

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L15-935-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-2-L15-935-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	1254
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	10.8
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	5328	4812	4826
55	4574	4102	4237
65	3791	3492	3776
75	2954	3021	3530
85	1943	2910	3729

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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	405.895	405.895	405.895	405.895	405.895
0.5	403.970	405.510	405.767	405.638	408.333
1.0	403.970	405.638	405.638	405.510	408.205
1.5	403.585	405.638	405.510	405.382	408.333
2.0	403.457	405.254	405.510	405.254	407.948
2.5	403.457	405.254	405.125	405.125	407.692
3.0	403.072	404.869	404.869	404.869	407.435
3.5	402.815	404.484	404.484	404.612	407.178
4.0	402.559	404.227	404.227	404.099	406.922
4.5	401.917	403.842	403.970	403.842	406.537
5.0	401.532	403.457	403.457	403.457	406.152
5.5	401.019	402.944	402.944	403.072	405.638
6.0	400.762	402.302	402.430	402.430	405.125
6.5	399.864	401.789	401.917	401.917	404.484
7.0	399.351	401.147	401.275	401.147	403.970
7.5	398.837	400.377	400.634	400.634	403.329
8.0	398.196	399.864	399.864	399.864	402.430
8.5	397.554	398.966	399.222	399.222	401.660
9.0	396.527	398.324	398.452	398.324	400.762
9.5	395.886	397.426	397.426	397.426	400.249
10.0	394.859	396.399	396.399	396.656	399.222
10.5	393.961	395.501	395.629	395.629	398.324
11.0	393.063	394.602	394.731	394.602	397.297
11.5	391.908	393.576	393.832	393.576	396.399
12.0	390.881	392.421	392.678	392.678	395.244
12.5	389.854	391.266	391.651	391.394	394.217
13.0	388.699	390.239	390.496	390.368	393.063
13.5	387.545	388.956	389.213	389.213	392.036
14.0	386.133	387.673	387.929	387.929	390.624
14.5	384.978	386.390	386.646	386.646	389.598
15.0	383.823	385.106	385.235	385.235	388.058
15.5	382.411	383.566	383.951	383.951	386.518
16.0	380.872	382.155	382.540	382.540	385.235
16.5	379.588	380.615	381.000	381.128	383.823
17.0	377.792	378.947	379.460	379.588	382.283
17.5	376.252	377.407	377.920	378.048	380.743
18.0	374.840	375.867	376.252	376.637	379.332
18.5	373.172	374.327	374.712	374.969	377.663
19.0	371.504	372.402	373.044	373.300	375.867
19.5	369.579	370.862	371.375	371.889	374.199
20.0	367.526	368.937	369.579	369.964	372.402
20.5	365.472	367.269	367.782	368.296	370.734
21.0	363.804	365.216	365.601	366.627	368.937
21.5	361.879	363.291	363.933	364.446	367.012
22.0	359.826	361.494	362.136	362.649	365.344
22.5	358.030	359.184	360.083	360.853	363.419
23.0	355.848	357.131	358.030	358.799	361.366
23.5	353.538	354.950	356.105	356.875	359.441
24.0	351.228	352.768	353.923	354.821	357.388
24.5	349.303	350.587	351.870	352.640	355.078
25.0	347.122	348.405	349.817	350.587	353.025
25.5	344.684	346.224	347.378	348.533	350.587
26.0	342.374	343.785	345.325	346.352	348.662
26.5	339.936	341.347	343.144	344.042	346.480

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CANDELA TABULATION - (Cont.)

27.0	337.497	338.781	340.962	342.117	344.299
27.5	334.674	336.342	338.524	339.551	342.117
28.0	332.621	333.904	336.086	337.241	339.679
28.5	329.926	331.466	333.648	334.803	337.241
29.0	327.360	328.900	331.081	332.493	334.931
29.5	324.665	326.205	328.515	329.926	332.364
30.0	321.970	323.638	325.948	327.745	330.183
30.5	319.147	320.815	323.510	325.306	327.616
31.0	316.452	318.120	320.815	322.740	324.921
31.5	313.629	315.554	318.248	320.302	322.612
32.0	310.934	312.602	315.682	317.607	319.917
32.5	307.982	309.779	312.987	315.040	317.350
33.0	305.159	307.084	310.036	312.474	314.784
33.5	302.464	304.261	307.469	309.651	312.089
34.0	299.256	301.309	304.646	307.084	309.651
34.5	296.305	298.486	301.951	304.261	306.827
35.0	293.610	295.406	299.256	301.694	304.133
35.5	290.145	292.583	296.305	298.871	301.309
36.0	287.450	289.503	293.482	296.048	298.615
36.5	284.114	286.424	290.530	293.353	296.048
37.0	281.034	283.472	287.579	290.402	293.353
37.5	277.826	280.264	284.755	287.835	290.402
38.0	274.618	277.184	281.676	284.884	287.322
38.5	271.281	273.976	278.724	282.189	284.499
39.0	268.330	270.768	275.644	279.237	282.189
39.5	264.993	267.816	272.693	276.286	279.109
40.0	261.400	264.480	269.613	273.591	276.158
40.5	258.064	261.272	266.661	270.768	273.334
41.0	254.984	258.064	263.582	267.816	270.383
41.5	251.647	254.855	260.502	264.865	267.560
42.0	248.311	251.647	257.422	262.042	264.737
42.5	245.103	248.311	254.214	259.090	261.785
43.0	241.510	245.103	251.262	256.267	258.962
43.5	238.430	241.766	248.054	253.316	256.139
44.0	234.965	238.430	244.846	250.492	253.187
44.5	231.757	235.222	241.638	247.413	250.236
45.0	228.420	231.885	238.558	244.718	247.541
45.5	225.084	228.677	235.478	241.895	244.718
46.0	221.747	225.340	232.142	238.815	241.766
46.5	218.411	222.004	229.319	236.248	238.943
47.0	214.946	218.796	226.110	233.168	236.120
47.5	211.610	215.459	222.902	230.217	233.168
48.0	208.401	212.123	219.694	227.522	230.217
48.5	204.808	208.915	216.743	224.442	227.394
49.0	201.600	205.450	213.406	221.491	224.442
49.5	198.264	202.242	210.326	218.668	221.619
50.0	194.799	198.905	207.246	215.588	218.668
50.5	191.591	195.697	204.038	213.021	215.973
51.0	188.254	192.361	201.215	210.070	213.149
51.5	185.046	189.024	198.007	207.246	210.326
52.0	181.581	185.816	194.927	204.295	207.503
52.5	178.245	182.480	191.976	201.343	204.808
53.0	174.780	179.271	188.896	198.777	201.857
53.5	171.444	176.063	185.944	195.825	199.162
54.0	168.235	172.855	182.993	193.002	196.467
54.5	165.156	169.519	180.041	190.436	193.772

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55.0	161.947	166.439	177.090	187.484	191.334
55.5	159.253	163.231	174.138	184.789	188.383
56.0	156.173	160.407	171.315	182.095	185.688
56.5	152.965	157.456	168.364	179.400	183.121
57.0	149.885	154.505	165.541	176.705	180.426
57.5	146.677	151.425	163.102	174.138	177.475
58.0	143.468	148.345	160.279	171.315	175.293
58.5	140.389	145.265	157.456	168.877	172.727
59.0	137.309	142.185	154.761	166.695	170.032
59.5	134.229	139.234	152.323	164.001	167.979
60.0	131.149	136.154	149.628	161.434	165.412
60.5	128.134	133.202	146.933	158.996	162.846
61.0	125.105	130.251	144.238	156.558	160.407
61.5	122.102	127.325	141.544	154.120	158.098
62.0	119.151	124.425	138.977	151.810	155.659
62.5	116.238	121.550	136.282	149.500	153.350
63.0	113.286	118.689	133.716	147.062	151.296
63.5	110.360	115.866	131.277	144.752	148.986
64.0	107.512	113.081	128.711	142.314	146.677
64.5	104.676	110.360	126.273	140.004	144.367
65.0	101.865	107.627	123.822	137.694	142.185
65.5	99.093	104.958	121.396	135.384	139.875
66.0	96.283	102.289	118.997	133.074	137.694
66.5	93.537	99.684	116.610	130.893	135.512
67.0	90.855	97.104	114.236	128.583	133.331
67.5	88.160	94.563	111.913	126.427	131.149
68.0	85.504	92.087	109.603	124.245	129.096
68.5	82.886	89.623	107.345	122.128	126.953
69.0	80.281	87.185	105.112	119.998	124.925
69.5	77.714	84.798	102.905	117.932	122.911
70.0	75.161	82.449	100.736	115.904	120.909
70.5	72.671	80.127	98.567	113.876	118.933
71.0	70.207	77.830	96.437	111.875	116.982
71.5	67.769	75.584	94.358	109.924	115.057
72.0	65.382	73.325	92.279	107.986	113.184
72.5	62.982	71.144	90.252	106.087	111.323
73.0	60.647	68.975	88.237	104.214	109.449
73.5	58.375	66.832	86.286	102.353	107.627
74.0	56.130	64.753	84.310	100.556	105.792
74.5	53.923	62.662	82.424	98.773	104.060
75.0	51.728	60.621	80.550	97.027	102.378
75.5	49.572	58.632	78.702	95.295	100.672
76.0	47.481	56.682	76.906	93.575	99.004
76.5	45.402	54.757	75.122	91.894	97.335
77.0	43.349	52.845	73.364	90.226	95.718
77.5	41.334	50.984	71.632	88.609	94.114
78.0	39.345	49.162	69.951	87.018	92.536
78.5	37.394	47.365	68.282	85.414	90.970
79.0	35.482	45.620	66.665	83.861	89.430
79.5	33.583	43.887	65.074	82.347	87.890
80.0	31.709	42.181	63.483	80.845	86.428
80.5	29.887	40.525	61.943	79.331	84.939
81.0	28.116	38.896	60.467	77.868	83.489
81.5	26.320	37.304	58.991	76.418	82.039
82.0	24.587	35.752	57.554	75.019	80.640
82.5	22.893	34.225	56.143	73.621	79.267

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CANDELA TABULATION - (Cont.)

83.0	21.225	32.736	54.757	72.273	77.932
83.5	19.570	31.286	53.435	70.900	76.546
84.0	17.953	29.874	52.152	69.604	75.225
84.5	16.349	28.514	50.894	68.321	73.929
85.0	14.809	27.192	49.662	67.050	72.633
85.5	13.269	25.935	48.456	65.818	71.375
86.0	11.755	24.728	47.275	64.612	70.130
86.5	10.253	23.599	46.159	63.406	68.885
87.0	8.777	22.508	45.030	62.264	67.666
87.5	7.302	21.495	43.964	61.109	66.499
88.0	5.839	20.506	42.912	59.992	65.318
88.5	4.363	19.583	41.898	58.889	64.176
89.0	3.016	18.710	40.936	57.824	63.047
89.5	1.912	17.901	39.999	56.797	61.943
90.0	1.142	17.183	39.139	55.822	60.929
90.5	0.808	16.554	38.344	54.847	59.851
91.0	0.860	15.977	37.535	53.858	58.825
91.5	1.027	15.425	36.727	52.922	57.798
92.0	1.219	14.963	35.957	51.972	56.797
92.5	1.424	14.565	35.302	51.061	55.809
93.0	1.630	14.219	34.622	50.201	54.859
93.5	1.848	13.949	33.981	49.354	53.961
94.0	2.079	13.718	33.378	48.559	53.088
94.5	2.297	13.551	32.813	47.750	52.190
95.0	2.515	13.423	32.287	46.954	51.330
95.5	2.721	13.333	31.799	46.197	50.483
96.0	2.887	13.295	31.376	45.466	49.649
96.5	3.054	13.295	30.952	44.786	48.879
97.0	3.208	13.307	30.567	44.131	48.109
97.5	3.375	13.359	30.208	43.503	47.404
98.0	3.516	13.410	29.887	42.887	46.685
98.5	3.683	13.474	29.618	42.296	46.018
99.0	3.850	13.551	29.335	41.744	45.363
99.5	4.029	13.641	29.092	41.218	44.722
100.0	4.183	13.731	28.899	40.731	44.144
100.5	4.363	13.834	28.707	40.256	43.554
101.0	4.517	13.936	28.565	39.807	43.028
101.5	4.671	14.039	28.424	39.383	42.489
102.0	4.812	14.142	28.322	38.985	42.014
102.5	4.953	14.244	28.219	38.613	41.539
103.0	5.095	14.360	28.142	38.241	41.116
103.5	5.249	14.475	28.078	37.920	40.679
104.0	5.415	14.578	28.014	37.625	40.282
104.5	5.582	14.693	27.975	37.343	39.909
105.0	5.736	14.809	27.937	37.086	39.550
105.5	5.877	14.911	27.898	36.817	39.242
106.0	6.044	15.040	27.885	36.586	38.934
106.5	6.198	15.155	27.885	36.368	38.626
107.0	6.352	15.284	27.885	36.162	38.369
107.5	6.493	15.386	27.885	36.008	38.100
108.0	6.673	15.515	27.885	35.829	37.831
108.5	6.840	15.643	27.898	35.700	37.651
109.0	7.007	15.746	27.924	35.533	37.471
109.5	7.186	15.861	27.937	35.418	37.279
110.0	7.366	15.977	27.962	35.290	37.125
110.5	7.546	16.092	27.988	35.174	36.984

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111.0	7.725	16.208	28.001	35.071	36.830
111.5	7.905	16.310	28.014	34.994	36.701
112.0	8.097	16.426	28.039	34.918	36.547
112.5	8.290	16.541	28.065	34.828	36.406
113.0	8.495	16.657	28.103	34.764	36.342
113.5	8.688	16.759	28.103	34.699	36.252
114.0	8.893	16.862	28.129	34.648	36.162
114.5	9.085	16.978	28.155	34.584	36.085
115.0	9.291	17.067	28.180	34.545	36.021
115.5	9.496	17.183	28.180	34.507	35.957
116.0	9.689	17.286	28.219	34.456	35.880
116.5	9.868	17.388	28.245	34.404	35.854
117.0	10.074	17.504	28.270	34.404	35.790
117.5	10.266	17.593	28.296	34.353	35.752
118.0	10.433	17.683	28.322	34.327	35.700
118.5	10.625	17.773	28.334	34.289	35.687
119.0	10.792	17.863	28.360	34.250	35.610
119.5	10.972	17.927	28.386	34.212	35.598
120.0	11.139	17.991	28.373	34.186	35.533
120.5	11.306	18.068	28.386	34.135	35.521
121.0	11.472	18.120	28.411	34.096	35.469
121.5	11.652	18.184	28.399	34.045	35.444
122.0	11.819	18.261	28.399	34.019	35.405
122.5	11.986	18.338	28.411	33.968	35.315
123.0	12.152	18.415	28.399	33.917	35.302
123.5	12.306	18.479	28.373	33.878	35.225
124.0	12.435	18.530	28.373	33.840	35.213
124.5	12.563	18.582	28.373	33.775	35.161
125.0	12.691	18.646	28.347	33.711	35.110
125.5	12.820	18.684	28.322	33.673	35.046
126.0	12.935	18.736	28.309	33.596	34.994
126.5	13.038	18.800	28.283	33.544	34.956
127.0	13.153	18.825	28.257	33.480	34.905
127.5	13.243	18.864	28.219	33.416	34.815
128.0	13.359	18.864	28.206	33.339	34.764
128.5	13.449	18.890	28.155	33.275	34.712
129.0	13.538	18.915	28.103	33.211	34.648
129.5	13.615	18.954	28.014	33.108	34.571
130.0	13.680	18.979	27.924	33.044	34.494
130.5	13.744	19.005	27.821	32.967	34.404
131.0	13.782	19.044	27.718	32.851	34.314
131.5	13.834	19.082	27.616	32.749	34.225
132.0	13.885	19.121	27.500	32.685	34.148
132.5	13.911	19.133	27.372	32.556	34.032
133.0	13.949	19.146	27.321	32.441	33.891
133.5	13.962	19.133	27.244	32.351	33.827
134.0	13.975	19.108	27.192	32.248	33.737
134.5	14.013	19.056	27.128	32.133	33.570
135.0	14.052	19.018	27.051	31.979	33.442
135.5	14.039	18.915	26.987	31.876	33.339
136.0	14.065	18.902	26.897	31.748	33.211
136.5	14.090	18.864	26.833	31.607	33.082
137.0	14.103	18.800	26.730	31.491	32.941
137.5	14.116	18.736	26.640	31.337	32.813
138.0	14.142	18.697	26.512	31.209	32.659
138.5	14.142	18.646	26.345	31.068	32.543

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139.0	14.129	18.607	26.153	30.901	32.364
139.5	14.129	18.556	25.922	30.721	32.235
140.0	14.129	18.492	25.665	30.554	32.056
140.5	14.129	18.453	25.434	30.349	31.863
141.0	14.129	18.428	25.178	30.131	31.709
141.5	14.129	18.376	24.921	29.938	31.555
142.0	14.116	18.351	24.677	29.695	31.389
142.5	14.103	18.312	24.420	29.476	31.196
143.0	14.090	18.274	24.177	29.271	31.004
143.5	14.090	18.222	23.894	29.053	30.824
144.0	14.090	18.158	23.650	28.886	30.619
144.5	14.129	18.107	23.407	28.694	30.439
145.0	14.180	18.055	23.137	28.527	30.234
145.5	14.270	17.991	22.893	28.360	30.028
146.0	14.385	17.940	22.662	28.180	29.836
146.5	14.501	17.889	22.470	27.988	29.618
147.0	14.616	17.824	22.252	27.795	29.399
147.5	14.719	17.799	22.085	27.603	29.181
148.0	14.834	17.747	21.905	27.385	28.950
148.5	14.937	17.735	21.764	27.179	28.719
149.0	15.065	17.735	21.610	26.974	28.514
149.5	15.155	17.773	21.469	26.756	28.257
150.0	15.258	17.799	21.328	26.551	27.988
150.5	15.348	17.812	21.174	26.320	27.706
151.0	15.412	17.850	20.968	26.089	27.372
151.5	15.476	17.863	20.750	25.845	27.064
152.0	15.553	17.889	20.545	25.588	26.756
152.5	15.630	17.914	20.353	25.319	26.422
153.0	15.681	17.927	20.147	25.011	26.153
153.5	15.746	17.966	19.929	24.690	25.845
154.0	15.797	17.953	19.737	24.331	25.588
154.5	15.861	17.966	19.570	23.984	25.332
155.0	15.887	17.991	19.403	23.586	25.139
155.5	15.938	18.004	19.236	23.214	24.934
156.0	15.977	18.004	19.121	22.816	24.754
156.5	16.041	18.004	19.005	22.419	24.523
157.0	16.066	18.030	18.890	22.059	24.305
157.5	16.105	18.030	18.813	21.713	24.061
158.0	16.156	18.017	18.774	21.353	23.830
158.5	16.169	18.017	18.723	21.058	23.561
159.0	16.233	17.978	18.684	20.776	23.330
159.5	16.285	17.953	18.620	20.506	23.073
160.0	16.349	17.927	18.556	20.288	22.816
160.5	16.426	17.914	18.505	20.083	22.573
161.0	16.477	17.876	18.492	19.865	22.329
161.5	16.554	17.863	18.466	19.647	22.149
162.0	16.618	17.837	18.505	19.467	21.995
162.5	16.682	17.837	18.530	19.275	21.815
163.0	16.759	17.824	18.543	19.069	21.661
163.5	16.824	17.824	18.569	18.851	21.469
164.0	16.849	17.824	18.594	18.582	21.289
164.5	16.888	17.799	18.569	18.376	21.058
165.0	16.926	17.799	18.530	18.171	20.827
165.5	16.965	17.786	18.492	18.030	20.583
166.0	17.003	17.773	18.466	17.876	20.211
166.5	17.042	17.773	18.428	17.747	20.032

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	17.093	17.773	18.389	17.632	19.891
167.5	17.119	17.773	18.312	17.529	19.749
168.0	17.157	17.773	18.248	17.427	19.634
168.5	17.234	17.722	18.158	17.337	19.493
169.0	17.273	17.735	18.094	17.247	19.352
169.5	17.337	17.696	17.991	17.144	19.198
170.0	17.363	17.683	17.901	17.016	19.056
170.5	17.401	17.658	17.786	16.875	18.902
171.0	17.427	17.632	17.658	16.721	18.710
171.5	17.465	17.632	17.542	16.580	18.556
172.0	17.529	17.606	17.478	16.439	18.325
172.5	17.568	17.606	17.401	16.285	18.068
173.0	17.619	17.581	17.337	16.143	17.632
173.5	17.683	17.593	17.311	16.002	16.978
174.0	17.735	17.593	17.298	15.887	16.169
174.5	17.773	17.593	17.273	15.771	15.207
175.0	17.850	17.632	17.260	15.681	14.116
175.5	17.876	17.645	17.247	15.643	12.974
176.0	17.927	17.670	17.247	15.604	12.229
176.5	17.940	17.683	17.234	15.604	11.703
177.0	17.991	17.709	17.209	15.566	11.164
177.5	18.004	17.709	17.170	15.553	11.049
178.0	18.055	17.735	17.157	15.540	11.075
178.5	18.081	17.747	17.170	15.515	11.100
179.0	18.107	17.747	17.157	15.476	11.113
179.5	18.132	17.747	17.144	15.463	11.126
180.0	16.259	16.259	16.259	16.259	16.259

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	146.92	N.A.	11.70
0-30	307.84	N.A.	24.50
0-40	494.50	N.A.	39.40
0-60	836.88	N.A.	66.70
0-80	1042.61	N.A.	83.10
0-90	1094.35	N.A.	87.30
10-90	1056.05	N.A.	84.20
20-40	347.59	N.A.	27.70
20-50	531.40	N.A.	42.40
40-70	464.34	N.A.	37.00
60-80	205.72	N.A.	16.40
70-80	83.76	N.A.	6.70
80-90	51.74	N.A.	4.10
90-110	60.43	N.A.	4.80
90-120	85.87	N.A.	6.80
90-130	109.29	N.A.	8.70
90-150	143.47	N.A.	11.40
90-180	159.82	N.A.	12.70
110-180	99.39	N.A.	7.90
0-180	1254.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	38.30
10-20	108.62
20-30	160.92
30-40	186.66
40-50	183.82
50-60	158.56
60-70	121.96
70-80	83.76
80-90	51.74
90-100	33.15
100-110	27.28
110-120	25.44
120-130	23.41
130-140	19.68
140-150	14.51
150-160	9.49
160-170	5.23
170-180	1.63

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-935-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	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-L15-935-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

X=2H	Y=2H	14.9	16.3	15.5	16.9	17.5	16.5	17.9	17.1	18.5	19.1
	3H	16.3	17.5	16.9	18.1	18.8	18.7	19.9	19.3	20.5	21.2
	4H	16.7	17.9	17.3	18.5	19.2	19.7	20.9	20.3	21.5	22.2
	6H	17.0	18.1	17.6	18.7	19.4	20.8	21.9	21.4	22.5	23.2
	8H	17.1	18.2	17.7	18.8	19.5	21.4	22.4	22.0	23.0	23.7
	12H	17.2	18.1	17.8	18.8	19.5	22.0	23.0	22.6	23.6	24.3

UGR Viewed Endwise

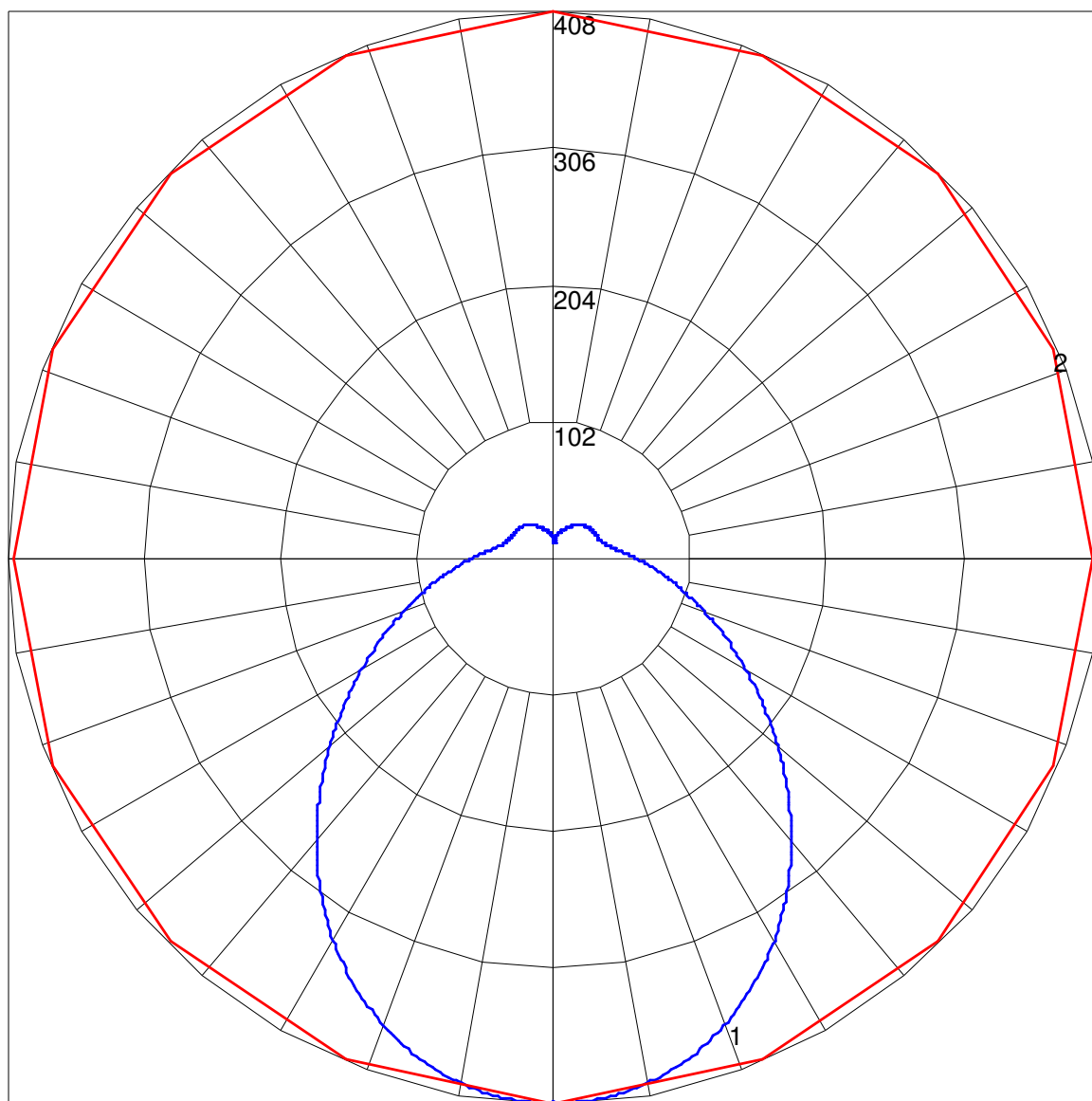
4H	2H	15.7	16.8	16.3	17.4	18.1	16.9	18.1	17.5	18.7	19.4
	3H	17.3	18.3	17.9	18.9	19.6	19.3	20.3	20.0	21.0	21.7
	4H	17.8	18.7	18.5	19.4	20.1	20.6	21.5	21.2	22.1	22.8
	6H	18.2	19.0	18.9	19.7	20.4	21.8	22.6	22.5	23.3	24.0
	8H	18.4	19.1	19.0	19.8	20.5	22.5	23.3	23.2	23.9	24.7
	12H	18.4	19.1	19.1	19.8	20.5	23.3	23.9	23.9	24.6	25.4

8H	4H	18.4	19.1	19.0	19.8	20.5	20.8	21.5	21.4	22.2	22.9
	6H	19.0	19.6	19.6	20.3	21.0	22.2	22.9	22.9	23.6	24.3
	8H	19.2	19.7	19.9	20.4	21.2	23.0	23.6	23.7	24.3	25.1
	12H	19.3	19.8	20.0	20.5	21.3	24.0	24.5	24.7	25.2	26.0

12H	4H	18.5	19.2	19.2	19.9	20.6	20.8	21.4	21.4	22.1	22.9
	6H	19.2	19.8	19.9	20.5	21.3	22.3	22.8	23.0	23.5	24.3
	8H	19.5	20.0	20.2	20.7	21.5	23.2	23.7	23.9	24.3	25.2

Maximum UGR = 26.0

POLAR GRAPH



Maximum Candela = 408.333 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.)