

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-930-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-L42-930-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	3382
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
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	14366	12975	13014
55	12333	11060	11425
65	10223	9416	10182
75	7966	8145	9517
85	5240	7847	10055

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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	1094.470	1094.470	1094.470	1094.470	1094.470
0.5	1089.279	1093.432	1094.124	1093.778	1101.044
1.0	1089.279	1093.778	1093.778	1093.432	1100.698
1.5	1088.241	1093.778	1093.432	1093.086	1101.044
2.0	1087.895	1092.740	1093.432	1092.740	1100.006
2.5	1087.895	1092.740	1092.394	1092.394	1099.314
3.0	1086.857	1091.702	1091.702	1091.702	1098.622
3.5	1086.165	1090.664	1090.664	1091.010	1097.930
4.0	1085.473	1089.971	1089.971	1089.625	1097.238
4.5	1083.743	1088.933	1089.279	1088.933	1096.200
5.0	1082.705	1087.895	1087.895	1087.895	1095.162
5.5	1081.321	1086.511	1086.511	1086.857	1093.778
6.0	1080.629	1084.781	1085.127	1085.127	1092.394
6.5	1078.207	1083.397	1083.743	1083.743	1090.664
7.0	1076.823	1081.667	1082.013	1081.667	1089.279
7.5	1075.439	1079.591	1080.283	1080.283	1087.549
8.0	1073.708	1078.207	1078.207	1078.207	1085.127
8.5	1071.978	1075.785	1076.477	1076.477	1083.051
9.0	1069.210	1074.054	1074.400	1074.054	1080.629
9.5	1067.480	1071.632	1071.632	1071.632	1079.245
10.0	1064.712	1068.864	1068.864	1069.556	1076.477
10.5	1062.290	1066.442	1066.788	1066.788	1074.054
11.0	1059.868	1064.020	1064.366	1064.020	1071.286
11.5	1056.753	1061.252	1061.944	1061.252	1068.864
12.0	1053.985	1058.137	1058.829	1058.829	1065.750
12.5	1051.217	1055.023	1056.061	1055.369	1062.982
13.0	1048.103	1052.255	1052.947	1052.601	1059.868
13.5	1044.989	1048.795	1049.487	1049.487	1057.099
14.0	1041.182	1045.335	1046.027	1046.027	1053.293
14.5	1038.068	1041.874	1042.566	1042.566	1050.525
15.0	1034.954	1038.414	1038.760	1038.760	1046.373
15.5	1031.148	1034.262	1035.300	1035.300	1042.220
16.0	1026.995	1030.456	1031.494	1031.494	1038.760
16.5	1023.535	1026.303	1027.341	1027.687	1034.954
17.0	1018.691	1021.805	1023.189	1023.535	1030.802
17.5	1014.539	1017.653	1019.037	1019.383	1026.649
18.0	1010.732	1013.500	1014.539	1015.577	1022.843
18.5	1006.234	1009.348	1010.386	1011.078	1018.345
19.0	1001.736	1004.158	1005.888	1006.580	1013.500
19.5	996.545	1000.006	1001.390	1002.774	1009.002
20.0	991.009	994.815	996.545	997.583	1004.158
20.5	985.473	990.317	991.701	993.085	999.660
21.0	980.974	984.781	985.819	988.587	994.815
21.5	975.784	979.590	981.320	982.704	989.625
22.0	970.248	974.746	976.476	977.860	985.127
22.5	965.403	968.518	970.940	973.016	979.936
23.0	959.521	962.981	965.403	967.479	974.400
23.5	953.293	957.099	960.213	962.289	969.210
24.0	947.064	951.216	954.331	956.753	963.673
24.5	941.874	945.334	948.794	950.870	957.445
25.0	935.991	939.452	943.258	945.334	951.908
25.5	929.417	933.569	936.683	939.798	945.334
26.0	923.189	926.995	931.147	933.915	940.144
26.5	916.614	920.420	925.265	927.687	934.261

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27.0	910.040	913.500	919.382	922.497	928.379
27.5	902.427	906.925	912.808	915.576	922.497
28.0	896.891	900.351	906.233	909.348	915.922
28.5	889.624	893.777	899.659	902.773	909.348
29.0	882.704	886.856	892.739	896.545	903.119
29.5	875.437	879.590	885.818	889.624	896.199
30.0	868.171	872.669	878.898	883.742	890.316
30.5	860.558	865.057	872.323	877.168	883.396
31.0	853.292	857.790	865.057	870.247	876.129
31.5	845.679	850.870	858.136	863.673	869.901
32.0	838.413	842.911	851.216	856.406	862.635
32.5	830.454	835.299	843.949	849.486	855.714
33.0	822.842	828.032	835.991	842.565	848.794
33.5	815.575	820.420	829.070	834.953	841.527
34.0	806.925	812.461	821.458	828.032	834.953
34.5	798.966	804.849	814.191	820.420	827.340
35.0	791.700	796.544	806.925	813.499	820.074
35.5	782.357	788.932	798.966	805.887	812.461
36.0	775.091	780.627	791.354	798.274	805.195
36.5	766.094	772.323	783.395	791.008	798.274
37.0	757.790	764.364	775.437	783.049	791.008
37.5	749.139	755.714	767.824	776.129	783.049
38.0	740.489	747.409	759.520	768.170	774.745
38.5	731.492	738.758	751.561	760.904	767.132
39.0	723.533	730.108	743.257	752.945	760.904
39.5	714.537	722.149	735.298	744.987	752.599
40.0	704.848	713.153	726.994	737.720	744.641
40.5	695.852	704.502	719.035	730.108	737.028
41.0	687.547	695.852	710.731	722.149	729.070
41.5	678.551	687.201	702.426	714.191	721.457
42.0	669.554	678.551	694.122	706.578	713.845
42.5	660.903	669.554	685.471	698.620	705.886
43.0	651.215	660.903	677.512	691.007	698.274
43.5	642.910	651.907	668.862	683.049	690.661
44.0	633.568	642.910	660.211	675.436	682.703
44.5	624.917	634.260	651.561	667.132	674.744
45.0	615.920	625.263	643.256	659.865	667.478
45.5	606.924	616.612	634.952	652.253	659.865
46.0	597.927	607.616	625.955	643.948	651.907
46.5	588.931	598.619	618.343	637.028	644.294
47.0	579.588	589.969	609.692	628.723	636.682
47.5	570.591	580.972	601.041	620.765	628.723
48.0	561.941	571.976	592.391	613.498	620.765
48.5	552.252	563.325	584.432	605.194	613.152
49.0	543.602	553.982	575.436	597.235	605.194
49.5	534.605	545.332	567.131	589.623	597.581
50.0	525.262	536.335	558.827	581.318	589.623
50.5	516.612	527.685	550.176	574.398	582.356
51.0	507.615	518.688	542.564	566.439	574.744
51.5	498.965	509.691	533.913	558.827	567.131
52.0	489.622	501.041	525.608	550.868	559.519
52.5	480.626	492.044	517.650	542.910	552.252
53.0	471.283	483.394	509.345	535.989	544.294
53.5	462.286	474.743	501.387	528.031	537.027
54.0	453.636	466.093	493.428	520.418	529.761
54.5	445.331	457.096	485.470	513.498	522.494

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55.0	436.681	448.791	477.511	505.539	515.920
55.5	429.414	440.141	469.553	498.273	507.961
56.0	421.110	432.528	461.940	491.006	500.695
56.5	412.459	424.570	453.982	483.740	493.774
57.0	404.155	416.611	446.369	476.473	486.508
57.5	395.504	408.307	439.795	469.553	478.549
58.0	386.853	400.002	432.182	461.940	472.667
58.5	378.549	391.698	424.570	455.366	465.747
59.0	370.244	383.393	417.303	449.483	458.480
59.5	361.940	375.435	410.729	442.217	452.944
60.0	353.635	367.130	403.462	435.297	446.023
60.5	345.504	359.172	396.196	428.722	439.103
61.0	337.338	351.213	388.930	422.148	432.528
61.5	329.241	343.324	381.663	415.573	426.300
62.0	321.282	335.504	374.743	409.345	419.726
62.5	313.427	327.753	367.476	403.116	413.497
63.0	305.469	320.036	360.556	396.542	407.961
63.5	297.580	312.424	353.981	390.314	401.732
64.0	289.898	304.915	347.061	383.739	395.504
64.5	282.251	297.580	340.486	377.511	389.276
65.0	274.673	290.209	333.877	371.282	383.393
65.5	267.199	283.012	327.337	365.054	377.165
66.0	259.621	275.815	320.867	358.826	371.282
66.5	252.216	268.790	314.431	352.943	365.400
67.0	244.984	261.835	308.029	346.715	359.518
67.5	237.718	254.984	301.766	340.902	353.635
68.0	230.555	248.306	295.538	335.019	348.099
68.5	223.496	241.662	289.448	329.310	342.320
69.0	216.472	235.088	283.427	323.566	336.853
69.5	209.551	228.652	277.476	317.995	331.421
70.0	202.665	222.320	271.628	312.528	326.023
70.5	195.953	216.057	265.780	307.061	320.694
71.0	189.309	209.863	260.036	301.663	315.434
71.5	182.735	203.807	254.430	296.403	310.244
72.0	176.299	197.717	248.825	291.178	305.192
72.5	169.828	191.835	243.358	286.057	300.175
73.0	163.530	185.987	237.925	281.005	295.123
73.5	157.406	180.209	232.666	275.988	290.209
74.0	151.350	174.603	227.337	271.143	285.261
74.5	145.399	168.963	222.250	266.334	280.590
75.0	139.482	163.461	217.198	261.628	276.057
75.5	133.669	158.098	212.216	256.956	271.455
76.0	128.028	152.838	207.371	252.320	266.957
76.5	122.423	147.648	202.562	247.787	262.458
77.0	116.886	142.492	197.821	243.289	258.098
77.5	111.454	137.475	193.150	238.929	253.773
78.0	106.091	132.561	188.617	234.638	249.517
78.5	100.831	127.717	184.119	230.313	245.295
79.0	95.675	123.011	179.759	226.126	241.143
79.5	90.554	118.340	175.468	222.043	236.991
80.0	85.502	113.738	171.177	217.994	233.046
80.5	80.589	109.274	167.025	213.911	229.032
81.0	75.814	104.879	163.046	209.967	225.122
81.5	70.969	100.589	159.067	206.057	221.212
82.0	66.298	96.402	155.191	202.285	217.441
82.5	61.730	92.284	151.385	198.513	213.738

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83.0	57.232	88.270	147.648	194.880	210.140
83.5	52.768	84.360	144.084	191.178	206.403
84.0	48.409	80.554	140.624	187.683	202.839
84.5	44.083	76.886	137.233	184.222	199.344
85.0	39.931	73.322	133.911	180.797	195.849
85.5	35.779	69.931	130.658	177.475	192.458
86.0	31.696	66.679	127.475	174.222	189.101
86.5	27.647	63.634	124.464	170.970	185.745
87.0	23.668	60.692	121.419	167.890	182.458
87.5	19.689	57.959	118.547	164.776	179.309
88.0	15.744	55.294	115.710	161.766	176.126
88.5	11.765	52.803	112.976	158.790	173.046
89.0	8.132	50.450	110.381	155.918	170.001
89.5	5.156	48.270	107.855	153.150	167.025
90.0	3.080	46.332	105.537	150.520	164.292
90.5	2.180	44.637	103.392	147.890	161.385
91.0	2.318	43.080	101.212	145.226	158.617
91.5	2.768	41.592	99.032	142.700	155.849
92.0	3.287	40.346	96.956	140.139	153.150
92.5	3.841	39.274	95.191	137.682	150.485
93.0	4.394	38.339	93.357	135.364	147.925
93.5	4.983	37.613	91.627	133.080	145.503
94.0	5.606	36.990	90.001	130.935	143.150
94.5	6.194	36.540	88.478	128.755	140.727
95.0	6.782	36.194	87.059	126.610	138.409
95.5	7.336	35.952	85.744	124.568	136.125
96.0	7.786	35.848	84.603	122.596	133.876
96.5	8.235	35.848	83.461	120.762	131.800
97.0	8.651	35.883	82.423	118.997	129.724
97.5	9.100	36.021	81.454	117.302	127.821
98.0	9.481	36.159	80.589	115.641	125.883
98.5	9.931	36.332	79.862	114.049	124.084
99.0	10.381	36.540	79.101	112.561	122.319
99.5	10.865	36.782	78.443	111.142	120.589
100.0	11.280	37.024	77.924	109.828	119.032
100.5	11.765	37.301	77.405	108.547	117.440
101.0	12.180	37.578	77.025	107.336	116.021
101.5	12.595	37.855	76.644	106.194	114.568
102.0	12.976	38.132	76.367	105.122	113.288
102.5	13.356	38.409	76.090	104.118	112.008
103.0	13.737	38.720	75.883	103.115	110.866
103.5	14.152	39.031	75.710	102.250	109.689
104.0	14.602	39.308	75.537	101.454	108.617
104.5	15.052	39.620	75.433	100.693	107.613
105.0	15.467	39.931	75.329	100.001	106.644
105.5	15.848	40.208	75.225	99.274	105.814
106.0	16.298	40.554	75.191	98.651	104.983
106.5	16.713	40.865	75.191	98.063	104.153
107.0	17.128	41.211	75.191	97.509	103.461
107.5	17.509	41.488	75.191	97.094	102.734
108.0	17.993	41.834	75.191	96.610	102.007
108.5	18.443	42.180	75.225	96.264	101.523
109.0	18.893	42.457	75.295	95.814	101.039
109.5	19.377	42.768	75.329	95.502	100.520
110.0	19.862	43.080	75.398	95.156	100.104
110.5	20.346	43.391	75.468	94.845	99.724

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111.0	20.831	43.703	75.502	94.568	99.309
111.5	21.315	43.979	75.537	94.360	98.962
112.0	21.834	44.291	75.606	94.153	98.547
112.5	22.353	44.602	75.675	93.911	98.167
113.0	22.907	44.914	75.779	93.738	97.994
113.5	23.426	45.191	75.779	93.565	97.751
114.0	23.979	45.467	75.848	93.426	97.509
114.5	24.498	45.779	75.917	93.253	97.302
115.0	25.052	46.021	75.987	93.149	97.129
115.5	25.606	46.332	75.987	93.046	96.956
116.0	26.125	46.609	76.090	92.907	96.748
116.5	26.609	46.886	76.160	92.769	96.679
117.0	27.163	47.197	76.229	92.769	96.506
117.5	27.682	47.440	76.298	92.630	96.402
118.0	28.132	47.682	76.367	92.561	96.264
118.5	28.651	47.924	76.402	92.457	96.229
119.0	29.101	48.166	76.471	92.353	96.021
119.5	29.585	48.339	76.540	92.250	95.987
120.0	30.035	48.512	76.506	92.180	95.814
120.5	30.485	48.720	76.540	92.042	95.779
121.0	30.934	48.858	76.609	91.938	95.641
121.5	31.419	49.031	76.575	91.800	95.571
122.0	31.869	49.239	76.575	91.731	95.468
122.5	32.319	49.447	76.609	91.592	95.225
123.0	32.768	49.654	76.575	91.454	95.191
123.5	33.184	49.827	76.506	91.350	94.983
124.0	33.530	49.966	76.506	91.246	94.949
124.5	33.876	50.104	76.506	91.073	94.810
125.0	34.222	50.277	76.436	90.900	94.672
125.5	34.568	50.381	76.367	90.796	94.499
126.0	34.879	50.519	76.333	90.589	94.360
126.5	35.156	50.692	76.263	90.450	94.257
127.0	35.467	50.762	76.194	90.277	94.118
127.5	35.710	50.865	76.090	90.104	93.876
128.0	36.021	50.865	76.056	89.897	93.738
128.5	36.263	50.935	75.917	89.724	93.599
129.0	36.505	51.004	75.779	89.551	93.426
129.5	36.713	51.108	75.537	89.274	93.219
130.0	36.886	51.177	75.295	89.101	93.011
130.5	37.059	51.246	75.018	88.893	92.769
131.0	37.163	51.350	74.741	88.582	92.526
131.5	37.301	51.454	74.464	88.305	92.284
132.0	37.440	51.557	74.153	88.132	92.077
132.5	37.509	51.592	73.807	87.786	91.765
133.0	37.613	51.627	73.668	87.475	91.385
133.5	37.647	51.592	73.461	87.232	91.212
134.0	37.682	51.523	73.322	86.956	90.969
134.5	37.786	51.384	73.149	86.644	90.520
135.0	37.889	51.281	72.942	86.229	90.174
135.5	37.855	51.004	72.769	85.952	89.897
136.0	37.924	50.969	72.526	85.606	89.551
136.5	37.993	50.865	72.353	85.225	89.205
137.0	38.028	50.692	72.077	84.914	88.824
137.5	38.062	50.519	71.834	84.499	88.478
138.0	38.132	50.416	71.488	84.153	88.063
138.5	38.132	50.277	71.038	83.772	87.751

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CANDELA TABULATION - (Cont.)

139.0	38.097	50.173	70.519	83.322	87.267
139.5	38.097	50.035	69.897	82.838	86.921
140.0	38.097	49.862	69.205	82.388	86.436
140.5	38.097	49.758	68.582	81.834	85.917
141.0	38.097	49.689	67.890	81.246	85.502
141.5	38.097	49.550	67.198	80.727	85.087
142.0	38.062	49.481	66.540	80.070	84.637
142.5	38.028	49.377	65.848	79.481	84.118
143.0	37.993	49.274	65.191	78.928	83.599
143.5	37.993	49.135	64.429	78.340	83.115
144.0	37.993	48.962	63.772	77.890	82.561
144.5	38.097	48.824	63.115	77.371	82.077
145.0	38.236	48.685	62.388	76.921	81.523
145.5	38.478	48.512	61.730	76.471	80.969
146.0	38.789	48.374	61.108	75.987	80.450
146.5	39.101	48.236	60.589	75.468	79.862
147.0	39.412	48.063	60.000	74.949	79.274
147.5	39.689	47.993	59.551	74.429	78.686
148.0	40.000	47.855	59.066	73.841	78.063
148.5	40.277	47.820	58.685	73.288	77.440
149.0	40.623	47.820	58.270	72.734	76.886
149.5	40.865	47.924	57.890	72.146	76.194
150.0	41.142	47.993	57.509	71.592	75.468
150.5	41.384	48.028	57.094	70.969	74.706
151.0	41.557	48.132	56.540	70.346	73.807
151.5	41.730	48.166	55.952	69.689	72.976
152.0	41.938	48.236	55.398	68.997	72.146
152.5	42.146	48.305	54.879	68.270	71.246
153.0	42.284	48.339	54.326	67.440	70.519
153.5	42.457	48.443	53.737	66.575	69.689
154.0	42.595	48.409	53.218	65.606	68.997
154.5	42.768	48.443	52.768	64.672	68.305
155.0	42.838	48.512	52.319	63.599	67.786
155.5	42.976	48.547	51.869	62.596	67.232
156.0	43.080	48.547	51.557	61.523	66.748
156.5	43.253	48.547	51.246	60.450	66.125
157.0	43.322	48.616	50.935	59.481	65.537
157.5	43.426	48.616	50.727	58.547	64.879
158.0	43.564	48.582	50.623	57.578	64.256
158.5	43.599	48.582	50.485	56.782	63.530
159.0	43.772	48.478	50.381	56.021	62.907
159.5	43.910	48.409	50.208	55.294	62.215
160.0	44.083	48.339	50.035	54.706	61.523
160.5	44.291	48.305	49.896	54.153	60.865
161.0	44.429	48.201	49.862	53.564	60.208
161.5	44.637	48.166	49.793	52.976	59.724
162.0	44.810	48.097	49.896	52.492	59.308
162.5	44.983	48.097	49.966	51.973	58.824
163.0	45.191	48.063	50.000	51.419	58.409
163.5	45.364	48.063	50.069	50.831	57.890
164.0	45.433	48.063	50.139	50.104	57.405
164.5	45.537	47.993	50.069	49.550	56.782
165.0	45.640	47.993	49.966	48.997	56.159
165.5	45.744	47.959	49.862	48.616	55.502
166.0	45.848	47.924	49.793	48.201	54.499
166.5	45.952	47.924	49.689	47.855	54.014

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	46.090	47.924	49.585	47.544	53.634
167.5	46.159	47.924	49.377	47.267	53.253
168.0	46.263	47.924	49.204	46.990	52.941
168.5	46.471	47.786	48.962	46.748	52.561
169.0	46.575	47.820	48.789	46.505	52.180
169.5	46.748	47.717	48.512	46.229	51.765
170.0	46.817	47.682	48.270	45.883	51.384
170.5	46.921	47.613	47.959	45.502	50.969
171.0	46.990	47.544	47.613	45.087	50.450
171.5	47.094	47.544	47.301	44.706	50.035
172.0	47.267	47.474	47.128	44.326	49.412
172.5	47.371	47.474	46.921	43.910	48.720
173.0	47.509	47.405	46.748	43.530	47.544
173.5	47.682	47.440	46.678	43.149	45.779
174.0	47.820	47.440	46.644	42.838	43.599
174.5	47.924	47.440	46.575	42.526	41.004
175.0	48.132	47.544	46.540	42.284	38.062
175.5	48.201	47.578	46.505	42.180	34.983
176.0	48.339	47.647	46.505	42.076	32.976
176.5	48.374	47.682	46.471	42.076	31.557
177.0	48.512	47.751	46.402	41.973	30.104
177.5	48.547	47.751	46.298	41.938	29.793
178.0	48.685	47.820	46.263	41.903	29.862
178.5	48.755	47.855	46.298	41.834	29.931
179.0	48.824	47.855	46.263	41.730	29.966
179.5	48.893	47.855	46.229	41.696	30.000
180.0	43.841	43.841	43.841	43.841	43.841

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-930-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	396.15	N.A.	11.70
0-30	830.07	N.A.	24.50
0-40	1333.4	N.A.	39.40
0-60	2256.6	N.A.	66.70
0-80	2811.32	N.A.	83.10
0-90	2950.84	N.A.	87.30
10-90	2847.56	N.A.	84.20
20-40	937.25	N.A.	27.70
20-50	1432.9	N.A.	42.40
40-70	1252.06	N.A.	37.00
60-80	554.72	N.A.	16.40
70-80	225.86	N.A.	6.70
80-90	139.51	N.A.	4.10
90-110	162.95	N.A.	4.80
90-120	231.55	N.A.	6.80
90-130	294.69	N.A.	8.70
90-150	386.87	N.A.	11.40
90-180	430.94	N.A.	12.70
110-180	267.99	N.A.	7.90
0-180	3381.77	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	103.28
10-20	292.87
20-30	433.92
30-40	503.32
40-50	495.65
50-60	427.55
60-70	328.86
70-80	225.86
80-90	139.51
90-100	89.39
100-110	73.56
110-120	68.60
120-130	63.14
130-140	53.06
140-150	39.13
150-160	25.58
160-170	14.10
170-180	4.39

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L42-930-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-L42-930-DIM-UNV_.IES

UGR TABLE - CORRECTED

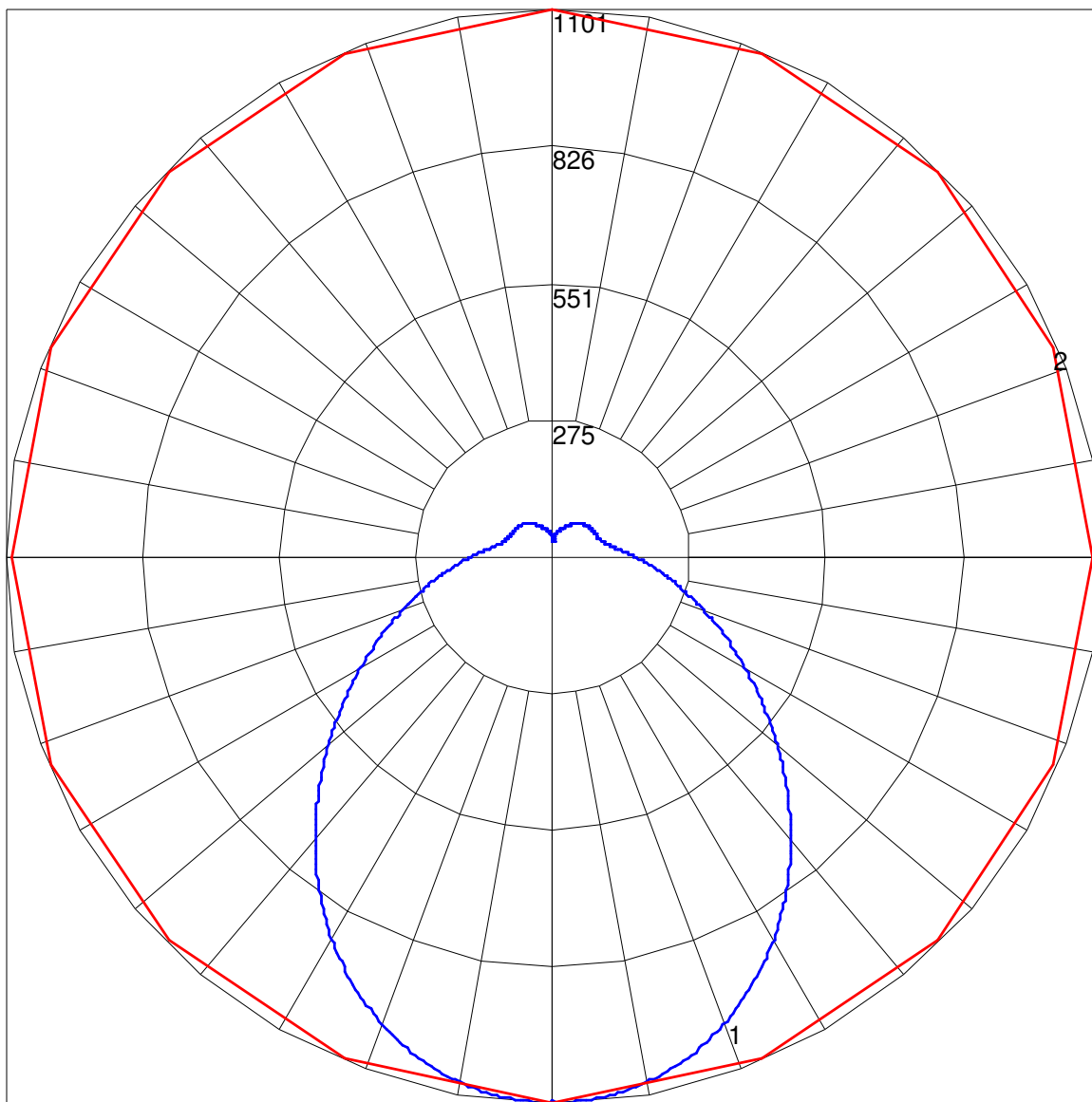
Reflectances

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	18.3	19.7	18.9	20.3	20.9	19.9	21.3	20.5	21.9	22.5
	3H	19.7	20.9	20.3	21.5	22.2	22.1	23.3	22.7	23.9	24.6
	4H	20.1	21.3	20.7	21.9	22.6	23.1	24.3	23.7	24.9	25.6
	6H	20.4	21.5	21.0	22.1	22.8	24.2	25.3	24.8	25.9	26.6
	8H	20.5	21.6	21.1	22.2	22.9	24.8	25.8	25.4	26.5	27.1
	12H	20.6	21.5	21.2	22.2	22.9	25.4	26.4	26.0	27.0	27.7
4H	2H	19.1	20.2	19.7	20.8	21.5	20.3	21.5	20.9	22.1	22.8
	3H	20.7	21.7	21.3	22.3	23.0	22.7	23.7	23.4	24.4	25.1
	4H	21.2	22.1	21.9	22.8	23.5	24.0	24.9	24.6	25.5	26.2
	6H	21.6	22.4	22.3	23.1	23.8	25.3	26.0	25.9	26.7	27.4
	8H	21.8	22.5	22.4	23.2	23.9	25.9	26.7	26.6	27.3	28.1
	12H	21.8	22.5	22.5	23.2	23.9	26.7	27.3	27.3	28.0	28.8
8H	4H	21.8	22.5	22.4	23.2	23.9	24.2	24.9	24.8	25.6	26.3
	6H	22.4	23.0	23.0	23.7	24.4	25.6	26.3	26.3	27.0	27.7
	8H	22.6	23.1	23.3	23.8	24.6	26.4	27.0	27.1	27.7	28.5
	12H	22.7	23.2	23.4	23.9	24.7	27.4	27.9	28.1	28.6	29.4
12H	4H	21.9	22.6	22.6	23.3	24.0	24.2	24.8	24.8	25.5	26.3
	6H	22.6	23.2	23.3	23.9	24.7	25.7	26.2	26.4	26.9	27.7
	8H	22.9	23.4	23.6	24.1	24.9	26.6	27.1	27.3	27.7	28.6

Maximum UGR = 29.4

POLAR GRAPH



Maximum Candela = 1101.044 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.)