

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-927-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-3-L40-927-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	3108
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
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	8980	8066	8021
55	7753	6895	7042
65	6486	5893	6276
75	5150	5131	5866
85	3631	5012	6197

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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	1005.894	1005.894	1005.894	1005.894	1005.894
0.5	1001.124	1004.940	1005.576	1005.258	1011.936
1.0	1001.124	1005.258	1005.258	1004.940	1011.618
1.5	1000.170	1005.258	1004.940	1004.622	1011.936
2.0	999.852	1004.304	1004.940	1004.304	1010.982
2.5	999.852	1004.304	1003.986	1003.986	1010.346
3.0	998.898	1003.350	1003.350	1003.350	1009.710
3.5	998.262	1002.396	1002.396	1002.714	1009.074
4.0	997.626	1001.760	1001.760	1001.442	1008.438
4.5	996.036	1000.806	1001.124	1000.806	1007.484
5.0	995.081	999.852	999.852	999.852	1006.530
5.5	993.809	998.580	998.580	998.898	1005.258
6.0	993.173	996.990	997.308	997.308	1003.986
6.5	990.947	995.717	996.036	996.036	1002.396
7.0	989.675	994.127	994.445	994.127	1001.124
7.5	988.403	992.219	992.855	992.855	999.534
8.0	986.813	990.947	990.947	990.947	997.308
8.5	985.223	988.721	989.357	989.357	995.399
9.0	982.679	987.131	987.449	987.131	993.173
9.5	981.089	984.905	984.905	984.905	991.901
10.0	978.544	982.361	982.361	982.997	989.357
10.5	976.318	980.135	980.453	980.453	987.131
11.0	974.092	977.908	978.226	977.908	984.587
11.5	971.230	975.364	976.000	975.364	982.361
12.0	968.686	972.502	973.138	973.138	979.499
12.5	966.142	969.640	970.594	969.958	976.954
13.0	963.280	967.096	967.732	967.414	974.092
13.5	960.417	963.916	964.552	964.552	971.548
14.0	956.919	960.735	961.371	961.371	968.050
14.5	954.057	957.555	958.191	958.191	965.506
15.0	951.195	954.375	954.693	954.693	961.689
15.5	947.697	950.559	951.513	951.513	957.873
16.0	943.880	947.061	948.015	948.015	954.693
16.5	940.700	943.244	944.198	944.516	951.195
17.0	936.248	939.110	940.382	940.700	947.379
17.5	932.432	935.294	936.566	936.884	943.562
18.0	928.934	931.478	932.432	933.386	940.064
18.5	924.799	927.661	928.615	929.252	935.930
19.0	920.665	922.891	924.481	925.117	931.478
19.5	915.895	919.075	920.347	921.619	927.343
20.0	910.806	914.305	915.895	916.849	922.891
20.5	905.718	910.170	911.442	912.715	918.757
21.0	901.584	905.082	906.036	908.580	914.305
21.5	896.814	900.312	901.902	903.174	909.534
22.0	891.725	895.860	897.450	898.722	905.400
22.5	887.273	890.135	892.361	894.269	900.630
23.0	881.867	885.047	887.273	889.181	895.542
23.5	876.142	879.641	882.503	884.411	890.771
24.0	870.418	874.234	877.096	879.323	885.683
24.5	865.648	868.828	872.008	873.916	879.959
25.0	860.241	863.422	866.920	868.828	874.870
25.5	854.199	858.015	860.877	863.740	868.828
26.0	848.475	851.973	855.789	858.333	864.058
26.5	842.432	845.931	850.383	852.609	858.651

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**CANDELA TABULATION - (Cont.)**

27.0	836.390	839.570	844.976	847.839	853.245
27.5	829.394	833.528	838.934	841.478	847.839
28.0	824.305	827.485	832.892	835.754	841.796
28.5	817.627	821.443	826.849	829.712	835.754
29.0	811.266	815.083	820.489	823.987	830.030
29.5	804.588	808.404	814.129	817.627	823.669
30.0	797.910	802.044	807.768	812.221	818.263
30.5	790.913	795.048	801.726	806.178	811.903
31.0	784.235	788.369	795.048	799.818	805.224
31.5	777.238	782.009	788.687	793.775	799.500
32.0	770.560	774.694	782.327	787.097	792.821
32.5	763.246	767.698	775.648	780.737	786.461
33.0	756.249	761.019	768.334	774.376	780.101
33.5	749.571	754.023	761.974	767.380	773.422
34.0	741.620	746.709	754.977	761.019	767.380
34.5	734.306	739.712	748.299	754.023	760.383
35.0	727.627	732.080	741.620	747.663	753.705
35.5	719.041	725.083	734.306	740.666	746.709
36.0	712.363	717.451	727.309	733.670	740.030
36.5	704.094	709.818	719.995	726.991	733.670
37.0	696.462	702.504	712.681	719.677	726.991
37.5	688.511	694.554	705.684	713.317	719.677
38.0	680.561	686.921	698.052	706.002	712.045
38.5	672.292	678.971	690.737	699.324	705.048
39.0	664.978	671.020	683.105	692.009	699.324
39.5	656.709	663.706	675.790	684.695	691.691
40.0	647.805	655.437	668.158	678.017	684.377
40.5	639.536	647.487	660.843	671.020	677.380
41.0	631.904	639.536	653.211	663.706	670.066
41.5	623.635	631.586	645.579	656.391	663.070
42.0	615.367	623.635	637.946	649.395	656.073
42.5	607.416	615.367	629.996	642.080	648.759
43.0	598.512	607.416	622.681	635.084	641.762
43.5	590.879	599.148	614.731	627.770	634.766
44.0	582.293	590.879	606.780	620.773	627.451
44.5	574.342	582.929	598.830	613.141	620.137
45.0	566.074	574.660	591.197	606.462	613.459
45.5	557.805	566.710	583.565	599.466	606.462
46.0	549.537	558.441	575.296	591.833	599.148
46.5	541.268	550.173	568.300	585.473	592.151
47.0	532.682	542.222	560.349	577.841	585.155
47.5	524.413	533.954	552.399	570.526	577.841
48.0	516.463	525.685	544.449	563.848	570.526
48.5	507.558	517.735	537.134	556.215	563.530
49.0	499.608	509.148	528.866	548.901	556.215
49.5	491.339	501.198	521.233	541.904	549.219
50.0	482.753	492.929	513.601	534.272	541.904
50.5	474.802	484.979	505.650	527.912	535.226
51.0	466.534	476.710	498.654	520.597	528.230
51.5	458.583	468.442	490.703	513.601	521.233
52.0	449.997	460.492	483.071	506.286	514.237
52.5	441.728	452.223	475.756	498.972	507.558
53.0	433.142	444.273	468.124	492.611	500.244
53.5	424.873	436.322	460.810	485.297	493.565
54.0	416.923	428.372	453.495	478.301	486.887
54.5	409.290	420.103	446.181	471.940	480.209

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**CANDELA TABULATION - (Cont.)**

55.0	401.340	412.471	438.866	464.626	474.166
55.5	394.662	404.520	431.552	457.947	466.852
56.0	387.029	397.524	424.555	451.269	460.173
56.5	379.079	390.209	417.241	444.591	453.813
57.0	371.446	382.895	410.245	437.912	447.135
57.5	363.496	375.262	404.202	431.552	439.820
58.0	355.545	367.630	397.206	424.555	434.414
58.5	347.913	359.998	390.209	418.513	428.054
59.0	340.280	352.365	383.531	413.107	421.375
59.5	332.648	345.051	377.489	406.428	416.287
60.0	325.015	337.418	370.810	400.068	409.926
60.5	317.542	330.104	364.132	394.026	403.566
61.0	310.037	322.789	357.453	387.983	397.524
61.5	302.595	315.538	350.775	381.941	391.799
62.0	295.281	308.351	344.415	376.216	385.757
62.5	288.062	301.228	337.736	370.492	380.033
63.0	280.747	294.136	331.376	364.450	374.944
63.5	273.496	287.139	325.333	358.725	369.220
64.0	266.436	280.238	318.973	352.683	363.496
64.5	259.408	273.496	312.931	346.959	357.771
65.0	252.443	266.723	306.857	341.234	352.365
65.5	245.574	260.108	300.846	335.510	346.641
66.0	238.610	253.493	294.899	329.786	341.234
66.5	231.804	247.037	288.984	324.379	335.828
67.0	225.157	240.645	283.101	318.655	330.422
67.5	218.479	234.348	277.344	313.312	325.015
68.0	211.896	228.210	271.620	307.906	319.927
68.5	205.408	222.104	266.023	302.659	314.616
69.0	198.953	216.062	260.489	297.380	309.591
69.5	192.592	210.147	255.019	292.259	304.599
70.0	186.264	204.327	249.645	287.235	299.638
70.5	180.094	198.571	244.270	282.210	294.740
71.0	173.988	192.879	238.991	277.249	289.906
71.5	167.946	187.313	233.839	272.415	285.136
72.0	162.031	181.716	228.687	267.613	280.493
72.5	156.084	176.310	223.663	262.906	275.881
73.0	150.296	170.935	218.670	258.263	271.238
73.5	144.667	165.624	213.836	253.652	266.723
74.0	139.102	160.472	208.938	249.200	262.175
74.5	133.632	155.289	204.264	244.779	257.882
75.0	128.193	150.232	199.621	240.454	253.716
75.5	122.851	145.303	195.041	236.161	249.486
76.0	117.667	140.469	190.589	231.899	245.352
76.5	112.515	135.699	186.168	227.733	241.217
77.0	107.427	130.960	181.811	223.599	237.210
77.5	102.434	126.349	177.518	219.592	233.235
78.0	97.505	121.833	173.352	215.649	229.324
78.5	92.671	117.381	169.218	211.673	225.444
79.0	87.932	113.056	165.211	207.825	221.627
79.5	83.226	108.762	161.267	204.073	217.811
80.0	78.582	104.533	157.324	200.352	214.186
80.5	74.067	100.430	153.508	196.599	210.497
81.0	69.678	96.392	149.851	192.974	206.903
81.5	65.226	92.448	146.193	189.380	203.310
82.0	60.932	88.600	142.632	185.914	199.843
82.5	56.735	84.816	139.133	182.448	196.440

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**CANDELA TABULATION - (Cont.)**

83.0	52.600	81.127	135.699	179.108	193.133
83.5	48.498	77.533	132.423	175.705	189.698
84.0	44.491	74.035	129.243	172.494	186.423
84.5	40.516	70.664	126.126	169.313	183.211
85.0	36.699	67.388	123.073	166.165	179.999
85.5	32.883	64.272	120.084	163.112	176.882
86.0	29.131	61.282	117.158	160.123	173.797
86.5	25.410	58.484	114.391	157.133	170.713
87.0	21.752	55.781	111.593	154.303	167.691
87.5	18.095	53.268	108.953	151.441	164.797
88.0	14.470	50.819	106.346	148.674	161.872
88.5	10.813	48.530	103.833	145.939	159.041
89.0	7.473	46.367	101.448	143.299	156.243
89.5	4.738	44.364	99.127	140.755	153.508
90.0	2.830	42.583	96.996	138.338	150.995
90.5	2.004	41.024	95.024	135.921	148.324
91.0	2.131	39.593	93.021	133.473	145.780
91.5	2.544	38.226	91.017	131.151	143.236
92.0	3.021	37.081	89.109	128.798	140.755
92.5	3.530	36.095	87.487	126.540	138.306
93.0	4.039	35.237	85.802	124.409	135.953
93.5	4.579	34.569	84.211	122.310	133.727
94.0	5.152	33.996	82.717	120.338	131.564
94.5	5.693	33.583	81.317	118.335	129.338
95.0	6.233	33.265	80.014	116.363	127.208
95.5	6.742	33.042	78.805	114.487	125.109
96.0	7.155	32.947	77.756	112.674	123.042
96.5	7.569	32.947	76.706	110.989	121.133
97.0	7.950	32.979	75.752	109.367	119.225
97.5	8.364	33.106	74.862	107.808	117.476
98.0	8.714	33.233	74.067	106.282	115.695
98.5	9.127	33.392	73.399	104.819	114.042
99.0	9.541	33.583	72.699	103.452	112.420
99.5	9.986	33.805	72.095	102.148	110.830
100.0	10.367	34.028	71.618	100.939	109.399
100.5	10.813	34.282	71.141	99.763	107.936
101.0	11.194	34.537	70.791	98.649	106.632
101.5	11.576	34.791	70.441	97.600	105.296
102.0	11.926	35.046	70.187	96.614	104.119
102.5	12.276	35.300	69.932	95.692	102.943
103.0	12.625	35.586	69.742	94.770	101.893
103.5	13.007	35.873	69.583	93.975	100.812
104.0	13.420	36.127	69.424	93.243	99.826
104.5	13.834	36.413	69.328	92.544	98.904
105.0	14.215	36.699	69.233	91.907	98.013
105.5	14.565	36.954	69.137	91.240	97.250
106.0	14.979	37.272	69.106	90.667	96.487
106.5	15.360	37.558	69.106	90.127	95.724
107.0	15.742	37.876	69.106	89.618	95.088
107.5	16.092	38.130	69.106	89.236	94.420
108.0	16.537	38.448	69.106	88.791	93.752
108.5	16.950	38.767	69.137	88.473	93.307
109.0	17.364	39.021	69.201	88.059	92.862
109.5	17.809	39.307	69.233	87.773	92.385
110.0	18.254	39.593	69.296	87.455	92.003
110.5	18.700	39.880	69.360	87.169	91.653

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**CANDELA TABULATION - (Cont.)**

111.0	19.145	40.166	69.392	86.915	91.271
111.5	19.590	40.420	69.424	86.724	90.953
112.0	20.067	40.706	69.487	86.533	90.572
112.5	20.544	40.993	69.551	86.310	90.222
113.0	21.053	41.279	69.646	86.151	90.063
113.5	21.530	41.533	69.646	85.992	89.840
114.0	22.039	41.788	69.710	85.865	89.618
114.5	22.516	42.074	69.773	85.706	89.427
115.0	23.025	42.297	69.837	85.611	89.268
115.5	23.533	42.583	69.837	85.515	89.109
116.0	24.010	42.837	69.932	85.388	88.918
116.5	24.456	43.092	69.996	85.261	88.855
117.0	24.964	43.378	70.060	85.261	88.695
117.5	25.442	43.600	70.123	85.134	88.600
118.0	25.855	43.823	70.187	85.070	88.473
118.5	26.332	44.046	70.219	84.975	88.441
119.0	26.745	44.268	70.282	84.879	88.250
119.5	27.191	44.427	70.346	84.784	88.218
120.0	27.604	44.586	70.314	84.720	88.059
120.5	28.017	44.777	70.346	84.593	88.028
121.0	28.431	44.904	70.409	84.498	87.900
121.5	28.876	45.063	70.378	84.370	87.837
122.0	29.290	45.254	70.378	84.307	87.741
122.5	29.703	45.445	70.409	84.180	87.519
123.0	30.116	45.636	70.378	84.052	87.487
123.5	30.498	45.795	70.314	83.957	87.296
124.0	30.816	45.922	70.314	83.862	87.264
124.5	31.134	46.049	70.314	83.703	87.137
125.0	31.452	46.208	70.250	83.544	87.010
125.5	31.770	46.304	70.187	83.448	86.851
126.0	32.056	46.431	70.155	83.257	86.724
126.5	32.311	46.590	70.091	83.130	86.628
127.0	32.597	46.653	70.028	82.971	86.501
127.5	32.820	46.749	69.932	82.812	86.279
128.0	33.106	46.749	69.901	82.621	86.151
128.5	33.328	46.812	69.773	82.462	86.024
129.0	33.551	46.876	69.646	82.303	85.865
129.5	33.742	46.971	69.424	82.049	85.674
130.0	33.901	47.035	69.201	81.890	85.484
130.5	34.060	47.099	68.947	81.699	85.261
131.0	34.155	47.194	68.692	81.413	85.038
131.5	34.282	47.289	68.438	81.158	84.816
132.0	34.410	47.385	68.151	80.999	84.625
132.5	34.473	47.417	67.833	80.681	84.339
133.0	34.569	47.448	67.706	80.395	83.989
133.5	34.600	47.417	67.515	80.173	83.830
134.0	34.632	47.353	67.388	79.918	83.607
134.5	34.728	47.226	67.229	79.632	83.194
135.0	34.823	47.130	67.038	79.250	82.876
135.5	34.791	46.876	66.879	78.996	82.621
136.0	34.855	46.844	66.657	78.678	82.303
136.5	34.918	46.749	66.498	78.328	81.985
137.0	34.950	46.590	66.243	78.042	81.635
137.5	34.982	46.431	66.021	77.660	81.317
138.0	35.046	46.335	65.703	77.342	80.936
138.5	35.046	46.208	65.289	76.992	80.650

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**PHOTOMETRIC FILENAME : 75W-3-L40-927-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

139.0	35.014	46.113	64.812	76.579	80.204
139.5	35.014	45.986	64.240	76.134	79.886
140.0	35.014	45.827	63.604	75.720	79.441
140.5	35.014	45.731	63.031	75.211	78.964
141.0	35.014	45.668	62.395	74.671	78.582
141.5	35.014	45.540	61.759	74.194	78.201
142.0	34.982	45.477	61.155	73.590	77.787
142.5	34.950	45.381	60.519	73.049	77.310
143.0	34.918	45.286	59.915	72.540	76.833
143.5	34.918	45.159	59.215	72.000	76.388
144.0	34.918	45.000	58.611	71.586	75.879
144.5	35.014	44.872	58.007	71.109	75.434
145.0	35.141	44.745	57.339	70.696	74.925
145.5	35.364	44.586	56.735	70.282	74.416
146.0	35.650	44.459	56.162	69.837	73.939
146.5	35.936	44.332	55.685	69.360	73.399
147.0	36.222	44.173	55.144	68.883	72.858
147.5	36.477	44.109	54.731	68.406	72.318
148.0	36.763	43.982	54.286	67.865	71.745
148.5	37.017	43.950	53.936	67.356	71.173
149.0	37.335	43.950	53.554	66.848	70.664
149.5	37.558	44.046	53.205	66.307	70.028
150.0	37.812	44.109	52.855	65.798	69.360
150.5	38.035	44.141	52.473	65.226	68.660
151.0	38.194	44.236	51.964	64.653	67.833
151.5	38.353	44.268	51.424	64.049	67.070
152.0	38.544	44.332	50.915	63.413	66.307
152.5	38.735	44.395	50.438	62.745	65.480
153.0	38.862	44.427	49.929	61.982	64.812
153.5	39.021	44.523	49.388	61.187	64.049
154.0	39.148	44.491	48.911	60.296	63.413
154.5	39.307	44.523	48.498	59.438	62.777
155.0	39.371	44.586	48.084	58.452	62.300
155.5	39.498	44.618	47.671	57.530	61.791
156.0	39.593	44.618	47.385	56.544	61.346
156.5	39.752	44.618	47.099	55.558	60.773
157.0	39.816	44.682	46.812	54.667	60.233
157.5	39.911	44.682	46.622	53.809	59.629
158.0	40.039	44.650	46.526	52.918	59.056
158.5	40.070	44.650	46.399	52.187	58.388
159.0	40.229	44.554	46.304	51.487	57.816
159.5	40.357	44.491	46.145	50.819	57.180
160.0	40.516	44.427	45.986	50.279	56.544
160.5	40.706	44.395	45.858	49.770	55.940
161.0	40.834	44.300	45.827	49.229	55.335
161.5	41.024	44.268	45.763	48.689	54.890
162.0	41.183	44.205	45.858	48.243	54.508
162.5	41.342	44.205	45.922	47.766	54.063
163.0	41.533	44.173	45.954	47.258	53.682
163.5	41.692	44.173	46.017	46.717	53.205
164.0	41.756	44.173	46.081	46.049	52.759
164.5	41.851	44.109	46.017	45.540	52.187
165.0	41.947	44.109	45.922	45.031	51.614
165.5	42.042	44.077	45.827	44.682	51.010
166.0	42.138	44.046	45.763	44.300	50.088
166.5	42.233	44.046	45.668	43.982	49.643

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-927-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	42.360	44.046	45.572	43.696	49.293
167.5	42.424	44.046	45.381	43.441	48.943
168.0	42.519	44.046	45.222	43.187	48.657
168.5	42.710	43.918	45.000	42.964	48.307
169.0	42.805	43.950	44.841	42.742	47.957
169.5	42.964	43.855	44.586	42.487	47.576
170.0	43.028	43.823	44.364	42.169	47.226
170.5	43.123	43.759	44.077	41.819	46.844
171.0	43.187	43.696	43.759	41.438	46.367
171.5	43.282	43.696	43.473	41.088	45.986
172.0	43.441	43.632	43.314	40.738	45.413
172.5	43.537	43.632	43.123	40.357	44.777
173.0	43.664	43.569	42.964	40.007	43.696
173.5	43.823	43.600	42.901	39.657	42.074
174.0	43.950	43.600	42.869	39.371	40.070
174.5	44.046	43.600	42.805	39.085	37.685
175.0	44.236	43.696	42.774	38.862	34.982
175.5	44.300	43.728	42.742	38.767	32.152
176.0	44.427	43.791	42.742	38.671	30.307
176.5	44.459	43.823	42.710	38.671	29.003
177.0	44.586	43.887	42.646	38.576	27.668
177.5	44.618	43.887	42.551	38.544	27.381
178.0	44.745	43.950	42.519	38.512	27.445
178.5	44.809	43.982	42.551	38.448	27.509
179.0	44.872	43.982	42.519	38.353	27.540
179.5	44.936	43.982	42.487	38.321	27.572
180.0	40.293	40.293	40.293	40.293	40.293



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-927-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	364.09	N.A.	11.70
0-30	762.90	N.A.	24.50
0-40	1225.49	N.A.	39.40
0-60	2073.98	N.A.	66.70
0-80	2583.8	N.A.	83.10
0-90	2712.02	N.A.	87.30
10-90	2617.1	N.A.	84.20
20-40	861.39	N.A.	27.70
20-50	1316.93	N.A.	42.40
40-70	1150.73	N.A.	37.00
60-80	509.83	N.A.	16.40
70-80	207.58	N.A.	6.70
80-90	128.22	N.A.	4.10
90-110	149.76	N.A.	4.80
90-120	212.81	N.A.	6.80
90-130	270.84	N.A.	8.70
90-150	355.56	N.A.	11.40
90-180	396.06	N.A.	12.70
110-180	246.30	N.A.	7.90
0-180	3108.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	94.92
10-20	269.17
20-30	398.80
30-40	462.59
40-50	455.54
50-60	392.95
60-70	302.24
70-80	207.58
80-90	128.22
90-100	82.15
100-110	67.61
110-120	63.05
120-130	58.03
130-140	48.76
140-150	35.96
150-160	23.51
160-170	12.95
170-180	4.04

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L40-927-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	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-L40-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

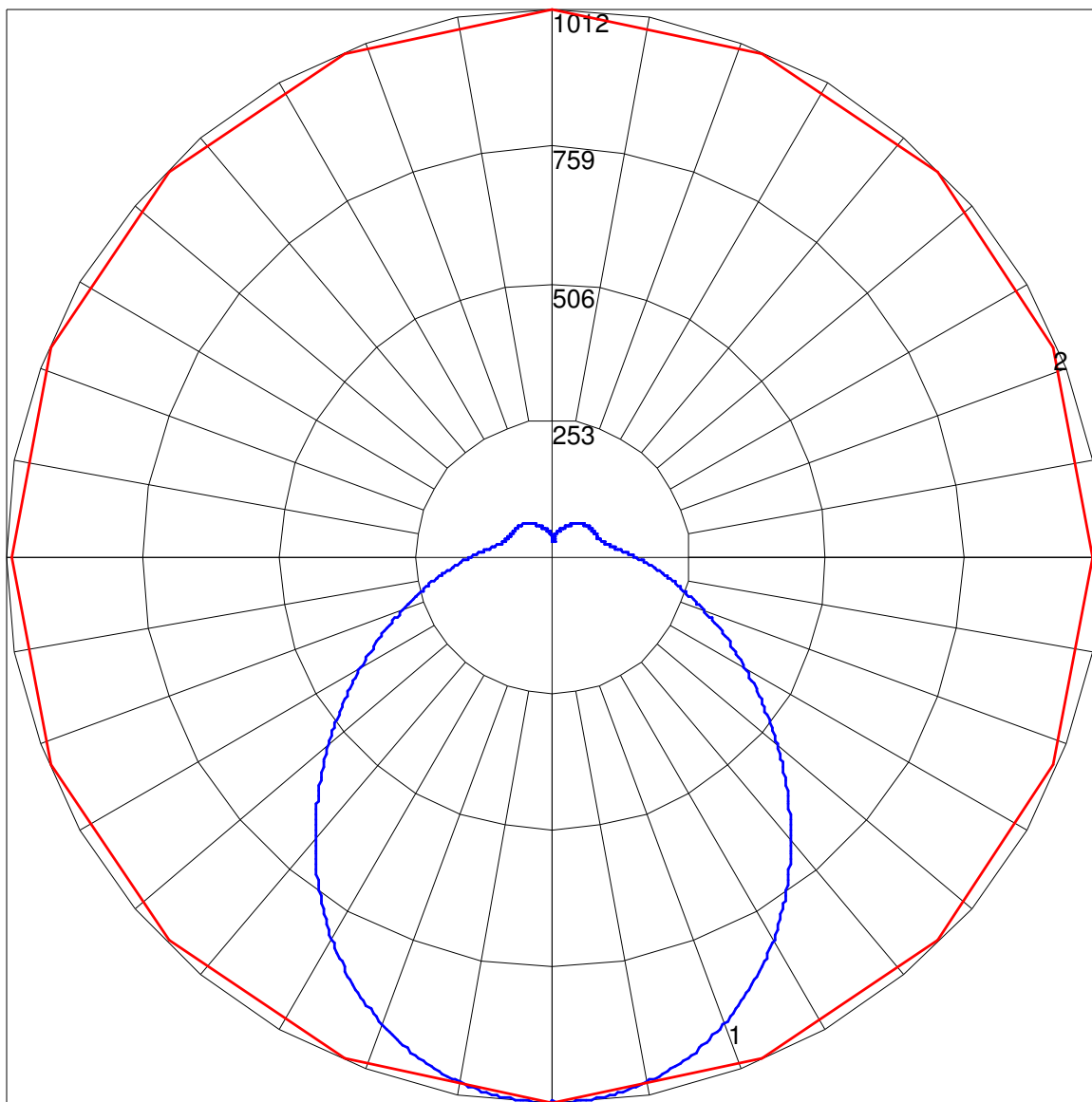
Reflectances

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	16.7	18.0	17.2	18.6	19.2	18.3	19.7	18.9	20.2	20.9
	3H	18.0	19.3	18.6	19.8	20.5	20.5	21.7	21.1	22.3	23.0
	4H	18.5	19.6	19.1	20.2	20.9	21.6	22.7	22.1	23.3	24.0
	6H	18.8	19.9	19.4	20.5	21.1	22.7	23.8	23.3	24.4	25.0
	8H	18.8	19.9	19.5	20.5	21.2	23.2	24.3	23.9	24.9	25.6
	12H	18.9	19.9	19.5	20.5	21.2	23.9	24.9	24.5	25.5	26.2
4H	2H	17.4	18.6	18.0	19.2	19.8	18.7	19.9	19.3	20.5	21.1
	3H	19.0	20.0	19.6	20.6	21.3	21.1	22.1	21.7	22.8	23.5
	4H	19.6	20.5	20.2	21.1	21.8	22.4	23.3	23.0	23.9	24.6
	6H	20.0	20.8	20.6	21.4	22.2	23.7	24.5	24.3	25.1	25.9
	8H	20.1	20.8	20.8	21.5	22.2	24.4	25.1	25.0	25.8	26.5
	12H	20.2	20.8	20.8	21.5	22.3	25.1	25.8	25.8	26.5	27.3
8H	4H	20.1	20.9	20.8	21.5	22.3	22.6	23.3	23.2	24.0	24.7
	6H	20.7	21.3	21.4	22.0	22.8	24.1	24.7	24.7	25.4	26.1
	8H	20.9	21.5	21.6	22.2	23.0	24.9	25.5	25.6	26.2	26.9
	12H	21.1	21.6	21.8	22.3	23.1	25.9	26.4	26.6	27.1	27.9
12H	4H	20.3	21.0	21.0	21.6	22.4	22.6	23.3	23.2	23.9	24.7
	6H	21.0	21.5	21.7	22.2	23.0	24.1	24.7	24.8	25.3	26.2
	8H	21.3	21.8	22.0	22.5	23.3	25.0	25.5	25.7	26.2	27.0

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 1011.936 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.)