

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L15-827-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-2-L15-827-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	1466
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
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	6227	5624	5641
55	5345	4794	4952
65	4431	4081	4413
75	3453	3530	4125
85	2271	3401	4358

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-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	474.360	474.360	474.360	474.360	474.360
0.5	472.110	473.910	474.210	474.060	477.209
1.0	472.110	474.060	474.060	473.910	477.059
1.5	471.660	474.060	473.910	473.760	477.209
2.0	471.510	473.610	473.910	473.610	476.759
2.5	471.510	473.610	473.460	473.460	476.459
3.0	471.060	473.160	473.160	473.160	476.159
3.5	470.760	472.710	472.710	472.860	475.859
4.0	470.460	472.410	472.410	472.260	475.559
4.5	469.710	471.960	472.110	471.960	475.109
5.0	469.260	471.510	471.510	471.510	474.659
5.5	468.661	470.910	470.910	471.060	474.060
6.0	468.361	470.160	470.310	470.310	473.460
6.5	467.311	469.560	469.710	469.710	472.710
7.0	466.711	468.811	468.961	468.811	472.110
7.5	466.111	467.911	468.211	468.211	471.360
8.0	465.361	467.311	467.311	467.311	470.310
8.5	464.611	466.261	466.561	466.561	469.410
9.0	463.412	465.511	465.661	465.511	468.361
9.5	462.662	464.461	464.461	464.461	467.761
10.0	461.462	463.262	463.262	463.562	466.561
10.5	460.412	462.212	462.362	462.362	465.511
11.0	459.362	461.162	461.312	461.162	464.311
11.5	458.013	459.962	460.262	459.962	463.262
12.0	456.813	458.613	458.912	458.912	461.912
12.5	455.613	457.263	457.713	457.413	460.712
13.0	454.263	456.063	456.363	456.213	459.362
13.5	452.914	454.563	454.863	454.863	458.163
14.0	451.264	453.064	453.364	453.364	456.513
14.5	449.914	451.564	451.864	451.864	455.313
15.0	448.564	450.064	450.214	450.214	453.514
15.5	446.915	448.265	448.714	448.714	451.714
16.0	445.115	446.615	447.065	447.065	450.214
16.5	443.615	444.815	445.265	445.415	448.564
17.0	441.516	442.866	443.465	443.615	446.765
17.5	439.716	441.066	441.666	441.816	444.965
18.0	438.066	439.266	439.716	440.166	443.315
18.5	436.117	437.467	437.916	438.216	441.366
19.0	434.167	435.217	435.967	436.267	439.266
19.5	431.918	433.417	434.017	434.617	437.317
20.0	429.518	431.168	431.918	432.368	435.217
20.5	427.119	429.218	429.818	430.418	433.267
21.0	425.169	426.819	427.269	428.468	431.168
21.5	422.919	424.569	425.319	425.919	428.918
22.0	420.520	422.469	423.219	423.819	426.969
22.5	418.420	419.770	420.820	421.720	424.719
23.0	415.871	417.370	418.420	419.320	422.319
23.5	413.171	414.821	416.171	417.070	420.070
24.0	410.472	412.271	413.621	414.671	417.670
24.5	408.222	409.722	411.222	412.121	414.971
25.0	405.673	407.172	408.822	409.722	412.571
25.5	402.823	404.623	405.973	407.322	409.722
26.0	400.124	401.773	403.573	404.773	407.472
26.5	397.274	398.924	401.024	402.073	404.923

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	394.425	395.924	398.474	399.824	402.373
27.5	391.125	393.075	395.625	396.824	399.824
28.0	388.726	390.226	392.775	394.125	396.974
28.5	385.576	387.376	389.926	391.275	394.125
29.0	382.577	384.377	386.926	388.576	391.425
29.5	379.428	381.227	383.927	385.576	388.426
30.0	376.278	378.228	380.927	383.027	385.876
30.5	372.979	374.928	378.078	380.177	382.877
31.0	369.829	371.779	374.928	377.178	379.728
31.5	366.530	368.780	371.929	374.329	377.028
32.0	363.381	365.330	368.930	371.179	373.879
32.5	359.931	362.031	365.780	368.180	370.879
33.0	356.632	358.882	362.331	365.180	367.880
33.5	353.483	355.582	359.331	361.881	364.730
34.0	349.733	352.133	356.032	358.882	361.881
34.5	346.284	348.833	352.883	355.582	358.582
35.0	343.135	345.234	349.733	352.583	355.432
35.5	339.085	341.935	346.284	349.283	352.133
36.0	335.936	338.335	342.985	345.984	348.983
36.5	332.037	334.736	339.535	342.835	345.984
37.0	328.437	331.287	336.086	339.385	342.835
37.5	324.688	327.538	332.787	336.386	339.385
38.0	320.939	323.938	329.187	332.936	335.786
38.5	317.040	320.189	325.738	329.787	332.487
39.0	313.590	316.440	322.139	326.338	329.787
39.5	309.691	312.990	318.689	322.888	326.188
40.0	305.492	309.091	315.090	319.739	322.738
40.5	301.592	305.342	311.641	316.440	319.439
41.0	297.993	301.592	308.041	312.990	315.990
41.5	294.094	297.843	304.442	309.541	312.690
42.0	290.195	294.094	300.843	306.242	309.391
42.5	286.445	290.195	297.093	302.792	305.942
43.0	282.246	286.445	293.644	299.493	302.642
43.5	278.647	282.546	289.895	296.044	299.343
44.0	274.598	278.647	286.145	292.744	295.894
44.5	270.848	274.898	282.396	289.145	292.444
45.0	266.949	270.998	278.797	285.995	289.295
45.5	263.050	267.249	275.198	282.696	285.995
46.0	259.151	263.350	271.298	279.097	282.546
46.5	255.251	259.451	267.999	276.097	279.247
47.0	251.202	255.701	264.250	272.498	275.947
47.5	247.303	251.802	260.500	269.049	272.498
48.0	243.554	247.903	256.751	265.899	269.049
48.5	239.354	244.153	253.302	262.300	265.749
49.0	235.605	240.104	249.402	258.851	262.300
49.5	231.706	236.355	245.803	255.551	259.001
50.0	227.657	232.456	242.204	251.952	255.551
50.5	223.907	228.706	238.455	248.953	252.402
51.0	220.008	224.807	235.155	245.503	249.102
51.5	216.259	220.908	231.406	242.204	245.803
52.0	212.210	217.159	227.807	238.754	242.504
52.5	208.310	213.259	224.357	235.305	239.354
53.0	204.261	209.510	220.758	232.306	235.905
53.5	200.362	205.761	217.309	228.856	232.756
54.0	196.612	202.011	213.859	225.557	229.606
54.5	193.013	198.112	210.410	222.558	226.457

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	189.264	194.513	206.961	219.108	223.607
55.5	186.115	190.764	203.511	215.959	220.158
56.0	182.515	187.464	200.212	212.809	217.009
56.5	178.766	184.015	196.762	209.660	214.009
57.0	175.167	180.566	193.463	206.511	210.860
57.5	171.417	176.966	190.614	203.511	207.410
58.0	167.668	173.367	187.314	200.212	204.861
58.5	164.069	169.768	184.015	197.362	201.861
59.0	160.469	166.168	180.866	194.813	198.712
59.5	156.870	162.719	178.016	191.663	196.313
60.0	153.271	159.120	174.867	188.664	193.313
60.5	149.746	155.670	171.717	185.815	190.314
61.0	146.207	152.221	168.568	182.965	187.464
61.5	142.698	148.802	165.418	180.116	184.765
62.0	139.248	145.412	162.419	177.416	181.915
62.5	135.844	142.053	159.270	174.717	179.216
63.0	132.395	138.709	156.270	171.867	176.816
63.5	128.975	135.409	153.421	169.168	174.117
64.0	125.646	132.155	150.421	166.318	171.417
64.5	122.332	128.975	147.572	163.619	168.718
65.0	119.047	125.781	144.707	160.919	166.168
65.5	115.808	122.662	141.873	158.220	163.469
66.0	112.524	119.542	139.068	155.520	160.919
66.5	109.314	116.498	136.279	152.971	158.370
67.0	106.180	113.483	133.505	150.271	155.820
67.5	103.030	110.514	130.790	147.752	153.271
68.0	99.926	107.619	128.091	145.202	150.871
68.5	96.867	104.740	125.451	142.728	148.367
69.0	93.822	101.891	122.842	140.238	145.997
69.5	90.823	99.101	120.262	137.824	143.643
70.0	87.838	96.357	117.728	135.454	141.303
70.5	84.929	93.642	115.193	133.085	138.993
71.0	82.049	90.958	112.704	130.745	136.714
71.5	79.200	88.333	110.274	128.465	134.464
72.0	76.410	85.694	107.844	126.201	132.275
72.5	73.606	83.144	105.475	123.981	130.100
73.0	70.876	80.610	103.120	121.792	127.911
73.5	68.222	78.105	100.841	119.617	125.781
74.0	65.597	75.676	98.531	117.518	123.636
74.5	63.018	73.231	96.327	115.433	121.612
75.0	60.453	70.846	94.137	113.393	119.647
75.5	57.934	68.522	91.977	111.369	117.653
76.0	55.489	66.242	89.878	109.359	115.703
76.5	53.060	63.993	87.793	107.395	113.753
77.0	50.660	61.758	85.739	105.445	111.864
77.5	48.306	59.584	83.714	103.555	109.989
78.0	45.981	57.454	81.749	101.696	108.144
78.5	43.702	55.354	79.800	99.821	106.315
79.0	41.467	53.315	77.910	98.006	104.515
79.5	39.248	51.290	76.050	96.237	102.715
80.0	37.058	49.296	74.191	94.482	101.006
80.5	34.928	47.361	72.391	92.712	99.266
81.0	32.859	45.456	70.667	91.003	97.571
81.5	30.759	43.597	68.942	89.308	95.877
82.0	28.735	41.782	67.262	87.673	94.242
82.5	26.755	39.997	65.612	86.039	92.637

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	24.805	38.258	63.993	84.464	91.078
83.5	22.871	36.563	62.448	82.859	89.458
84.0	20.981	34.913	60.948	81.344	87.913
84.5	19.106	33.324	59.479	79.845	86.399
85.0	17.307	31.779	58.039	78.360	84.884
85.5	15.507	30.309	56.629	76.920	83.414
86.0	13.737	28.899	55.249	75.511	81.959
86.5	11.983	27.580	53.945	74.101	80.505
87.0	10.258	26.305	52.625	72.766	79.080
87.5	8.533	25.120	51.380	71.416	77.715
88.0	6.824	23.965	50.150	70.112	76.335
88.5	5.099	22.886	48.966	68.822	75.001
89.0	3.524	21.866	47.841	67.577	73.681
89.5	2.235	20.921	46.746	66.377	72.391
90.0	1.335	20.081	45.741	65.238	71.206
90.5	0.945	19.346	44.811	64.098	69.947
91.0	1.005	18.671	43.867	62.943	68.747
91.5	1.200	18.027	42.922	61.848	67.547
92.0	1.425	17.487	42.022	60.738	66.377
92.5	1.665	17.022	41.257	59.674	65.223
93.0	1.905	16.617	40.462	58.669	64.113
93.5	2.160	16.302	39.712	57.679	63.063
94.0	2.430	16.032	39.008	56.749	62.043
94.5	2.684	15.837	38.348	55.804	60.993
95.0	2.939	15.687	37.733	54.875	59.989
95.5	3.179	15.582	37.163	53.990	58.999
96.0	3.374	15.537	36.668	53.135	58.024
96.5	3.569	15.537	36.173	52.340	57.124
97.0	3.749	15.552	35.723	51.575	56.224
97.5	3.944	15.612	35.303	50.840	55.399
98.0	4.109	15.672	34.928	50.120	54.560
98.5	4.304	15.747	34.613	49.431	53.780
99.0	4.499	15.837	34.283	48.786	53.015
99.5	4.709	15.942	33.999	48.171	52.265
100.0	4.889	16.047	33.774	47.601	51.590
100.5	5.099	16.167	33.549	47.046	50.900
101.0	5.279	16.287	33.384	46.521	50.285
101.5	5.459	16.407	33.219	46.026	49.656
102.0	5.624	16.527	33.099	45.561	49.101
102.5	5.789	16.647	32.979	45.126	48.546
103.0	5.954	16.782	32.889	44.691	48.051
103.5	6.134	16.917	32.814	44.317	47.541
104.0	6.329	17.037	32.739	43.972	47.076
104.5	6.524	17.172	32.694	43.642	46.641
105.0	6.704	17.307	32.649	43.342	46.221
105.5	6.869	17.427	32.604	43.027	45.861
106.0	7.064	17.577	32.589	42.757	45.501
106.5	7.244	17.712	32.589	42.502	45.141
107.0	7.424	17.862	32.589	42.262	44.841
107.5	7.589	17.982	32.589	42.082	44.527
108.0	7.799	18.132	32.589	41.872	44.212
108.5	7.993	18.282	32.604	41.722	44.002
109.0	8.188	18.401	32.634	41.527	43.792
109.5	8.398	18.536	32.649	41.392	43.567
110.0	8.608	18.671	32.679	41.242	43.387
110.5	8.818	18.806	32.709	41.107	43.222

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	9.028	18.941	32.724	40.987	43.042
111.5	9.238	19.061	32.739	40.897	42.892
112.0	9.463	19.196	32.769	40.807	42.712
112.5	9.688	19.331	32.799	40.702	42.547
113.0	9.928	19.466	32.844	40.627	42.472
113.5	10.153	19.586	32.844	40.552	42.367
114.0	10.393	19.706	32.874	40.492	42.262
114.5	10.618	19.841	32.904	40.417	42.172
115.0	10.858	19.946	32.934	40.372	42.097
115.5	11.098	20.081	32.934	40.327	42.022
116.0	11.323	20.201	32.979	40.267	41.932
116.5	11.533	20.321	33.009	40.207	41.902
117.0	11.773	20.456	33.039	40.207	41.827
117.5	11.998	20.561	33.069	40.147	41.782
118.0	12.193	20.666	33.099	40.117	41.722
118.5	12.418	20.771	33.114	40.072	41.707
119.0	12.613	20.876	33.144	40.027	41.617
119.5	12.823	20.951	33.174	39.982	41.602
120.0	13.018	21.026	33.159	39.952	41.527
120.5	13.212	21.116	33.174	39.892	41.512
121.0	13.407	21.176	33.204	39.847	41.452
121.5	13.617	21.251	33.189	39.787	41.422
122.0	13.812	21.341	33.189	39.757	41.377
122.5	14.007	21.431	33.204	39.697	41.272
123.0	14.202	21.521	33.189	39.637	41.257
123.5	14.382	21.596	33.159	39.592	41.167
124.0	14.532	21.656	33.159	39.547	41.152
124.5	14.682	21.716	33.159	39.472	41.092
125.0	14.832	21.791	33.129	39.397	41.032
125.5	14.982	21.836	33.099	39.352	40.957
126.0	15.117	21.896	33.084	39.263	40.897
126.5	15.237	21.971	33.054	39.203	40.852
127.0	15.372	22.001	33.024	39.128	40.792
127.5	15.477	22.046	32.979	39.053	40.687
128.0	15.612	22.046	32.964	38.963	40.627
128.5	15.717	22.076	32.904	38.888	40.567
129.0	15.822	22.106	32.844	38.813	40.492
129.5	15.912	22.151	32.739	38.693	40.402
130.0	15.987	22.181	32.634	38.618	40.312
130.5	16.062	22.211	32.514	38.528	40.207
131.0	16.107	22.256	32.394	38.393	40.102
131.5	16.167	22.301	32.274	38.273	39.997
132.0	16.227	22.346	32.139	38.198	39.907
132.5	16.257	22.361	31.989	38.048	39.772
133.0	16.302	22.376	31.929	37.913	39.607
133.5	16.317	22.361	31.839	37.808	39.532
134.0	16.332	22.331	31.779	37.688	39.427
134.5	16.377	22.271	31.704	37.553	39.233
135.0	16.422	22.226	31.614	37.373	39.083
135.5	16.407	22.106	31.539	37.253	38.963
136.0	16.437	22.091	31.434	37.103	38.813
136.5	16.467	22.046	31.359	36.938	38.663
137.0	16.482	21.971	31.239	36.803	38.498
137.5	16.497	21.896	31.134	36.623	38.348
138.0	16.527	21.851	30.984	36.473	38.168
138.5	16.527	21.791	30.789	36.308	38.033

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	16.512	21.746	30.564	36.113	37.823
139.5	16.512	21.686	30.294	35.903	37.673
140.0	16.512	21.611	29.994	35.708	37.463
140.5	16.512	21.566	29.724	35.468	37.238
141.0	16.512	21.536	29.424	35.213	37.058
141.5	16.512	21.476	29.124	34.988	36.878
142.0	16.497	21.446	28.839	34.703	36.683
142.5	16.482	21.401	28.540	34.448	36.458
143.0	16.467	21.356	28.255	34.208	36.233
143.5	16.467	21.296	27.925	33.954	36.023
144.0	16.467	21.221	27.640	33.759	35.783
144.5	16.512	21.161	27.355	33.534	35.573
145.0	16.572	21.101	27.040	33.339	35.333
145.5	16.677	21.026	26.755	33.144	35.093
146.0	16.812	20.966	26.485	32.934	34.868
146.5	16.947	20.906	26.260	32.709	34.613
147.0	17.082	20.831	26.005	32.484	34.358
147.5	17.202	20.801	25.810	32.259	34.103
148.0	17.337	20.741	25.600	32.004	33.834
148.5	17.457	20.726	25.435	31.764	33.564
149.0	17.607	20.726	25.255	31.524	33.324
149.5	17.712	20.771	25.090	31.269	33.024
150.0	17.832	20.801	24.925	31.029	32.709
150.5	17.937	20.816	24.745	30.759	32.379
151.0	18.012	20.861	24.505	30.489	31.989
151.5	18.087	20.876	24.250	30.204	31.629
152.0	18.177	20.906	24.010	29.904	31.269
152.5	18.267	20.936	23.785	29.589	30.879
153.0	18.327	20.951	23.546	29.229	30.564
153.5	18.401	20.996	23.291	28.854	30.204
154.0	18.461	20.981	23.066	28.435	29.904
154.5	18.536	20.996	22.871	28.030	29.604
155.0	18.566	21.026	22.676	27.565	29.379
155.5	18.626	21.041	22.481	27.130	29.139
156.0	18.671	21.041	22.346	26.665	28.929
156.5	18.746	21.041	22.211	26.200	28.660
157.0	18.776	21.071	22.076	25.780	28.405
157.5	18.821	21.071	21.986	25.375	28.120
158.0	18.881	21.056	21.941	24.955	27.850
158.5	18.896	21.056	21.881	24.610	27.535
159.0	18.971	21.011	21.836	24.280	27.265
159.5	19.031	20.981	21.761	23.965	26.965
160.0	19.106	20.951	21.686	23.710	26.665
160.5	19.196	20.936	21.626	23.471	26.380
161.0	19.256	20.891	21.611	23.216	26.095
161.5	19.346	20.876	21.581	22.961	25.885
162.0	19.421	20.846	21.626	22.751	25.705
162.5	19.496	20.846	21.656	22.526	25.495
163.0	19.586	20.831	21.671	22.286	25.315
163.5	19.661	20.831	21.701	22.031	25.090
164.0	19.691	20.831	21.731	21.716	24.880
164.5	19.736	20.801	21.701	21.476	24.610
165.0	19.781	20.801	21.656	21.236	24.340
165.5	19.826	20.786	21.611	21.071	24.055
166.0	19.871	20.771	21.581	20.891	23.620
166.5	19.916	20.771	21.536	20.741	23.411

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	19.976	20.771	21.491	20.606	23.246
167.5	20.006	20.771	21.401	20.486	23.081
168.0	20.051	20.771	21.326	20.366	22.946
168.5	20.141	20.711	21.221	20.261	22.781
169.0	20.186	20.726	21.146	20.156	22.616
169.5	20.261	20.681	21.026	20.036	22.436
170.0	20.291	20.666	20.921	19.886	22.271
170.5	20.336	20.636	20.786	19.721	22.091
171.0	20.366	20.606	20.636	19.541	21.866
171.5	20.411	20.606	20.501	19.376	21.686
172.0	20.486	20.576	20.426	19.211	21.416
172.5	20.531	20.576	20.336	19.031	21.116
173.0	20.591	20.546	20.261	18.866	20.606
173.5	20.666	20.561	20.231	18.701	19.841
174.0	20.726	20.561	20.216	18.566	18.896
174.5	20.771	20.561	20.186	18.431	17.772
175.0	20.861	20.606	20.171	18.327	16.497
175.5	20.891	20.621	20.156	18.282	15.162
176.0	20.951	20.651	20.156	18.237	14.292
176.5	20.966	20.666	20.141	18.237	13.677
177.0	21.026	20.696	20.111	18.192	13.048
177.5	21.041	20.696	20.066	18.177	12.913
178.0	21.101	20.726	20.051	18.162	12.943
178.5	21.131	20.741	20.066	18.132	12.973
179.0	21.161	20.741	20.051	18.087	12.988
179.5	21.191	20.741	20.036	18.072	13.003
180.0	19.001	19.001	19.001	19.001	19.001

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	171.70	N.A.	11.70
0-30	359.77	N.A.	24.50
0-40	577.91	N.A.	39.40
0-60	978.05	N.A.	66.70
0-80	1218.47	N.A.	83.10
0-90	1278.94	N.A.	87.30
10-90	1234.17	N.A.	84.20
20-40	406.22	N.A.	27.70
20-50	621.04	N.A.	42.40
40-70	542.66	N.A.	37.00
60-80	240.42	N.A.	16.40
70-80	97.89	N.A.	6.70
80-90	60.47	N.A.	4.10
90-110	70.63	N.A.	4.80
90-120	100.36	N.A.	6.80
90-130	127.72	N.A.	8.70
90-150	167.67	N.A.	11.40
90-180	186.77	N.A.	12.70
110-180	116.15	N.A.	7.90
0-180	1465.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	44.76
10-20	126.94
20-30	188.07
30-40	218.15
40-50	214.82
50-60	185.31
60-70	142.53
70-80	97.89
80-90	60.47
90-100	38.74
100-110	31.88
110-120	29.73
120-130	27.36
130-140	23.00
140-150	16.96
150-160	11.09
160-170	6.11
170-180	1.90

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L15-827-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	59	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	40	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-L15-827-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

X=2H	Y=2H	15.4	16.8	16.0	17.4	18.0	UGR Viewed Endwise			
	3H	16.8	18.0	17.4	18.6	19.3	17.0	18.4	17.6	19.0
	4H	17.2	18.4	17.8	19.0	19.7	19.2	20.4	19.8	21.0
	6H	17.5	18.6	18.1	19.2	19.9	20.2	21.4	20.8	22.0
	8H	17.6	18.7	18.2	19.3	20.0	21.3	22.4	21.9	23.0
	12H	17.7	18.6	18.3	19.3	20.0	21.9	22.9	22.5	23.5
							22.5	23.5	23.1	24.1

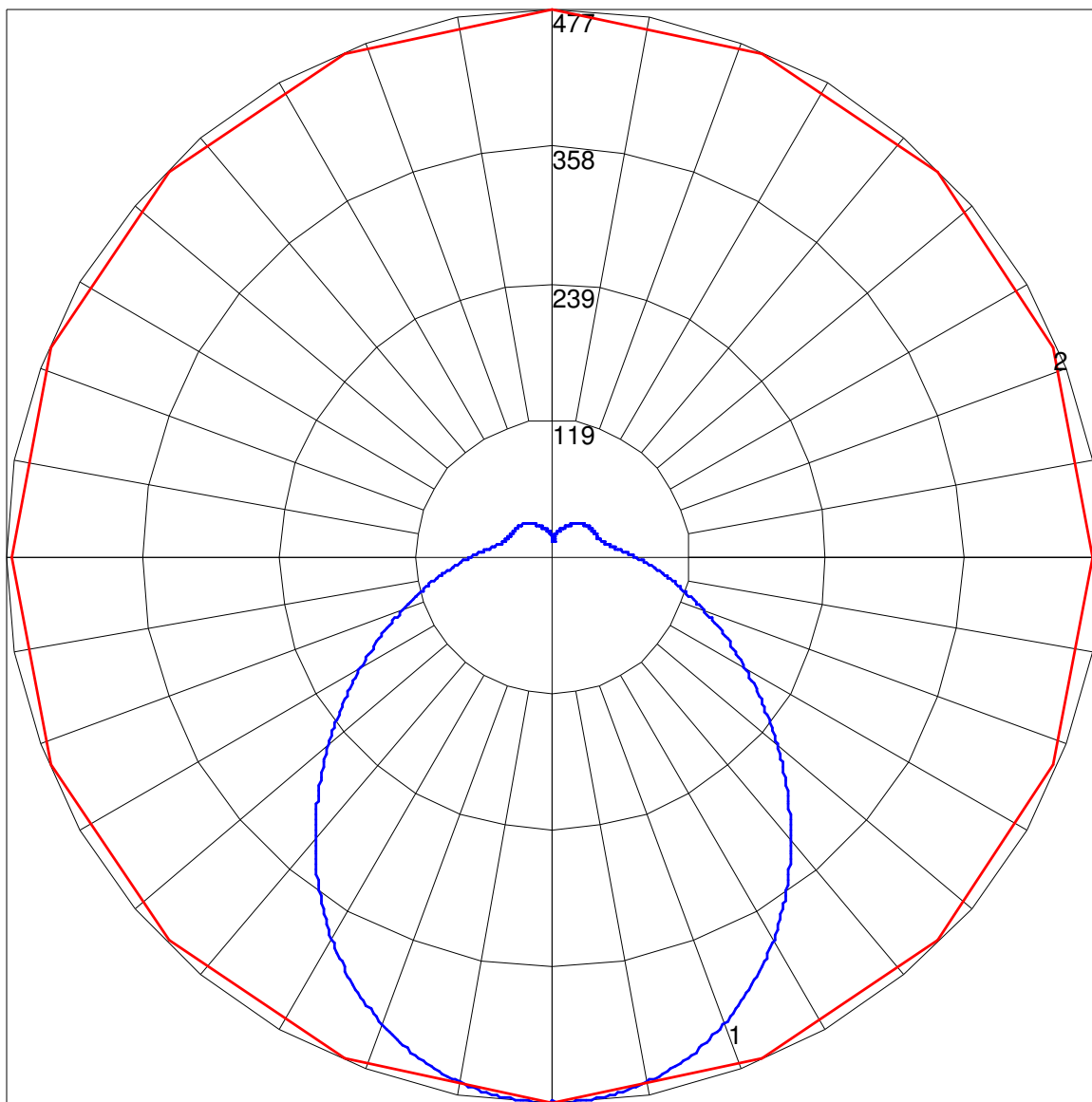
4H	2H	16.2	17.3	16.8	17.9	18.6	17.4	18.6	18.0	19.2
	3H	17.8	18.7	18.4	19.4	20.1	19.8	20.8	20.5	21.5
	4H	18.3	19.2	19.0	19.9	20.6	21.1	22.0	21.7	22.6
	6H	18.7	19.5	19.4	20.2	20.9	22.3	23.1	23.0	23.8
	8H	18.9	19.6	19.5	20.3	21.0	23.0	23.8	23.7	24.4
	12H	18.9	19.6	19.6	20.3	21.0	23.8	24.4	24.4	25.1

8H	4H	18.9	19.6	19.5	20.3	21.0	21.3	22.0	21.9	22.7
	6H	19.5	20.1	20.1	20.8	21.5	22.7	23.4	23.4	24.1
	8H	19.7	20.2	20.4	20.9	21.7	23.5	24.1	24.2	24.8
	12H	19.8	20.3	20.5	21.0	21.8	24.5	25.0	25.2	25.7

12H	4H	19.0	19.7	19.7	20.4	21.1	21.3	21.9	21.9	22.6
	6H	19.7	20.3	20.4	21.0	21.8	22.8	23.3	23.5	24.0
	8H	20.0	20.5	20.7	21.2	22.0	23.7	24.2	24.3	24.8

Maximum UGR = 26.5

POLAR GRAPH



Maximum Candela = 477.209 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.)