

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-935-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-L42-935-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	3423
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
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	14542	13133	13173
55	12483	11195	11564
65	10348	9531	10306
75	8063	8244	9633
85	5304	7943	10178

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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	1107.817	1107.817	1107.817	1107.817	1107.817
0.5	1102.563	1106.766	1107.467	1107.117	1114.472
1.0	1102.563	1107.117	1107.117	1106.766	1114.121
1.5	1101.513	1107.117	1106.766	1106.416	1114.472
2.0	1101.162	1106.066	1106.766	1106.066	1113.421
2.5	1101.162	1106.066	1105.716	1105.716	1112.720
3.0	1100.112	1105.015	1105.015	1105.015	1112.020
3.5	1099.411	1103.964	1103.964	1104.315	1111.319
4.0	1098.711	1103.264	1103.264	1102.914	1110.619
4.5	1096.959	1102.213	1102.563	1102.213	1109.568
5.0	1095.909	1101.162	1101.162	1101.162	1108.517
5.5	1094.508	1099.761	1099.761	1100.112	1107.117
6.0	1093.807	1098.010	1098.360	1098.360	1105.716
6.5	1091.356	1096.609	1096.959	1096.959	1103.964
7.0	1089.955	1094.858	1095.208	1094.858	1102.563
7.5	1088.554	1092.757	1093.457	1093.457	1100.812
8.0	1086.802	1091.356	1091.356	1091.356	1098.360
8.5	1085.051	1088.904	1089.604	1089.604	1096.259
9.0	1082.249	1087.153	1087.503	1087.153	1093.807
9.5	1080.498	1084.701	1084.701	1084.701	1092.406
10.0	1077.696	1081.899	1081.899	1082.600	1089.604
10.5	1075.244	1079.447	1079.798	1079.798	1087.153
11.0	1072.793	1076.996	1077.346	1076.996	1084.351
11.5	1069.641	1074.194	1074.894	1074.194	1081.899
12.0	1066.839	1071.042	1071.742	1071.742	1078.747
12.5	1064.037	1067.889	1068.940	1068.240	1075.945
13.0	1060.885	1065.087	1065.788	1065.438	1072.793
13.5	1057.732	1061.585	1062.285	1062.285	1069.991
14.0	1053.880	1058.083	1058.783	1058.783	1066.138
14.5	1050.727	1054.580	1055.281	1055.281	1063.336
15.0	1047.575	1051.078	1051.428	1051.428	1059.133
15.5	1043.723	1046.875	1047.926	1047.926	1054.930
16.0	1039.520	1043.022	1044.073	1044.073	1051.428
16.5	1036.017	1038.819	1039.870	1040.220	1047.575
17.0	1031.114	1034.266	1035.667	1036.017	1043.372
17.5	1026.911	1030.063	1031.464	1031.814	1039.169
18.0	1023.058	1025.860	1026.911	1027.962	1035.317
18.5	1018.505	1021.657	1022.708	1023.409	1030.764
19.0	1013.952	1016.404	1018.155	1018.855	1025.860
19.5	1008.698	1012.201	1013.602	1015.003	1021.307
20.0	1003.095	1006.947	1008.698	1009.749	1016.404
20.5	997.491	1002.394	1003.795	1005.196	1011.851
21.0	992.937	996.790	997.841	1000.643	1006.947
21.5	987.684	991.537	993.288	994.689	1001.694
22.0	982.080	986.633	988.384	989.785	997.140
22.5	977.177	980.329	982.780	984.882	991.887
23.0	971.222	974.725	977.177	979.278	986.283
23.5	964.918	968.771	971.923	974.024	981.029
24.0	958.614	962.817	965.969	968.421	975.425
24.5	953.360	956.862	960.365	962.466	969.121
25.0	947.406	950.908	954.761	956.862	963.517
25.5	940.751	944.954	948.106	951.259	956.862
26.0	934.447	938.300	942.503	945.304	951.609
26.5	927.792	931.645	936.548	939.000	945.655

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.0	921.138	924.640	930.594	933.746	939.701
27.5	913.432	917.986	923.940	926.742	933.746
28.0	907.829	911.331	917.285	920.437	927.092
28.5	900.473	904.676	910.630	913.783	920.437
29.0	893.469	897.672	903.626	907.478	914.133
29.5	886.114	890.316	896.621	900.473	907.128
30.0	878.758	883.312	889.616	894.519	901.174
30.5	871.053	875.606	882.961	887.865	894.169
31.0	863.698	868.251	875.606	880.860	886.814
31.5	855.993	861.246	868.601	874.205	880.510
32.0	848.638	853.191	861.597	866.850	873.155
32.5	840.582	845.485	854.241	859.845	866.150
33.0	832.877	838.130	846.186	852.840	859.145
33.5	825.522	830.425	839.181	845.135	851.790
34.0	816.765	822.369	831.476	838.130	845.135
34.5	808.710	814.664	824.121	830.425	837.430
35.0	801.355	806.258	816.765	823.420	830.075
35.5	791.898	798.553	808.710	815.715	822.369
36.0	784.543	790.147	801.005	808.009	815.014
36.5	775.437	781.741	792.949	800.654	808.009
37.0	767.031	773.686	784.893	792.599	800.654
37.5	758.275	764.930	777.188	785.594	792.599
38.0	749.519	756.524	768.782	777.538	784.193
38.5	740.413	747.768	760.727	770.183	776.488
39.0	732.357	739.012	752.321	762.128	770.183
39.5	723.251	730.956	744.265	754.072	761.777
40.0	713.444	721.850	735.859	746.717	753.722
40.5	704.338	713.094	727.804	739.012	746.017
41.0	695.932	704.338	719.398	730.956	737.961
41.5	686.826	695.582	710.992	722.901	730.256
42.0	677.719	686.826	702.586	715.195	722.550
42.5	668.963	677.719	693.830	707.140	714.495
43.0	659.156	668.963	685.775	699.434	706.789
43.5	650.751	659.857	677.019	691.379	699.084
44.0	641.294	650.751	668.263	683.673	691.028
44.5	632.538	641.994	659.507	675.268	682.973
45.0	623.432	632.888	651.101	667.912	675.618
45.5	614.325	624.132	642.695	660.207	667.912
46.0	605.219	615.026	633.589	651.801	659.857
46.5	596.113	605.920	625.883	644.796	652.152
47.0	586.656	597.163	617.127	636.391	644.446
47.5	577.550	588.057	608.371	628.335	636.391
48.0	568.794	578.951	599.615	620.980	628.335
48.5	558.987	570.195	591.560	612.574	620.630
49.0	550.231	560.738	582.453	604.519	612.574
49.5	541.125	551.982	574.047	596.813	604.869
50.0	531.668	542.876	565.642	588.407	596.813
50.5	522.912	534.120	556.886	581.403	589.458
51.0	513.806	525.014	549.180	573.347	581.753
51.5	505.050	515.907	540.424	565.642	574.047
52.0	495.593	507.151	532.018	557.586	566.342
52.5	486.487	498.045	523.963	549.530	558.987
53.0	477.030	489.289	515.557	542.526	550.931
53.5	467.924	480.533	507.501	534.470	543.576
54.0	459.168	471.777	499.446	526.765	536.221
54.5	450.762	462.670	491.390	519.760	528.866

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	442.006	454.265	483.335	511.704	522.212
55.5	434.651	445.508	475.279	504.349	514.156
56.0	426.245	437.803	467.574	496.994	506.801
56.5	417.489	429.748	459.518	489.639	499.796
57.0	409.083	421.692	451.813	482.284	492.441
57.5	400.327	413.286	445.158	475.279	484.385
58.0	391.571	404.880	437.453	467.574	478.431
58.5	383.165	396.475	429.748	460.919	471.426
59.0	374.759	388.069	422.392	454.965	464.071
59.5	366.354	380.013	415.738	447.610	458.467
60.0	357.948	371.607	408.383	440.605	451.463
60.5	349.717	363.552	401.028	433.950	444.458
61.0	341.451	355.496	393.673	427.296	437.803
61.5	333.256	347.511	386.317	420.641	431.499
62.0	325.200	339.595	379.313	414.337	424.844
62.5	317.250	331.750	371.958	408.033	418.540
63.0	309.194	323.939	364.953	401.378	412.936
63.5	301.209	316.234	358.298	395.074	406.632
64.0	293.433	308.634	351.293	388.419	400.327
64.5	285.693	301.209	344.639	382.115	394.023
65.0	278.022	293.748	337.949	375.810	388.069
65.5	270.457	286.463	331.329	369.506	381.764
66.0	262.787	279.178	324.780	363.201	375.810
66.5	255.292	272.068	318.265	357.247	369.856
67.0	247.972	265.028	311.786	350.943	363.902
67.5	240.617	258.094	305.446	345.059	357.948
68.0	233.367	251.334	299.142	339.105	352.344
68.5	226.222	244.609	292.978	333.326	346.495
69.0	219.112	237.955	286.884	327.512	340.961
69.5	212.107	231.440	280.859	321.873	335.462
70.0	205.137	225.031	274.940	316.339	329.998
70.5	198.342	218.691	269.021	310.805	324.605
71.0	191.618	212.422	263.207	305.341	319.281
71.5	184.963	206.293	257.533	300.018	314.027
72.0	178.449	200.129	251.859	294.729	308.914
72.5	171.899	194.174	246.326	289.545	303.835
73.0	165.525	188.255	240.827	284.432	298.722
73.5	159.325	182.406	235.503	279.353	293.748
74.0	153.196	176.732	230.109	274.450	288.740
74.5	147.172	171.023	224.961	269.582	284.012
75.0	141.183	165.455	219.847	264.818	279.423
75.5	135.299	160.026	214.804	260.090	274.765
76.0	129.590	154.702	209.900	255.397	270.212
76.5	123.916	149.448	205.032	250.809	265.659
77.0	118.312	144.230	200.234	246.255	261.246
77.5	112.813	139.151	195.505	241.842	256.868
78.0	107.384	134.178	190.917	237.499	252.560
78.5	102.061	129.275	186.364	233.121	248.287
79.0	96.842	124.511	181.951	228.883	244.084
79.5	91.658	119.783	177.608	224.751	239.881
80.0	86.545	115.125	173.265	220.653	235.888
80.5	81.571	110.607	169.062	216.520	231.826
81.0	76.738	106.159	165.034	212.527	227.868
81.5	71.835	101.815	161.006	208.569	223.910
82.0	67.106	97.578	157.084	204.752	220.092
82.5	62.483	93.410	153.231	200.934	216.345

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

83.0	57.930	89.347	149.448	197.257	212.702
83.5	53.412	85.389	145.841	193.509	208.920
84.0	48.999	81.536	142.339	189.972	205.312
84.5	44.621	77.824	138.906	186.469	201.775
85.0	40.418	74.216	135.544	183.002	198.237
85.5	36.215	70.784	132.252	179.639	194.805
86.0	32.082	67.492	129.029	176.347	191.408
86.5	27.984	64.410	125.982	173.055	188.010
87.0	23.957	61.433	122.900	169.938	184.683
87.5	19.929	58.666	119.993	166.785	181.496
88.0	15.936	55.969	117.121	163.738	178.273
88.5	11.908	53.447	114.354	160.726	175.156
89.0	8.231	51.065	111.727	157.819	172.074
89.5	5.219	48.859	109.171	155.017	169.062
90.0	3.117	46.897	106.824	152.355	166.295
90.5	2.207	45.181	104.652	149.694	163.353
91.0	2.347	43.605	102.446	146.997	160.551
91.5	2.802	42.099	100.239	144.440	157.749
92.0	3.327	40.838	98.138	141.848	155.017
92.5	3.888	39.753	96.352	139.361	152.320
93.0	4.448	38.807	94.495	137.015	149.729
93.5	5.043	38.071	92.744	134.703	147.277
94.0	5.674	37.441	91.098	132.532	144.895
94.5	6.269	36.986	89.557	130.325	142.444
95.0	6.865	36.635	88.121	128.154	140.097
95.5	7.425	36.390	86.790	126.087	137.785
96.0	7.880	36.285	85.634	124.091	135.509
96.5	8.336	36.285	84.478	122.235	133.407
97.0	8.756	36.320	83.428	120.448	131.306
97.5	9.211	36.460	82.447	118.732	129.380
98.0	9.597	36.600	81.571	117.051	127.418
98.5	10.052	36.775	80.836	115.440	125.597
99.0	10.507	36.986	80.065	113.934	123.811
99.5	10.998	37.231	79.400	112.498	122.060
100.0	11.418	37.476	78.875	111.167	120.483
100.5	11.908	37.756	78.349	109.871	118.872
101.0	12.329	38.036	77.964	108.645	117.436
101.5	12.749	38.317	77.579	107.489	115.965
102.0	13.134	38.597	77.299	106.404	114.669
102.5	13.519	38.877	77.018	105.388	113.373
103.0	13.905	39.192	76.808	104.372	112.218
103.5	14.325	39.507	76.633	103.497	111.027
104.0	14.780	39.788	76.458	102.691	109.941
104.5	15.236	40.103	76.353	101.921	108.925
105.0	15.656	40.418	76.248	101.220	107.945
105.5	16.041	40.698	76.143	100.485	107.104
106.0	16.496	41.048	76.108	99.854	106.264
106.5	16.917	41.364	76.108	99.259	105.423
107.0	17.337	41.714	76.108	98.698	104.723
107.5	17.722	41.994	76.108	98.278	103.987
108.0	18.213	42.344	76.108	97.788	103.251
108.5	18.668	42.695	76.143	97.437	102.761
109.0	19.123	42.975	76.213	96.982	102.271
109.5	19.614	43.290	76.248	96.667	101.745
110.0	20.104	43.605	76.318	96.317	101.325
110.5	20.594	43.920	76.388	96.001	100.940

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**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

111.0	21.085	44.236	76.423	95.721	100.520
111.5	21.575	44.516	76.458	95.511	100.169
112.0	22.100	44.831	76.528	95.301	99.749
112.5	22.626	45.146	76.598	95.056	99.364
113.0	23.186	45.461	76.703	94.881	99.189
113.5	23.711	45.742	76.703	94.706	98.944
114.0	24.272	46.022	76.773	94.565	98.698
114.5	24.797	46.337	76.843	94.390	98.488
115.0	25.358	46.582	76.913	94.285	98.313
115.5	25.918	46.897	76.913	94.180	98.138
116.0	26.443	47.178	77.018	94.040	97.928
116.5	26.934	47.458	77.088	93.900	97.858
117.0	27.494	47.773	77.158	93.900	97.683
117.5	28.019	48.018	77.228	93.760	97.578
118.0	28.475	48.263	77.299	93.690	97.437
118.5	29.000	48.509	77.334	93.585	97.402
119.0	29.455	48.754	77.404	93.480	97.192
119.5	29.946	48.929	77.474	93.375	97.157
120.0	30.401	49.104	77.439	93.305	96.982
120.5	30.856	49.314	77.474	93.165	96.947
121.0	31.312	49.454	77.544	93.059	96.807
121.5	31.802	49.629	77.509	92.919	96.737
122.0	32.257	49.840	77.509	92.849	96.632
122.5	32.713	50.050	77.544	92.709	96.387
123.0	33.168	50.260	77.509	92.569	96.352
123.5	33.588	50.435	77.439	92.464	96.142
124.0	33.938	50.575	77.439	92.359	96.107
124.5	34.289	50.715	77.439	92.184	95.966
125.0	34.639	50.890	77.369	92.009	95.826
125.5	34.989	50.995	77.299	91.904	95.651
126.0	35.304	51.135	77.263	91.693	95.511
126.5	35.585	51.311	77.193	91.553	95.406
127.0	35.900	51.381	77.123	91.378	95.266
127.5	36.145	51.486	77.018	91.203	95.021
128.0	36.460	51.486	76.983	90.993	94.881
128.5	36.705	51.556	76.843	90.818	94.741
129.0	36.951	51.626	76.703	90.643	94.565
129.5	37.161	51.731	76.458	90.363	94.355
130.0	37.336	51.801	76.213	90.187	94.145
130.5	37.511	51.871	75.933	89.977	93.900
131.0	37.616	51.976	75.652	89.662	93.655
131.5	37.756	52.081	75.372	89.382	93.410
132.0	37.896	52.186	75.057	89.207	93.200
132.5	37.966	52.221	74.707	88.857	92.884
133.0	38.071	52.256	74.567	88.541	92.499
133.5	38.106	52.221	74.356	88.296	92.324
134.0	38.141	52.151	74.216	88.016	92.079
134.5	38.246	52.011	74.041	87.701	91.623
135.0	38.352	51.906	73.831	87.280	91.273
135.5	38.317	51.626	73.656	87.000	90.993
136.0	38.387	51.591	73.411	86.650	90.643
136.5	38.457	51.486	73.236	86.265	90.293
137.0	38.492	51.311	72.956	85.950	89.907
137.5	38.527	51.135	72.710	85.529	89.557
138.0	38.597	51.030	72.360	85.179	89.137
138.5	38.597	50.890	71.905	84.794	88.821

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	38.562	50.785	71.379	84.338	88.331
139.5	38.562	50.645	70.749	83.848	87.981
140.0	38.562	50.470	70.048	83.393	87.491
140.5	38.562	50.365	69.418	82.832	86.965
141.0	38.562	50.295	68.718	82.237	86.545
141.5	38.562	50.155	68.017	81.712	86.125
142.0	38.527	50.085	67.352	81.046	85.669
142.5	38.492	49.980	66.651	80.451	85.144
143.0	38.457	49.875	65.986	79.890	84.619
143.5	38.457	49.734	65.215	79.295	84.128
144.0	38.457	49.559	64.550	78.840	83.568
144.5	38.562	49.419	63.884	78.314	83.078
145.0	38.702	49.279	63.149	77.859	82.517
145.5	38.947	49.104	62.483	77.404	81.957
146.0	39.262	48.964	61.853	76.913	81.431
146.5	39.577	48.824	61.327	76.388	80.836
147.0	39.893	48.649	60.732	75.863	80.241
147.5	40.173	48.579	60.277	75.337	79.645
148.0	40.488	48.439	59.786	74.742	79.015
148.5	40.768	48.404	59.401	74.181	78.384
149.0	41.118	48.404	58.981	73.621	77.824
149.5	41.364	48.509	58.596	73.026	77.123
150.0	41.644	48.579	58.210	72.465	76.388
150.5	41.889	48.614	57.790	71.835	75.617
151.0	42.064	48.719	57.230	71.204	74.707
151.5	42.239	48.754	56.634	70.539	73.866
152.0	42.449	48.824	56.074	69.838	73.026
152.5	42.660	48.894	55.548	69.103	72.115
153.0	42.800	48.929	54.988	68.262	71.379
153.5	42.975	49.034	54.393	67.387	70.539
154.0	43.115	48.999	53.867	66.406	69.838
154.5	43.290	49.034	53.412	65.460	69.138
155.0	43.360	49.104	52.957	64.375	68.613
155.5	43.500	49.139	52.501	63.359	68.052
156.0	43.605	49.139	52.186	62.273	67.562
156.5	43.780	49.139	51.871	61.187	66.931
157.0	43.850	49.209	51.556	60.207	66.336
157.5	43.955	49.209	51.346	59.261	65.670
158.0	44.096	49.174	51.240	58.280	65.040
158.5	44.131	49.174	51.100	57.475	64.305
159.0	44.306	49.069	50.995	56.704	63.674
159.5	44.446	48.999	50.820	55.969	62.974
160.0	44.621	48.929	50.645	55.373	62.273
160.5	44.831	48.894	50.505	54.813	61.608
161.0	44.971	48.789	50.470	54.218	60.942
161.5	45.181	48.754	50.400	53.622	60.452
162.0	45.356	48.684	50.505	53.132	60.032
162.5	45.532	48.684	50.575	52.606	59.541
163.0	45.742	48.649	50.610	52.046	59.121
163.5	45.917	48.649	50.680	51.451	58.596
164.0	45.987	48.649	50.750	50.715	58.105
164.5	46.092	48.579	50.680	50.155	57.475
165.0	46.197	48.579	50.575	49.594	56.844
165.5	46.302	48.544	50.470	49.209	56.179
166.0	46.407	48.509	50.400	48.789	55.163
166.5	46.512	48.509	50.295	48.439	54.673

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	46.652	48.509	50.190	48.123	54.288
167.5	46.722	48.509	49.980	47.843	53.902
168.0	46.827	48.509	49.804	47.563	53.587
168.5	47.038	48.368	49.559	47.318	53.202
169.0	47.143	48.404	49.384	47.073	52.817
169.5	47.318	48.298	49.104	46.792	52.396
170.0	47.388	48.263	48.859	46.442	52.011
170.5	47.493	48.193	48.544	46.057	51.591
171.0	47.563	48.123	48.193	45.637	51.065
171.5	47.668	48.123	47.878	45.251	50.645
172.0	47.843	48.053	47.703	44.866	50.015
172.5	47.948	48.053	47.493	44.446	49.314
173.0	48.088	47.983	47.318	44.061	48.123
173.5	48.263	48.018	47.248	43.675	46.337
174.0	48.404	48.018	47.213	43.360	44.131
174.5	48.509	48.018	47.143	43.045	41.504
175.0	48.719	48.123	47.108	42.800	38.527
175.5	48.789	48.158	47.073	42.695	35.410
176.0	48.929	48.228	47.073	42.589	33.378
176.5	48.964	48.263	47.038	42.589	31.942
177.0	49.104	48.333	46.968	42.484	30.471
177.5	49.139	48.333	46.862	42.449	30.156
178.0	49.279	48.404	46.827	42.414	30.226
178.5	49.349	48.439	46.862	42.344	30.296
179.0	49.419	48.439	46.827	42.239	30.331
179.5	49.489	48.439	46.792	42.204	30.366
180.0	44.376	44.376	44.376	44.376	44.376



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	400.98	N.A.	11.70
0-30	840.20	N.A.	24.50
0-40	1349.66	N.A.	39.40
0-60	2284.12	N.A.	66.70
0-80	2845.61	N.A.	83.10
0-90	2986.82	N.A.	87.30
10-90	2882.28	N.A.	84.20
20-40	948.67	N.A.	27.70
20-50	1450.37	N.A.	42.40
40-70	1267.33	N.A.	37.00
60-80	561.49	N.A.	16.40
70-80	228.62	N.A.	6.70
80-90	141.21	N.A.	4.10
90-110	164.94	N.A.	4.80
90-120	234.37	N.A.	6.80
90-130	298.28	N.A.	8.70
90-150	391.59	N.A.	11.40
90-180	436.19	N.A.	12.70
110-180	271.26	N.A.	7.90
0-180	3423.01	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	104.54
10-20	296.45
20-30	439.21
30-40	509.46
40-50	501.70
50-60	432.77
60-70	332.87
70-80	228.62
80-90	141.21
90-100	90.48
100-110	74.46
110-120	69.44
120-130	63.91
130-140	53.70
140-150	39.60
150-160	25.89
160-170	14.27
170-180	4.44

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-935-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-L42-935-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	18.4	19.8	19.0	20.4	21.0	20.0	21.4	20.6	22.0	22.6
	3H	19.8	21.0	20.4	21.6	22.3	22.2	23.4	22.8	24.0	24.7
	4H	20.2	21.4	20.8	22.0	22.7	23.2	24.4	23.8	25.0	25.7
	6H	20.5	21.6	21.1	22.2	22.9	24.3	25.4	24.9	26.0	26.7
	8H	20.6	21.7	21.2	22.3	23.0	24.9	25.9	25.5	26.6	27.2
	12H	20.7	21.6	21.3	22.3	23.0	25.5	26.5	26.1	27.1	27.8

UGR Viewed Endwise

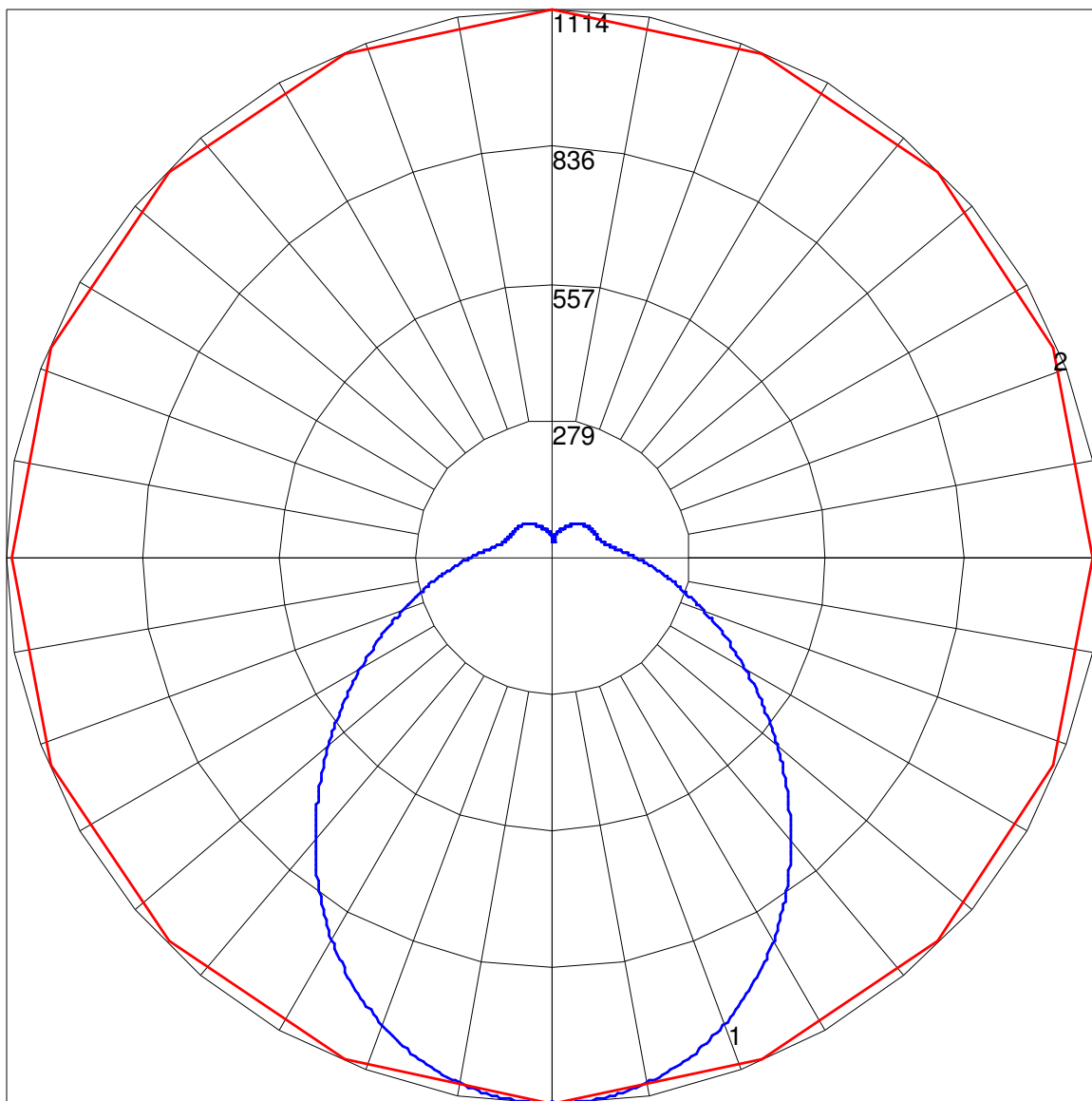
4H	2H	19.2	20.3	19.8	20.9	21.6	20.4	21.6	21.0	22.2	22.9
	3H	20.8	21.8	21.4	22.4	23.1	22.9	23.8	23.5	24.5	25.2
	4H	21.3	22.2	22.0	22.9	23.6	24.1	25.0	24.7	25.6	26.3
	6H	21.7	22.5	22.4	23.2	23.9	25.4	26.1	26.0	26.8	27.5
	8H	21.9	22.6	22.5	23.3	24.0	26.0	26.8	26.7	27.4	28.2
	12H	21.9	22.6	22.6	23.3	24.0	26.8	27.4	27.4	28.1	28.9

8H	4H	21.9	22.6	22.5	23.3	24.0	24.3	25.0	24.9	25.7	26.4
	6H	22.5	23.1	23.1	23.8	24.5	25.7	26.4	26.4	27.1	27.8
	8H	22.7	23.2	23.4	23.9	24.7	26.5	27.1	27.2	27.8	28.6
	12H	22.8	23.3	23.5	24.0	24.8	27.5	28.0	28.2	28.7	29.5

12H	4H	22.0	22.7	22.7	23.4	24.1	24.3	24.9	24.9	25.6	26.4
	6H	22.7	23.3	23.4	24.0	24.8	25.8	26.3	26.5	27.0	27.8
	8H	23.0	23.5	23.7	24.2	25.0	26.7	27.2	27.4	27.8	28.7

Maximum UGR = 29.5

POLAR GRAPH



Maximum Candela = 1114.472 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.)