078	372.418	517.646	563.301
88.0	49.460	173.708	363.504	508.188	553.300
88.5	36.959	165.881	354.917	498.840	543.626
89.0	25.545	158.490	346.764	489.818	534.060
89.5	16.197	151.641	338.828	481.121	524.711
90.0	9.675	145.554	331.545	472.860	516.124
90.5	6.848	140.227	324.806	464.598	506.993
91.0	7.283	135.336	317.957	456.228	498.296
91.5	8.696	130.661	311.109	448.293	489.600
92.0	10.327	126.748	304.587	440.249	481.121
92.5	12.066	123.378	299.043	432.531	472.751
93.0	13.805	120.443	293.282	425.248	464.707
93.5	15.653	118.161	287.847	418.073	457.098
94.0	17.610	116.204	282.738	411.334	449.706
94.5	19.458	114.791	277.955	404.485	442.097
95.0	21.306	113.704	273.498	397.746	434.814
95.5	23.045	112.943	269.367	391.332	427.639
96.0	24.458	112.617	265.780	385.136	420.573
96.5	25.871	112.617	262.193	379.375	414.051
97.0	27.176	112.725	258.931	373.831	407.529
97.5	28.589	113.160	255.888	368.505	401.550
98.0	29.785	113.595	253.170	363.287	395.463
98.5	31.198	114.139	250.887	358.286	389.810
99.0	32.611	114.791	248.496	353.612	384.267
99.5	34.133	115.552	246.431	349.155	378.831
100.0	35.437	116.313	244.800	345.025	373.940
100.5	36.959	117.182	243.170	341.003	368.939
101.0	38.264	118.052	241.974	337.198	364.482
101.5	39.568	118.922	240.778	333.611	359.917
102.0	40.764	119.791	239.908	330.241	355.895
102.5	41.960	120.661	239.039	327.089	351.873
103.0	43.155	121.639	238.387	323.936	348.286
103.5	44.460	122.617	237.843	321.219	344.590
104.0	45.873	123.487	237.300	318.718	341.220
104.5	47.286	124.465	236.973	316.327	338.068
105.0	48.590	125.444	236.647	314.153	335.024
105.5	49.786	126.313	236.321	311.870	332.415
106.0	51.199	127.400	236.212	309.913	329.806
106.5	52.504	128.379	236.212	308.065	327.197
107.0	53.808	129.466	236.212	306.326	325.023
107.5	55.004	130.335	236.212	305.022	322.740
108.0	56.526	131.422	236.212	303.500	320.458
108.5	57.939	132.509	236.321	302.413	318.936
109.0	59.352	133.379	236.539	301.000	317.414
109.5	60.874	134.357	236.647	300.021	315.783
110.0	62.396	135.336	236.865	298.934	314.479
110.5	63.918	136.314	237.082	297.956	313.283

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CANDELA TABULATION - (Cont.)

111.0	65.439	137.292	237.191	297.086	311.979
111.5	66.961	138.162	237.300	296.434	310.892
112.0	68.592	139.140	237.517	295.782	309.587
112.5	70.222	140.119	237.734	295.021	308.392
113.0	71.962	141.097	238.060	294.478	307.848
113.5	73.592	141.967	238.060	293.934	307.087
114.0	75.331	142.836	238.278	293.499	306.326
114.5	76.962	143.815	238.495	292.956	305.674
115.0	78.701	144.576	238.713	292.630	305.130
115.5	80.441	145.554	238.713	292.303	304.587
116.0	82.071	146.423	239.039	291.869	303.935
116.5	83.593	147.293	239.256	291.434	303.717
117.0	85.332	148.271	239.474	291.434	303.174
117.5	86.963	149.032	239.691	290.999	302.848
118.0	88.376	149.793	239.908	290.782	302.413
118.5	90.006	150.554	240.017	290.455	302.304
119.0	91.420	151.315	240.235	290.129	301.652
119.5	92.941	151.859	240.452	289.803	301.543
120.0	94.355	152.402	240.343	289.586	301.000
120.5	95.768	153.054	240.452	289.151	300.891
121.0	97.181	153.489	240.669	288.825	300.456
121.5	98.703	154.033	240.561	288.390	300.239
122.0	100.116	154.685	240.561	288.173	299.913
122.5	101.529	155.337	240.669	287.738	299.152
123.0	102.942	155.989	240.561	287.303	299.043
123.5	104.247	156.533	240.343	286.977	298.391
124.0	105.334	156.968	240.343	286.651	298.282
124.5	106.421	157.403	240.343	286.107	297.847
125.0	107.508	157.946	240.126	285.564	297.412
125.5	108.595	158.272	239.908	285.238	296.869
126.0	109.573	158.707	239.800	284.585	296.434
126.5	110.443	159.250	239.582	284.151	296.108
127.0	111.421	159.468	239.365	283.607	295.673
127.5	112.182	159.794	239.039	283.064	294.912
128.0	113.160	159.794	238.930	282.411	294.478
128.5	113.921	160.011	238.495	281.868	294.043
129.0	114.682	160.229	238.060	281.324	293.499
129.5	115.334	160.555	237.300	280.455	292.847
130.0	115.878	160.772	236.539	279.911	292.195
130.5	116.421	160.990	235.669	279.259	291.434
131.0	116.747	161.316	234.799	278.281	290.673
131.5	117.182	161.642	233.930	277.411	289.912
132.0	117.617	161.968	232.951	276.868	289.260
132.5	117.834	162.077	231.864	275.781	288.281
133.0	118.161	162.185	231.430	274.802	287.086
133.5	118.269	162.077	230.777	274.041	286.542
134.0	118.378	161.859	230.343	273.172	285.781
134.5	118.704	161.425	229.799	272.193	284.368
135.0	119.030	161.098	229.147	270.889	283.281
135.5	118.922	160.229	228.603	270.019	282.411
136.0	119.139	160.120	227.842	268.932	281.324
136.5	119.356	159.794	227.299	267.736	280.237
137.0	119.465	159.250	226.429	266.758	279.042
137.5	119.574	158.707	225.668	265.454	277.955
138.0	119.791	158.381	224.581	264.367	276.650
138.5	119.791	157.946	223.168	263.171	275.672

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	119.682	157.620	221.538	261.758	274.150
139.5	119.682	157.185	219.581	260.236	273.063
140.0	119.682	156.642	217.407	258.823	271.541
140.5	119.682	156.315	215.450	257.084	269.911
141.0	119.682	156.098	213.276	255.236	268.606
141.5	119.682	155.663	211.102	253.605	267.302
142.0	119.574	155.446	209.037	251.540	265.889
142.5	119.465	155.120	206.863	249.692	264.258
143.0	119.356	154.794	204.797	247.952	262.627
143.5	119.356	154.359	202.406	246.104	261.106
144.0	119.356	153.815	200.340	244.691	259.366
144.5	119.682	153.380	198.275	243.061	257.844
145.0	120.117	152.946	195.992	241.648	256.105
145.5	120.878	152.402	193.927	240.235	254.366
146.0	121.857	151.967	191.970	238.713	252.735
146.5	122.835	151.533	190.340	237.082	250.887
147.0	123.813	150.989	188.492	235.452	249.039
147.5	124.683	150.772	187.079	233.821	247.192
148.0	125.661	150.337	185.557	231.973	245.235
148.5	126.531	150.228	184.361	230.234	243.278
149.0	127.618	150.228	183.057	228.495	241.539
149.5	128.379	150.554	181.861	226.647	239.365
150.0	129.248	150.772	180.665	224.907	237.082
150.5	130.009	150.880	179.361	222.951	234.691
151.0	130.553	151.206	177.621	220.994	231.864
151.5	131.096	151.315	175.773	218.929	229.255
152.0	131.749	151.533	174.034	216.755	226.647
152.5	132.401	151.750	172.404	214.472	223.820
153.0	132.836	151.859	170.664	211.863	221.538
153.5	133.379	152.185	168.816	209.145	218.929
154.0	133.814	152.076	167.186	206.102	216.755
154.5	134.357	152.185	165.773	203.167	214.581
155.0	134.575	152.402	164.360	199.797	212.950
155.5	135.010	152.511	162.946	196.644	211.211
156.0	135.336	152.511	161.968	193.275	209.689
156.5	135.879	152.511	160.990	189.905	207.732
157.0	136.097	152.728	160.011	186.861	205.884
157.5	136.423	152.728	159.359	183.926	203.819
158.0	136.858	152.620	159.033	180.882	201.862
158.5	136.966	152.620	158.598	178.382	199.579
159.0	137.510	152.293	158.272	175.991	197.623
159.5	137.945	152.076	157.729	173.708	195.449
160.0	138.488	151.859	157.185	171.860	193.275
160.5	139.140	151.750	156.750	170.121	191.209
161.0	139.575	151.424	156.642	168.273	189.144
161.5	140.227	151.315	156.424	166.425	187.622
162.0	140.771	151.098	156.750	164.903	186.318
162.5	141.314	151.098	156.968	163.273	184.796
163.0	141.967	150.989	157.076	161.533	183.491
163.5	142.510	150.989	157.294	159.685	181.861
164.0	142.728	150.989	157.511	157.403	180.339
164.5	143.054	150.772	157.294	155.663	178.382
165.0	143.380	150.772	156.968	153.924	176.426
165.5	143.706	150.663	156.642	152.728	174.360
166.0	144.032	150.554	156.424	151.424	171.208
166.5	144.358	150.554	156.098	150.337	169.686

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	144.793	150.554	155.772	149.358	168.490
167.5	145.010	150.554	155.120	148.489	167.295
168.0	145.336	150.554	154.576	147.619	166.316
168.5	145.989	150.119	153.815	146.858	165.120
169.0	146.315	150.228	153.272	146.097	163.925
169.5	146.858	149.902	152.402	145.228	162.620
170.0	147.076	149.793	151.641	144.141	161.425
170.5	147.402	149.576	150.663	142.945	160.120
171.0	147.619	149.358	149.576	141.641	158.490
171.5	147.945	149.358	148.598	140.445	157.185
172.0	148.489	149.141	148.054	139.249	155.228
172.5	148.815	149.141	147.402	137.945	153.054
173.0	149.250	148.924	146.858	136.749	149.358
173.5	149.793	149.032	146.641	135.553	143.815
174.0	150.228	149.032	146.532	134.575	136.966
174.5	150.554	149.032	146.315	133.596	128.814
175.0	151.206	149.358	146.206	132.836	119.574
175.5	151.424	149.467	146.097	132.509	109.899
176.0	151.859	149.685	146.097	132.183	103.594
176.5	151.967	149.793	145.989	132.183	99.137
177.0	152.402	150.011	145.771	131.857	94.572
177.5	152.511	150.011	145.445	131.749	93.594
178.0	152.946	150.228	145.336	131.640	93.811
178.5	153.163	150.337	145.445	131.422	94.028
179.0	153.380	150.337	145.336	131.096	94.137
179.5	153.598	150.337	145.228	130.988	94.246
180.0	137.727	137.727	137.727	137.727	137.727

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1244.52	N.A.	11.70
0-30	2607.68	N.A.	24.50
0-40	4188.88	N.A.	39.40
0-60	7089.14	N.A.	66.70
0-80	8831.8	N.A.	83.10
0-90	9270.08	N.A.	87.30
10-90	8945.63	N.A.	84.20
20-40	2944.37	N.A.	27.70
20-50	4501.46	N.A.	42.40
40-70	3933.37	N.A.	37.00
60-80	1742.66	N.A.	16.40
70-80	709.55	N.A.	6.70
80-90	438.28	N.A.	4.10
90-110	511.91	N.A.	4.80
90-120	727.42	N.A.	6.80
90-130	925.76	N.A.	8.70
90-150	1215.35	N.A.	11.40
90-180	1353.79	N.A.	12.70
110-180	841.88	N.A.	7.90
0-180	10623.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	324.45
10-20	920.07
20-30	1363.17
30-40	1581.2
40-50	1557.09
50-60	1343.16
60-70	1033.11
70-80	709.55
80-90	438.28
90-100	280.81
100-110	231.10
110-120	215.51
120-130	198.34
130-140	166.67
140-150	122.92
150-160	80.37
160-170	44.28
170-180	13.79

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-940-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-L130-940-DIM-UNV_.IES

UGR TABLE - CORRECTED

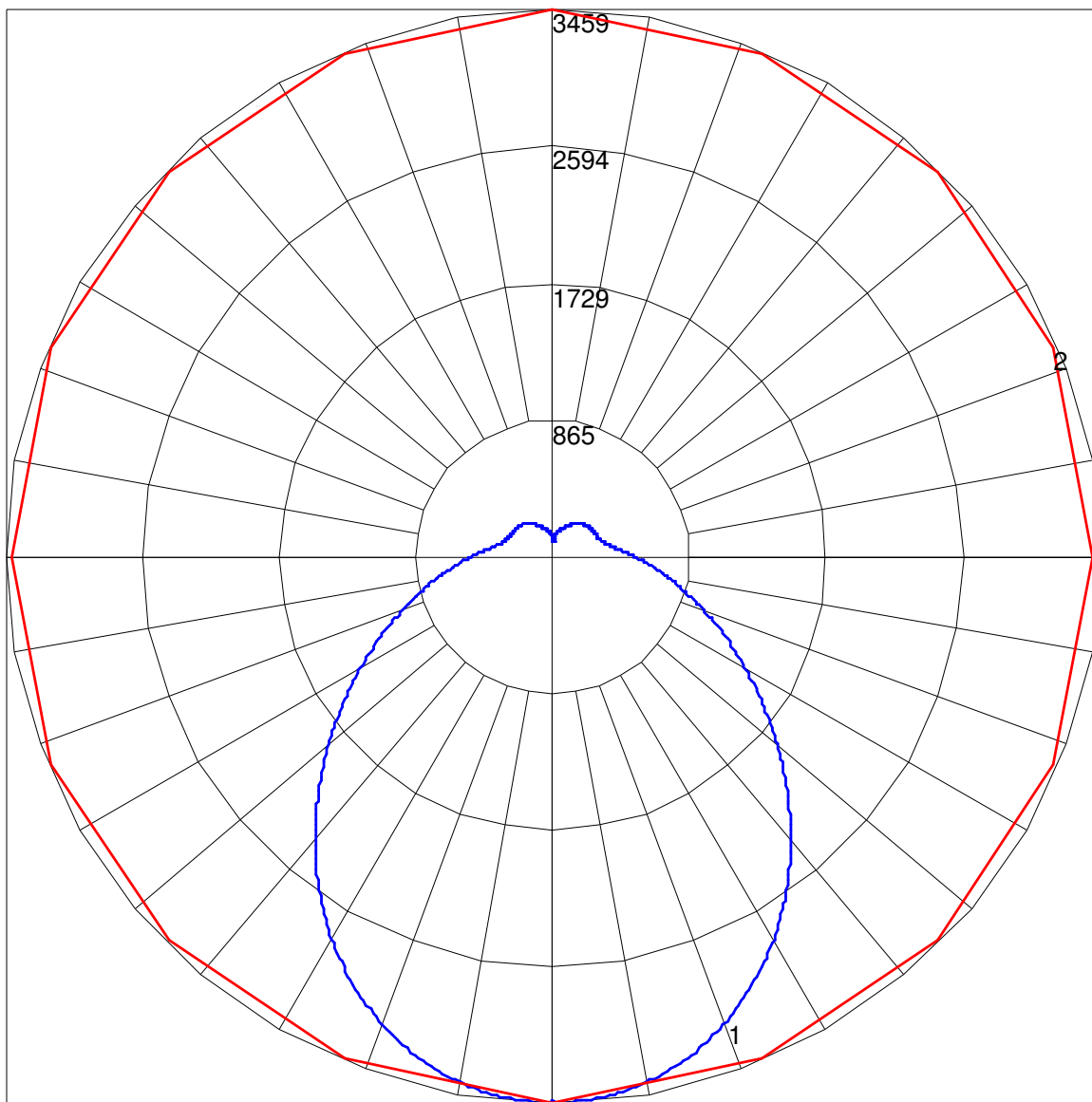
Reflectances

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	17.6	19.0	18.1	19.5	20.1	19.3	20.7	19.9	21.2	21.8
	3H	19.0	20.2	19.5	20.8	21.4	21.5	22.8	22.1	23.3	24.0
	4H	19.4	20.6	20.0	21.1	21.8	22.6	23.8	23.2	24.3	25.0
	6H	19.7	20.8	20.3	21.4	22.1	23.7	24.8	24.3	25.4	26.1
	8H	19.8	20.8	20.4	21.4	22.1	24.4	25.4	25.0	26.0	26.7
	12H	19.8	20.8	20.4	21.4	22.1	25.1	26.0	25.7	26.7	27.4
4H	2H	18.3	19.5	18.9	20.1	20.8	19.7	20.9	20.3	21.5	22.1
	3H	19.9	20.9	20.5	21.6	22.2	22.2	23.1	22.8	23.8	24.5
	4H	20.5	21.4	21.1	22.0	22.8	23.4	24.3	24.0	24.9	25.7
	6H	20.9	21.7	21.6	22.4	23.1	24.8	25.5	25.4	26.2	26.9
	8H	21.0	21.8	21.7	22.4	23.2	25.5	26.2	26.1	26.9	27.6
	12H	21.1	21.8	21.8	22.5	23.2	26.3	27.0	27.0	27.7	28.4
8H	4H	21.1	21.8	21.7	22.5	23.2	23.6	24.3	24.3	25.0	25.8
	6H	21.7	22.3	22.3	23.0	23.7	25.1	25.8	25.8	26.5	27.2
	8H	21.9	22.4	22.6	23.1	23.9	26.0	26.6	26.7	27.3	28.0
	12H	22.0	22.5	22.7	23.2	24.0	27.0	27.5	27.7	28.2	29.0
12H	4H	21.3	21.9	21.9	22.6	23.4	23.6	24.3	24.3	25.0	25.7
	6H	21.9	22.5	22.6	23.2	24.0	25.2	25.7	25.9	26.4	27.2
	8H	22.2	22.7	22.9	23.4	24.2	26.1	26.6	26.8	27.3	28.1

Maximum UGR = 29.0

POLAR GRAPH



Maximum Candela = 3458.942 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.)