

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-927-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-L42-927-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	3299
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
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	14016	12659	12697
55	12032	10791	11146
65	9974	9186	9934
75	7772	7946	9285
85	5112	7656	9810

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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	1067.775	1067.775	1067.775	1067.775	1067.775
0.5	1062.712	1066.763	1067.438	1067.100	1074.189
1.0	1062.712	1067.100	1067.100	1066.763	1073.852
1.5	1061.699	1067.100	1066.763	1066.425	1074.189
2.0	1061.361	1066.087	1066.763	1066.087	1073.177
2.5	1061.361	1066.087	1065.750	1065.750	1072.501
3.0	1060.349	1065.075	1065.075	1065.075	1071.826
3.5	1059.673	1064.062	1064.062	1064.399	1071.151
4.0	1058.998	1063.387	1063.387	1063.049	1070.476
4.5	1057.310	1062.374	1062.712	1062.374	1069.463
5.0	1056.298	1061.361	1061.361	1061.361	1068.450
5.5	1054.947	1060.011	1060.011	1060.349	1067.100
6.0	1054.272	1058.323	1058.661	1058.661	1065.750
6.5	1051.909	1056.973	1057.310	1057.310	1064.062
7.0	1050.559	1055.285	1055.622	1055.285	1062.712
7.5	1049.208	1053.259	1053.934	1053.934	1061.024
8.0	1047.520	1051.909	1051.909	1051.909	1058.661
8.5	1045.832	1049.546	1050.221	1050.221	1056.635
9.0	1043.132	1047.858	1048.196	1047.858	1054.272
9.5	1041.444	1045.495	1045.495	1045.495	1052.922
10.0	1038.743	1042.794	1042.794	1043.469	1050.221
10.5	1036.380	1040.431	1040.769	1040.769	1047.858
11.0	1034.017	1038.068	1038.406	1038.068	1045.157
11.5	1030.979	1035.367	1036.043	1035.367	1042.794
12.0	1028.278	1032.329	1033.004	1033.004	1039.756
12.5	1025.577	1029.291	1030.304	1029.628	1037.055
13.0	1022.539	1026.590	1027.265	1026.928	1034.017
13.5	1019.501	1023.214	1023.890	1023.890	1031.316
14.0	1015.788	1019.839	1020.514	1020.514	1027.603
14.5	1012.749	1016.463	1017.138	1017.138	1024.902
15.0	1009.711	1013.087	1013.424	1013.424	1020.851
15.5	1005.998	1009.036	1010.049	1010.049	1016.800
16.0	1001.947	1005.322	1006.335	1006.335	1013.424
16.5	998.571	1001.271	1002.284	1002.622	1009.711
17.0	993.845	996.883	998.233	998.571	1005.660
17.5	989.794	992.832	994.182	994.520	1001.609
18.0	986.080	988.781	989.794	990.806	997.896
18.5	981.692	984.730	985.743	986.418	993.507
19.0	977.303	979.666	981.354	982.029	988.781
19.5	972.239	975.615	976.965	978.316	984.392
20.0	966.838	970.551	972.239	973.252	979.666
20.5	961.437	966.163	967.513	968.863	975.278
21.0	957.048	960.761	961.774	964.475	970.551
21.5	951.984	955.698	957.386	958.736	965.488
22.0	946.583	950.972	952.659	954.010	961.099
22.5	941.857	944.895	947.258	949.284	956.035
23.0	936.118	939.494	941.857	943.882	950.634
23.5	930.041	933.755	936.793	938.819	945.570
24.0	923.965	928.016	931.054	933.417	940.169
24.5	918.901	922.277	925.653	927.678	934.092
25.0	913.162	916.538	920.252	922.277	928.691
25.5	906.748	910.799	913.837	916.876	922.277
26.0	900.672	904.385	908.436	911.137	917.213
26.5	894.258	897.971	902.697	905.060	911.474

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**CANDELA TABULATION - (Cont.)**

27.0	887.844	891.219	896.958	899.997	905.735
27.5	880.417	884.805	890.544	893.245	899.997
28.0	875.015	878.391	884.130	887.168	893.582
28.5	867.926	871.977	877.716	880.754	887.168
29.0	861.174	865.225	870.964	874.678	881.092
29.5	854.085	858.136	864.213	867.926	874.340
30.0	846.996	851.385	857.461	862.187	868.601
30.5	839.569	843.958	851.047	855.773	861.850
31.0	832.480	836.868	843.958	849.021	854.760
31.5	825.053	830.117	837.206	842.607	848.684
32.0	817.964	822.352	830.454	835.518	841.595
32.5	810.199	814.926	823.365	828.766	834.843
33.0	802.773	807.836	815.601	822.015	828.091
33.5	795.683	800.410	808.849	814.588	821.002
34.0	787.244	792.645	801.422	807.836	814.588
34.5	779.479	785.218	794.333	800.410	807.161
35.0	772.390	777.116	787.244	793.658	800.072
35.5	763.275	769.689	779.479	786.231	792.645
36.0	756.186	761.587	772.053	778.804	785.556
36.5	747.409	753.485	764.288	771.715	778.804
37.0	739.307	745.721	756.524	763.951	771.715
37.5	730.867	737.281	749.097	757.199	763.951
38.0	722.428	729.179	740.995	749.434	755.849
38.5	713.651	720.740	733.230	742.345	748.422
39.0	705.886	712.300	725.128	734.581	742.345
39.5	697.109	704.536	717.364	726.816	734.243
40.0	687.657	695.759	709.262	719.727	726.479
40.5	678.880	687.319	701.498	712.300	719.052
41.0	670.778	678.880	693.396	704.536	711.288
41.5	662.000	670.440	685.294	696.772	703.861
42.0	653.223	662.000	677.192	689.345	696.434
42.5	644.784	653.223	668.752	681.580	688.670
43.0	635.331	644.784	660.988	674.153	681.243
43.5	627.229	636.007	652.548	666.389	673.816
44.0	618.115	627.229	644.109	658.962	666.051
44.5	609.675	618.790	635.669	650.860	658.287
45.0	600.898	610.013	627.567	643.771	651.198
45.5	592.121	601.573	619.465	636.344	643.771
46.0	583.344	592.796	610.688	628.242	636.007
46.5	574.566	584.019	603.261	621.490	628.580
47.0	565.452	575.579	594.821	613.388	621.153
47.5	556.675	566.802	586.382	605.624	613.388
48.0	548.235	558.025	577.942	598.535	605.624
48.5	538.783	549.585	570.178	590.433	598.197
49.0	530.343	540.471	561.401	582.668	590.433
49.5	521.566	532.031	553.299	575.242	583.006
50.0	512.451	523.254	545.197	567.140	575.242
50.5	504.012	514.814	536.757	560.388	568.152
51.0	495.234	506.037	529.330	552.624	560.726
51.5	486.795	497.260	520.891	545.197	553.299
52.0	477.680	488.820	512.789	537.432	545.872
52.5	468.903	480.043	505.024	529.668	538.783
53.0	459.788	471.604	496.922	522.916	531.018
53.5	451.011	463.164	489.158	515.152	523.929
54.0	442.571	454.724	481.393	507.725	516.840
54.5	434.469	445.947	473.629	500.973	509.750

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**CANDELA TABULATION - (Cont.)**

55.0	426.030	437.845	465.865	493.209	503.336
55.5	418.941	429.406	458.100	486.120	495.572
56.0	410.839	421.979	450.673	479.030	488.483
56.5	402.399	414.214	442.909	471.941	481.731
57.0	394.297	406.450	435.482	464.852	474.642
57.5	385.857	398.348	429.068	458.100	466.877
58.0	377.418	390.246	421.641	450.673	461.139
58.5	369.316	382.144	414.214	444.259	454.387
59.0	361.214	374.042	407.125	438.520	447.298
59.5	353.112	366.278	400.711	431.431	441.896
60.0	345.010	358.176	393.622	424.680	435.145
60.5	337.077	350.411	386.533	418.265	428.393
61.0	329.110	342.647	379.443	411.851	421.979
61.5	321.210	334.950	372.354	405.437	415.902
62.0	313.446	327.321	365.602	399.361	409.488
62.5	305.783	319.759	358.513	393.284	403.412
63.0	298.018	312.231	351.762	386.870	398.010
63.5	290.321	304.804	345.348	380.794	391.934
64.0	282.827	297.478	338.596	374.380	385.857
64.5	275.367	290.321	332.182	368.303	379.781
65.0	267.973	283.131	325.734	362.227	374.042
65.5	260.682	276.109	319.354	356.150	367.966
66.0	253.289	269.087	313.041	350.074	362.227
66.5	246.064	262.235	306.762	344.335	356.488
67.0	239.009	255.449	300.516	338.258	350.749
67.5	231.920	248.765	294.406	332.587	345.010
68.0	224.932	242.250	288.330	326.848	339.609
68.5	218.045	235.768	282.388	321.278	333.971
69.0	211.192	229.354	276.514	315.674	328.637
69.5	204.440	223.075	270.708	310.239	323.337
70.0	197.722	216.897	265.003	304.905	318.071
70.5	191.173	210.787	259.298	299.571	312.872
71.0	184.692	204.744	253.694	294.305	307.741
71.5	178.278	198.836	248.225	289.174	302.677
72.0	171.999	192.895	242.756	284.076	297.748
72.5	165.686	187.156	237.422	279.080	292.853
73.0	159.542	181.451	232.122	274.151	287.925
73.5	153.567	175.813	226.991	269.256	283.131
74.0	147.659	170.344	221.792	264.530	278.304
74.5	141.852	164.842	216.830	259.838	273.746
75.0	136.080	159.474	211.901	255.247	269.324
75.5	130.408	154.242	207.040	250.689	264.834
76.0	124.906	149.110	202.314	246.166	260.445
76.5	119.437	144.047	197.621	241.743	256.057
77.0	114.036	139.017	192.996	237.355	251.803
77.5	108.736	134.122	188.439	233.101	247.583
78.0	103.503	129.328	184.017	228.915	243.431
78.5	98.372	124.602	179.628	224.695	239.313
79.0	93.342	120.011	175.374	220.611	235.262
79.5	88.345	115.453	171.188	216.627	231.211
80.0	83.417	110.964	167.002	212.677	227.362
80.5	78.623	106.609	162.951	208.694	223.446
81.0	73.964	102.321	159.069	204.845	219.632
81.5	69.238	98.135	155.187	201.031	215.817
82.0	64.681	94.051	151.406	197.351	212.137
82.5	60.225	90.033	147.693	193.671	208.525

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**CANDELA TABULATION - (Cont.)**

83.0	55.836	86.117	144.047	190.127	205.014
83.5	51.481	82.303	140.570	186.515	201.368
84.0	47.228	78.589	137.194	183.105	197.891
84.5	43.008	75.011	133.885	179.729	194.482
85.0	38.957	71.534	130.645	176.387	191.072
85.5	34.906	68.226	127.471	173.146	187.764
86.0	30.923	65.052	124.366	169.973	184.489
86.5	26.973	62.082	121.429	166.800	181.215
87.0	23.091	59.212	118.458	163.795	178.008
87.5	19.208	56.545	115.656	160.757	174.936
88.0	15.360	53.946	112.888	157.820	171.830
88.5	11.478	51.515	110.221	154.917	168.825
89.0	7.933	49.220	107.689	152.115	165.855
89.5	5.030	47.093	105.225	149.414	162.951
90.0	3.004	45.202	102.963	146.849	160.284
90.5	2.127	43.548	100.870	144.283	157.449
91.0	2.262	42.029	98.743	141.684	154.748
91.5	2.701	40.577	96.616	139.219	152.047
92.0	3.207	39.362	94.591	136.721	149.414
92.5	3.747	38.316	92.869	134.324	146.815
93.0	4.287	37.404	91.080	132.063	144.317
93.5	4.861	36.695	89.392	129.834	141.954
94.0	5.469	36.088	87.805	127.741	139.658
94.5	6.043	35.649	86.320	125.615	137.295
95.0	6.617	35.311	84.936	123.522	135.033
95.5	7.157	35.075	83.653	121.530	132.805
96.0	7.596	34.974	82.539	119.606	130.611
96.5	8.034	34.974	81.425	117.817	128.585
97.0	8.440	35.007	80.412	116.095	126.560
97.5	8.878	35.142	79.467	114.441	124.703
98.0	9.250	35.277	78.623	112.820	122.813
98.5	9.689	35.446	77.914	111.267	121.057
99.0	10.127	35.649	77.171	109.816	119.336
99.5	10.600	35.885	76.530	108.432	117.648
100.0	11.005	36.121	76.024	107.149	116.129
100.5	11.478	36.391	75.517	105.900	114.576
101.0	11.883	36.662	75.146	104.718	113.192
101.5	12.288	36.932	74.775	103.604	111.774
102.0	12.659	37.202	74.505	102.558	110.525
102.5	13.031	37.472	74.235	101.579	109.276
103.0	13.402	37.776	74.032	100.600	108.162
103.5	13.807	38.079	73.863	99.756	107.014
104.0	14.246	38.349	73.694	98.979	105.967
104.5	14.685	38.653	73.593	98.237	104.988
105.0	15.090	38.957	73.492	97.562	104.043
105.5	15.461	39.227	73.391	96.853	103.233
106.0	15.900	39.565	73.357	96.245	102.423
106.5	16.305	39.869	73.357	95.671	101.613
107.0	16.710	40.206	73.357	95.131	100.937
107.5	17.082	40.476	73.357	94.726	100.228
108.0	17.554	40.814	73.357	94.253	99.519
108.5	17.993	41.151	73.391	93.916	99.047
109.0	18.432	41.421	73.458	93.477	98.574
109.5	18.905	41.725	73.492	93.173	98.068
110.0	19.377	42.029	73.559	92.835	97.663
110.5	19.850	42.333	73.627	92.532	97.291

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**CANDELA TABULATION - (Cont.)**

111.0	20.323	42.637	73.661	92.261	96.886
111.5	20.795	42.907	73.694	92.059	96.549
112.0	21.301	43.211	73.762	91.856	96.144
112.5	21.808	43.514	73.829	91.620	95.772
113.0	22.348	43.818	73.931	91.451	95.604
113.5	22.854	44.088	73.931	91.282	95.367
114.0	23.395	44.358	73.998	91.147	95.131
114.5	23.901	44.662	74.066	90.979	94.928
115.0	24.441	44.899	74.133	90.877	94.760
115.5	24.981	45.202	74.133	90.776	94.591
116.0	25.488	45.472	74.235	90.641	94.388
116.5	25.960	45.743	74.302	90.506	94.321
117.0	26.500	46.046	74.370	90.506	94.152
117.5	27.007	46.283	74.437	90.371	94.051
118.0	27.446	46.519	74.505	90.303	93.916
118.5	27.952	46.755	74.538	90.202	93.882
119.0	28.391	46.992	74.606	90.101	93.679
119.5	28.863	47.160	74.673	90.000	93.646
120.0	29.302	47.329	74.640	89.932	93.477
120.5	29.741	47.532	74.673	89.797	93.443
121.0	30.180	47.667	74.741	89.696	93.308
121.5	30.653	47.836	74.707	89.561	93.240
122.0	31.091	48.038	74.707	89.493	93.139
122.5	31.530	48.241	74.741	89.358	92.903
123.0	31.969	48.443	74.707	89.223	92.869
123.5	32.374	48.612	74.640	89.122	92.667
124.0	32.712	48.747	74.640	89.021	92.633
124.5	33.049	48.882	74.640	88.852	92.498
125.0	33.387	49.051	74.572	88.683	92.363
125.5	33.725	49.152	74.505	88.582	92.194
126.0	34.028	49.287	74.471	88.379	92.059
126.5	34.298	49.456	74.403	88.244	91.958
127.0	34.602	49.523	74.336	88.075	91.823
127.5	34.839	49.625	74.235	87.907	91.586
128.0	35.142	49.625	74.201	87.704	91.451
128.5	35.379	49.692	74.066	87.535	91.316
129.0	35.615	49.760	73.931	87.367	91.147
129.5	35.818	49.861	73.694	87.096	90.945
130.0	35.986	49.929	73.458	86.928	90.742
130.5	36.155	49.996	73.188	86.725	90.506
131.0	36.256	50.097	72.918	86.421	90.270
131.5	36.391	50.199	72.648	86.151	90.033
132.0	36.526	50.300	72.344	85.982	89.831
132.5	36.594	50.334	72.006	85.645	89.527
133.0	36.695	50.367	71.871	85.341	89.156
133.5	36.729	50.334	71.669	85.105	88.987
134.0	36.763	50.266	71.534	84.835	88.751
134.5	36.864	50.131	71.365	84.531	88.312
135.0	36.965	50.030	71.163	84.126	87.974
135.5	36.932	49.760	70.994	83.856	87.704
136.0	36.999	49.726	70.757	83.518	87.367
136.5	37.067	49.625	70.589	83.147	87.029
137.0	37.100	49.456	70.319	82.843	86.658
137.5	37.134	49.287	70.082	82.438	86.320
138.0	37.202	49.186	69.745	82.100	85.915
138.5	37.202	49.051	69.306	81.729	85.611

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-927-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	37.168	48.950	68.799	81.290	85.138
139.5	37.168	48.815	68.192	80.817	84.801
140.0	37.168	48.646	67.517	80.379	84.328
140.5	37.168	48.544	66.909	79.838	83.822
141.0	37.168	48.477	66.234	79.265	83.417
141.5	37.168	48.342	65.559	78.758	83.012
142.0	37.134	48.274	64.917	78.117	82.573
142.5	37.100	48.173	64.242	77.543	82.066
143.0	37.067	48.072	63.601	77.003	81.560
143.5	37.067	47.937	62.858	76.429	81.087
144.0	37.067	47.768	62.217	75.990	80.547
144.5	37.168	47.633	61.575	75.484	80.075
145.0	37.303	47.498	60.866	75.045	79.535
145.5	37.539	47.329	60.225	74.606	78.994
146.0	37.843	47.194	59.617	74.133	78.488
146.5	38.147	47.059	59.111	73.627	77.914
147.0	38.451	46.890	58.537	73.120	77.340
147.5	38.721	46.823	58.098	72.614	76.766
148.0	39.025	46.688	57.625	72.040	76.159
148.5	39.295	46.654	57.254	71.500	75.551
149.0	39.632	46.654	56.849	70.960	75.011
149.5	39.869	46.755	56.478	70.386	74.336
150.0	40.139	46.823	56.106	69.846	73.627
150.5	40.375	46.857	55.701	69.238	72.884
151.0	40.544	46.958	55.161	68.631	72.006
151.5	40.713	46.992	54.587	67.989	71.196
152.0	40.915	47.059	54.047	67.314	70.386
152.5	41.118	47.127	53.541	66.605	69.508
153.0	41.253	47.160	53.001	65.795	68.799
153.5	41.421	47.262	52.427	64.951	67.989
154.0	41.556	47.228	51.920	64.006	67.314
154.5	41.725	47.262	51.481	63.094	66.639
155.0	41.793	47.329	51.043	62.048	66.133
155.5	41.928	47.363	50.604	61.069	65.592
156.0	42.029	47.363	50.300	60.022	65.120
156.5	42.198	47.363	49.996	58.976	64.512
157.0	42.265	47.430	49.692	58.031	63.938
157.5	42.367	47.430	49.490	57.119	63.297
158.0	42.502	47.397	49.388	56.174	62.689
158.5	42.535	47.397	49.253	55.397	61.980
159.0	42.704	47.295	49.152	54.655	61.373
159.5	42.839	47.228	48.983	53.946	60.697
160.0	43.008	47.160	48.815	53.372	60.022
160.5	43.211	47.127	48.679	52.832	59.381
161.0	43.346	47.025	48.646	52.258	58.739
161.5	43.548	46.992	48.578	51.684	58.267
162.0	43.717	46.924	48.679	51.211	57.862
162.5	43.886	46.924	48.747	50.705	57.389
163.0	44.088	46.890	48.781	50.165	56.984
163.5	44.257	46.890	48.848	49.591	56.478
164.0	44.325	46.890	48.916	48.882	56.005
164.5	44.426	46.823	48.848	48.342	55.397
165.0	44.527	46.823	48.747	47.802	54.790
165.5	44.628	46.789	48.646	47.430	54.148
166.0	44.730	46.755	48.578	47.025	53.169
166.5	44.831	46.755	48.477	46.688	52.697

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

<b>167.0</b>	44.966	46.755	48.376	46.384	52.325
<b>167.5</b>	45.034	46.755	48.173	46.114	51.954
<b>168.0</b>	45.135	46.755	48.004	45.844	51.650
<b>168.5</b>	45.337	46.620	47.768	45.607	51.279
<b>169.0</b>	45.439	46.654	47.599	45.371	50.908
<b>169.5</b>	45.607	46.553	47.329	45.101	50.502
<b>170.0</b>	45.675	46.519	47.093	44.764	50.131
<b>170.5</b>	45.776	46.451	46.789	44.392	49.726
<b>171.0</b>	45.844	46.384	46.451	43.987	49.220
<b>171.5</b>	45.945	46.384	46.148	43.616	48.815
<b>172.0</b>	46.114	46.316	45.979	43.244	48.207
<b>172.5</b>	46.215	46.316	45.776	42.839	47.532
<b>173.0</b>	46.350	46.249	45.607	42.468	46.384
<b>173.5</b>	46.519	46.283	45.540	42.097	44.662
<b>174.0</b>	46.654	46.283	45.506	41.793	42.535
<b>174.5</b>	46.755	46.283	45.439	41.489	40.004
<b>175.0</b>	46.958	46.384	45.405	41.253	37.134
<b>175.5</b>	47.025	46.418	45.371	41.151	34.130
<b>176.0</b>	47.160	46.485	45.371	41.050	32.172
<b>176.5</b>	47.194	46.519	45.337	41.050	30.788
<b>177.0</b>	47.329	46.586	45.270	40.949	29.370
<b>177.5</b>	47.363	46.586	45.169	40.915	29.066
<b>178.0</b>	47.498	46.654	45.135	40.881	29.133
<b>178.5</b>	47.565	46.688	45.169	40.814	29.201
<b>179.0</b>	47.633	46.688	45.135	40.713	29.235
<b>179.5</b>	47.700	46.688	45.101	40.679	29.268
<b>180.0</b>	42.772	42.772	42.772	42.772	42.772



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-927-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	386.49	N.A.	11.70
0-30	809.83	N.A.	24.50
0-40	1300.88	N.A.	39.40
0-60	2201.56	N.A.	66.70
0-80	2742.75	N.A.	83.10
0-90	2878.86	N.A.	87.30
10-90	2778.1	N.A.	84.20
20-40	914.39	N.A.	27.70
20-50	1397.95	N.A.	42.40
40-70	1221.53	N.A.	37.00
60-80	541.19	N.A.	16.40
70-80	220.35	N.A.	6.70
80-90	136.11	N.A.	4.10
90-110	158.98	N.A.	4.80
90-120	225.90	N.A.	6.80
90-130	287.50	N.A.	8.70
90-150	377.43	N.A.	11.40
90-180	420.43	N.A.	12.70
110-180	261.45	N.A.	7.90
0-180	3299.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	100.76
10-20	285.73
20-30	423.34
30-40	491.05
40-50	483.56
50-60	417.13
60-70	320.84
70-80	220.35
80-90	136.11
90-100	87.21
100-110	71.77
110-120	66.93
120-130	61.60
130-140	51.76
140-150	38.17
150-160	24.96
160-170	13.75
170-180	4.28

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-927-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	87	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-L42-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

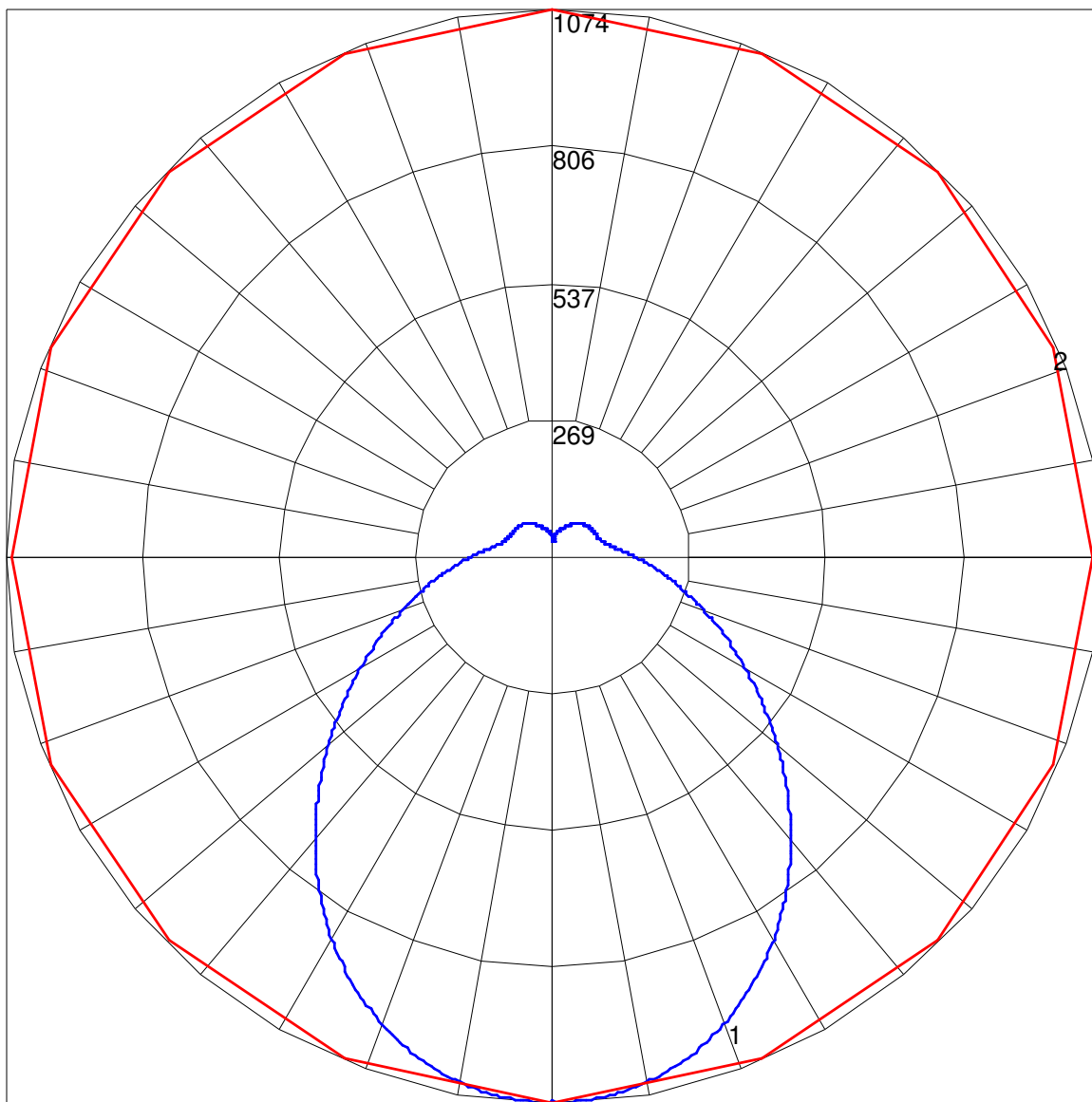
Reflectances

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	22.8	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 = 1074.189 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.)