

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L42-950-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-L42-950-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	3670
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
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	15593	14083	14125
55	13386	12005	12400
65	11096	10220	11051
75	8646	8840	10330
85	5687	8517	10914

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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	1187.900	1187.900	1187.900	1187.900	1187.900
0.5	1182.267	1186.773	1187.525	1187.149	1195.036
1.0	1182.267	1187.149	1187.149	1186.773	1194.660
1.5	1181.140	1187.149	1186.773	1186.398	1195.036
2.0	1180.764	1186.022	1186.773	1186.022	1193.909
2.5	1180.764	1186.022	1185.647	1185.647	1193.158
3.0	1179.638	1184.896	1184.896	1184.896	1192.407
3.5	1178.887	1183.769	1183.769	1184.144	1191.656
4.0	1178.136	1183.018	1183.018	1182.642	1190.905
4.5	1176.258	1181.891	1182.267	1181.891	1189.778
5.0	1175.131	1180.764	1180.764	1180.764	1188.651
5.5	1173.629	1179.262	1179.262	1179.638	1187.149
6.0	1172.878	1177.384	1177.760	1177.760	1185.647
6.5	1170.249	1175.882	1176.258	1176.258	1183.769
7.0	1168.746	1174.004	1174.380	1174.004	1182.267
7.5	1167.244	1171.751	1172.502	1172.502	1180.389
8.0	1165.366	1170.249	1170.249	1170.249	1177.760
8.5	1163.489	1167.620	1168.371	1168.371	1175.507
9.0	1160.484	1165.742	1166.118	1165.742	1172.878
9.5	1158.606	1163.113	1163.113	1163.113	1171.375
10.0	1155.602	1160.109	1160.109	1160.860	1168.371
10.5	1152.973	1157.480	1157.855	1157.855	1165.742
11.0	1150.344	1154.851	1155.226	1154.851	1162.737
11.5	1146.964	1151.846	1152.597	1151.846	1160.109
12.0	1143.959	1148.466	1149.217	1149.217	1156.729
12.5	1140.955	1145.086	1146.213	1145.462	1153.724
13.0	1137.575	1142.082	1142.833	1142.457	1150.344
13.5	1134.195	1138.326	1139.077	1139.077	1147.339
14.0	1130.064	1134.570	1135.322	1135.322	1143.208
14.5	1126.684	1130.815	1131.566	1131.566	1140.204
15.0	1123.304	1127.059	1127.435	1127.435	1135.697
15.5	1119.172	1122.552	1123.679	1123.679	1131.190
16.0	1114.666	1118.421	1119.548	1119.548	1127.435
16.5	1110.910	1113.915	1115.041	1115.417	1123.304
17.0	1105.652	1109.032	1110.534	1110.910	1118.797
17.5	1101.145	1104.526	1106.028	1106.403	1114.290
18.0	1097.014	1100.019	1101.145	1102.272	1110.159
18.5	1092.132	1095.512	1096.639	1097.390	1105.277
19.0	1087.250	1089.879	1091.756	1092.508	1100.019
19.5	1081.616	1085.372	1086.874	1088.376	1095.136
20.0	1075.607	1079.738	1081.616	1082.743	1089.879
20.5	1069.598	1074.856	1076.358	1077.861	1084.996
21.0	1064.716	1068.847	1069.974	1072.978	1079.738
21.5	1059.083	1063.214	1065.092	1066.594	1074.105
22.0	1053.074	1057.956	1059.834	1061.336	1069.223
22.5	1047.816	1051.196	1053.825	1056.078	1063.589
23.0	1041.431	1045.187	1047.816	1050.069	1057.580
23.5	1034.671	1038.802	1042.182	1044.436	1051.947
24.0	1027.911	1032.418	1035.798	1038.427	1045.938
24.5	1022.278	1026.033	1029.789	1032.042	1039.178
25.0	1015.893	1019.649	1023.780	1026.033	1033.169
25.5	1008.757	1013.264	1016.644	1020.024	1026.033
26.0	1001.997	1006.128	1010.635	1013.640	1020.400
26.5	994.862	998.993	1004.251	1006.880	1014.015

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**CANDELA TABULATION - (Cont.)**

27.0	987.726	991.482	997.866	1001.246	1007.631
27.5	979.464	984.346	990.730	993.735	1001.246
28.0	973.455	977.210	983.595	986.975	994.111
28.5	965.568	970.075	976.459	979.839	986.975
29.0	958.057	962.563	968.948	973.079	980.215
29.5	950.170	954.677	961.437	965.568	972.704
30.0	942.283	947.165	953.925	959.183	966.319
30.5	934.021	938.903	946.790	952.048	958.808
31.0	926.134	931.016	938.903	944.536	950.921
31.5	917.872	923.505	931.392	937.401	944.161
32.0	909.985	914.867	923.881	929.514	936.274
32.5	901.347	906.605	915.994	922.003	928.763
33.0	893.085	898.718	907.356	914.492	921.252
33.5	885.198	890.456	899.845	906.229	913.365
34.0	875.809	881.818	891.582	898.718	906.229
34.5	867.171	873.555	883.696	890.456	897.967
35.0	859.284	864.542	875.809	882.944	890.080
35.5	849.144	856.280	867.171	874.682	881.818
36.0	841.257	847.266	858.908	866.420	873.931
36.5	831.493	838.253	850.271	858.533	866.420
37.0	822.479	829.615	841.633	849.895	858.533
37.5	813.090	820.226	833.370	842.384	849.895
38.0	803.701	811.212	824.357	833.746	840.882
38.5	793.936	801.823	815.719	825.859	832.619
39.0	785.298	792.434	806.705	817.221	825.859
39.5	775.534	783.796	798.068	808.583	816.846
40.0	765.018	774.032	789.054	800.696	808.208
40.5	755.254	764.643	780.416	792.434	799.945
41.0	746.240	755.254	771.403	783.796	791.307
41.5	736.476	745.865	762.389	775.158	783.045
42.0	726.711	736.476	753.376	766.896	774.783
42.5	717.322	726.711	743.987	758.258	766.145
43.0	706.806	717.322	735.349	749.996	757.883
43.5	697.793	707.557	725.960	741.358	749.620
44.0	687.653	697.793	716.571	733.095	740.982
44.5	678.264	688.404	707.182	724.082	732.344
45.0	668.499	678.639	698.168	716.195	724.458
45.5	658.734	669.250	689.155	707.933	716.195
46.0	648.970	659.485	679.390	698.919	707.557
46.5	639.205	649.721	671.128	691.408	699.295
47.0	629.065	640.332	661.739	682.395	691.033
47.5	619.300	630.567	652.350	673.757	682.395
48.0	609.911	620.803	642.961	665.870	673.757
48.5	599.396	611.414	634.323	656.857	665.494
49.0	590.007	601.273	624.558	648.219	656.857
49.5	580.242	591.884	615.545	639.956	648.594
50.0	570.102	582.120	606.531	630.943	639.956
50.5	560.713	572.731	597.142	623.432	632.070
51.0	550.948	562.966	588.880	614.794	623.807
51.5	541.559	553.202	579.491	606.531	615.545
52.0	531.419	543.813	570.477	597.893	607.282
52.5	521.655	534.048	561.840	589.256	599.396
53.0	511.514	524.659	552.826	581.744	590.758
53.5	501.750	515.270	544.188	573.106	582.871
54.0	492.361	505.881	535.550	564.844	574.984
54.5	483.347	496.116	526.912	557.333	567.097

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**CANDELA TABULATION - (Cont.)**

55.0	473.958	487.103	518.274	548.695	559.962
55.5	466.071	477.714	509.637	540.808	551.324
56.0	457.058	469.452	501.374	532.921	543.437
56.5	447.669	460.814	492.736	525.035	535.926
57.0	438.655	452.176	484.474	517.148	528.039
57.5	429.266	443.162	477.338	509.637	519.401
58.0	419.877	434.149	469.076	501.374	513.017
58.5	410.864	425.135	460.814	494.239	505.505
59.0	401.850	416.122	452.927	487.854	497.619
59.5	392.837	407.484	445.791	479.967	491.610
60.0	383.824	398.470	437.904	472.456	484.098
60.5	374.998	389.833	430.018	465.320	476.587
61.0	366.135	381.195	422.131	458.185	469.452
61.5	357.346	372.632	414.244	451.049	462.691
62.0	348.709	364.144	406.733	444.289	455.556
62.5	340.183	355.732	398.846	437.529	448.796
63.0	331.545	347.357	391.335	430.393	442.787
63.5	322.983	339.094	384.199	423.633	436.027
64.0	314.645	330.945	376.688	416.497	429.266
64.5	306.345	322.983	369.552	409.737	422.506
65.0	298.120	314.983	362.379	402.977	416.122
65.5	290.008	307.172	355.281	396.217	409.362
66.0	281.784	299.360	348.258	389.457	402.977
66.5	273.747	291.736	341.272	383.072	396.593
67.0	265.897	284.187	334.325	376.312	390.208
67.5	258.011	276.751	327.527	370.003	383.824
68.0	250.236	269.503	320.767	363.618	377.815
68.5	242.575	262.292	314.157	357.422	371.543
69.0	234.951	255.156	307.622	351.187	365.609
69.5	227.440	248.171	301.163	345.141	359.713
70.0	219.966	241.298	294.816	339.207	353.854
70.5	212.680	234.500	288.469	333.273	348.070
71.0	205.470	227.778	282.234	327.414	342.362
71.5	198.334	221.206	276.150	321.706	336.728
72.0	191.348	214.596	270.066	316.035	331.245
72.5	184.325	208.211	264.132	310.476	325.799
73.0	177.490	201.864	258.236	304.993	320.316
73.5	170.843	195.592	252.527	299.548	314.983
74.0	164.270	189.508	246.744	294.290	309.613
74.5	157.811	183.387	241.223	289.069	304.543
75.0	151.389	177.415	235.740	283.962	299.623
75.5	145.079	171.594	230.332	278.892	294.628
76.0	138.958	165.885	225.074	273.859	289.745
76.5	132.874	160.252	219.854	268.939	284.863
77.0	126.865	154.656	214.708	264.057	280.131
77.5	120.968	149.210	209.638	259.325	275.437
78.0	115.147	143.877	204.718	254.668	270.817
78.5	109.439	138.620	199.836	249.974	266.235
79.0	103.843	133.512	195.104	245.429	261.729
79.5	98.284	128.442	190.447	240.998	257.222
80.0	92.801	123.447	185.790	236.604	252.940
80.5	87.468	118.602	181.283	232.172	248.584
81.0	82.285	113.833	176.964	227.891	244.340
81.5	77.028	109.176	172.645	223.647	240.096
82.0	71.958	104.631	168.439	219.553	236.003
82.5	67.000	100.162	164.308	215.459	231.984

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**CANDELA TABULATION - (Cont.)**

83.0	62.118	95.806	160.252	211.516	228.078
83.5	57.273	91.562	156.384	207.498	224.022
84.0	52.541	87.431	152.628	203.704	220.154
84.5	47.846	83.450	148.948	199.949	216.361
85.0	43.340	79.581	145.342	196.231	212.568
85.5	38.833	75.901	141.812	192.625	208.887
86.0	34.401	72.371	138.357	189.095	205.244
86.5	30.007	69.066	135.089	185.565	201.601
87.0	25.688	65.873	131.784	182.222	198.033
87.5	21.369	62.907	128.667	178.842	194.616
88.0	17.088	60.015	125.588	175.575	191.161
88.5	12.769	57.311	122.621	172.345	187.818
89.0	8.826	54.757	119.804	169.228	184.513
89.5	5.596	52.391	117.062	166.223	181.283
90.0	3.342	50.288	114.546	163.369	178.316
90.5	2.366	48.447	112.218	160.515	175.162
91.0	2.516	46.757	109.852	157.623	172.157
91.5	3.004	45.142	107.486	154.881	169.153
92.0	3.568	43.790	105.232	152.102	166.223
92.5	4.169	42.626	103.317	149.436	163.332
93.0	4.770	41.612	101.326	146.920	160.552
93.5	5.408	40.824	99.449	144.441	157.923
94.0	6.084	40.147	97.683	142.112	155.370
94.5	6.723	39.659	96.031	139.746	152.741
95.0	7.361	39.284	94.491	137.418	150.224
95.5	7.962	39.021	93.064	135.202	147.746
96.0	8.450	38.908	91.825	133.061	145.305
96.5	8.938	38.908	90.585	131.071	143.051
97.0	9.389	38.946	89.459	129.155	140.798
97.5	9.877	39.096	88.407	127.315	138.732
98.0	10.290	39.246	87.468	125.513	136.629
98.5	10.779	39.434	86.680	123.785	134.676
99.0	11.267	39.659	85.853	122.170	132.761
99.5	11.793	39.922	85.140	120.630	130.883
100.0	12.243	40.185	84.576	119.203	129.193
100.5	12.769	40.485	84.013	117.814	127.465
101.0	13.220	40.786	83.600	116.499	125.926
101.5	13.670	41.086	83.187	115.260	124.348
102.0	14.084	41.387	82.886	114.095	122.959
102.5	14.497	41.687	82.586	113.006	121.569
103.0	14.910	42.025	82.361	111.917	120.330
103.5	15.360	42.363	82.173	110.978	119.053
104.0	15.849	42.664	81.985	110.115	117.889
104.5	16.337	43.002	81.872	109.288	116.800
105.0	16.788	43.340	81.760	108.537	115.748
105.5	17.201	43.640	81.647	107.749	114.847
106.0	17.689	44.016	81.609	107.073	113.945
106.5	18.140	44.354	81.609	106.434	113.044
107.0	18.590	44.729	81.609	105.833	112.293
107.5	19.003	45.030	81.609	105.382	111.504
108.0	19.529	45.405	81.609	104.857	110.715
108.5	20.017	45.781	81.647	104.481	110.190
109.0	20.506	46.081	81.722	103.993	109.664
109.5	21.031	46.419	81.760	103.655	109.101
110.0	21.557	46.757	81.835	103.279	108.650
110.5	22.083	47.095	81.910	102.941	108.237

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**CANDELA TABULATION - (Cont.)**

111.0	22.609	47.433	81.947	102.641	107.786
111.5	23.135	47.734	81.985	102.416	107.411
112.0	23.698	48.072	82.060	102.190	106.960
112.5	24.261	48.410	82.135	101.927	106.547
113.0	24.862	48.748	82.248	101.740	106.359
113.5	25.425	49.048	82.248	101.552	106.096
114.0	26.026	49.349	82.323	101.402	105.833
114.5	26.590	49.687	82.398	101.214	105.608
115.0	27.191	49.950	82.473	101.101	105.420
115.5	27.792	50.288	82.473	100.988	105.232
116.0	28.355	50.588	82.586	100.838	105.007
116.5	28.881	50.889	82.661	100.688	104.932
117.0	29.482	51.227	82.736	100.688	104.744
117.5	30.045	51.489	82.811	100.538	104.631
118.0	30.533	51.752	82.886	100.463	104.481
118.5	31.096	52.015	82.924	100.350	104.444
119.0	31.585	52.278	82.999	100.237	104.218
119.5	32.110	52.466	83.074	100.125	104.181
120.0	32.599	52.654	83.037	100.050	103.993
120.5	33.087	52.879	83.074	99.899	103.955
121.0	33.575	53.029	83.149	99.787	103.805
121.5	34.101	53.217	83.112	99.636	103.730
122.0	34.589	53.442	83.112	99.561	103.617
122.5	35.077	53.668	83.149	99.411	103.354
123.0	35.566	53.893	83.112	99.261	103.317
123.5	36.016	54.081	83.037	99.148	103.092
124.0	36.392	54.231	83.037	99.035	103.054
124.5	36.767	54.381	83.037	98.848	102.904
125.0	37.143	54.569	82.961	98.660	102.754
125.5	37.519	54.682	82.886	98.547	102.566
126.0	37.857	54.832	82.849	98.322	102.416
126.5	38.157	55.020	82.774	98.172	102.303
127.0	38.495	55.095	82.699	97.984	102.153
127.5	38.758	55.207	82.586	97.796	101.890
128.0	39.096	55.207	82.548	97.571	101.740
128.5	39.359	55.283	82.398	97.383	101.589
129.0	39.622	55.358	82.248	97.195	101.402
129.5	39.847	55.470	81.985	96.895	101.176
130.0	40.035	55.546	81.722	96.707	100.951
130.5	40.223	55.621	81.422	96.482	100.688
131.0	40.335	55.733	81.121	96.144	100.425
131.5	40.485	55.846	80.821	95.843	100.162
132.0	40.636	55.959	80.483	95.655	99.937
132.5	40.711	55.996	80.107	95.280	99.599
133.0	40.824	56.034	79.957	94.942	99.186
133.5	40.861	55.996	79.732	94.679	98.998
134.0	40.899	55.921	79.581	94.379	98.735
134.5	41.011	55.771	79.394	94.041	98.247
135.0	41.124	55.658	79.168	93.590	97.871
135.5	41.086	55.358	78.981	93.289	97.571
136.0	41.162	55.320	78.718	92.914	97.195
136.5	41.237	55.207	78.530	92.501	96.820
137.0	41.274	55.020	78.229	92.163	96.407
137.5	41.312	54.832	77.967	91.712	96.031
138.0	41.387	54.719	77.591	91.336	95.580
138.5	41.387	54.569	77.103	90.923	95.242

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

139.0	41.349	54.456	76.539	90.435	94.717
139.5	41.349	54.306	75.863	89.909	94.341
140.0	41.349	54.118	75.112	89.421	93.815
140.5	41.349	54.006	74.436	88.820	93.252
141.0	41.349	53.931	73.685	88.182	92.801
141.5	41.349	53.780	72.934	87.618	92.351
142.0	41.312	53.705	72.220	86.905	91.862
142.5	41.274	53.593	71.469	86.266	91.299
143.0	41.237	53.480	70.756	85.666	90.736
143.5	41.237	53.330	69.929	85.027	90.210
144.0	41.237	53.142	69.216	84.539	89.609
144.5	41.349	52.992	68.502	83.975	89.083
145.0	41.500	52.841	67.714	83.487	88.482
145.5	41.762	52.654	67.000	82.999	87.881
146.0	42.100	52.503	66.324	82.473	87.318
146.5	42.438	52.353	65.761	81.910	86.680
147.0	42.776	52.165	65.122	81.347	86.041
147.5	43.077	52.090	64.634	80.783	85.403
148.0	43.415	51.940	64.108	80.145	84.727
148.5	43.715	51.903	63.695	79.544	84.051
149.0	44.091	51.903	63.245	78.943	83.450
149.5	44.354	52.015	62.831	78.305	82.699
150.0	44.654	52.090	62.418	77.704	81.910
150.5	44.917	52.128	61.968	77.028	81.084
151.0	45.105	52.241	61.367	76.352	80.107
151.5	45.293	52.278	60.728	75.638	79.206
152.0	45.518	52.353	60.127	74.887	78.305
152.5	45.743	52.428	59.564	74.098	77.328
153.0	45.894	52.466	58.963	73.197	76.539
153.5	46.081	52.579	58.325	72.258	75.638
154.0	46.232	52.541	57.761	71.206	74.887
154.5	46.419	52.579	57.273	70.192	74.136
155.0	46.494	52.654	56.785	69.028	73.572
155.5	46.645	52.691	56.297	67.939	72.972
156.0	46.757	52.691	55.959	66.775	72.446
156.5	46.945	52.691	55.621	65.611	71.770
157.0	47.020	52.766	55.283	64.559	71.131
157.5	47.133	52.766	55.057	63.545	70.418
158.0	47.283	52.729	54.945	62.493	69.742
158.5	47.321	52.729	54.794	61.630	68.953
159.0	47.508	52.616	54.682	60.803	68.277
159.5	47.659	52.541	54.494	60.015	67.526
160.0	47.846	52.466	54.306	59.376	66.775
160.5	48.072	52.428	54.156	58.775	66.061
161.0	48.222	52.316	54.118	58.137	65.348
161.5	48.447	52.278	54.043	57.498	64.822
162.0	48.635	52.203	54.156	56.973	64.371
162.5	48.823	52.203	54.231	56.409	63.845
163.0	49.048	52.165	54.269	55.808	63.395
163.5	49.236	52.165	54.344	55.170	62.831
164.0	49.311	52.165	54.419	54.381	62.306
164.5	49.424	52.090	54.344	53.780	61.630
165.0	49.537	52.090	54.231	53.179	60.954
165.5	49.649	52.053	54.118	52.766	60.240
166.0	49.762	52.015	54.043	52.316	59.151
166.5	49.875	52.015	53.931	51.940	58.625

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

167.0	50.025	52.015	53.818	51.602	58.212
167.5	50.100	52.015	53.593	51.302	57.799
168.0	50.213	52.015	53.405	51.001	57.461
168.5	50.438	51.865	53.142	50.738	57.048
169.0	50.551	51.903	52.954	50.475	56.635
169.5	50.738	51.790	52.654	50.175	56.184
170.0	50.813	51.752	52.391	49.799	55.771
170.5	50.926	51.677	52.053	49.386	55.320
171.0	51.001	51.602	51.677	48.936	54.757
171.5	51.114	51.602	51.339	48.523	54.306
172.0	51.302	51.527	51.151	48.109	53.630
172.5	51.414	51.527	50.926	47.659	52.879
173.0	51.565	51.452	50.738	47.246	51.602
173.5	51.752	51.489	50.663	46.832	49.687
174.0	51.903	51.489	50.626	46.494	47.321
174.5	52.015	51.489	50.551	46.156	44.504
175.0	52.241	51.602	50.513	45.894	41.312
175.5	52.316	51.640	50.475	45.781	37.969
176.0	52.466	51.715	50.475	45.668	35.791
176.5	52.503	51.752	50.438	45.668	34.251
177.0	52.654	51.827	50.363	45.556	32.674
177.5	52.691	51.827	50.250	45.518	32.336
178.0	52.841	51.903	50.213	45.480	32.411
178.5	52.917	51.940	50.250	45.405	32.486
179.0	52.992	51.940	50.213	45.293	32.524
179.5	53.067	51.940	50.175	45.255	32.561
180.0	47.584	47.584	47.584	47.584	47.584



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	429.97	N.A.	11.70
0-30	900.93	N.A.	24.50
0-40	1447.22	N.A.	39.40
0-60	2449.24	N.A.	66.70
0-80	3051.31	N.A.	83.10
0-90	3202.74	N.A.	87.30
10-90	3090.64	N.A.	84.20
20-40	1017.25	N.A.	27.70
20-50	1555.22	N.A.	42.40
40-70	1358.95	N.A.	37.00
60-80	602.08	N.A.	16.40
70-80	245.14	N.A.	6.70
80-90	151.42	N.A.	4.10
90-110	176.86	N.A.	4.80
90-120	251.32	N.A.	6.80
90-130	319.84	N.A.	8.70
90-150	419.89	N.A.	11.40
90-180	467.72	N.A.	12.70
110-180	290.86	N.A.	7.90
0-180	3670.46	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	112.09
10-20	317.88
20-30	470.96
30-40	546.29
40-50	537.96
50-60	464.05
60-70	356.93
70-80	245.14
80-90	151.42
90-100	97.02
100-110	79.84
110-120	74.46
120-130	68.53
130-140	57.58
140-150	42.47
150-160	27.77
160-170	15.30
170-180	4.77

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L42-950-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-L42-950-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

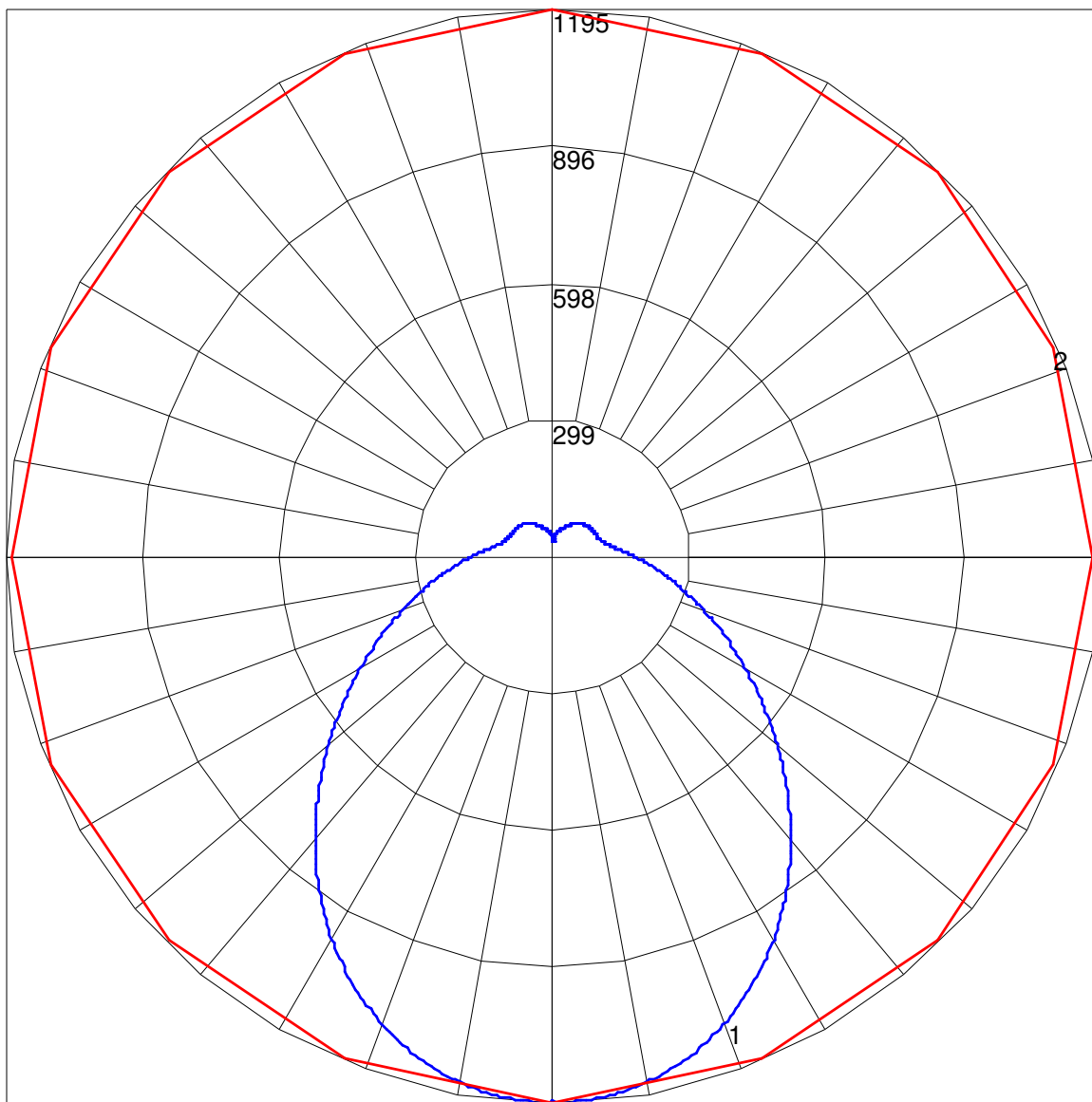
Reflectances

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	18.6	20.0	19.2	20.6	21.2	20.2	21.6	20.8	22.2	22.8
	3H	20.0	21.2	20.6	21.8	22.5	22.4	23.6	23.0	24.2	24.9
	4H	20.4	21.6	21.0	22.2	22.9	23.4	24.6	24.0	25.2	25.9
	6H	20.7	21.8	21.3	22.4	23.1	24.5	25.6	25.1	26.2	26.9
	8H	20.8	21.9	21.4	22.5	23.2	25.1	26.1	25.7	26.8	27.4
	12H	20.9	21.8	21.5	22.5	23.2	25.7	26.7	26.3	27.3	28.0
4H	2H	19.4	20.5	20.0	21.1	21.8	20.6	21.8	21.2	22.4	23.1
	3H	21.0	22.0	21.6	22.6	23.3	23.0	24.0	23.7	24.7	25.4
	4H	21.5	22.4	22.2	23.1	23.8	24.3	25.2	24.9	25.8	26.5
	6H	21.9	22.7	22.6	23.4	24.1	25.6	26.3	26.2	27.0	27.7
	8H	22.1	22.8	22.7	23.5	24.2	26.2	27.0	26.9	27.6	28.4
	12H	22.1	22.8	22.8	23.5	24.2	27.0	27.6	27.6	28.3	29.1
8H	4H	22.1	22.8	22.7	23.5	24.2	24.5	25.2	25.1	25.9	26.6
	6H	22.7	23.3	23.3	24.0	24.7	25.9	26.6	26.6	27.3	28.0
	8H	22.9	23.4	23.6	24.1	24.9	26.7	27.3	27.4	28.0	28.8
	12H	23.0	23.5	23.7	24.2	25.0	27.7	28.2	28.4	28.9	29.7
12H	4H	22.2	22.9	22.9	23.6	24.3	24.5	25.1	25.1	25.8	26.6
	6H	22.9	23.5	23.6	24.2	25.0	26.0	26.5	26.7	27.2	28.0
	8H	23.2	23.7	23.9	24.4	25.2	26.9	27.4	27.6	28.0	28.9

Maximum UGR = 29.7

POLAR GRAPH



Maximum Candela = 1195.036 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.)