

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L15-950-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-L15-950-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	1345
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	5713	5160	5175
55	4904	4398	4543
65	4066	3744	4049
75	3168	3239	3785
85	2084	3121	3999

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	435.237	435.237	435.237	435.237	435.237
0.5	433.173	434.824	435.099	434.962	437.851
1.0	433.173	434.962	434.962	434.824	437.714
1.5	432.760	434.962	434.824	434.687	437.851
2.0	432.623	434.549	434.824	434.549	437.439
2.5	432.623	434.549	434.411	434.411	437.163
3.0	432.210	434.136	434.136	434.136	436.888
3.5	431.935	433.723	433.723	433.861	436.613
4.0	431.659	433.448	433.448	433.311	436.338
4.5	430.971	433.035	433.173	433.035	435.925
5.0	430.559	432.623	432.623	432.623	435.512
5.5	430.008	432.072	432.072	432.210	434.962
6.0	429.733	431.384	431.522	431.522	434.411
6.5	428.770	430.834	430.971	430.971	433.723
7.0	428.219	430.146	430.283	430.146	433.173
7.5	427.669	429.320	429.595	429.595	432.485
8.0	426.981	428.770	428.770	428.770	431.522
8.5	426.293	427.806	428.082	428.082	430.696
9.0	425.192	427.118	427.256	427.118	429.733
9.5	424.504	426.155	426.155	426.155	429.183
10.0	423.403	425.054	425.054	425.330	428.082
10.5	422.440	424.091	424.229	424.229	427.118
11.0	421.477	423.128	423.266	423.128	426.018
11.5	420.238	422.027	422.302	422.027	425.054
12.0	419.138	420.789	421.064	421.064	423.816
12.5	418.037	419.550	419.963	419.688	422.715
13.0	416.798	418.449	418.725	418.587	421.477
13.5	415.560	417.073	417.349	417.349	420.376
14.0	414.046	415.697	415.973	415.973	418.862
14.5	412.808	414.321	414.597	414.597	417.761
15.0	411.569	412.945	413.083	413.083	416.110
15.5	410.056	411.294	411.707	411.707	414.459
16.0	408.405	409.781	410.193	410.193	413.083
16.5	407.028	408.129	408.542	408.680	411.569
17.0	405.102	406.340	406.891	407.028	409.918
17.5	403.451	404.689	405.240	405.377	408.267
18.0	401.937	403.038	403.451	403.864	406.753
18.5	400.148	401.387	401.800	402.075	404.964
19.0	398.360	399.323	400.011	400.286	403.038
19.5	396.295	397.672	398.222	398.772	401.249
20.0	394.094	395.607	396.295	396.708	399.323
20.5	391.892	393.819	394.369	394.919	397.534
21.0	390.103	391.617	392.030	393.131	395.607
21.5	388.039	389.553	390.241	390.791	393.543
22.0	385.838	387.627	388.315	388.865	391.755
22.5	383.911	385.150	386.113	386.939	389.691
23.0	381.572	382.948	383.911	384.737	387.489
23.5	379.095	380.609	381.847	382.673	385.425
24.0	376.618	378.270	379.508	380.471	383.223
24.5	374.554	375.930	377.306	378.132	380.746
25.0	372.215	373.591	375.105	375.930	378.545
25.5	369.601	371.252	372.490	373.729	375.930
26.0	367.124	368.637	370.289	371.389	373.866
26.5	364.509	366.023	367.949	368.913	371.527

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	361.895	363.271	365.610	366.849	369.188
27.5	358.868	360.656	362.996	364.096	366.849
28.0	356.666	358.042	360.381	361.620	364.234
28.5	353.776	355.428	357.767	359.005	361.620
29.0	351.024	352.675	355.015	356.528	359.143
29.5	348.135	349.786	352.263	353.776	356.391
30.0	345.245	347.034	349.511	351.437	354.051
30.5	342.218	344.006	346.896	348.823	351.299
31.0	339.328	341.117	344.006	346.071	348.410
31.5	336.301	338.365	341.254	343.456	345.933
32.0	333.411	335.200	338.502	340.566	343.043
32.5	330.246	332.173	335.613	337.814	340.291
33.0	327.219	329.283	332.448	335.062	337.539
33.5	324.329	326.256	329.696	332.035	334.650
34.0	320.889	323.091	326.669	329.283	332.035
34.5	317.724	320.064	323.779	326.256	329.008
35.0	314.835	316.761	320.889	323.504	326.118
35.5	311.119	313.734	317.724	320.476	323.091
36.0	308.230	310.431	314.697	317.449	320.201
36.5	304.652	307.129	311.532	314.560	317.449
37.0	301.350	303.964	308.367	311.395	314.560
37.5	297.910	300.524	305.340	308.643	311.395
38.0	294.470	297.222	302.038	305.478	308.092
38.5	290.892	293.782	298.873	302.588	305.065
39.0	287.727	290.341	295.570	299.423	302.588
39.5	284.149	287.177	292.406	296.258	299.286
40.0	280.296	283.599	289.103	293.369	296.121
40.5	276.719	280.159	285.938	290.341	293.094
41.0	273.416	276.719	282.636	287.177	289.929
41.5	269.839	273.279	279.333	284.012	286.901
42.0	266.261	269.839	276.031	280.985	283.874
42.5	262.821	266.261	272.591	277.820	280.709
43.0	258.968	262.821	269.426	274.792	277.682
43.5	255.666	259.243	265.986	271.628	274.655
44.0	251.950	255.666	262.546	268.600	271.490
44.5	248.510	252.226	259.106	265.298	268.325
45.0	244.933	248.648	255.803	262.408	265.435
45.5	241.355	245.208	252.501	259.381	262.408
46.0	237.777	241.630	248.923	256.078	259.243
46.5	234.200	238.052	245.896	253.326	256.216
47.0	230.484	234.612	242.456	250.024	253.189
47.5	226.907	231.035	239.016	246.859	250.024
48.0	223.467	227.457	235.576	243.969	246.859
48.5	219.614	224.017	232.411	240.667	243.832
49.0	216.174	220.302	228.833	237.502	240.667
49.5	212.596	216.862	225.531	234.475	237.640
50.0	208.881	213.284	222.228	231.172	234.475
50.5	205.441	209.844	218.788	228.420	231.585
51.0	201.863	206.266	215.761	225.255	228.558
51.5	198.423	202.689	212.321	222.228	225.531
52.0	194.708	199.249	209.018	219.063	222.503
52.5	191.130	195.671	205.853	215.898	219.614
53.0	187.415	192.231	202.551	213.146	216.449
53.5	183.837	188.791	199.386	209.982	213.559
54.0	180.397	185.351	196.221	206.954	210.670
54.5	177.095	181.773	193.056	204.202	207.780

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	173.654	178.471	189.892	201.037	205.165
55.5	170.765	175.031	186.727	198.148	202.001
56.0	167.462	172.003	183.699	195.258	199.111
56.5	164.022	168.838	180.535	192.368	196.359
57.0	160.720	165.674	177.507	189.479	193.469
57.5	157.280	162.371	174.893	186.727	190.304
58.0	153.840	159.069	171.866	183.699	187.965
58.5	150.537	155.766	168.838	181.085	185.213
59.0	147.235	152.464	165.949	178.746	182.323
59.5	143.932	149.299	163.334	175.856	180.122
60.0	140.630	145.996	160.445	173.104	177.370
60.5	137.396	142.831	157.555	170.490	174.618
61.0	134.149	139.667	154.665	167.875	172.003
61.5	130.929	136.529	151.776	165.261	169.526
62.0	127.764	133.419	149.024	162.784	166.912
62.5	124.640	130.337	146.134	160.307	164.435
63.0	121.476	127.269	143.382	157.693	162.233
63.5	118.338	124.241	140.767	155.216	159.757
64.0	115.283	121.255	138.015	152.601	157.280
64.5	112.242	118.338	135.401	150.124	154.803
65.0	109.229	115.407	132.773	147.648	152.464
65.5	106.257	112.545	130.172	145.171	149.987
66.0	103.243	109.683	127.599	142.694	147.648
66.5	100.299	106.890	125.039	140.355	145.308
67.0	97.423	104.124	122.494	137.878	142.969
67.5	94.533	101.399	120.003	135.566	140.630
68.0	91.685	98.744	117.526	133.227	138.428
68.5	88.878	96.102	115.105	130.956	136.130
69.0	86.084	93.487	112.710	128.672	133.956
69.5	83.332	90.928	110.344	126.457	131.796
70.0	80.594	88.410	108.018	124.283	129.649
70.5	77.924	85.919	105.693	122.109	127.530
71.0	75.282	83.456	103.408	119.962	125.439
71.5	72.668	81.048	101.179	117.870	123.374
72.0	70.109	78.626	98.950	115.793	121.365
72.5	67.535	76.287	96.776	113.756	119.370
73.0	65.031	73.961	94.616	111.747	117.361
73.5	62.595	71.663	92.524	109.752	115.407
74.0	60.187	69.434	90.405	107.825	113.440
74.5	57.821	67.191	88.382	105.913	111.582
75.0	55.468	65.003	86.373	104.041	109.779
75.5	53.156	62.871	84.392	102.184	107.949
76.0	50.913	60.779	82.465	100.340	106.160
76.5	48.684	58.715	80.553	98.537	104.372
77.0	46.482	56.665	78.667	96.748	102.638
77.5	44.322	54.670	76.810	95.015	100.918
78.0	42.189	52.716	75.007	93.308	99.225
78.5	40.097	50.789	73.218	91.588	97.546
79.0	38.047	48.918	71.485	89.923	95.895
79.5	36.011	47.060	69.778	88.300	94.244
80.0	34.002	45.230	68.072	86.690	92.675
80.5	32.048	43.455	66.421	85.066	91.079
81.0	30.149	41.707	64.838	83.497	89.524
81.5	28.222	40.001	63.256	81.942	87.969
82.0	26.365	38.336	61.715	80.442	86.469
82.5	24.548	36.699	60.201	78.943	84.997

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	22.759	35.102	58.715	77.498	83.566
83.5	20.984	33.548	57.298	76.025	82.080
84.0	19.251	32.034	55.922	74.636	80.663
84.5	17.531	30.575	54.573	73.260	79.273
85.0	15.879	29.158	53.252	71.897	77.883
85.5	14.228	27.809	51.959	70.576	76.535
86.0	12.604	26.516	50.693	69.283	75.200
86.5	10.994	25.305	49.496	67.989	73.865
87.0	9.412	24.135	48.285	66.765	72.558
87.5	7.830	23.048	47.143	65.526	71.306
88.0	6.261	21.989	46.014	64.329	70.040
88.5	4.678	20.998	44.927	63.146	68.815
89.0	3.234	20.062	43.895	62.004	67.604
89.5	2.050	19.196	42.891	60.903	66.421
90.0	1.225	18.425	41.969	59.857	65.334
90.5	0.867	17.751	41.116	58.811	64.178
91.0	0.922	17.132	40.249	57.752	63.077
91.5	1.101	16.540	39.382	56.747	61.976
92.0	1.307	16.044	38.556	55.729	60.903
92.5	1.527	15.618	37.854	54.752	59.843
93.0	1.748	15.246	37.125	53.830	58.825
93.5	1.981	14.957	36.437	52.922	57.862
94.0	2.229	14.710	35.790	52.069	56.926
94.5	2.463	14.531	35.185	51.202	55.963
95.0	2.697	14.393	34.621	50.349	55.041
95.5	2.917	14.297	34.098	49.537	54.133
96.0	3.096	14.256	33.644	48.753	53.238
96.5	3.275	14.256	33.190	48.023	52.413
97.0	3.440	14.269	32.777	47.322	51.587
97.5	3.619	14.324	32.392	46.647	50.830
98.0	3.770	14.379	32.048	45.987	50.060
98.5	3.949	14.448	31.759	45.354	49.344
99.0	4.128	14.531	31.456	44.762	48.643
99.5	4.321	14.627	31.195	44.198	47.955
100.0	4.486	14.723	30.988	43.675	47.335
100.5	4.678	14.834	30.782	43.166	46.702
101.0	4.844	14.944	30.630	42.684	46.138
101.5	5.009	15.054	30.479	42.230	45.560
102.0	5.160	15.164	30.369	41.804	45.051
102.5	5.311	15.274	30.259	41.405	44.542
103.0	5.463	15.398	30.176	41.006	44.088
103.5	5.628	15.522	30.107	40.662	43.620
104.0	5.807	15.632	30.039	40.345	43.193
104.5	5.986	15.755	29.997	40.042	42.794
105.0	6.151	15.879	29.956	39.767	42.409
105.5	6.302	15.989	29.915	39.478	42.079
106.0	6.481	16.127	29.901	39.231	41.749
106.5	6.646	16.251	29.901	38.997	41.418
107.0	6.811	16.388	29.901	38.776	41.143
107.5	6.963	16.499	29.901	38.611	40.854
108.0	7.155	16.636	29.901	38.419	40.565
108.5	7.334	16.774	29.915	38.281	40.373
109.0	7.513	16.884	29.942	38.102	40.180
109.5	7.706	17.008	29.956	37.978	39.974
110.0	7.898	17.132	29.984	37.841	39.808
110.5	8.091	17.255	30.011	37.717	39.657

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	8.284	17.379	30.025	37.607	39.492
111.5	8.476	17.489	30.039	37.524	39.354
112.0	8.683	17.613	30.066	37.442	39.189
112.5	8.889	17.737	30.094	37.345	39.038
113.0	9.109	17.861	30.135	37.277	38.969
113.5	9.316	17.971	30.135	37.208	38.873
114.0	9.536	18.081	30.162	37.153	38.776
114.5	9.742	18.205	30.190	37.084	38.694
115.0	9.962	18.301	30.218	37.043	38.625
115.5	10.183	18.425	30.218	37.001	38.556
116.0	10.389	18.535	30.259	36.946	38.474
116.5	10.582	18.645	30.286	36.891	38.446
117.0	10.802	18.769	30.314	36.891	38.377
117.5	11.008	18.865	30.341	36.836	38.336
118.0	11.187	18.962	30.369	36.809	38.281
118.5	11.393	19.058	30.383	36.767	38.267
119.0	11.572	19.154	30.410	36.726	38.185
119.5	11.765	19.223	30.438	36.685	38.171
120.0	11.944	19.292	30.424	36.657	38.102
120.5	12.123	19.374	30.438	36.602	38.088
121.0	12.302	19.429	30.465	36.561	38.033
121.5	12.494	19.498	30.451	36.506	38.006
122.0	12.673	19.581	30.451	36.478	37.965
122.5	12.852	19.663	30.465	36.423	37.868
123.0	13.031	19.746	30.451	36.368	37.854
123.5	13.196	19.815	30.424	36.327	37.772
124.0	13.334	19.870	30.424	36.286	37.758
124.5	13.471	19.925	30.424	36.217	37.703
125.0	13.609	19.994	30.396	36.148	37.648
125.5	13.746	20.035	30.369	36.107	37.579
126.0	13.870	20.090	30.355	36.024	37.524
126.5	13.980	20.159	30.328	35.969	37.483
127.0	14.104	20.186	30.300	35.901	37.428
127.5	14.201	20.228	30.259	35.832	37.332
128.0	14.324	20.228	30.245	35.749	37.277
128.5	14.421	20.255	30.190	35.680	37.222
129.0	14.517	20.283	30.135	35.612	37.153
129.5	14.600	20.324	30.039	35.501	37.070
130.0	14.668	20.351	29.942	35.433	36.988
130.5	14.737	20.379	29.832	35.350	36.891
131.0	14.779	20.420	29.722	35.226	36.795
131.5	14.834	20.462	29.612	35.116	36.699
132.0	14.889	20.503	29.488	35.047	36.616
132.5	14.916	20.517	29.351	34.910	36.492
133.0	14.957	20.530	29.296	34.786	36.341
133.5	14.971	20.517	29.213	34.690	36.272
134.0	14.985	20.489	29.158	34.580	36.176
134.5	15.026	20.434	29.089	34.456	35.997
135.0	15.067	20.393	29.007	34.291	35.859
135.5	15.054	20.283	28.938	34.180	35.749
136.0	15.081	20.269	28.842	34.043	35.612
136.5	15.109	20.228	28.773	33.892	35.474
137.0	15.123	20.159	28.663	33.768	35.323
137.5	15.136	20.090	28.566	33.603	35.185
138.0	15.164	20.049	28.429	33.465	35.020
138.5	15.164	19.994	28.250	33.314	34.896

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	15.150	19.952	28.043	33.135	34.703
139.5	15.150	19.897	27.796	32.942	34.566
140.0	15.150	19.829	27.521	32.763	34.373
140.5	15.150	19.787	27.273	32.543	34.167
141.0	15.150	19.760	26.998	32.309	34.002
141.5	15.150	19.705	26.722	32.103	33.836
142.0	15.136	19.677	26.461	31.841	33.658
142.5	15.123	19.636	26.186	31.607	33.451
143.0	15.109	19.595	25.924	31.387	33.245
143.5	15.109	19.540	25.622	31.153	33.052
144.0	15.109	19.471	25.360	30.974	32.832
144.5	15.150	19.416	25.099	30.768	32.639
145.0	15.205	19.361	24.810	30.589	32.419
145.5	15.301	19.292	24.548	30.410	32.199
146.0	15.425	19.237	24.301	30.218	31.993
146.5	15.549	19.182	24.094	30.011	31.759
147.0	15.673	19.113	23.860	29.805	31.525
147.5	15.783	19.085	23.681	29.598	31.291
148.0	15.907	19.030	23.489	29.364	31.043
148.5	16.017	19.017	23.337	29.144	30.795
149.0	16.155	19.017	23.172	28.924	30.575
149.5	16.251	19.058	23.021	28.690	30.300
150.0	16.361	19.085	22.870	28.470	30.011
150.5	16.457	19.099	22.704	28.222	29.708
151.0	16.526	19.141	22.484	27.975	29.351
151.5	16.595	19.154	22.250	27.713	29.020
152.0	16.677	19.182	22.030	27.438	28.690
152.5	16.760	19.209	21.824	27.149	28.332
153.0	16.815	19.223	21.604	26.819	28.043
153.5	16.884	19.264	21.370	26.475	27.713
154.0	16.939	19.251	21.163	26.089	27.438
154.5	17.008	19.264	20.984	25.718	27.163
155.0	17.035	19.292	20.806	25.291	26.956
155.5	17.090	19.306	20.627	24.892	26.736
156.0	17.132	19.306	20.503	24.466	26.544
156.5	17.200	19.306	20.379	24.039	26.296
157.0	17.228	19.333	20.255	23.654	26.062
157.5	17.269	19.333	20.173	23.282	25.800
158.0	17.324	19.319	20.131	22.897	25.553
158.5	17.338	19.319	20.076	22.581	25.264
159.0	17.407	19.278	20.035	22.278	25.016
159.5	17.462	19.251	19.966	21.989	24.741
160.0	17.531	19.223	19.897	21.755	24.466
160.5	17.613	19.209	19.842	21.535	24.204
161.0	17.668	19.168	19.829	21.301	23.943
161.5	17.751	19.154	19.801	21.067	23.750
162.0	17.820	19.127	19.842	20.874	23.585
162.5	17.888	19.127	19.870	20.668	23.392
163.0	17.971	19.113	19.884	20.448	23.227
163.5	18.040	19.113	19.911	20.214	23.021
164.0	18.067	19.113	19.939	19.925	22.828
164.5	18.109	19.085	19.911	19.705	22.581
165.0	18.150	19.085	19.870	19.485	22.333
165.5	18.191	19.072	19.829	19.333	22.071
166.0	18.232	19.058	19.801	19.168	21.672
166.5	18.274	19.058	19.760	19.030	21.480

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	18.329	19.058	19.718	18.907	21.328
167.5	18.356	19.058	19.636	18.797	21.177
168.0	18.397	19.058	19.567	18.686	21.053
168.5	18.480	19.003	19.471	18.590	20.902
169.0	18.521	19.017	19.402	18.494	20.750
169.5	18.590	18.975	19.292	18.384	20.585
170.0	18.618	18.962	19.196	18.246	20.434
170.5	18.659	18.934	19.072	18.095	20.269
171.0	18.686	18.907	18.934	17.930	20.062
171.5	18.728	18.907	18.810	17.778	19.897
172.0	18.797	18.879	18.741	17.627	19.650
172.5	18.838	18.879	18.659	17.462	19.374
173.0	18.893	18.852	18.590	17.310	18.907
173.5	18.962	18.865	18.563	17.159	18.205
174.0	19.017	18.865	18.549	17.035	17.338
174.5	19.058	18.865	18.521	16.911	16.306
175.0	19.141	18.907	18.508	16.815	15.136
175.5	19.168	18.920	18.494	16.774	13.912
176.0	19.223	18.948	18.494	16.732	13.114
176.5	19.237	18.962	18.480	16.732	12.549
177.0	19.292	18.989	18.453	16.691	11.971
177.5	19.306	18.989	18.411	16.677	11.848
178.0	19.361	19.017	18.397	16.664	11.875
178.5	19.388	19.030	18.411	16.636	11.903
179.0	19.416	19.030	18.397	16.595	11.916
179.5	19.443	19.030	18.384	16.581	11.930
180.0	17.434	17.434	17.434	17.434	17.434

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	157.54	N.A.	11.70
0-30	330.09	N.A.	24.50
0-40	530.25	N.A.	39.40
0-60	897.38	N.A.	66.70
0-80	1117.98	N.A.	83.10
0-90	1173.46	N.A.	87.30
10-90	1132.39	N.A.	84.20
20-40	372.71	N.A.	27.70
20-50	569.82	N.A.	42.40
40-70	497.91	N.A.	37.00
60-80	220.60	N.A.	16.40
70-80	89.82	N.A.	6.70
80-90	55.48	N.A.	4.10
90-110	64.80	N.A.	4.80
90-120	92.08	N.A.	6.80
90-130	117.19	N.A.	8.70
90-150	153.85	N.A.	11.40
90-180	171.37	N.A.	12.70
110-180	106.57	N.A.	7.90
0-180	1344.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	41.07
10-20	116.47
20-30	172.56
30-40	200.16
40-50	197.11
50-60	170.02
60-70	130.78
70-80	89.82
80-90	55.48
90-100	35.55
100-110	29.25
110-120	27.28
120-130	25.11
130-140	21.10
140-150	15.56
150-160	10.17
160-170	5.61
170-180	1.75

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-950-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	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-2-L15-950-DIM-UNV_.IES

UGR TABLE - CORRECTED

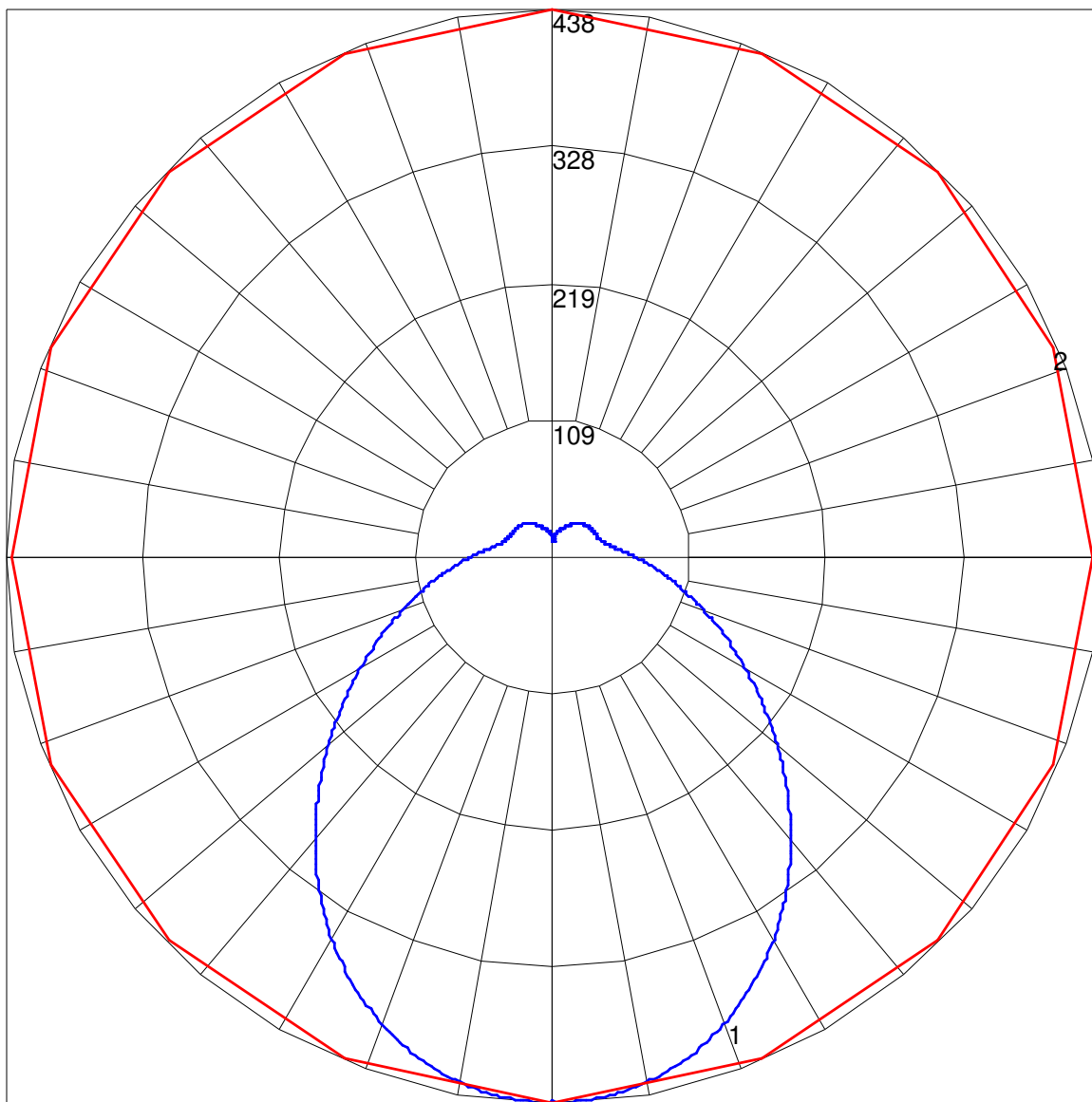
Reflectances

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	15.1	16.5	15.7	17.1	17.7	16.7	18.1	17.3	18.7	19.3
	3H	16.5	17.7	17.1	18.3	19.0	18.9	20.2	19.5	20.7	21.4
	4H	16.9	18.1	17.5	18.7	19.4	19.9	21.1	20.5	21.7	22.4
	6H	17.2	18.3	17.8	18.9	19.6	21.0	22.1	21.6	22.7	23.4
	8H	17.3	18.4	17.9	19.0	19.7	21.6	22.6	22.2	23.3	23.9
	12H	17.4	18.4	18.0	19.0	19.7	22.2	23.2	22.8	23.8	24.5
4H	2H	15.9	17.0	16.5	17.6	18.3	17.1	18.3	17.7	18.9	19.6
	3H	17.5	18.5	18.1	19.1	19.8	19.6	20.5	20.2	21.2	21.9
	4H	18.0	18.9	18.7	19.6	20.3	20.8	21.7	21.4	22.3	23.0
	6H	18.4	19.2	19.1	19.9	20.6	22.1	22.8	22.7	23.5	24.2
	8H	18.6	19.3	19.2	20.0	20.7	22.7	23.5	23.4	24.1	24.9
	12H	18.6	19.3	19.3	20.0	20.7	23.5	24.1	24.1	24.8	25.6
8H	4H	18.6	19.3	19.2	20.0	20.7	21.0	21.7	21.6	22.4	23.1
	6H	19.2	19.8	19.9	20.5	21.2	22.4	23.1	23.1	23.8	24.5
	8H	19.4	19.9	20.1	20.6	21.4	23.2	23.8	23.9	24.5	25.3
	12H	19.5	20.0	20.2	20.7	21.5	24.2	24.7	24.9	25.4	26.2
12H	4H	18.7	19.4	19.4	20.1	20.9	21.0	21.6	21.6	22.3	23.1
	6H	19.4	20.0	20.1	20.7	21.5	22.5	23.0	23.2	23.7	24.5
	8H	19.7	20.2	20.4	20.9	21.7	23.4	23.9	24.1	24.5	25.4

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 437.851 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.)