

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-835-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-2-L42-835-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	4124
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	31.4
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)	1.88 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	17520	15823	15871
55	15040	13488	13933
65	12468	11483	12417
75	9715	9933	11607
85	6390	9570	12263

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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	1334.719	1334.719	1334.719	1334.719	1334.719
0.5	1328.390	1333.453	1334.297	1333.875	1342.737
1.0	1328.390	1333.875	1333.875	1333.453	1342.315
1.5	1327.124	1333.875	1333.453	1333.031	1342.737
2.0	1326.702	1332.609	1333.453	1332.609	1341.471
2.5	1326.702	1332.609	1332.187	1332.187	1340.627
3.0	1325.436	1331.343	1331.343	1331.343	1339.783
3.5	1324.592	1330.077	1330.077	1330.499	1338.939
4.0	1323.748	1329.234	1329.234	1328.812	1338.095
4.5	1321.638	1327.968	1328.390	1327.968	1336.829
5.0	1320.372	1326.702	1326.702	1326.702	1335.563
5.5	1318.684	1325.014	1325.014	1325.436	1333.875
6.0	1317.840	1322.904	1323.326	1323.326	1332.187
6.5	1314.886	1321.216	1321.638	1321.638	1330.077
7.0	1313.198	1319.106	1319.528	1319.106	1328.390
7.5	1311.510	1316.574	1317.418	1317.418	1326.280
8.0	1309.400	1314.886	1314.886	1314.886	1323.326
8.5	1307.291	1311.932	1312.776	1312.776	1320.794
9.0	1303.915	1309.822	1310.244	1309.822	1317.840
9.5	1301.805	1306.869	1306.869	1306.869	1316.152
10.0	1298.429	1303.493	1303.493	1304.337	1312.776
10.5	1295.475	1300.539	1300.961	1300.961	1309.822
11.0	1292.521	1297.585	1298.007	1297.585	1306.447
11.5	1288.724	1294.209	1295.053	1294.209	1303.493
12.0	1285.348	1290.411	1291.255	1291.255	1299.695
12.5	1281.972	1286.614	1287.880	1287.036	1296.319
13.0	1278.174	1283.238	1284.082	1283.660	1292.521
13.5	1274.376	1279.018	1279.862	1279.862	1289.146
14.0	1269.734	1274.798	1275.642	1275.642	1284.504
14.5	1265.937	1270.578	1271.422	1271.422	1281.128
15.0	1262.139	1266.359	1266.781	1266.781	1276.064
15.5	1257.497	1261.295	1262.561	1262.561	1271.000
16.0	1252.433	1256.653	1257.919	1257.919	1266.781
16.5	1248.214	1251.589	1252.855	1253.277	1262.139
17.0	1242.306	1246.104	1247.792	1248.214	1257.075
17.5	1237.242	1241.040	1242.728	1243.150	1252.011
18.0	1232.600	1235.976	1237.242	1238.508	1247.370
18.5	1227.115	1230.912	1232.178	1233.022	1241.884
19.0	1221.629	1224.583	1226.693	1227.537	1235.976
19.5	1215.299	1219.519	1221.207	1222.895	1230.490
20.0	1208.548	1213.189	1215.299	1216.565	1224.583
20.5	1201.796	1207.704	1209.392	1211.079	1219.097
21.0	1196.310	1200.952	1202.218	1205.594	1213.189
21.5	1189.980	1194.622	1196.732	1198.420	1206.860
22.0	1183.229	1188.715	1190.824	1192.512	1201.374
22.5	1177.321	1181.119	1184.073	1186.605	1195.044
23.0	1170.147	1174.367	1177.321	1179.853	1188.293
23.5	1162.552	1167.194	1170.991	1173.523	1181.963
24.0	1154.956	1160.020	1163.818	1166.772	1175.211
24.5	1148.627	1152.846	1157.066	1159.598	1167.616
25.0	1141.453	1145.673	1150.314	1152.846	1160.864
25.5	1133.435	1138.499	1142.297	1146.095	1152.846
26.0	1125.840	1130.481	1135.545	1138.921	1146.517
26.5	1117.822	1122.464	1128.372	1131.325	1139.343

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**CANDELA TABULATION - (Cont.)**

27.0	1109.804	1114.024	1121.198	1124.996	1132.169
27.5	1100.521	1106.007	1113.180	1116.556	1124.996
28.0	1093.769	1097.989	1105.163	1108.961	1116.978
28.5	1084.908	1089.971	1097.145	1100.943	1108.961
29.0	1076.468	1081.532	1088.706	1093.347	1101.365
29.5	1067.607	1072.670	1080.266	1084.908	1092.925
30.0	1058.745	1064.231	1071.826	1077.734	1085.752
30.5	1049.462	1054.947	1063.809	1069.716	1077.312
31.0	1040.600	1046.086	1054.947	1061.277	1068.451
31.5	1031.316	1037.646	1046.508	1053.259	1060.855
32.0	1022.455	1027.941	1038.068	1044.398	1051.993
32.5	1012.749	1018.657	1029.207	1035.958	1043.554
33.0	1003.466	1009.795	1019.501	1027.519	1035.114
33.5	994.604	1000.512	1011.061	1018.235	1026.253
34.0	984.055	990.806	1001.778	1009.795	1018.235
34.5	974.349	981.523	992.916	1000.512	1008.952
35.0	965.488	971.395	984.055	992.072	1000.090
35.5	954.094	962.112	974.349	982.789	990.806
36.0	945.233	951.984	965.066	973.505	981.945
36.5	934.261	941.857	955.360	964.644	973.505
37.0	924.134	932.151	945.655	954.938	964.644
37.5	913.584	921.602	936.371	946.499	954.938
38.0	903.035	911.474	926.244	936.793	944.811
38.5	892.063	900.925	916.538	927.932	935.527
39.0	882.358	890.375	906.411	918.226	927.932
39.5	871.386	880.670	896.705	908.521	917.804
40.0	859.571	869.698	886.578	899.659	908.099
40.5	848.600	859.149	876.872	890.375	898.815
41.0	838.472	848.600	866.745	880.670	889.110
41.5	827.501	838.050	856.617	870.964	879.826
42.0	816.529	827.501	846.490	861.681	870.542
42.5	805.980	816.529	835.940	851.975	860.837
43.0	794.164	805.980	826.235	842.692	851.553
43.5	784.037	795.008	815.685	832.986	842.270
44.0	772.643	784.037	805.136	823.703	832.564
44.5	762.094	773.487	794.586	813.575	822.859
45.0	751.122	762.516	784.459	804.714	813.997
45.5	740.151	751.966	774.331	795.430	804.714
46.0	729.180	740.995	763.360	785.303	795.008
46.5	718.208	730.023	754.076	776.863	785.725
47.0	706.815	719.474	743.527	766.736	776.441
47.5	695.843	708.503	732.977	757.030	766.736
48.0	685.294	697.531	722.428	748.169	757.030
48.5	673.478	686.982	712.722	738.041	747.747
49.0	662.929	675.588	701.751	728.336	738.041
49.5	651.957	665.039	691.623	719.052	728.758
50.0	640.564	654.067	681.496	708.925	719.052
50.5	630.014	643.518	670.946	700.485	710.190
51.0	619.043	632.546	661.663	690.779	700.907
51.5	608.494	621.575	651.113	681.496	691.623
52.0	597.100	611.025	640.986	671.790	682.340
52.5	586.129	600.054	631.280	662.085	673.478
53.0	574.735	589.505	621.153	653.645	663.773
53.5	563.764	578.955	611.447	643.940	654.911
54.0	553.214	568.406	601.742	634.656	646.050
54.5	543.087	557.434	592.036	626.217	637.188

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**CANDELA TABULATION - (Cont.)**

55.0	532.537	547.307	582.331	616.511	629.171
55.5	523.676	536.757	572.625	607.650	619.465
56.0	513.548	527.474	563.342	598.788	610.603
56.5	502.999	517.768	553.636	589.926	602.164
57.0	492.871	508.063	544.353	581.065	593.302
57.5	482.322	497.935	536.335	572.625	583.597
58.0	471.772	487.808	527.052	563.342	576.423
58.5	461.645	477.680	517.768	555.324	567.984
59.0	451.517	467.553	508.907	548.151	559.122
59.5	441.390	457.847	500.889	539.289	552.370
60.0	431.262	447.720	492.027	530.849	543.931
60.5	421.346	438.014	483.166	522.832	535.491
61.0	411.387	428.309	474.304	514.814	527.474
61.5	401.513	418.687	465.443	506.797	519.878
62.0	391.807	409.151	457.003	499.201	511.860
62.5	382.228	399.698	448.142	491.605	504.265
63.0	372.523	390.288	439.702	483.588	497.513
63.5	362.902	381.005	431.684	475.992	489.917
64.0	353.534	371.848	423.245	467.975	482.322
64.5	344.208	362.902	415.227	460.379	474.726
65.0	334.967	353.914	407.167	452.783	467.553
65.5	325.852	345.137	399.192	445.188	459.957
66.0	316.611	336.359	391.301	437.592	452.783
66.5	307.580	327.793	383.452	430.418	445.610
67.0	298.761	319.311	375.646	422.823	438.436
67.5	289.899	310.956	368.008	415.734	431.262
68.0	281.165	302.812	360.412	408.560	424.511
68.5	272.556	294.710	352.985	401.597	417.464
69.0	263.990	286.692	345.643	394.592	410.796
69.5	255.550	278.844	338.385	387.799	404.171
70.0	247.153	271.121	331.253	381.131	397.589
70.5	238.967	263.484	324.122	374.464	391.090
71.0	230.865	255.930	317.117	367.881	384.676
71.5	222.847	248.546	310.281	361.467	378.346
72.0	214.998	241.119	303.445	355.095	372.185
72.5	207.107	233.945	296.778	348.850	366.067
73.0	199.427	226.814	290.153	342.689	359.906
73.5	191.958	219.767	283.739	336.570	353.914
74.0	184.574	212.931	277.240	330.663	347.879
74.5	177.316	206.052	271.037	324.797	342.183
75.0	170.100	199.343	264.876	319.058	336.655
75.5	163.010	192.802	258.800	313.362	331.042
76.0	156.132	186.388	252.892	307.707	325.557
76.5	149.296	180.058	247.026	302.179	320.071
77.0	142.544	173.771	241.245	296.693	314.754
77.5	135.919	167.652	235.549	291.376	309.479
78.0	129.379	161.660	230.021	286.144	304.289
78.5	122.965	155.752	224.535	280.869	299.141
79.0	116.677	150.013	219.218	275.763	294.077
79.5	110.432	144.317	213.985	270.784	289.013
80.0	104.271	138.704	208.753	265.847	284.203
80.5	98.279	133.261	203.689	260.867	279.308
81.0	92.456	127.902	198.836	256.057	274.539
81.5	86.548	122.669	193.984	251.288	269.771
82.0	80.851	117.563	189.258	246.689	265.172
82.5	75.281	112.542	184.616	242.089	260.656

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**CANDELA TABULATION - (Cont.)**

83.0	69.795	107.647	180.058	237.659	256.268
83.5	64.352	102.878	175.712	233.143	251.710
84.0	59.035	98.237	171.492	228.881	247.364
84.5	53.760	93.764	167.357	224.662	243.102
85.0	48.696	89.417	163.306	220.484	238.840
85.5	43.633	85.282	159.339	216.433	234.705
86.0	38.653	81.315	155.457	212.466	230.611
86.5	33.716	77.602	151.786	208.500	226.518
87.0	28.863	74.015	148.072	204.744	222.509
87.5	24.011	70.681	144.570	200.946	218.669
88.0	19.200	67.432	141.110	197.275	214.787
88.5	14.347	64.394	137.776	193.646	211.032
89.0	9.917	61.525	134.611	190.144	207.318
89.5	6.287	58.866	131.531	186.768	203.689
90.0	3.756	56.503	128.704	183.561	200.356
90.5	2.658	54.435	126.087	180.354	196.811
91.0	2.827	52.536	123.429	177.105	193.435
91.5	3.376	50.722	120.770	174.024	190.059
92.0	4.009	49.203	118.238	170.901	186.768
92.5	4.684	47.895	116.086	167.905	183.519
93.0	5.359	46.755	113.850	165.078	180.396
93.5	6.076	45.869	111.740	162.293	177.442
94.0	6.836	45.110	109.757	159.677	174.573
94.5	7.553	44.561	107.900	157.018	171.619
95.0	8.271	44.139	106.170	154.402	168.792
95.5	8.946	43.844	104.566	151.912	166.006
96.0	9.495	43.717	103.174	149.507	163.264
96.5	10.043	43.717	101.781	147.271	160.732
97.0	10.549	43.759	100.515	145.119	158.200
97.5	11.098	43.928	99.334	143.051	155.879
98.0	11.562	44.097	98.279	141.025	153.516
98.5	12.111	44.308	97.393	139.084	151.322
99.0	12.659	44.561	96.464	137.270	149.170
99.5	13.250	44.856	95.663	135.540	147.060
100.0	13.757	45.152	95.030	133.936	145.161
100.5	14.347	45.489	94.397	132.375	143.220
101.0	14.854	45.827	93.933	130.898	141.490
101.5	15.360	46.164	93.468	129.505	139.717
102.0	15.824	46.502	93.131	128.197	138.156
102.5	16.288	46.840	92.793	126.973	136.595
103.0	16.753	47.219	92.540	125.750	135.202
103.5	17.259	47.599	92.329	124.695	133.767
104.0	17.808	47.937	92.118	123.724	132.459
104.5	18.356	48.317	91.991	122.796	131.235
105.0	18.862	48.696	91.865	121.952	130.054
105.5	19.327	49.034	91.738	121.066	129.041
106.0	19.875	49.456	91.696	120.306	128.028
106.5	20.382	49.836	91.696	119.589	127.016
107.0	20.888	50.258	91.696	118.914	126.172
107.5	21.352	50.595	91.696	118.407	125.286
108.0	21.943	51.017	91.696	117.817	124.399
108.5	22.491	51.439	91.738	117.395	123.809
109.0	23.040	51.777	91.823	116.846	123.218
109.5	23.631	52.157	91.865	116.466	122.585
110.0	24.222	52.536	91.949	116.044	122.078
110.5	24.812	52.916	92.034	115.664	121.614

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**CANDELA TABULATION - (Cont.)**

111.0	25.403	53.296	92.076	115.327	121.108
111.5	25.994	53.634	92.118	115.074	120.686
112.0	26.627	54.013	92.202	114.820	120.180
112.5	27.260	54.393	92.287	114.525	119.715
113.0	27.935	54.773	92.413	114.314	119.504
113.5	28.568	55.110	92.413	114.103	119.209
114.0	29.243	55.448	92.498	113.934	118.914
114.5	29.876	55.828	92.582	113.723	118.660
115.0	30.551	56.123	92.667	113.597	118.449
115.5	31.226	56.503	92.667	113.470	118.238
116.0	31.859	56.841	92.793	113.301	117.985
116.5	32.450	57.178	92.878	113.133	117.901
117.0	33.125	57.558	92.962	113.133	117.690
117.5	33.758	57.853	93.046	112.964	117.563
118.0	34.307	58.149	93.131	112.879	117.395
118.5	34.940	58.444	93.173	112.753	117.352
119.0	35.488	58.739	93.257	112.626	117.099
119.5	36.079	58.950	93.342	112.500	117.057
120.0	36.628	59.161	93.300	112.415	116.846
120.5	37.176	59.415	93.342	112.246	116.804
121.0	37.725	59.583	93.426	112.120	116.635
121.5	38.316	59.794	93.384	111.951	116.551
122.0	38.864	60.048	93.384	111.867	116.424
122.5	39.413	60.301	93.426	111.698	116.129
123.0	39.961	60.554	93.384	111.529	116.086
123.5	40.468	60.765	93.300	111.402	115.833
124.0	40.890	60.934	93.300	111.276	115.791
124.5	41.312	61.103	93.300	111.065	115.622
125.0	41.734	61.314	93.215	110.854	115.453
125.5	42.156	61.440	93.131	110.727	115.242
126.0	42.535	61.609	93.089	110.474	115.074
126.5	42.873	61.820	93.004	110.305	114.947
127.0	43.253	61.904	92.920	110.094	114.778
127.5	43.548	62.031	92.793	109.883	114.483
128.0	43.928	62.031	92.751	109.630	114.314
128.5	44.223	62.115	92.582	109.419	114.145
129.0	44.519	62.200	92.413	109.208	113.934
129.5	44.772	62.326	92.118	108.871	113.681
130.0	44.983	62.411	91.823	108.660	113.428
130.5	45.194	62.495	91.485	108.406	113.133
131.0	45.321	62.622	91.147	108.027	112.837
131.5	45.489	62.748	90.810	107.689	112.542
132.0	45.658	62.875	90.430	107.478	112.289
132.5	45.743	62.917	90.008	107.056	111.909
133.0	45.869	62.959	89.839	106.676	111.445
133.5	45.911	62.917	89.586	106.381	111.234
134.0	45.954	62.833	89.417	106.043	110.938
134.5	46.080	62.664	89.206	105.664	110.390
135.0	46.207	62.537	88.953	105.157	109.968
135.5	46.164	62.200	88.742	104.820	109.630
136.0	46.249	62.157	88.447	104.398	109.208
136.5	46.333	62.031	88.236	103.933	108.786
137.0	46.375	61.820	87.898	103.554	108.322
137.5	46.418	61.609	87.603	103.047	107.900
138.0	46.502	61.482	87.181	102.625	107.394
138.5	46.502	61.314	86.632	102.161	107.014

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-835-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	46.460	61.187	85.999	101.613	106.423
139.5	46.460	61.018	85.240	101.022	106.001
140.0	46.460	60.807	84.396	100.473	105.410
140.5	46.460	60.681	83.636	99.798	104.777
141.0	46.460	60.596	82.792	99.081	104.271
141.5	46.460	60.427	81.948	98.448	103.765
142.0	46.418	60.343	81.147	97.646	103.216
142.5	46.375	60.216	80.303	96.929	102.583
143.0	46.333	60.090	79.501	96.253	101.950
143.5	46.333	59.921	78.572	95.536	101.359
144.0	46.333	59.710	77.771	94.987	100.684
144.5	46.460	59.541	76.969	94.354	100.093
145.0	46.629	59.372	76.083	93.806	99.418
145.5	46.924	59.161	75.281	93.257	98.743
146.0	47.304	58.993	74.521	92.667	98.110
146.5	47.684	58.824	73.889	92.034	97.393
147.0	48.063	58.613	73.171	91.401	96.675
147.5	48.401	58.528	72.623	90.768	95.958
148.0	48.781	58.360	72.032	90.050	95.198
148.5	49.118	58.317	71.568	89.375	94.439
149.0	49.540	58.317	71.061	88.700	93.764
149.5	49.836	58.444	70.597	87.983	92.920
150.0	50.173	58.528	70.133	87.307	92.034
150.5	50.469	58.571	69.627	86.548	91.105
151.0	50.680	58.697	68.951	85.788	90.008
151.5	50.891	58.739	68.234	84.987	88.995
152.0	51.144	58.824	67.559	84.143	87.983
152.5	51.397	58.908	66.926	83.256	86.885
153.0	51.566	58.950	66.251	82.244	85.999
153.5	51.777	59.077	65.533	81.189	84.987
154.0	51.946	59.035	64.900	80.007	84.143
154.5	52.157	59.077	64.352	78.868	83.299
155.0	52.241	59.161	63.803	77.560	82.666
155.5	52.410	59.204	63.255	76.336	81.990
156.0	52.536	59.204	62.875	75.028	81.400
156.5	52.747	59.204	62.495	73.720	80.640
157.0	52.832	59.288	62.115	72.538	79.923
157.5	52.958	59.288	61.862	71.399	79.121
158.0	53.127	59.246	61.736	70.217	78.361
158.5	53.169	59.246	61.567	69.247	77.475
159.0	53.380	59.119	61.440	68.318	76.716
159.5	53.549	59.035	61.229	67.432	75.872
160.0	53.760	58.950	61.018	66.715	75.028
160.5	54.013	58.908	60.849	66.040	74.226
161.0	54.182	58.782	60.807	65.322	73.424
161.5	54.435	58.739	60.723	64.605	72.834
162.0	54.646	58.655	60.849	64.014	72.327
162.5	54.857	58.655	60.934	63.381	71.736
163.0	55.110	58.613	60.976	62.706	71.230
163.5	55.321	58.613	61.060	61.989	70.597
164.0	55.406	58.613	61.145	61.103	70.006
164.5	55.532	58.528	61.060	60.427	69.247
165.0	55.659	58.528	60.934	59.752	68.487
165.5	55.786	58.486	60.807	59.288	67.685
166.0	55.912	58.444	60.723	58.782	66.462
166.5	56.039	58.444	60.596	58.360	65.871

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	56.208	58.444	60.470	57.980	65.407
167.5	56.292	58.444	60.216	57.642	64.943
168.0	56.419	58.444	60.005	57.305	64.563
168.5	56.672	58.275	59.710	57.009	64.099
169.0	56.798	58.317	59.499	56.714	63.634
169.5	57.009	58.191	59.161	56.376	63.128
170.0	57.094	58.149	58.866	55.954	62.664
170.5	57.220	58.064	58.486	55.490	62.157
171.0	57.305	57.980	58.064	54.984	61.525
171.5	57.431	57.980	57.685	54.520	61.018
172.0	57.642	57.896	57.474	54.055	60.259
172.5	57.769	57.896	57.220	53.549	59.415
173.0	57.938	57.811	57.009	53.085	57.980
173.5	58.149	57.853	56.925	52.621	55.828
174.0	58.317	57.853	56.883	52.241	53.169
174.5	58.444	57.853	56.798	51.861	50.004
175.0	58.697	57.980	56.756	51.566	46.418
175.5	58.782	58.022	56.714	51.439	42.662
176.0	58.950	58.106	56.714	51.313	40.215
176.5	58.993	58.149	56.672	51.313	38.484
177.0	59.161	58.233	56.587	51.186	36.712
177.5	59.204	58.233	56.461	51.144	36.332
178.0	59.372	58.317	56.419	51.102	36.417
178.5	59.457	58.360	56.461	51.017	36.501
179.0	59.541	58.360	56.419	50.891	36.543
179.5	59.626	58.360	56.376	50.848	36.586
180.0	53.465	53.465	53.465	53.465	53.465



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-835-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	483.11	N.A.	11.70
0-30	1012.28	N.A.	24.50
0-40	1626.09	N.A.	39.40
0-60	2751.95	N.A.	66.70
0-80	3428.44	N.A.	83.10
0-90	3598.58	N.A.	87.30
10-90	3472.63	N.A.	84.20
20-40	1142.98	N.A.	27.70
20-50	1747.43	N.A.	42.40
40-70	1526.91	N.A.	37.00
60-80	676.49	N.A.	16.40
70-80	275.44	N.A.	6.70
80-90	170.14	N.A.	4.10
90-110	198.72	N.A.	4.80
90-120	282.38	N.A.	6.80
90-130	359.37	N.A.	8.70
90-150	471.79	N.A.	11.40
90-180	525.53	N.A.	12.70
110-180	326.81	N.A.	7.90
0-180	4124.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	125.95
10-20	357.16
20-30	529.17
30-40	613.81
40-50	604.45
50-60	521.41
60-70	401.05
70-80	275.44
80-90	170.14
90-100	109.01
100-110	89.71
110-120	83.66
120-130	77.00
130-140	64.70
140-150	47.72
150-160	31.20
160-170	17.19
170-180	5.35

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-835-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-2-L42-835-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

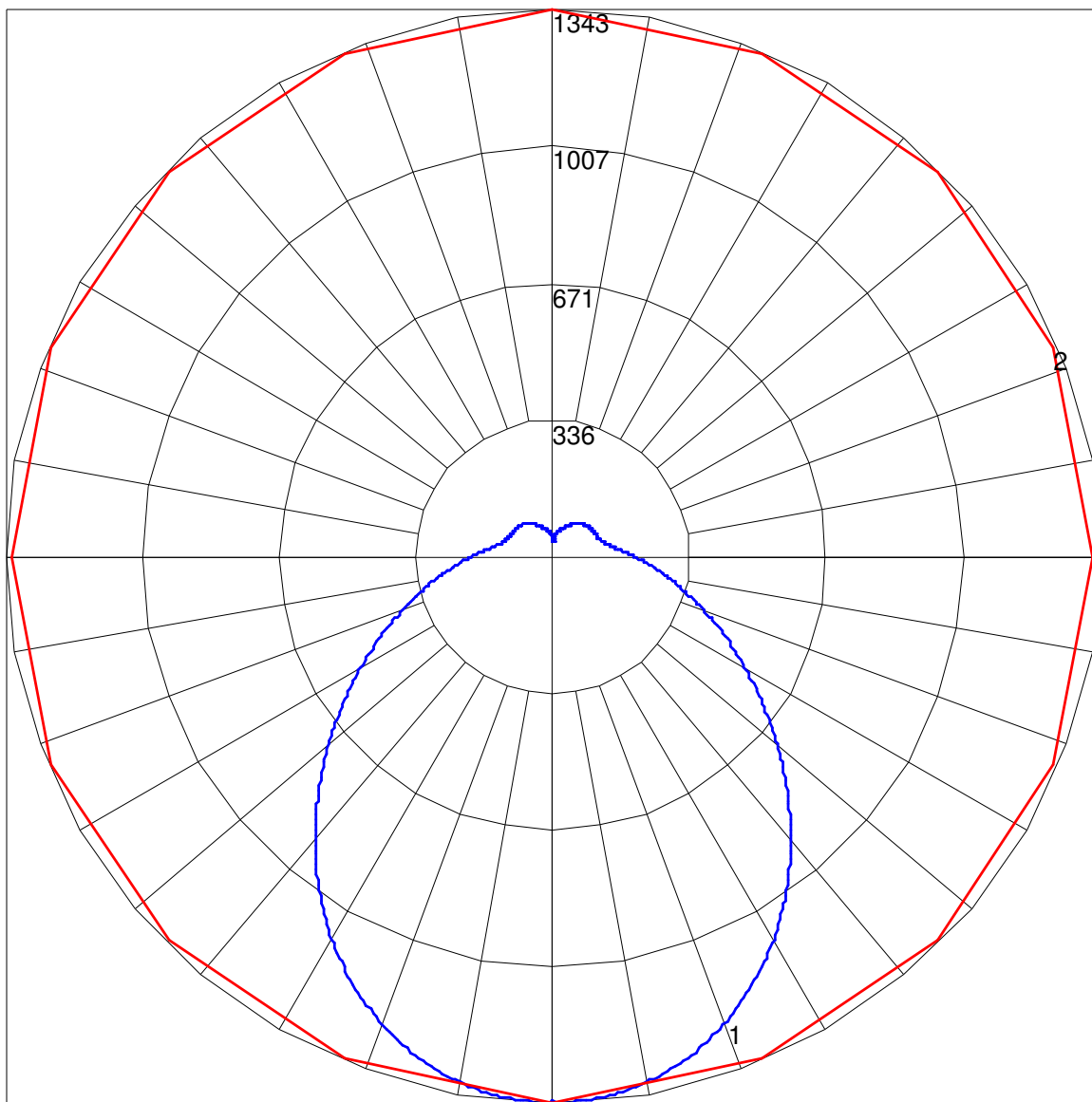
Reflectances

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	19.0	20.4	19.6	21.0	21.6	20.6	22.0	21.2	22.6	23.2
	3H	20.4	21.6	21.0	22.2	22.9	22.8	24.0	23.4	24.6	25.3
	4H	20.8	22.0	21.4	22.6	23.3	23.8	25.0	24.4	25.6	26.3
	6H	21.1	22.2	21.7	22.8	23.5	24.9	26.0	25.5	26.6	27.3
	8H	21.2	22.3	21.8	22.9	23.6	25.5	26.5	26.1	27.2	27.8
	12H	21.3	22.2	21.9	22.9	23.6	26.1	27.1	26.7	27.7	28.4
4H	2H	19.8	20.9	20.4	21.5	22.2	21.0	22.2	21.6	22.8	23.5
	3H	21.4	22.4	22.0	23.0	23.7	23.5	24.4	24.1	25.1	25.8
	4H	21.9	22.8	22.6	23.5	24.2	24.7	25.6	25.3	26.2	26.9
	6H	22.3	23.1	23.0	23.8	24.5	26.0	26.7	26.6	27.4	28.1
	8H	22.5	23.2	23.1	23.9	24.6	26.6	27.4	27.3	28.0	28.8
	12H	22.5	23.2	23.2	23.9	24.6	27.4	28.0	28.0	28.7	29.5
8H	4H	22.5	23.2	23.1	23.9	24.6	24.9	25.6	25.5	26.3	27.0
	6H	23.1	23.7	23.7	24.4	25.1	26.3	27.0	27.0	27.7	28.4
	8H	23.3	23.8	24.0	24.5	25.3	27.1	27.7	27.8	28.4	29.2
	12H	23.4	23.9	24.1	24.6	25.4	28.1	28.6	28.8	29.3	30.1
12H	4H	22.6	23.3	23.3	24.0	24.7	24.9	25.5	25.5	26.2	27.0
	6H	23.3	23.9	24.0	24.6	25.4	26.4	26.9	27.1	27.6	28.4
	8H	23.6	24.1	24.3	24.8	25.6	27.3	27.8	28.0	28.4	29.3

Maximum UGR = 30.1

POLAR GRAPH



Maximum Candela = 1342.737 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.)