

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L40-827-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-L40-827-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	3769
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	10888	9780	9726
55	9401	8360	8538
65	7865	7146	7609
75	6245	6222	7112
85	4403	6077	7514

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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	1219.647	1219.647	1219.647	1219.647	1219.647
0.5	1213.863	1218.490	1219.261	1218.876	1226.973
1.0	1213.863	1218.876	1218.876	1218.490	1226.588
1.5	1212.706	1218.876	1218.490	1218.104	1226.973
2.0	1212.320	1217.719	1218.490	1217.719	1225.816
2.5	1212.320	1217.719	1217.333	1217.333	1225.045
3.0	1211.164	1216.562	1216.562	1216.562	1224.274
3.5	1210.392	1215.405	1215.405	1215.791	1223.503
4.0	1209.621	1214.634	1214.634	1214.248	1222.732
4.5	1207.693	1213.477	1213.863	1213.477	1221.575
5.0	1206.536	1212.320	1212.320	1212.320	1220.418
5.5	1204.994	1210.778	1210.778	1211.164	1218.876
6.0	1204.223	1208.850	1209.236	1209.236	1217.333
6.5	1201.524	1207.308	1207.693	1207.693	1215.405
7.0	1199.981	1205.380	1205.765	1205.380	1213.863
7.5	1198.439	1203.066	1203.837	1203.837	1211.935
8.0	1196.511	1201.524	1201.524	1201.524	1209.236
8.5	1194.583	1198.824	1199.596	1199.596	1206.922
9.0	1191.498	1196.896	1197.282	1196.896	1204.223
9.5	1189.570	1194.197	1194.197	1194.197	1202.680
10.0	1186.485	1191.113	1191.113	1191.884	1199.596
10.5	1183.786	1188.413	1188.799	1188.799	1196.896
11.0	1181.087	1185.714	1186.100	1185.714	1193.812
11.5	1177.617	1182.629	1183.401	1182.629	1191.113
12.0	1174.532	1179.159	1179.930	1179.930	1187.642
12.5	1171.447	1175.689	1176.845	1176.074	1184.557
13.0	1167.977	1172.604	1173.375	1172.989	1181.087
13.5	1164.506	1168.748	1169.519	1169.519	1178.002
14.0	1160.265	1164.892	1165.663	1165.663	1173.761
14.5	1156.794	1161.036	1161.807	1161.807	1170.676
15.0	1153.324	1157.180	1157.565	1157.565	1166.049
15.5	1149.082	1152.553	1153.709	1153.709	1161.421
16.0	1144.455	1148.311	1149.468	1149.468	1157.565
16.5	1140.599	1143.684	1144.841	1145.226	1153.324
17.0	1135.201	1138.671	1140.214	1140.599	1148.697
17.5	1130.574	1134.044	1135.586	1135.972	1144.070
18.0	1126.332	1129.417	1130.574	1131.730	1139.828
18.5	1121.319	1124.790	1125.946	1126.718	1134.815
19.0	1116.306	1119.006	1120.934	1121.705	1129.417
19.5	1110.523	1114.378	1115.921	1117.463	1124.404
20.0	1104.353	1108.595	1110.523	1111.679	1119.006
20.5	1098.183	1103.582	1105.124	1106.667	1113.993
21.0	1093.171	1097.412	1098.569	1101.654	1108.595
21.5	1087.387	1091.628	1093.556	1095.099	1102.811
22.0	1081.217	1086.230	1088.158	1089.700	1097.798
22.5	1075.819	1079.289	1081.988	1084.302	1092.014
23.0	1069.264	1073.119	1075.819	1078.132	1085.844
23.5	1062.323	1066.564	1070.035	1072.348	1080.060
24.0	1055.382	1060.009	1063.480	1066.179	1073.891
24.5	1049.598	1053.454	1057.310	1059.624	1066.950
25.0	1043.043	1046.899	1051.140	1053.454	1060.780
25.5	1035.716	1040.344	1043.814	1047.284	1053.454
26.0	1028.776	1033.017	1037.644	1040.729	1047.670
26.5	1021.449	1025.691	1031.089	1033.788	1041.115

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CANDELA TABULATION - (Cont.)

27.0	1014.123	1017.979	1024.534	1028.005	1034.560
27.5	1005.640	1010.653	1017.208	1020.293	1028.005
28.0	999.470	1003.326	1009.881	1013.352	1020.678
28.5	991.373	996.000	1002.555	1006.025	1013.352
29.0	983.661	988.288	994.843	999.085	1006.411
29.5	975.563	980.190	987.131	991.373	998.699
30.0	967.466	972.478	979.419	984.818	992.144
30.5	958.982	963.995	972.093	977.491	984.432
31.0	950.885	955.898	963.995	969.779	976.334
31.5	942.402	948.186	956.283	962.453	969.394
32.0	934.304	939.317	948.571	954.355	961.296
32.5	925.435	930.834	940.474	946.643	953.584
33.0	916.952	922.736	931.605	938.931	945.872
33.5	908.855	914.253	923.893	930.448	937.775
34.0	899.215	905.384	915.410	922.736	930.448
34.5	890.346	896.901	907.312	914.253	921.965
35.0	882.248	887.647	899.215	906.541	913.867
35.5	871.837	879.164	890.346	898.058	905.384
36.0	863.740	869.909	881.863	889.575	897.287
36.5	853.714	860.655	872.994	881.477	889.575
37.0	844.460	851.786	864.125	872.608	881.477
37.5	834.820	842.146	855.642	864.897	872.608
38.0	825.180	832.892	846.388	856.028	863.354
38.5	815.154	823.252	837.519	847.930	854.871
39.0	806.286	813.612	828.265	839.061	847.930
39.5	796.260	804.743	819.396	830.193	838.676
40.0	785.463	794.718	810.142	822.095	829.807
40.5	775.438	785.078	801.273	813.612	821.324
41.0	766.183	775.438	792.018	804.743	812.455
41.5	756.158	765.798	782.764	795.874	803.972
42.0	746.132	756.158	773.510	787.391	795.489
42.5	736.492	746.132	763.870	778.523	786.620
43.0	725.696	736.492	755.001	770.039	778.137
43.5	716.441	726.467	745.361	761.171	769.654
44.0	706.030	716.441	735.721	752.687	760.785
44.5	696.390	706.801	726.081	743.433	751.916
45.0	686.365	696.776	716.827	735.336	743.819
45.5	676.339	687.136	707.573	726.852	735.336
46.0	666.314	677.110	697.547	717.598	726.467
46.5	656.288	667.085	689.064	709.886	717.984
47.0	645.877	657.445	679.424	700.632	709.500
47.5	635.851	647.419	669.784	691.763	700.632
48.0	626.211	637.394	660.144	683.665	691.763
48.5	615.415	627.754	651.275	674.411	683.280
49.0	605.775	617.343	641.250	665.542	674.411
49.5	595.749	607.703	631.995	657.059	665.928
50.0	585.338	597.677	622.741	647.805	657.059
50.5	575.698	588.037	613.101	640.093	648.962
51.0	565.672	578.012	604.618	631.224	640.478
51.5	556.032	567.986	594.978	622.741	631.995
52.0	545.621	558.346	585.724	613.872	623.512
52.5	535.596	548.320	576.855	605.003	615.415
53.0	525.185	538.681	567.600	597.291	606.546
53.5	515.159	529.041	558.732	588.423	598.448
54.0	505.519	519.401	549.863	579.940	590.351
54.5	496.265	509.375	540.994	572.228	582.253

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55.0	486.625	500.121	532.125	563.359	574.927
55.5	478.527	490.481	523.257	555.261	566.058
56.0	469.273	481.998	514.773	547.164	557.960
56.5	459.633	473.129	505.905	539.066	550.248
57.0	450.379	464.260	497.422	530.969	542.151
57.5	440.739	455.006	490.095	523.257	533.282
58.0	431.099	445.751	481.612	514.773	526.727
58.5	421.844	436.497	473.129	507.447	519.015
59.0	412.590	427.243	465.031	500.892	510.917
59.5	403.336	418.374	457.705	492.794	504.748
60.0	394.081	409.120	449.607	485.082	497.036
60.5	385.020	400.251	441.510	477.756	489.324
61.0	375.920	391.382	433.412	470.430	481.998
61.5	366.897	382.590	425.315	463.103	475.057
62.0	358.028	373.876	417.603	456.163	467.730
62.5	349.275	365.239	409.505	449.222	460.790
63.0	340.406	356.640	401.793	441.895	454.620
63.5	331.614	348.157	394.467	434.955	447.679
64.0	323.054	339.789	386.755	427.628	440.739
64.5	314.532	331.614	379.429	420.688	433.798
65.0	306.088	323.401	372.064	413.747	427.243
65.5	297.759	315.381	364.776	406.806	420.302
66.0	289.314	307.360	357.565	399.865	413.747
66.5	281.062	299.533	350.393	393.310	407.192
67.0	273.003	291.782	343.259	386.369	400.636
67.5	264.906	284.147	336.280	379.891	394.081
68.0	256.924	276.705	329.339	373.336	387.912
68.5	249.058	269.302	322.553	366.974	381.472
69.0	241.230	261.975	315.843	360.573	375.380
69.5	233.518	254.803	309.211	354.365	369.326
70.0	225.845	247.747	302.695	348.272	363.311
70.5	218.364	240.767	296.178	342.180	357.372
71.0	210.961	233.865	289.777	336.164	351.511
71.5	203.634	227.117	283.530	330.303	345.727
72.0	196.462	220.331	277.284	324.481	340.098
72.5	189.252	213.776	271.191	318.774	334.506
73.0	182.234	207.259	265.137	313.144	328.877
73.5	175.409	200.819	259.276	307.553	323.401
74.0	168.661	194.573	253.338	302.155	317.887
74.5	162.028	188.288	247.670	296.795	312.681
75.0	155.435	182.157	242.040	291.551	307.630
75.5	148.957	176.180	236.487	286.345	302.502
76.0	142.671	170.319	231.089	281.178	297.489
76.5	136.425	164.535	225.729	276.127	292.476
77.0	130.255	158.789	220.446	271.114	287.618
77.5	124.201	153.198	215.241	266.255	282.798
78.0	118.224	147.723	210.190	261.474	278.055
78.5	112.363	142.324	205.177	256.654	273.350
79.0	106.618	137.080	200.318	251.988	268.723
79.5	100.911	131.875	195.537	247.438	264.096
80.0	95.281	126.746	190.755	242.927	259.700
80.5	89.806	121.772	186.128	238.377	255.227
81.0	84.485	116.875	181.694	233.981	250.870
81.5	79.086	112.093	177.259	229.624	246.513
82.0	73.881	107.428	172.941	225.421	242.310
82.5	68.791	102.839	168.699	221.218	238.184

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83.0	63.778	98.366	164.535	217.169	234.174
83.5	58.804	94.009	160.563	213.043	230.009
84.0	53.945	89.767	156.707	209.148	226.038
84.5	49.125	85.680	152.928	205.292	222.143
85.0	44.498	81.708	149.226	201.475	218.249
85.5	39.871	77.929	145.602	197.773	214.470
86.0	35.321	74.305	142.054	194.149	210.729
86.5	30.809	70.911	138.700	190.524	206.989
87.0	26.375	67.634	135.306	187.092	203.326
87.5	21.941	64.588	132.106	183.622	199.817
88.0	17.545	61.619	128.944	180.267	196.269
88.5	13.110	58.842	125.898	176.951	192.838
89.0	9.062	56.220	123.006	173.751	189.444
89.5	5.745	53.791	120.191	170.666	186.128
90.0	3.432	51.632	117.607	167.735	183.082
90.5	2.429	49.742	115.217	164.805	179.843
91.0	2.584	48.007	112.787	161.836	176.758
91.5	3.085	46.349	110.358	159.021	173.673
92.0	3.663	44.961	108.045	156.167	170.666
92.5	4.280	43.765	106.078	153.429	167.697
93.0	4.897	42.724	104.034	150.846	164.843
93.5	5.553	41.915	102.106	148.301	162.144
94.0	6.247	41.220	100.294	145.910	159.522
94.5	6.902	40.719	98.597	143.481	156.823
95.0	7.558	40.334	97.016	141.090	154.239
95.5	8.175	40.064	95.551	138.815	151.694
96.0	8.676	39.948	94.279	136.617	149.188
96.5	9.177	39.948	93.006	134.574	146.874
97.0	9.640	39.987	91.849	132.607	144.561
97.5	10.141	40.141	90.770	130.718	142.440
98.0	10.565	40.295	89.806	128.867	140.281
98.5	11.067	40.488	88.996	127.093	138.275
99.0	11.568	40.719	88.148	125.435	136.309
99.5	12.108	40.989	87.415	123.854	134.381
100.0	12.570	41.259	86.837	122.389	132.646
100.5	13.110	41.567	86.258	120.962	130.872
101.0	13.573	41.876	85.834	119.613	129.291
101.5	14.036	42.184	85.410	118.340	127.672
102.0	14.460	42.493	85.101	117.145	126.245
102.5	14.884	42.801	84.793	116.026	124.818
103.0	15.308	43.148	84.562	114.908	123.546
103.5	15.771	43.495	84.369	113.944	122.235
104.0	16.272	43.804	84.176	113.057	121.039
104.5	16.774	44.151	84.060	112.209	119.921
105.0	17.236	44.498	83.945	111.438	118.841
105.5	17.660	44.806	83.829	110.628	117.916
106.0	18.162	45.192	83.790	109.934	116.990
106.5	18.624	45.539	83.790	109.278	116.065
107.0	19.087	45.925	83.790	108.662	115.294
107.5	19.511	46.233	83.790	108.199	114.484
108.0	20.051	46.619	83.790	107.659	113.674
108.5	20.552	47.004	83.829	107.273	113.134
109.0	21.054	47.313	83.906	106.772	112.595
109.5	21.593	47.660	83.945	106.425	112.016
110.0	22.133	48.007	84.022	106.039	111.554
110.5	22.673	48.354	84.099	105.692	111.129

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CANDELA TABULATION - (Cont.)

111.0	23.213	48.701	84.138	105.384	110.667
111.5	23.753	49.010	84.176	105.153	110.281
112.0	24.331	49.357	84.253	104.921	109.818
112.5	24.910	49.704	84.330	104.651	109.394
113.0	25.527	50.051	84.446	104.459	109.201
113.5	26.105	50.359	84.446	104.266	108.931
114.0	26.722	50.668	84.523	104.111	108.662
114.5	27.300	51.015	84.600	103.919	108.430
115.0	27.917	51.285	84.677	103.803	108.237
115.5	28.534	51.632	84.677	103.687	108.045
116.0	29.113	51.940	84.793	103.533	107.813
116.5	29.652	52.249	84.870	103.379	107.736
117.0	30.269	52.596	84.947	103.379	107.543
117.5	30.848	52.865	85.024	103.225	107.428
118.0	31.349	53.135	85.101	103.147	107.273
118.5	31.928	53.405	85.140	103.032	107.235
119.0	32.429	53.675	85.217	102.916	107.003
119.5	32.969	53.868	85.294	102.800	106.965
120.0	33.470	54.061	85.256	102.723	106.772
120.5	33.971	54.292	85.294	102.569	106.734
121.0	34.472	54.446	85.371	102.453	106.579
121.5	35.012	54.639	85.333	102.299	106.502
122.0	35.514	54.871	85.333	102.222	106.387
122.5	36.015	55.102	85.371	102.068	106.117
123.0	36.516	55.333	85.333	101.914	106.078
123.5	36.979	55.526	85.256	101.798	105.847
124.0	37.364	55.680	85.256	101.682	105.808
124.5	37.750	55.835	85.256	101.489	105.654
125.0	38.136	56.027	85.179	101.297	105.500
125.5	38.521	56.143	85.101	101.181	105.307
126.0	38.868	56.297	85.063	100.950	105.153
126.5	39.177	56.490	84.986	100.795	105.037
127.0	39.524	56.567	84.909	100.603	104.883
127.5	39.794	56.683	84.793	100.410	104.613
128.0	40.141	56.683	84.754	100.178	104.459
128.5	40.411	56.760	84.600	99.986	104.304
129.0	40.681	56.837	84.446	99.793	104.111
129.5	40.912	56.953	84.176	99.484	103.880
130.0	41.105	57.030	83.906	99.292	103.649
130.5	41.298	57.107	83.598	99.060	103.379
131.0	41.413	57.223	83.289	98.713	103.109
131.5	41.567	57.338	82.981	98.405	102.839
132.0	41.722	57.454	82.634	98.212	102.608
132.5	41.799	57.493	82.248	97.826	102.261
133.0	41.915	57.531	82.094	97.479	101.836
133.5	41.953	57.493	81.862	97.209	101.644
134.0	41.992	57.416	81.708	96.901	101.374
134.5	42.107	57.261	81.515	96.554	100.872
135.0	42.223	57.146	81.284	96.091	100.487
135.5	42.184	56.837	81.091	95.783	100.178
136.0	42.262	56.799	80.821	95.397	99.793
136.5	42.339	56.683	80.629	94.973	99.407
137.0	42.377	56.490	80.320	94.626	98.983
137.5	42.416	56.297	80.050	94.163	98.597
138.0	42.493	56.182	79.665	93.777	98.135
138.5	42.493	56.027	79.163	93.353	97.788

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	42.454	55.912	78.585	92.852	97.248
139.5	42.454	55.757	77.891	92.312	96.862
140.0	42.454	55.565	77.120	91.811	96.322
140.5	42.454	55.449	76.426	91.194	95.744
141.0	42.454	55.372	75.654	90.538	95.281
141.5	42.454	55.218	74.883	89.960	94.819
142.0	42.416	55.141	74.151	89.227	94.317
142.5	42.377	55.025	73.379	88.572	93.739
143.0	42.339	54.909	72.647	87.955	93.160
143.5	42.339	54.755	71.798	87.299	92.621
144.0	42.339	54.562	71.066	86.798	92.004
144.5	42.454	54.408	70.333	86.220	91.464
145.0	42.609	54.254	69.523	85.718	90.847
145.5	42.879	54.061	68.791	85.217	90.230
146.0	43.226	53.907	68.097	84.677	89.652
146.5	43.573	53.752	67.518	84.099	88.996
147.0	43.920	53.560	66.863	83.521	88.341
147.5	44.228	53.482	66.361	82.942	87.685
148.0	44.575	53.328	65.822	82.287	86.991
148.5	44.884	53.290	65.397	81.670	86.297
149.0	45.269	53.290	64.935	81.053	85.680
149.5	45.539	53.405	64.511	80.397	84.909
150.0	45.848	53.482	64.086	79.780	84.099
150.5	46.118	53.521	63.624	79.086	83.251
151.0	46.310	53.637	63.007	78.392	82.248
151.5	46.503	53.675	62.351	77.659	81.323
152.0	46.734	53.752	61.734	76.888	80.397
152.5	46.966	53.829	61.156	76.079	79.395
153.0	47.120	53.868	60.539	75.153	78.585
153.5	47.313	53.984	59.883	74.189	77.659
154.0	47.467	53.945	59.305	73.109	76.888
154.5	47.660	53.984	58.804	72.068	76.117
155.0	47.737	54.061	58.302	70.873	75.539
155.5	47.891	54.099	57.801	69.755	74.922
156.0	48.007	54.099	57.454	68.559	74.382
156.5	48.200	54.099	57.107	67.364	73.688
157.0	48.277	54.177	56.760	66.284	73.032
157.5	48.393	54.177	56.529	65.243	72.300
158.0	48.547	54.138	56.413	64.164	71.606
158.5	48.585	54.138	56.259	63.277	70.796
159.0	48.778	54.022	56.143	62.428	70.102
159.5	48.932	53.945	55.950	61.619	69.331
160.0	49.125	53.868	55.757	60.963	68.559
160.5	49.357	53.829	55.603	60.346	67.827
161.0	49.511	53.714	55.565	59.691	67.094
161.5	49.742	53.675	55.488	59.035	66.554
162.0	49.935	53.598	55.603	58.495	66.092
162.5	50.128	53.598	55.680	57.917	65.552
163.0	50.359	53.560	55.719	57.300	65.089
163.5	50.552	53.560	55.796	56.644	64.511
164.0	50.629	53.560	55.873	55.835	63.971
164.5	50.745	53.482	55.796	55.218	63.277
165.0	50.860	53.482	55.680	54.601	62.583
165.5	50.976	53.444	55.565	54.177	61.850
166.0	51.092	53.405	55.488	53.714	60.732
166.5	51.207	53.405	55.372	53.328	60.192

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	51.362	53.405	55.256	52.981	59.768
167.5	51.439	53.405	55.025	52.673	59.344
168.0	51.554	53.405	54.832	52.364	58.997
168.5	51.786	53.251	54.562	52.094	58.572
169.0	51.902	53.290	54.369	51.824	58.148
169.5	52.094	53.174	54.061	51.516	57.685
170.0	52.171	53.135	53.791	51.130	57.261
170.5	52.287	53.058	53.444	50.706	56.799
171.0	52.364	52.981	53.058	50.243	56.220
171.5	52.480	52.981	52.711	49.819	55.757
172.0	52.673	52.904	52.518	49.395	55.063
172.5	52.788	52.904	52.287	48.932	54.292
173.0	52.943	52.827	52.094	48.508	52.981
173.5	53.135	52.865	52.017	48.084	51.015
174.0	53.290	52.865	51.979	47.737	48.585
174.5	53.405	52.865	51.902	47.390	45.693
175.0	53.637	52.981	51.863	47.120	42.416
175.5	53.714	53.020	51.824	47.004	38.984
176.0	53.868	53.097	51.824	46.889	36.747
176.5	53.907	53.135	51.786	46.889	35.167
177.0	54.061	53.213	51.709	46.773	33.547
177.5	54.099	53.213	51.593	46.734	33.200
178.0	54.254	53.290	51.554	46.696	33.277
178.5	54.331	53.328	51.593	46.619	33.354
179.0	54.408	53.328	51.554	46.503	33.393
179.5	54.485	53.328	51.516	46.465	33.431
180.0	48.855	48.855	48.855	48.855	48.855

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L40-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	441.46	N.A.	11.70
0-30	925.01	N.A.	24.50
0-40	1485.9	N.A.	39.40
0-60	2514.7	N.A.	66.70
0-80	3132.86	N.A.	83.10
0-90	3288.33	N.A.	87.30
10-90	3173.24	N.A.	84.20
20-40	1044.44	N.A.	27.70
20-50	1596.78	N.A.	42.40
40-70	1395.27	N.A.	37.00
60-80	618.17	N.A.	16.40
70-80	251.69	N.A.	6.70
80-90	155.47	N.A.	4.10
90-110	181.59	N.A.	4.80
90-120	258.03	N.A.	6.80
90-130	328.39	N.A.	8.70
90-150	431.12	N.A.	11.40
90-180	480.22	N.A.	12.70
110-180	298.64	N.A.	7.90
0-180	3768.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	115.09
10-20	326.37
20-30	483.55
30-40	560.89
40-50	552.34
50-60	476.45
60-70	366.47
70-80	251.69
80-90	155.47
90-100	99.61
100-110	81.98
110-120	76.45
120-130	70.36
130-140	59.12
140-150	43.60
150-160	28.51
160-170	15.71
170-180	4.89

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L40-827-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	39	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-L40-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

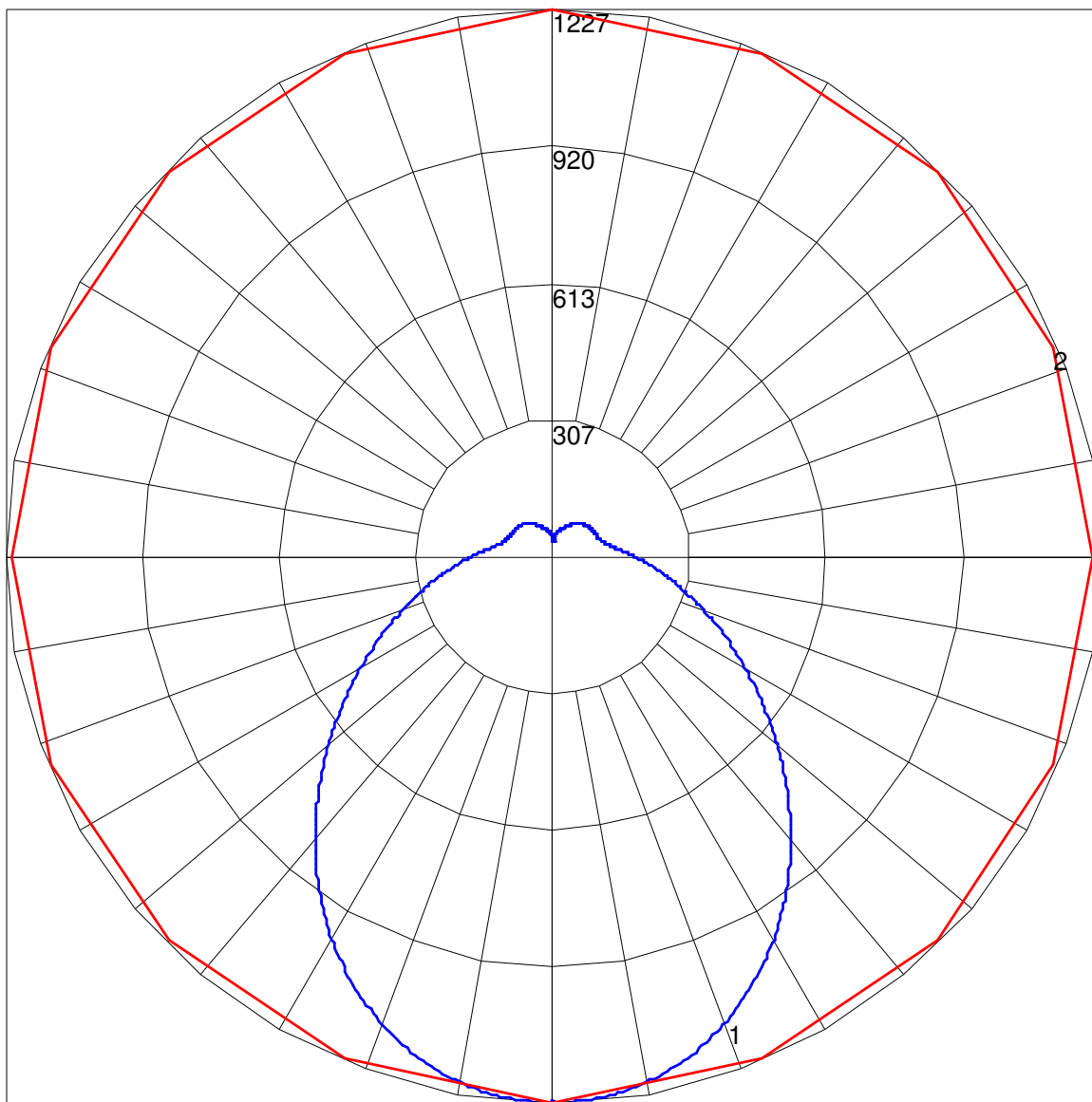
Reflectances

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	17.4	18.7	17.9	19.3	19.9	19.0	20.4	19.6	20.9	21.6
	3H	18.7	20.0	19.3	20.5	21.2	21.2	22.4	21.8	23.0	23.7
	4H	19.2	20.3	19.8	20.9	21.6	22.3	23.4	22.8	24.0	24.7
	6H	19.5	20.6	20.1	21.2	21.8	23.4	24.5	24.0	25.1	25.7
	8H	19.5	20.6	20.2	21.2	21.9	23.9	25.0	24.6	25.6	26.3
	12H	19.6	20.6	20.2	21.2	21.9	24.6	25.6	25.2	26.2	26.9
4H	2H	18.1	19.3	18.7	19.9	20.5	19.4	20.6	20.0	21.2	21.8
	3H	19.7	20.7	20.3	21.3	22.0	21.8	22.8	22.4	23.5	24.2
	4H	20.3	21.2	20.9	21.8	22.5	23.1	24.0	23.7	24.6	25.3
	6H	20.7	21.5	21.3	22.1	22.9	24.4	25.2	25.0	25.8	26.6
	8H	20.8	21.5	21.5	22.2	22.9	25.1	25.8	25.7	26.5	27.2
	12H	20.9	21.5	21.5	22.2	23.0	25.8	26.5	26.5	27.2	28.0
8H	4H	20.8	21.6	21.5	22.2	23.0	23.3	24.0	23.9	24.7	25.4
	6H	21.4	22.0	22.1	22.7	23.5	24.8	25.4	25.4	26.1	26.8
	8H	21.6	22.2	22.3	22.9	23.7	25.6	26.2	26.3	26.9	27.6
	12H	21.8	22.3	22.5	23.0	23.8	26.6	27.1	27.3	27.8	28.6
12H	4H	21.0	21.7	21.7	22.3	23.1	23.3	24.0	23.9	24.6	25.4
	6H	21.7	22.2	22.4	22.9	23.7	24.8	25.4	25.5	26.0	26.9
	8H	22.0	22.5	22.7	23.2	24.0	25.7	26.2	26.4	26.9	27.7

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 1226.973 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.)