

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-935-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-3-L40-935-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	3225
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	28.2
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)	2.80 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	9317	8368	8322
55	8044	7154	7306
65	6729	6114	6511
75	5343	5324	6086
85	3768	5200	6430

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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	1043.615	1043.615	1043.615	1043.615	1043.615
0.5	1038.666	1042.626	1043.285	1042.955	1049.884
1.0	1038.666	1042.955	1042.955	1042.626	1049.554
1.5	1037.676	1042.955	1042.626	1042.296	1049.884
2.0	1037.346	1041.966	1042.626	1041.966	1048.894
2.5	1037.346	1041.966	1041.636	1041.636	1048.235
3.0	1036.357	1040.976	1040.976	1040.976	1047.575
3.5	1035.697	1039.986	1039.986	1040.316	1046.915
4.0	1035.037	1039.326	1039.326	1038.996	1046.255
4.5	1033.387	1038.336	1038.666	1038.336	1045.265
5.0	1032.397	1037.346	1037.346	1037.346	1044.275
5.5	1031.077	1036.027	1036.027	1036.357	1042.955
6.0	1030.418	1034.377	1034.707	1034.707	1041.636
6.5	1028.108	1033.057	1033.387	1033.387	1039.986
7.0	1026.788	1031.407	1031.737	1031.407	1038.666
7.5	1025.468	1029.428	1030.088	1030.088	1037.016
8.0	1023.819	1028.108	1028.108	1028.108	1034.707
8.5	1022.169	1025.798	1026.458	1026.458	1032.727
9.0	1019.529	1024.149	1024.479	1024.149	1030.418
9.5	1017.880	1021.839	1021.839	1021.839	1029.098
10.0	1015.240	1019.199	1019.199	1019.859	1026.458
10.5	1012.931	1016.890	1017.220	1017.220	1024.149
11.0	1010.621	1014.580	1014.910	1014.580	1021.509
11.5	1007.651	1011.941	1012.601	1011.941	1019.199
12.0	1005.012	1008.971	1009.631	1009.631	1016.230
12.5	1002.372	1006.002	1006.991	1006.332	1013.590
13.0	999.403	1003.362	1004.022	1003.692	1010.621
13.5	996.433	1000.063	1000.723	1000.723	1007.981
14.0	992.804	996.763	997.423	997.423	1004.352
14.5	989.834	993.464	994.124	994.124	1001.712
15.0	986.865	990.164	990.494	990.494	997.753
15.5	983.235	986.205	987.195	987.195	993.794
16.0	979.276	982.576	983.565	983.565	990.494
16.5	975.977	978.616	979.606	979.936	986.865
17.0	971.357	974.327	975.647	975.977	982.906
17.5	967.398	970.368	971.687	972.017	978.946
18.0	963.769	966.408	967.398	968.388	975.317
18.5	959.479	962.449	963.439	964.099	971.028
19.0	955.190	957.500	959.150	959.809	966.408
19.5	950.241	953.540	954.860	956.180	962.119
20.0	944.962	948.591	950.241	951.231	957.500
20.5	939.683	944.302	945.622	946.942	953.210
21.0	935.393	939.023	940.013	942.652	948.591
21.5	930.444	934.074	935.723	937.043	943.642
22.0	925.165	929.454	931.104	932.424	939.353
22.5	920.546	923.515	925.825	927.805	934.404
23.0	914.937	918.236	920.546	922.526	929.125
23.5	908.998	912.627	915.597	917.576	924.175
24.0	903.059	907.018	909.988	912.297	918.896
24.5	898.110	901.409	904.709	906.688	912.957
25.0	892.501	895.800	899.429	901.409	907.678
25.5	886.232	890.191	893.161	896.130	901.409
26.0	880.293	883.922	887.881	890.521	896.460
26.5	874.024	877.653	882.272	884.582	890.851

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**CANDELA TABULATION - (Cont.)**

27.0	867.755	871.054	876.663	879.633	885.242
27.5	860.496	864.785	870.394	873.034	879.633
28.0	855.217	858.516	864.125	867.095	873.364
28.5	848.288	852.247	857.856	860.826	867.095
29.0	841.689	845.648	851.258	854.887	861.156
29.5	834.760	838.720	844.659	848.288	854.557
30.0	827.831	832.121	838.060	842.679	848.948
30.5	820.573	824.862	831.791	836.410	842.349
31.0	813.644	817.933	824.862	829.811	835.420
31.5	806.385	811.334	818.263	823.542	829.481
32.0	799.456	803.746	811.664	816.613	822.552
32.5	791.867	796.487	804.735	810.014	815.953
33.0	784.609	789.558	797.147	803.416	809.355
33.5	777.680	782.299	790.548	796.157	802.426
34.0	769.431	774.710	783.289	789.558	796.157
34.5	761.843	767.452	776.360	782.299	788.898
35.0	754.914	759.533	769.431	775.700	781.969
35.5	746.005	752.274	761.843	768.441	774.710
36.0	739.076	744.355	754.584	761.183	767.782
36.5	730.498	736.437	746.995	754.254	761.183
37.0	722.579	728.848	739.406	746.665	754.254
37.5	714.330	720.599	732.147	740.066	746.665
38.0	706.082	712.681	724.229	732.477	738.746
38.5	697.503	704.432	716.640	725.549	731.488
39.0	689.915	696.184	708.721	717.960	725.549
39.5	681.336	688.595	701.133	710.371	717.630
40.0	672.098	680.016	693.214	703.442	710.041
40.5	663.519	671.768	685.625	696.184	702.782
41.0	655.600	663.519	677.707	688.595	695.194
41.5	647.022	655.270	669.788	681.006	687.935
42.0	638.443	647.022	661.869	673.747	680.676
42.5	630.195	638.443	653.621	666.159	673.087
43.0	620.956	630.195	646.032	658.900	665.829
43.5	613.037	621.616	637.783	651.311	658.570
44.0	604.129	613.037	629.535	644.052	650.981
44.5	595.880	604.789	621.286	636.134	643.392
45.0	587.302	596.210	613.367	629.205	636.463
45.5	578.723	587.962	605.449	621.946	629.205
46.0	570.145	579.383	596.870	614.027	621.616
46.5	561.566	570.804	589.611	607.428	614.357
47.0	552.658	562.556	581.363	599.510	607.098
47.5	544.079	553.977	573.114	591.921	599.510
48.0	535.830	545.399	564.865	584.992	591.921
48.5	526.592	537.150	557.277	577.073	584.662
49.0	518.343	528.242	548.698	569.485	577.073
49.5	509.765	519.993	540.780	562.226	569.815
50.0	500.856	511.414	532.861	554.307	562.226
50.5	492.608	503.166	524.612	547.708	555.297
51.0	484.029	494.587	517.353	540.120	548.038
51.5	475.780	486.009	509.105	532.861	540.780
52.0	466.872	477.760	501.186	525.272	533.521
52.5	458.293	469.181	493.597	517.683	526.592
53.0	449.385	460.933	485.679	511.084	519.003
53.5	440.806	452.684	478.090	503.496	512.074
54.0	432.558	444.436	470.501	496.237	505.145
54.5	424.639	435.857	462.913	489.638	498.217

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**CANDELA TABULATION - (Cont.)**

55.0	416.390	427.938	455.324	482.049	491.948
55.5	409.461	419.690	447.735	475.120	484.359
56.0	401.543	412.431	440.476	468.192	477.430
56.5	393.294	404.842	432.888	461.263	470.831
57.0	385.376	397.254	425.629	454.334	463.902
57.5	377.127	389.335	419.360	447.735	456.314
58.0	368.878	381.416	412.101	440.476	450.705
58.5	360.960	373.498	404.842	434.207	444.106
59.0	353.041	365.579	397.913	428.598	437.177
59.5	345.122	357.990	391.644	421.669	431.898
60.0	337.204	350.071	384.716	415.071	425.299
60.5	329.450	342.483	377.787	408.802	418.700
61.0	321.663	334.894	370.858	402.533	412.431
61.5	313.942	327.371	363.929	396.264	406.492
62.0	306.354	319.914	357.330	390.325	400.223
62.5	298.864	312.524	350.401	384.386	394.284
63.0	291.275	305.166	343.802	378.117	389.005
63.5	283.753	297.907	337.534	372.178	383.066
64.0	276.428	290.747	330.935	365.909	377.127
64.5	269.136	283.753	324.666	359.970	371.188
65.0	261.910	276.725	318.364	354.031	365.579
65.5	254.783	269.862	312.128	348.092	359.640
66.0	247.558	262.999	305.958	342.153	354.031
66.5	240.497	256.301	299.821	336.544	348.422
67.0	233.601	249.669	293.717	330.605	342.813
67.5	226.672	243.136	287.745	325.062	337.204
68.0	219.842	236.768	281.806	319.453	331.924
68.5	213.111	230.433	275.999	314.008	326.414
69.0	206.413	224.164	270.258	308.531	321.201
69.5	199.815	218.028	264.583	303.219	316.021
70.0	193.249	211.990	259.007	298.006	310.874
70.5	186.848	206.018	253.431	292.793	305.793
71.0	180.513	200.112	247.954	287.646	300.778
71.5	174.244	194.337	242.608	282.631	295.828
72.0	168.107	188.530	237.263	277.649	291.011
72.5	161.937	182.921	232.050	272.765	286.227
73.0	155.932	177.345	226.870	267.948	281.410
73.5	150.092	171.835	221.855	263.164	276.725
74.0	144.318	166.490	216.774	258.545	272.006
74.5	138.643	161.112	211.924	253.959	267.552
75.0	133.001	155.866	207.106	249.471	263.230
75.5	127.458	150.752	202.355	245.017	258.842
76.0	122.080	145.737	197.736	240.596	254.552
76.5	116.734	140.787	193.150	236.273	250.263
77.0	111.455	135.871	188.629	231.984	246.106
77.5	106.275	131.087	184.175	227.827	241.982
78.0	101.161	126.402	179.853	223.736	237.923
78.5	96.146	121.783	175.564	219.611	233.898
79.0	91.230	117.295	171.406	215.619	229.939
79.5	86.347	112.841	167.315	211.726	225.979
80.0	81.529	108.453	163.224	207.865	222.218
80.5	76.844	104.197	159.264	203.972	218.390
81.0	72.291	100.006	155.470	200.210	214.662
81.5	67.672	95.915	151.676	196.482	210.934
82.0	63.217	91.923	147.980	192.886	207.337
82.5	58.862	87.996	144.351	189.289	203.807

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**CANDELA TABULATION - (Cont.)**

83.0	54.573	84.169	140.787	185.825	200.375
83.5	50.317	80.441	137.389	182.294	196.812
84.0	46.159	76.811	134.090	178.962	193.414
84.5	42.035	73.314	130.856	175.663	190.081
85.0	38.076	69.915	127.689	172.396	186.749
85.5	34.116	66.682	124.587	169.229	183.515
86.0	30.223	63.580	121.552	166.127	180.315
86.5	26.363	60.677	118.681	163.026	177.114
87.0	22.568	57.872	115.778	160.089	173.980
87.5	18.774	55.266	113.039	157.120	170.977
88.0	15.012	52.725	110.334	154.249	167.942
88.5	11.218	50.350	107.727	151.412	165.005
89.0	7.754	48.106	105.252	148.673	162.102
89.5	4.916	46.027	102.844	146.034	159.264
90.0	2.937	44.180	100.633	143.526	156.658
90.5	2.079	42.563	98.588	141.018	153.886
91.0	2.211	41.078	96.509	138.478	151.247
91.5	2.640	39.659	94.430	136.069	148.607
92.0	3.134	38.472	92.451	133.628	146.034
92.5	3.662	37.449	90.768	131.285	143.493
93.0	4.190	36.558	89.019	129.074	141.051
93.5	4.751	35.865	87.369	126.897	138.742
94.0	5.345	35.271	85.819	124.851	136.498
94.5	5.906	34.842	84.367	122.772	134.189
95.0	6.467	34.512	83.014	120.727	131.978
95.5	6.995	34.281	81.760	118.780	129.800
96.0	7.424	34.182	80.672	116.899	127.656
96.5	7.853	34.182	79.583	115.151	125.676
97.0	8.249	34.215	78.593	113.468	123.696
97.5	8.678	34.347	77.669	111.851	121.882
98.0	9.040	34.479	76.844	110.268	120.034
98.5	9.469	34.644	76.151	108.750	118.318
99.0	9.898	34.842	75.425	107.331	116.635
99.5	10.360	35.073	74.798	105.978	114.986
100.0	10.756	35.304	74.304	104.724	113.501
100.5	11.218	35.568	73.809	103.504	111.983
101.0	11.614	35.832	73.446	102.349	110.630
101.5	12.010	36.096	73.083	101.260	109.245
102.0	12.373	36.360	72.819	100.237	108.024
102.5	12.736	36.624	72.555	99.280	106.803
103.0	13.099	36.921	72.357	98.324	105.714
103.5	13.495	37.218	72.192	97.499	104.592
104.0	13.924	37.482	72.027	96.740	103.570
104.5	14.353	37.779	71.928	96.014	102.613
105.0	14.749	38.076	71.829	95.354	101.689
105.5	15.111	38.340	71.730	94.661	100.897
106.0	15.540	38.670	71.697	94.067	100.105
106.5	15.936	38.966	71.697	93.506	99.313
107.0	16.332	39.296	71.697	92.978	98.653
107.5	16.695	39.560	71.697	92.583	97.961
108.0	17.157	39.890	71.697	92.121	97.268
108.5	17.586	40.220	71.730	91.791	96.806
109.0	18.015	40.484	71.796	91.362	96.344
109.5	18.477	40.781	71.829	91.065	95.849
110.0	18.939	41.078	71.895	90.735	95.453
110.5	19.401	41.375	71.961	90.438	95.090

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**CANDELA TABULATION - (Cont.)**

111.0	19.863	41.672	71.994	90.174	94.694
111.5	20.325	41.936	72.027	89.976	94.364
112.0	20.820	42.233	72.093	89.778	93.968
112.5	21.314	42.530	72.159	89.547	93.605
113.0	21.842	42.827	72.258	89.382	93.440
113.5	22.337	43.091	72.258	89.217	93.209
114.0	22.865	43.355	72.324	89.085	92.978
114.5	23.360	43.652	72.390	88.920	92.780
115.0	23.888	43.883	72.456	88.821	92.616
115.5	24.416	44.180	72.456	88.722	92.451
116.0	24.911	44.444	72.555	88.590	92.253
116.5	25.373	44.708	72.621	88.458	92.187
117.0	25.901	45.004	72.687	88.458	92.022
117.5	26.396	45.235	72.753	88.326	91.923
118.0	26.825	45.466	72.819	88.260	91.791
118.5	27.319	45.697	72.852	88.161	91.758
119.0	27.748	45.928	72.918	88.062	91.560
119.5	28.210	46.093	72.984	87.963	91.527
120.0	28.639	46.258	72.951	87.897	91.362
120.5	29.068	46.456	72.984	87.765	91.329
121.0	29.497	46.588	73.050	87.666	91.197
121.5	29.959	46.753	73.017	87.534	91.131
122.0	30.388	46.951	73.017	87.468	91.032
122.5	30.817	47.149	73.050	87.336	90.801
123.0	31.246	47.347	73.017	87.204	90.768
123.5	31.642	47.512	72.951	87.105	90.570
124.0	31.972	47.644	72.951	87.006	90.537
124.5	32.302	47.776	72.951	86.841	90.405
125.0	32.632	47.941	72.885	86.676	90.273
125.5	32.961	48.040	72.819	86.578	90.108
126.0	33.258	48.172	72.786	86.380	89.976
126.5	33.522	48.337	72.720	86.248	89.877
127.0	33.819	48.403	72.654	86.083	89.745
127.5	34.050	48.502	72.555	85.918	89.514
128.0	34.347	48.502	72.522	85.720	89.382
128.5	34.578	48.568	72.390	85.555	89.250
129.0	34.809	48.634	72.258	85.390	89.085
129.5	35.007	48.733	72.027	85.126	88.887
130.0	35.172	48.799	71.796	84.961	88.689
130.5	35.337	48.865	71.532	84.763	88.458
131.0	35.436	48.964	71.268	84.466	88.227
131.5	35.568	49.063	71.004	84.202	87.996
132.0	35.700	49.162	70.707	84.037	87.798
132.5	35.766	49.195	70.377	83.707	87.501
133.0	35.865	49.228	70.245	83.410	87.138
133.5	35.898	49.195	70.047	83.179	86.973
134.0	35.931	49.129	69.915	82.915	86.742
134.5	36.030	48.997	69.750	82.618	86.314
135.0	36.129	48.898	69.552	82.222	85.984
135.5	36.096	48.634	69.387	81.958	85.720
136.0	36.162	48.601	69.156	81.628	85.390
136.5	36.228	48.502	68.991	81.265	85.060
137.0	36.261	48.337	68.727	80.968	84.697
137.5	36.294	48.172	68.497	80.573	84.367
138.0	36.360	48.073	68.167	80.243	83.971
138.5	36.360	47.941	67.738	79.880	83.674

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

139.0	36.327	47.842	67.243	79.451	83.212
139.5	36.327	47.710	66.649	78.989	82.882
140.0	36.327	47.545	65.989	78.560	82.420
140.5	36.327	47.446	65.395	78.032	81.925
141.0	36.327	47.380	64.735	77.471	81.529
141.5	36.327	47.248	64.075	76.976	81.133
142.0	36.294	47.182	63.448	76.349	80.704
142.5	36.261	47.083	62.788	75.788	80.210
143.0	36.228	46.984	62.162	75.260	79.715
143.5	36.228	46.852	61.436	74.700	79.253
144.0	36.228	46.687	60.809	74.271	78.725
144.5	36.327	46.555	60.182	73.776	78.263
145.0	36.459	46.423	59.489	73.347	77.735
145.5	36.690	46.258	58.862	72.918	77.207
146.0	36.987	46.126	58.268	72.456	76.712
146.5	37.284	45.994	57.773	71.961	76.151
147.0	37.581	45.829	57.212	71.466	75.590
147.5	37.845	45.763	56.783	70.971	75.029
148.0	38.142	45.631	56.322	70.410	74.436
148.5	38.406	45.598	55.959	69.882	73.842
149.0	38.736	45.598	55.563	69.354	73.314
149.5	38.966	45.697	55.200	68.793	72.654
150.0	39.230	45.763	54.837	68.266	71.961
150.5	39.461	45.796	54.441	67.672	71.235
151.0	39.626	45.895	53.913	67.078	70.377
151.5	39.791	45.928	53.352	66.451	69.585
152.0	39.989	45.994	52.824	65.791	68.793
152.5	40.187	46.060	52.329	65.098	67.936
153.0	40.319	46.093	51.801	64.306	67.243
153.5	40.484	46.192	51.240	63.481	66.451
154.0	40.616	46.159	50.746	62.558	65.791
154.5	40.781	46.192	50.317	61.667	65.131
155.0	40.847	46.258	49.888	60.644	64.636
155.5	40.979	46.291	49.459	59.687	64.108
156.0	41.078	46.291	49.162	58.664	63.646
156.5	41.243	46.291	48.865	57.641	63.052
157.0	41.309	46.357	48.568	56.718	62.492
157.5	41.408	46.357	48.370	55.827	61.865
158.0	41.540	46.324	48.271	54.903	61.271
158.5	41.573	46.324	48.139	54.144	60.578
159.0	41.738	46.225	48.040	53.418	59.984
159.5	41.870	46.159	47.875	52.725	59.324
160.0	42.035	46.093	47.710	52.164	58.664
160.5	42.233	46.060	47.578	51.636	58.037
161.0	42.365	45.961	47.545	51.075	57.410
161.5	42.563	45.928	47.479	50.515	56.948
162.0	42.728	45.862	47.578	50.053	56.553
162.5	42.893	45.862	47.644	49.558	56.091
163.0	43.091	45.829	47.677	49.030	55.695
163.5	43.256	45.829	47.743	48.469	55.200
164.0	43.322	45.829	47.809	47.776	54.738
164.5	43.421	45.763	47.743	47.248	54.144
165.0	43.520	45.763	47.644	46.720	53.550
165.5	43.619	45.730	47.545	46.357	52.923
166.0	43.718	45.697	47.479	45.961	51.966
166.5	43.817	45.697	47.380	45.631	51.504

IES INDOOR REPORT  
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CANDELA TABULATION - (Cont.)

167.0	43.949	45.697	47.281	45.334	51.141
167.5	44.015	45.697	47.083	45.070	50.779
168.0	44.114	45.697	46.918	44.807	50.482
168.5	44.312	45.565	46.687	44.576	50.119
169.0	44.411	45.598	46.522	44.345	49.756
169.5	44.576	45.499	46.258	44.081	49.360
170.0	44.642	45.466	46.027	43.751	48.997
170.5	44.741	45.400	45.730	43.388	48.601
171.0	44.807	45.334	45.400	42.992	48.106
171.5	44.905	45.334	45.103	42.629	47.710
172.0	45.070	45.268	44.938	42.266	47.116
172.5	45.169	45.268	44.741	41.870	46.456
173.0	45.301	45.202	44.576	41.507	45.334
173.5	45.466	45.235	44.510	41.144	43.652
174.0	45.598	45.235	44.477	40.847	41.573
174.5	45.697	45.235	44.411	40.550	39.098
175.0	45.895	45.334	44.378	40.319	36.294
175.5	45.961	45.367	44.345	40.220	33.357
176.0	46.093	45.433	44.345	40.121	31.444
176.5	46.126	45.466	44.312	40.121	30.091
177.0	46.258	45.532	44.246	40.022	28.705
177.5	46.291	45.532	44.147	39.989	28.408
178.0	46.423	45.598	44.114	39.956	28.474
178.5	46.489	45.631	44.147	39.890	28.540
179.0	46.555	45.631	44.114	39.791	28.573
179.5	46.621	45.631	44.081	39.758	28.606
180.0	41.804	41.804	41.804	41.804	41.804



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-935-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	377.75	N.A.	11.70
0-30	791.50	N.A.	24.50
0-40	1271.44	N.A.	39.40
0-60	2151.75	N.A.	66.70
0-80	2680.7	N.A.	83.10
0-90	2813.72	N.A.	87.30
10-90	2715.25	N.A.	84.20
20-40	893.70	N.A.	27.70
20-50	1366.32	N.A.	42.40
40-70	1193.89	N.A.	37.00
60-80	528.95	N.A.	16.40
70-80	215.37	N.A.	6.70
80-90	133.03	N.A.	4.10
90-110	155.38	N.A.	4.80
90-120	220.79	N.A.	6.80
90-130	280.99	N.A.	8.70
90-150	368.89	N.A.	11.40
90-180	410.91	N.A.	12.70
110-180	255.53	N.A.	7.90
0-180	3224.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	98.48
10-20	279.27
20-30	413.76
30-40	479.94
40-50	472.62
50-60	407.69
60-70	313.58
70-80	215.37
80-90	133.03
90-100	85.23
100-110	70.15
110-120	65.41
120-130	60.20
130-140	50.59
140-150	37.31
150-160	24.39
160-170	13.44
170-180	4.19

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-935-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-3-L40-935-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

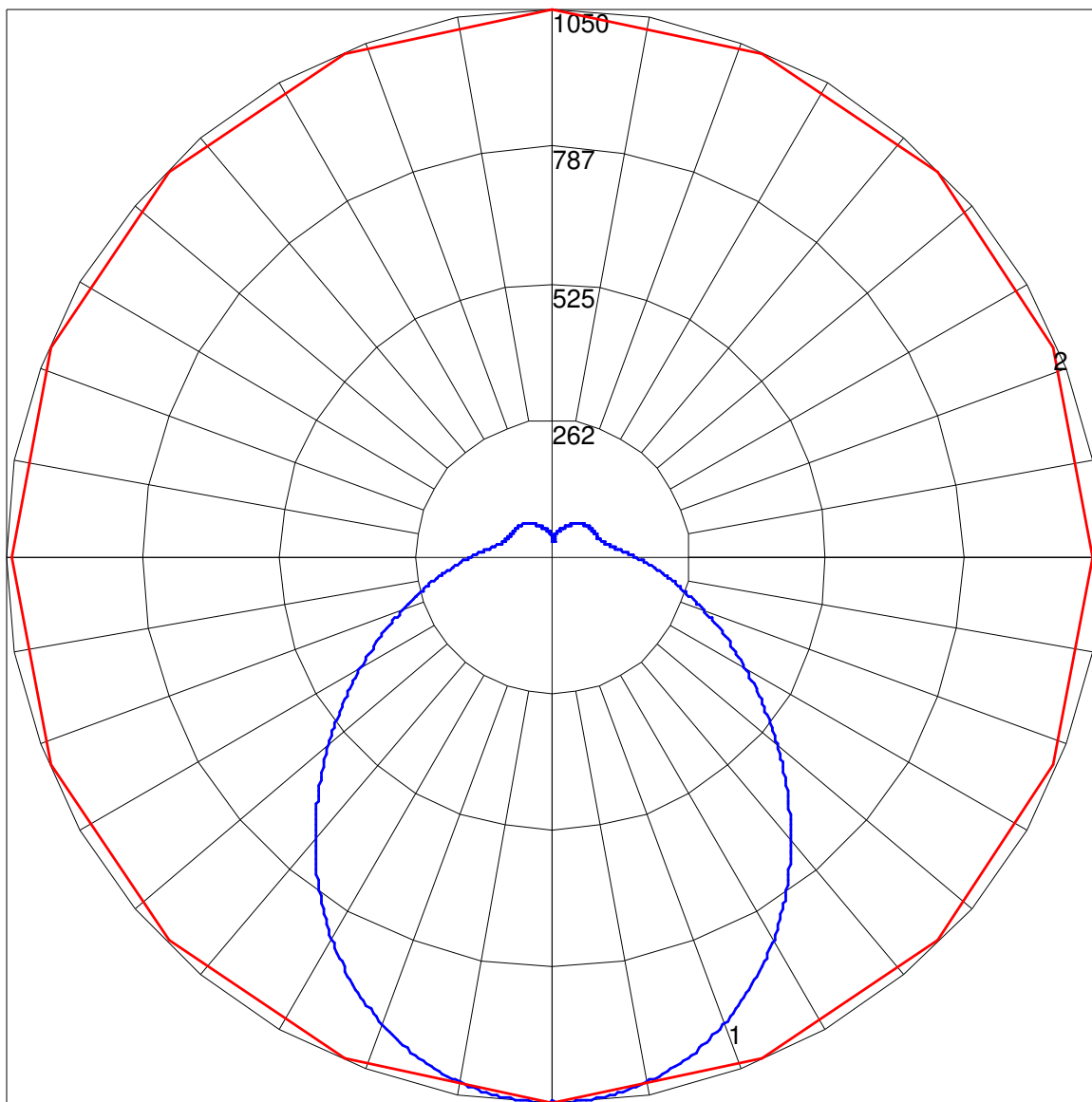
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	16.9	18.2	17.4	18.8	19.4	18.5	19.9	19.1	20.4	21.1
	3H	18.2	19.5	18.8	20.0	20.7	20.7	21.9	21.3	22.5	23.2
	4H	18.7	19.8	19.3	20.4	21.1	21.8	22.9	22.3	23.5	24.2
	6H	19.0	20.1	19.6	20.7	21.3	22.9	24.0	23.5	24.6	25.2
	8H	19.0	20.1	19.7	20.7	21.4	23.4	24.5	24.1	25.1	25.8
	12H	19.1	20.1	19.7	20.7	21.4	24.1	25.1	24.7	25.7	26.4
4H	2H	17.6	18.8	18.2	19.4	20.0	18.9	20.1	19.5	20.7	21.3
	3H	19.2	20.2	19.8	20.8	21.5	21.3	22.3	21.9	23.0	23.6
	4H	19.8	20.7	20.4	21.3	22.0	22.6	23.5	23.2	24.1	24.8
	6H	20.2	21.0	20.8	21.6	22.4	23.9	24.7	24.5	25.3	26.1
	8H	20.3	21.0	20.9	21.7	22.4	24.6	25.3	25.2	26.0	26.7
	12H	20.4	21.0	21.0	21.7	22.5	25.3	26.0	26.0	26.7	27.5
8H	4H	20.3	21.1	21.0	21.7	22.5	22.8	23.5	23.4	24.2	24.9
	6H	20.9	21.5	21.6	22.2	23.0	24.3	24.9	24.9	25.6	26.3
	8H	21.1	21.7	21.8	22.4	23.2	25.1	25.7	25.8	26.4	27.1
	12H	21.3	21.8	22.0	22.5	23.3	26.1	26.6	26.8	27.3	28.1
12H	4H	20.5	21.2	21.2	21.8	22.6	22.8	23.4	23.4	24.1	24.9
	6H	21.2	21.7	21.9	22.4	23.2	24.3	24.9	25.0	25.5	26.4
	8H	21.5	22.0	22.2	22.7	23.5	25.2	25.7	25.9	26.4	27.2

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 1049.884 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.)