

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-850-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-L42-850-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	4372
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
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	18571	16773	16823
55	15943	14298	14769
65	13216	12172	13162
75	10297	10529	12303
85	6773	10144	12999

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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	1414.803	1414.803	1414.803	1414.803	1414.803
0.5	1408.093	1413.461	1414.355	1413.908	1423.301
1.0	1408.093	1413.908	1413.908	1413.461	1422.854
1.5	1406.751	1413.908	1413.461	1413.013	1423.301
2.0	1406.304	1412.566	1413.461	1412.566	1421.959
2.5	1406.304	1412.566	1412.119	1412.119	1421.065
3.0	1404.962	1411.224	1411.224	1411.224	1420.170
3.5	1404.067	1409.882	1409.882	1410.330	1419.276
4.0	1403.173	1408.988	1408.988	1408.540	1418.381
4.5	1400.936	1407.646	1408.093	1407.646	1417.039
5.0	1399.594	1406.304	1406.304	1406.304	1415.697
5.5	1397.805	1404.515	1404.515	1404.962	1413.908
6.0	1396.911	1402.278	1402.726	1402.726	1412.119
6.5	1393.780	1400.489	1400.936	1400.936	1409.882
7.0	1391.990	1398.253	1398.700	1398.253	1408.093
7.5	1390.201	1395.569	1396.463	1396.463	1405.857
8.0	1387.965	1393.780	1393.780	1393.780	1402.726
8.5	1385.728	1390.649	1391.543	1391.543	1400.042
9.0	1382.150	1388.412	1388.859	1388.412	1396.911
9.5	1379.913	1385.281	1385.281	1385.281	1395.122
10.0	1376.335	1381.703	1381.703	1382.597	1391.543
10.5	1373.204	1378.571	1379.019	1379.019	1388.412
11.0	1370.073	1375.440	1375.888	1375.440	1384.834
11.5	1366.047	1371.862	1372.757	1371.862	1381.703
12.0	1362.469	1367.836	1368.731	1368.731	1377.677
12.5	1358.890	1363.811	1365.153	1364.258	1374.099
13.0	1354.865	1360.232	1361.127	1360.680	1370.073
13.5	1350.839	1355.759	1356.654	1356.654	1366.494
14.0	1345.919	1351.286	1352.181	1352.181	1361.574
14.5	1341.893	1346.813	1347.708	1347.708	1357.996
15.0	1337.867	1342.340	1342.788	1342.788	1352.628
15.5	1332.947	1336.973	1338.315	1338.315	1347.261
16.0	1327.580	1332.053	1333.394	1333.394	1342.788
16.5	1323.107	1326.685	1328.027	1328.474	1337.867
17.0	1316.844	1320.870	1322.659	1323.107	1332.500
17.5	1311.477	1315.503	1317.292	1317.739	1327.132
18.0	1306.557	1310.135	1311.477	1312.819	1322.212
18.5	1300.742	1304.767	1306.109	1307.004	1316.397
19.0	1294.927	1298.058	1300.294	1301.189	1310.135
19.5	1288.217	1292.690	1294.480	1296.269	1304.320
20.0	1281.061	1285.981	1288.217	1289.559	1298.058
20.5	1273.904	1280.166	1281.955	1283.744	1292.243
21.0	1268.089	1273.009	1274.351	1277.930	1285.981
21.5	1261.379	1266.300	1268.536	1270.325	1279.271
22.0	1254.223	1260.038	1262.274	1264.063	1273.457
22.5	1247.961	1251.986	1255.117	1257.801	1266.747
23.0	1240.357	1244.829	1247.961	1250.644	1259.590
23.5	1232.305	1237.225	1241.251	1243.935	1252.881
24.0	1224.254	1229.621	1233.647	1236.778	1245.724
24.5	1217.544	1222.017	1226.490	1229.174	1237.673
25.0	1209.940	1214.413	1219.334	1222.017	1230.516
25.5	1201.442	1206.809	1210.835	1214.861	1222.017
26.0	1193.390	1198.311	1203.678	1207.256	1215.308
26.5	1184.892	1189.812	1196.074	1199.205	1207.704

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27.0	1176.393	1180.866	1188.470	1192.496	1200.100
27.5	1166.552	1172.367	1179.971	1183.550	1192.496
28.0	1159.396	1163.869	1171.473	1175.498	1183.997
28.5	1150.002	1155.370	1162.974	1167.000	1175.498
29.0	1141.056	1146.424	1154.028	1158.948	1167.447
29.5	1131.663	1137.031	1145.082	1150.002	1158.501
30.0	1122.270	1128.085	1136.136	1142.398	1150.897
30.5	1112.429	1118.244	1127.637	1133.900	1141.951
31.0	1103.036	1108.851	1118.244	1124.954	1132.558
31.5	1093.196	1099.905	1109.298	1116.455	1124.506
32.0	1083.802	1089.617	1100.352	1107.062	1115.113
32.5	1073.514	1079.777	1090.959	1098.116	1106.167
33.0	1063.674	1070.383	1080.671	1089.170	1097.221
33.5	1054.281	1060.543	1071.725	1079.329	1087.828
34.0	1043.098	1050.255	1061.885	1070.383	1079.329
34.5	1032.810	1040.414	1052.491	1060.543	1069.489
35.0	1023.417	1029.679	1043.098	1051.597	1060.096
35.5	1011.340	1019.839	1032.810	1041.756	1050.255
36.0	1001.947	1009.104	1022.970	1031.916	1040.862
36.5	990.317	998.368	1012.682	1022.523	1031.916
37.0	979.582	988.081	1002.394	1012.235	1022.523
37.5	968.400	976.898	992.554	1003.289	1012.235
38.0	957.217	966.163	981.818	993.001	1001.500
38.5	945.587	954.981	971.531	983.608	991.659
39.0	935.299	943.798	960.795	973.320	983.608
39.5	923.670	933.510	950.508	963.032	972.872
40.0	911.145	921.881	939.772	953.639	962.585
40.5	899.516	910.698	929.485	943.798	952.744
41.0	888.781	899.516	918.749	933.510	942.456
41.5	877.151	888.333	908.014	923.222	932.616
42.0	865.521	877.151	897.279	913.382	922.775
42.5	854.339	865.521	886.097	903.094	912.487
43.0	841.814	854.339	875.809	893.253	902.647
43.5	831.079	842.709	864.626	882.966	892.806
44.0	819.002	831.079	853.444	873.125	882.518
44.5	807.820	819.897	842.262	862.390	872.230
45.0	796.190	808.267	831.526	852.997	862.837
45.5	784.560	797.084	820.791	843.156	852.997
46.0	772.930	785.455	809.162	832.421	842.709
46.5	761.301	773.825	799.321	823.475	832.868
47.0	749.224	762.643	788.139	812.740	823.028
47.5	737.594	751.013	776.956	802.452	812.740
48.0	726.411	739.383	765.774	793.059	802.452
48.5	713.887	728.201	755.486	782.324	792.612
49.0	702.705	716.124	743.856	772.036	782.324
49.5	691.075	704.941	733.121	762.195	772.483
50.0	678.998	693.311	722.386	751.460	762.195
50.5	667.815	682.129	711.203	742.514	752.802
51.0	656.186	670.499	701.363	732.226	742.961
51.5	645.003	658.870	690.180	722.386	733.121
52.0	632.926	647.687	679.445	712.098	723.280
52.5	621.296	636.057	669.157	701.810	713.887
53.0	609.219	624.875	658.422	692.864	703.599
53.5	597.590	613.692	648.134	682.576	694.206
54.0	586.407	602.510	637.847	672.736	684.813
54.5	575.672	590.880	627.559	663.790	675.420

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55.0	564.490	580.145	617.271	653.502	666.921
55.5	555.096	568.963	606.983	644.109	656.633
56.0	544.361	559.122	597.142	634.715	647.240
56.5	533.179	548.834	586.855	625.322	638.294
57.0	522.444	538.546	577.014	615.929	628.901
57.5	511.261	527.811	568.515	606.983	618.613
58.0	500.079	517.076	558.675	597.142	611.009
58.5	489.344	506.341	548.834	588.644	602.063
59.0	478.609	495.606	539.441	581.040	592.669
59.5	467.873	485.318	530.942	571.646	585.513
60.0	457.138	474.583	521.549	562.700	576.567
60.5	446.627	464.295	512.156	554.202	567.621
61.0	436.071	454.007	502.763	545.703	559.122
61.5	425.604	443.809	493.369	537.205	551.071
62.0	415.316	433.700	484.423	529.153	542.572
62.5	405.162	423.680	475.030	521.102	534.521
63.0	394.874	413.706	466.084	512.603	527.364
63.5	384.676	403.865	457.586	504.552	519.313
64.0	374.746	394.159	448.640	496.053	511.261
64.5	364.861	384.676	440.141	488.002	503.210
65.0	355.065	375.149	431.598	479.950	495.606
65.5	345.403	365.845	423.144	471.899	487.554
66.0	335.607	356.541	414.779	463.848	479.950
66.5	326.035	347.461	406.459	456.244	472.346
67.0	316.687	338.470	398.184	448.192	464.742
67.5	307.294	329.614	390.088	440.678	457.138
68.0	298.034	320.981	382.037	433.074	449.981
68.5	288.910	312.393	374.165	425.693	442.512
69.0	279.829	303.894	366.382	418.268	435.444
69.5	270.883	295.574	358.688	411.067	428.422
70.0	261.982	287.389	351.129	403.999	421.444
70.5	253.305	279.293	343.569	396.932	414.556
71.0	244.717	271.286	336.144	389.954	407.757
71.5	236.218	263.458	328.898	383.155	401.047
72.0	227.898	255.586	321.652	376.401	394.517
72.5	219.534	247.982	314.584	369.781	388.031
73.0	211.393	240.423	307.562	363.250	381.500
73.5	203.476	232.953	300.763	356.765	375.149
74.0	195.648	225.706	293.875	350.502	368.752
74.5	187.954	218.415	287.299	344.285	362.714
75.0	180.306	211.303	280.769	338.202	356.854
75.5	172.791	204.370	274.328	332.163	350.905
76.0	165.500	197.571	268.066	326.169	345.090
76.5	158.254	190.862	261.848	320.310	339.275
77.0	151.097	184.197	255.720	314.495	333.639
77.5	144.075	177.711	249.682	308.859	328.048
78.0	137.141	171.360	243.822	303.313	322.546
78.5	130.343	165.098	238.007	297.721	317.089
79.0	123.678	159.014	232.371	292.309	311.722
79.5	117.058	152.976	226.825	287.031	306.354
80.0	110.527	147.027	221.278	281.798	301.255
80.5	104.176	141.257	215.911	276.519	296.066
81.0	98.003	135.576	210.767	271.420	291.012
81.5	91.741	130.029	205.623	266.366	285.957
82.0	85.702	124.617	200.613	261.490	281.082
82.5	79.798	119.294	195.693	256.615	276.296

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83.0	73.983	114.106	190.862	251.918	271.644
83.5	68.213	109.051	186.255	247.132	266.813
84.0	62.577	104.131	181.782	242.614	262.206
84.5	56.986	99.390	177.398	238.141	257.688
85.0	51.618	94.782	173.104	233.713	253.170
85.5	46.251	90.399	168.900	229.419	248.787
86.0	40.972	86.194	164.784	225.214	244.448
86.5	35.739	82.258	160.893	221.010	240.109
87.0	30.595	78.456	156.957	217.029	235.860
87.5	25.451	74.922	153.244	213.003	231.790
88.0	20.352	71.478	149.576	209.112	227.675
88.5	15.208	68.258	146.043	205.265	223.694
89.0	10.511	65.216	142.688	201.552	219.757
89.5	6.665	62.398	139.423	197.974	215.911
90.0	3.981	59.893	136.426	194.574	212.377
90.5	2.818	57.701	133.653	191.175	208.620
91.0	2.997	55.689	130.835	187.731	205.041
91.5	3.578	53.765	128.017	184.466	201.463
92.0	4.249	52.155	125.333	181.156	197.974
92.5	4.965	50.768	123.052	177.980	194.530
93.0	5.681	49.561	120.681	174.983	191.220
93.5	6.441	48.621	118.444	172.031	188.089
94.0	7.246	47.816	116.342	169.257	185.047
94.5	8.007	47.235	114.374	166.439	181.916
95.0	8.767	46.787	112.540	163.666	178.919
95.5	9.483	46.474	110.840	161.027	175.967
96.0	10.064	46.340	109.364	158.478	173.059
96.5	10.646	46.340	107.888	156.107	170.376
97.0	11.182	46.385	106.546	153.826	167.692
97.5	11.764	46.564	105.294	151.634	165.232
98.0	12.256	46.743	104.176	149.487	162.727
98.5	12.837	46.966	103.236	147.429	160.401
99.0	13.419	47.235	102.252	145.506	158.120
99.5	14.045	47.548	101.402	143.672	155.883
100.0	14.582	47.861	100.731	141.972	153.870
100.5	15.208	48.219	100.060	140.317	151.813
101.0	15.745	48.577	99.568	138.752	149.979
101.5	16.282	48.934	99.076	137.276	148.100
102.0	16.774	49.292	98.719	135.889	146.445
102.5	17.266	49.650	98.361	134.592	144.790
103.0	17.758	50.053	98.092	133.295	143.314
103.5	18.294	50.455	97.869	132.176	141.793
104.0	18.876	50.813	97.645	131.148	140.407
104.5	19.457	51.216	97.511	130.164	139.110
105.0	19.994	51.618	97.377	129.269	137.857
105.5	20.486	51.976	97.243	128.330	136.784
106.0	21.068	52.423	97.198	127.525	135.710
106.5	21.604	52.826	97.198	126.764	134.637
107.0	22.141	53.273	97.198	126.048	133.742
107.5	22.633	53.631	97.198	125.512	132.803
108.0	23.259	54.078	97.198	124.886	131.863
108.5	23.841	54.526	97.243	124.438	131.237
109.0	24.422	54.883	97.332	123.857	130.611
109.5	25.049	55.286	97.377	123.454	129.940
110.0	25.675	55.689	97.466	123.007	129.403
110.5	26.301	56.091	97.556	122.604	128.911

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111.0	26.927	56.494	97.600	122.246	128.374
111.5	27.554	56.852	97.645	121.978	127.927
112.0	28.224	57.254	97.735	121.710	127.390
112.5	28.895	57.657	97.824	121.397	126.898
113.0	29.611	58.059	97.958	121.173	126.675
113.5	30.282	58.417	97.958	120.949	126.362
114.0	30.998	58.775	98.048	120.770	126.048
114.5	31.669	59.177	98.137	120.547	125.780
115.0	32.384	59.491	98.227	120.413	125.556
115.5	33.100	59.893	98.227	120.278	125.333
116.0	33.771	60.251	98.361	120.099	125.064
116.5	34.397	60.609	98.450	119.921	124.975
117.0	35.113	61.011	98.540	119.921	124.751
117.5	35.784	61.325	98.629	119.742	124.617
118.0	36.365	61.638	98.719	119.652	124.438
118.5	37.036	61.951	98.763	119.518	124.393
119.0	37.618	62.264	98.853	119.384	124.125
119.5	38.244	62.487	98.942	119.250	124.080
120.0	38.825	62.711	98.898	119.160	123.857
120.5	39.407	62.980	98.942	118.981	123.812
121.0	39.988	63.158	99.032	118.847	123.633
121.5	40.615	63.382	98.987	118.668	123.544
122.0	41.196	63.650	98.987	118.579	123.409
122.5	41.778	63.919	99.032	118.400	123.096
123.0	42.359	64.187	98.987	118.221	123.052
123.5	42.896	64.411	98.898	118.087	122.783
124.0	43.343	64.590	98.898	117.952	122.738
124.5	43.790	64.769	98.898	117.729	122.560
125.0	44.238	64.992	98.808	117.505	122.381
125.5	44.685	65.127	98.719	117.371	122.157
126.0	45.088	65.305	98.674	117.103	121.978
126.5	45.445	65.529	98.584	116.924	121.844
127.0	45.848	65.619	98.495	116.700	121.665
127.5	46.161	65.753	98.361	116.476	121.352
128.0	46.564	65.753	98.316	116.208	121.173
128.5	46.877	65.842	98.137	115.984	120.994
129.0	47.190	65.932	97.958	115.761	120.770
129.5	47.458	66.066	97.645	115.403	120.502
130.0	47.682	66.155	97.332	115.179	120.234
130.5	47.906	66.245	96.974	114.911	119.921
131.0	48.040	66.379	96.616	114.508	119.607
131.5	48.219	66.513	96.258	114.150	119.294
132.0	48.398	66.647	95.856	113.927	119.026
132.5	48.487	66.692	95.409	113.479	118.623
133.0	48.621	66.737	95.230	113.077	118.131
133.5	48.666	66.692	94.961	112.764	117.908
134.0	48.711	66.603	94.782	112.406	117.595
134.5	48.845	66.424	94.559	112.003	117.013
135.0	48.979	66.290	94.290	111.467	116.566
135.5	48.934	65.932	94.067	111.109	116.208
136.0	49.024	65.887	93.754	110.661	115.761
136.5	49.113	65.753	93.530	110.169	115.313
137.0	49.158	65.529	93.172	109.767	114.821
137.5	49.203	65.305	92.859	109.230	114.374
138.0	49.292	65.171	92.412	108.783	113.837
138.5	49.292	64.992	91.830	108.291	113.435

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	49.247	64.858	91.159	107.709	112.808
139.5	49.247	64.679	90.354	107.083	112.361
140.0	49.247	64.456	89.460	106.502	111.735
140.5	49.247	64.321	88.654	105.786	111.064
141.0	49.247	64.232	87.760	105.025	110.527
141.5	49.247	64.053	86.865	104.355	109.991
142.0	49.203	63.964	86.015	103.505	109.409
142.5	49.158	63.829	85.121	102.744	108.738
143.0	49.113	63.695	84.271	102.029	108.067
143.5	49.113	63.516	83.287	101.268	107.441
144.0	49.113	63.293	82.437	100.687	106.725
144.5	49.247	63.114	81.587	100.016	106.099
145.0	49.426	62.935	80.648	99.434	105.383
145.5	49.740	62.711	79.798	98.853	104.668
146.0	50.142	62.532	78.993	98.227	103.997
146.5	50.545	62.353	78.322	97.556	103.236
147.0	50.947	62.130	77.561	96.885	102.476
147.5	51.305	62.040	76.980	96.214	101.715
148.0	51.708	61.861	76.354	95.453	100.910
148.5	52.065	61.817	75.862	94.738	100.105
149.0	52.513	61.817	75.325	94.022	99.390
149.5	52.826	61.951	74.833	93.262	98.495
150.0	53.184	62.040	74.341	92.546	97.556
150.5	53.497	62.085	73.804	91.741	96.572
151.0	53.720	62.219	73.088	90.936	95.409
151.5	53.944	62.264	72.328	90.086	94.335
152.0	54.212	62.353	71.612	89.191	93.262
152.5	54.481	62.443	70.941	88.252	92.099
153.0	54.660	62.487	70.226	87.178	91.159
153.5	54.883	62.622	69.465	86.060	90.086
154.0	55.062	62.577	68.794	84.808	89.191
154.5	55.286	62.622	68.213	83.600	88.297
155.0	55.375	62.711	67.631	82.213	87.626
155.5	55.554	62.756	67.050	80.916	86.910
156.0	55.689	62.756	66.647	79.530	86.284
156.5	55.912	62.756	66.245	78.143	85.479
157.0	56.002	62.845	65.842	76.890	84.718
157.5	56.136	62.845	65.574	75.683	83.868
158.0	56.315	62.801	65.440	74.430	83.063
158.5	56.360	62.801	65.261	73.402	82.124
159.0	56.583	62.666	65.127	72.417	81.319
159.5	56.762	62.577	64.903	71.478	80.424
160.0	56.986	62.487	64.679	70.718	79.530
160.5	57.254	62.443	64.500	70.002	78.680
161.0	57.433	62.309	64.456	69.242	77.830
161.5	57.701	62.264	64.366	68.481	77.204
162.0	57.925	62.174	64.500	67.855	76.667
162.5	58.149	62.174	64.590	67.184	76.041
163.0	58.417	62.130	64.635	66.468	75.504
163.5	58.641	62.130	64.724	65.708	74.833
164.0	58.730	62.130	64.813	64.769	74.207
164.5	58.864	62.040	64.724	64.053	73.402
165.0	58.999	62.040	64.590	63.337	72.596
165.5	59.133	61.995	64.456	62.845	71.747
166.0	59.267	61.951	64.366	62.309	70.449
166.5	59.401	61.951	64.232	61.861	69.823

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	59.580	61.951	64.098	61.459	69.331
167.5	59.670	61.951	63.829	61.101	68.839
168.0	59.804	61.951	63.606	60.743	68.437
168.5	60.072	61.772	63.293	60.430	67.945
169.0	60.206	61.817	63.069	60.117	67.452
169.5	60.430	61.682	62.711	59.759	66.916
170.0	60.519	61.638	62.398	59.312	66.424
170.5	60.654	61.548	61.995	58.820	65.887
171.0	60.743	61.459	61.548	58.283	65.216
171.5	60.877	61.459	61.146	57.791	64.679
172.0	61.101	61.369	60.922	57.299	63.874
172.5	61.235	61.369	60.654	56.762	62.980
173.0	61.414	61.280	60.430	56.270	61.459
173.5	61.638	61.325	60.340	55.778	59.177
174.0	61.817	61.325	60.296	55.375	56.360
174.5	61.951	61.325	60.206	54.973	53.005
175.0	62.219	61.459	60.162	54.660	49.203
175.5	62.309	61.503	60.117	54.526	45.222
176.0	62.487	61.593	60.117	54.391	42.627
176.5	62.532	61.638	60.072	54.391	40.794
177.0	62.711	61.727	59.983	54.257	38.915
177.5	62.756	61.727	59.848	54.212	38.512
178.0	62.935	61.817	59.804	54.168	38.602
178.5	63.024	61.861	59.848	54.078	38.691
179.0	63.114	61.861	59.804	53.944	38.736
179.5	63.203	61.861	59.759	53.899	38.781
180.0	56.673	56.673	56.673	56.673	56.673

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-850-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	512.10	N.A.	11.70
0-30	1073.02	N.A.	24.50
0-40	1723.66	N.A.	39.40
0-60	2917.07	N.A.	66.70
0-80	3634.15	N.A.	83.10
0-90	3814.49	N.A.	87.30
10-90	3680.99	N.A.	84.20
20-40	1211.56	N.A.	27.70
20-50	1852.28	N.A.	42.40
40-70	1618.52	N.A.	37.00
60-80	717.08	N.A.	16.40
70-80	291.97	N.A.	6.70
80-90	180.34	N.A.	4.10
90-110	210.64	N.A.	4.80
90-120	299.32	N.A.	6.80
90-130	380.94	N.A.	8.70
90-150	500.10	N.A.	11.40
90-180	557.06	N.A.	12.70
110-180	346.42	N.A.	7.90
0-180	4371.56	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	133.51
10-20	378.59
20-30	560.92
30-40	650.64
40-50	640.72
50-60	552.69
60-70	425.11
70-80	291.97
80-90	180.34
90-100	115.55
100-110	95.10
110-120	88.68
120-130	81.61
130-140	68.58
140-150	50.58
150-160	33.07
160-170	18.22
170-180	5.68

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-850-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-L42-850-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

X=2H	Y=2H	19.2	20.6	19.8	21.2	21.8	20.8	22.2	21.4	22.8	23.4
	3H	20.6	21.8	21.2	22.4	23.1	23.0	24.2	23.6	24.8	25.5
	4H	21.0	22.2	21.6	22.8	23.5	24.0	25.2	24.6	25.8	26.5
	6H	21.3	22.4	21.9	23.0	23.7	25.1	26.2	25.7	26.8	27.5
	8H	21.4	22.5	22.0	23.1	23.8	25.7	26.7	26.3	27.4	28.0
	12H	21.5	22.4	22.1	23.1	23.8	26.3	27.3	26.9	27.9	28.6

UGR Viewed Endwise

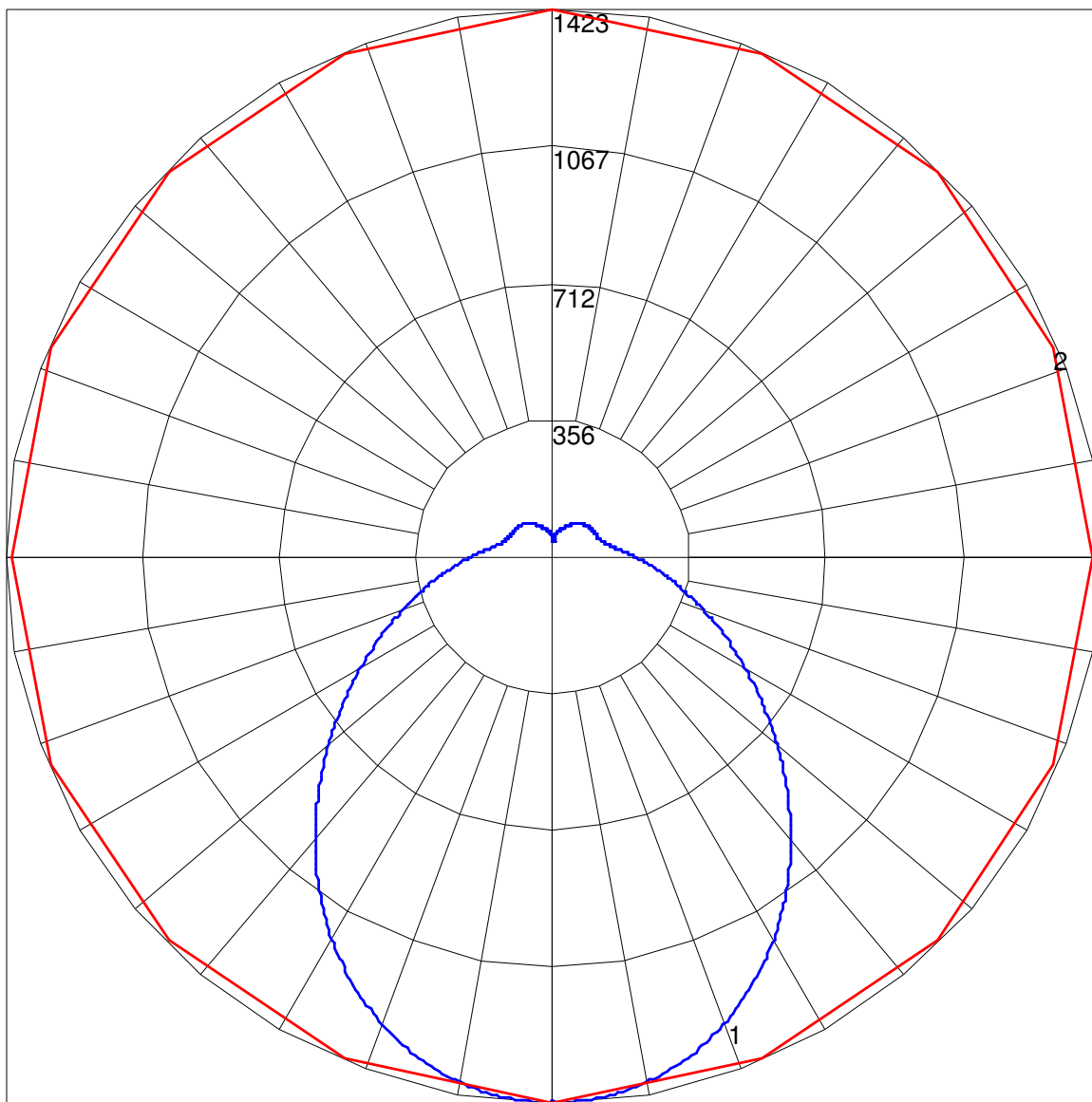
4H	2H	20.0	21.1	20.6	21.7	22.4	21.2	22.4	21.8	23.0	23.7
	3H	21.6	22.6	22.2	23.2	23.9	23.6	24.6	24.3	25.3	26.0
	4H	22.1	23.0	22.8	23.7	24.4	24.9	25.8	25.5	26.4	27.1
	6H	22.5	23.3	23.2	24.0	24.7	26.2	26.9	26.8	27.6	28.3
	8H	22.7	23.4	23.3	24.1	24.8	26.8	27.6	27.5	28.2	29.0
	12H	22.7	23.4	23.4	24.1	24.8	27.6	28.2	28.2	28.9	29.7

8H	4H	22.7	23.4	23.3	24.1	24.8	25.1	25.8	25.7	26.5	27.2
	6H	23.3	23.9	23.9	24.6	25.3	26.5	27.2	27.2	27.9	28.6
	8H	23.5	24.0	24.2	24.7	25.5	27.3	27.9	28.0	28.6	29.4
	12H	23.6	24.1	24.3	24.8	25.6	28.3	28.8	29.0	29.5	30.3

12H	4H	22.8	23.5	23.5	24.2	24.9	25.1	25.7	25.7	26.4	27.2
	6H	23.5	24.1	24.2	24.8	25.6	26.6	27.1	27.3	27.8	28.6
	8H	23.8	24.3	24.5	25.0	25.8	27.5	28.0	28.2	28.6	29.5

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 1423.301 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.)