

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-850-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-L25-850-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	2618
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	18.2
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)	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	11123	10046	10076
55	9549	8563	8846
65	7915	7290	7883
75	6167	6306	7369
85	4057	6076	7785

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-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	847.372	847.372	847.372	847.372	847.372
0.5	843.354	846.568	847.104	846.836	852.462
1.0	843.354	846.836	846.836	846.568	852.194
1.5	842.550	846.836	846.568	846.300	852.462
2.0	842.282	846.033	846.568	846.033	851.659
2.5	842.282	846.033	845.765	845.765	851.123
3.0	841.478	845.229	845.229	845.229	850.587
3.5	840.942	844.425	844.425	844.693	850.051
4.0	840.407	843.889	843.889	843.621	849.515
4.5	839.067	843.086	843.354	843.086	848.712
5.0	838.263	842.282	842.282	842.282	847.908
5.5	837.192	841.210	841.210	841.478	846.836
6.0	836.656	839.871	840.139	840.139	845.765
6.5	834.781	838.799	839.067	839.067	844.425
7.0	833.709	837.460	837.728	837.460	843.354
7.5	832.638	835.852	836.388	836.388	842.014
8.0	831.298	834.781	834.781	834.781	840.139
8.5	829.959	832.905	833.441	833.441	838.531
9.0	827.815	831.566	831.834	831.566	836.656
9.5	826.476	829.691	829.691	829.691	835.584
10.0	824.333	827.547	827.547	828.083	833.441
10.5	822.457	825.672	825.940	825.940	831.566
11.0	820.582	823.797	824.065	823.797	829.423
11.5	818.171	821.654	822.189	821.654	827.547
12.0	816.028	819.242	819.778	819.778	825.136
12.5	813.884	816.831	817.635	817.099	822.993
13.0	811.473	814.688	815.224	814.956	820.582
13.5	809.062	812.009	812.545	812.545	818.439
14.0	806.115	809.330	809.866	809.866	815.492
14.5	803.704	806.651	807.187	807.187	813.349
15.0	801.293	803.972	804.240	804.240	810.134
15.5	798.346	800.757	801.561	801.561	806.919
16.0	795.131	797.810	798.614	798.614	804.240
16.5	792.452	794.596	795.399	795.667	801.293
17.0	788.702	791.113	792.184	792.452	798.078
17.5	785.487	787.898	788.970	789.237	794.863
18.0	782.540	784.683	785.487	786.291	791.917
18.5	779.057	781.468	782.272	782.808	788.434
19.0	775.575	777.450	778.789	779.325	784.683
19.5	771.556	774.235	775.307	776.378	781.200
20.0	767.270	770.216	771.556	772.360	777.450
20.5	762.983	766.734	767.805	768.877	773.967
21.0	759.500	762.447	763.251	765.394	770.216
21.5	755.482	758.429	759.768	760.840	766.198
22.0	751.195	754.678	756.018	757.089	762.715
22.5	747.445	749.856	751.731	753.339	758.697
23.0	742.891	745.570	747.445	749.052	754.410
23.5	738.068	741.015	743.426	745.034	750.392
24.0	733.246	736.461	738.872	740.747	746.105
24.5	729.228	731.907	734.586	736.193	741.283
25.0	724.673	727.352	730.299	731.907	736.997
25.5	719.583	722.798	725.209	727.620	731.907
26.0	714.761	717.708	720.923	723.066	727.888
26.5	709.671	712.618	716.368	718.244	723.334

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	704.581	707.260	711.814	714.225	718.779
27.5	698.687	702.170	706.724	708.867	714.225
28.0	694.400	697.079	701.634	704.045	709.135
28.5	688.774	691.989	696.544	698.955	704.045
29.0	683.416	686.631	691.186	694.133	699.223
29.5	677.791	681.005	685.828	688.774	693.865
30.0	672.165	675.647	680.470	684.220	689.310
30.5	666.271	669.753	675.379	679.130	683.952
31.0	660.645	664.128	669.753	673.772	678.326
31.5	654.751	658.770	664.395	668.682	673.504
32.0	649.125	652.608	659.037	663.056	667.878
32.5	642.963	646.714	653.411	657.698	662.520
33.0	637.070	641.088	647.250	652.340	657.162
33.5	631.444	635.194	641.892	646.446	651.536
34.0	624.746	629.032	635.998	641.088	646.446
34.5	618.584	623.139	630.372	635.194	640.552
35.0	612.958	616.709	624.746	629.836	634.926
35.5	605.725	610.815	618.584	623.942	629.032
36.0	600.099	604.386	612.690	618.049	623.407
36.5	593.134	597.956	606.529	612.423	618.049
37.0	586.704	591.794	600.367	606.261	612.423
37.5	580.007	585.097	594.473	600.903	606.261
38.0	573.309	578.667	588.044	594.741	599.831
38.5	566.344	571.969	581.882	589.115	593.937
39.0	560.182	565.272	575.452	582.953	589.115
39.5	553.216	559.110	569.290	576.792	582.686
40.0	545.715	552.145	562.861	571.166	576.524
40.5	538.750	545.447	556.699	565.272	570.630
41.0	532.320	538.750	550.269	559.110	564.468
41.5	525.355	532.052	543.840	552.948	558.574
42.0	518.389	525.355	537.410	547.055	552.681
42.5	511.692	518.389	530.713	540.893	546.519
43.0	504.190	511.692	524.551	534.999	540.625
43.5	497.761	504.726	517.853	528.837	534.731
44.0	490.527	497.761	511.156	522.944	528.569
44.5	483.830	491.063	504.458	516.514	522.408
45.0	476.864	484.098	498.029	510.888	516.782
45.5	469.899	477.400	491.599	504.994	510.888
46.0	462.934	470.435	484.634	498.564	504.726
46.5	455.968	463.469	478.740	493.206	498.832
47.0	448.735	456.772	472.042	486.777	492.939
47.5	441.769	449.806	465.345	480.615	486.777
48.0	435.072	442.841	458.647	474.989	480.615
48.5	427.571	436.143	452.485	468.560	474.721
49.0	420.873	428.910	445.520	462.398	468.560
49.5	413.908	422.213	439.090	456.504	462.666
50.0	406.674	415.247	432.661	450.074	456.504
50.5	399.977	408.550	425.963	444.716	450.878
51.0	393.011	401.584	420.069	438.555	444.984
51.5	386.314	394.619	413.372	432.661	439.090
52.0	379.080	387.921	406.942	426.499	433.197
52.5	372.115	380.956	400.780	420.337	427.571
53.0	364.882	374.258	394.351	414.979	421.409
53.5	357.916	367.561	388.189	408.818	415.783
54.0	351.219	360.863	382.027	402.924	410.157
54.5	344.789	353.898	375.866	397.566	404.531

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	338.092	347.468	369.704	391.404	399.441
55.5	332.466	340.771	363.542	385.778	393.279
56.0	326.036	334.877	357.648	380.152	387.653
56.5	319.338	328.715	351.487	374.526	382.295
57.0	312.909	322.553	345.593	368.900	376.669
57.5	306.211	316.124	340.503	363.542	370.508
58.0	299.514	309.694	334.609	357.648	365.953
58.5	293.084	303.264	328.715	352.558	360.595
59.0	286.654	296.835	323.089	348.004	354.969
59.5	280.225	290.673	317.999	342.378	350.683
60.0	273.795	284.243	312.373	337.020	345.325
60.5	267.500	278.082	306.747	331.930	339.967
61.0	261.177	271.920	301.121	326.840	334.877
61.5	254.908	265.812	295.495	321.750	330.055
62.0	248.746	259.757	290.137	316.927	324.964
62.5	242.665	253.756	284.511	312.105	320.142
63.0	236.503	247.782	279.153	307.015	315.856
63.5	230.395	241.888	274.063	302.193	311.034
64.0	224.448	236.075	268.705	297.103	306.211
64.5	218.527	230.395	263.615	292.280	301.389
65.0	212.660	224.689	258.498	287.458	296.835
65.5	206.873	219.117	253.435	282.636	292.013
66.0	201.006	213.544	248.425	277.814	287.458
66.5	195.273	208.106	243.442	273.259	282.904
67.0	189.674	202.721	238.486	268.437	278.350
67.5	184.048	197.417	233.637	263.936	273.795
68.0	178.503	192.246	228.815	259.382	269.509
68.5	173.038	187.102	224.100	254.962	265.035
69.0	167.599	182.012	219.438	250.515	260.802
69.5	162.241	177.029	214.830	246.201	256.596
70.0	156.910	172.127	210.303	241.969	252.417
70.5	151.713	167.278	205.775	237.736	248.291
71.0	146.569	162.482	201.328	233.556	244.219
71.5	141.479	157.794	196.988	229.484	240.200
72.0	136.496	153.079	192.648	225.439	236.289
72.5	131.486	148.525	188.415	221.474	232.404
73.0	126.610	143.997	184.209	217.563	228.493
73.5	121.868	139.523	180.137	213.678	224.689
74.0	117.180	135.183	176.011	209.928	220.858
74.5	112.572	130.816	172.073	206.204	217.241
75.0	107.991	126.557	168.162	202.560	213.732
75.5	103.490	122.404	164.304	198.944	210.169
76.0	99.124	118.332	160.553	195.354	206.686
76.5	94.784	114.314	156.829	191.844	203.203
77.0	90.497	110.322	153.159	188.361	199.828
77.5	86.291	106.437	149.543	184.986	196.479
78.0	82.139	102.633	146.033	181.664	193.184
78.5	78.066	98.882	142.550	178.315	189.915
79.0	74.075	95.239	139.175	175.074	186.700
79.5	70.110	91.622	135.853	171.912	183.486
80.0	66.198	88.059	132.531	168.778	180.432
80.5	62.394	84.603	129.316	165.617	177.324
81.0	58.697	81.201	126.235	162.563	174.297
81.5	54.947	77.879	123.154	159.535	171.269
82.0	51.330	74.637	120.154	156.615	168.349
82.5	47.794	71.449	117.207	153.695	165.483

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	44.311	68.342	114.314	150.882	162.697
83.5	40.855	65.314	111.554	148.016	159.803
84.0	37.479	62.367	108.875	145.310	157.044
84.5	34.131	59.528	106.250	142.631	154.338
85.0	30.916	56.768	103.678	139.978	151.632
85.5	27.701	54.143	101.160	137.407	149.007
86.0	24.540	51.625	98.695	134.888	146.408
86.5	21.405	49.267	96.364	132.370	143.809
87.0	18.324	46.990	94.007	129.986	141.264
87.5	15.244	44.873	91.783	127.575	138.827
88.0	12.190	42.811	89.586	125.244	136.362
88.5	9.109	40.882	87.470	122.940	133.977
89.0	6.296	39.060	85.461	120.716	131.620
89.5	3.992	37.372	83.505	118.573	129.316
90.0	2.384	35.872	81.710	116.537	127.200
90.5	1.688	34.559	80.049	114.501	124.949
91.0	1.795	33.354	78.361	112.438	122.806
91.5	2.143	32.202	76.673	110.483	120.663
92.0	2.545	31.237	75.066	108.500	118.573
92.5	2.974	30.407	73.700	106.598	116.510
93.0	3.402	29.683	72.280	104.803	114.528
93.5	3.858	29.121	70.940	103.035	112.653
94.0	4.340	28.639	69.681	101.374	110.831
94.5	4.795	28.290	68.502	99.686	108.955
95.0	5.251	28.022	67.404	98.025	107.161
95.5	5.680	27.835	66.386	96.445	105.392
96.0	6.028	27.755	65.502	94.917	103.651
96.5	6.376	27.755	64.618	93.498	102.044
97.0	6.698	27.781	63.814	92.131	100.436
97.5	7.046	27.889	63.064	90.819	98.963
98.0	7.340	27.996	62.394	89.533	97.463
98.5	7.689	28.130	61.832	88.300	96.069
99.0	8.037	28.290	61.242	87.148	94.703
99.5	8.412	28.478	60.733	86.050	93.364
100.0	8.734	28.665	60.331	85.032	92.158
100.5	9.109	28.880	59.930	84.041	90.926
101.0	9.430	29.094	59.635	83.103	89.827
101.5	9.752	29.308	59.340	82.219	88.702
102.0	10.046	29.523	59.126	81.388	87.711
102.5	10.341	29.737	58.912	80.612	86.720
103.0	10.636	29.978	58.751	79.835	85.836
103.5	10.957	30.219	58.617	79.165	84.925
104.0	11.305	30.434	58.483	78.549	84.094
104.5	11.654	30.675	58.403	77.959	83.317
105.0	11.975	30.916	58.322	77.424	82.567
105.5	12.270	31.130	58.242	76.861	81.924
106.0	12.618	31.398	58.215	76.379	81.281
106.5	12.940	31.639	58.215	75.923	80.638
107.0	13.261	31.907	58.215	75.495	80.103
107.5	13.556	32.121	58.215	75.173	79.540
108.0	13.931	32.389	58.215	74.798	78.977
108.5	14.279	32.657	58.242	74.530	78.602
109.0	14.627	32.872	58.295	74.182	78.227
109.5	15.002	33.113	58.322	73.941	77.825
110.0	15.378	33.354	58.376	73.673	77.504
110.5	15.753	33.595	58.429	73.432	77.209

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	16.128	33.836	58.456	73.217	76.888
111.5	16.503	34.050	58.483	73.057	76.620
112.0	16.905	34.291	58.536	72.896	76.298
112.5	17.306	34.532	58.590	72.708	76.004
113.0	17.735	34.774	58.670	72.574	75.870
113.5	18.137	34.988	58.670	72.441	75.682
114.0	18.566	35.202	58.724	72.333	75.495
114.5	18.967	35.443	58.778	72.199	75.334
115.0	19.396	35.631	58.831	72.119	75.200
115.5	19.825	35.872	58.831	72.039	75.066
116.0	20.227	36.086	58.912	71.932	74.905
116.5	20.602	36.301	58.965	71.824	74.852
117.0	21.030	36.542	59.019	71.824	74.718
117.5	21.432	36.729	59.072	71.717	74.637
118.0	21.780	36.917	59.126	71.664	74.530
118.5	22.182	37.104	59.153	71.583	74.503
119.0	22.531	37.292	59.206	71.503	74.343
119.5	22.906	37.426	59.260	71.423	74.316
120.0	23.254	37.560	59.233	71.369	74.182
120.5	23.602	37.721	59.260	71.262	74.155
121.0	23.950	37.828	59.313	71.181	74.048
121.5	24.325	37.962	59.287	71.074	73.994
122.0	24.674	38.122	59.287	71.021	73.914
122.5	25.022	38.283	59.313	70.913	73.726
123.0	25.370	38.444	59.287	70.806	73.700
123.5	25.692	38.578	59.233	70.726	73.539
124.0	25.960	38.685	59.233	70.646	73.512
124.5	26.228	38.792	59.233	70.512	73.405
125.0	26.495	38.926	59.179	70.378	73.298
125.5	26.763	39.006	59.126	70.297	73.164
126.0	27.004	39.114	59.099	70.137	73.057
126.5	27.219	39.248	59.045	70.029	72.976
127.0	27.460	39.301	58.992	69.895	72.869
127.5	27.647	39.382	58.912	69.762	72.682
128.0	27.889	39.382	58.885	69.601	72.574
128.5	28.076	39.435	58.778	69.467	72.467
129.0	28.264	39.489	58.670	69.333	72.333
129.5	28.424	39.569	58.483	69.119	72.173
130.0	28.558	39.623	58.295	68.985	72.012
130.5	28.692	39.676	58.081	68.824	71.824
131.0	28.773	39.757	57.867	68.583	71.637
131.5	28.880	39.837	57.652	68.368	71.449
132.0	28.987	39.917	57.411	68.234	71.289
132.5	29.041	39.944	57.143	67.967	71.047
133.0	29.121	39.971	57.036	67.725	70.753
133.5	29.148	39.944	56.875	67.538	70.619
134.0	29.174	39.891	56.768	67.324	70.431
134.5	29.255	39.783	56.634	67.083	70.083
135.0	29.335	39.703	56.474	66.761	69.815
135.5	29.308	39.489	56.340	66.547	69.601
136.0	29.362	39.462	56.152	66.279	69.333
136.5	29.416	39.382	56.018	65.984	69.065
137.0	29.442	39.248	55.804	65.743	68.770
137.5	29.469	39.114	55.616	65.422	68.502
138.0	29.523	39.033	55.348	65.154	68.181
138.5	29.523	38.926	55.000	64.859	67.940

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	29.496	38.846	54.598	64.511	67.565
139.5	29.496	38.739	54.116	64.136	67.297
140.0	29.496	38.605	53.580	63.787	66.922
140.5	29.496	38.524	53.098	63.359	66.520
141.0	29.496	38.471	52.562	62.903	66.198
141.5	29.496	38.363	52.026	62.501	65.877
142.0	29.469	38.310	51.517	61.992	65.529
142.5	29.442	38.230	50.982	61.537	65.127
143.0	29.416	38.149	50.473	61.108	64.725
143.5	29.416	38.042	49.883	60.653	64.350
144.0	29.416	37.908	49.374	60.305	63.921
144.5	29.496	37.801	48.865	59.903	63.546
145.0	29.603	37.694	48.303	59.554	63.118
145.5	29.791	37.560	47.794	59.206	62.689
146.0	30.032	37.453	47.311	58.831	62.287
146.5	30.273	37.345	46.910	58.429	61.832
147.0	30.514	37.212	46.454	58.027	61.376
147.5	30.728	37.158	46.106	57.626	60.921
148.0	30.969	37.051	45.731	57.170	60.439
148.5	31.184	37.024	45.436	56.742	59.956
149.0	31.452	37.024	45.115	56.313	59.528
149.5	31.639	37.104	44.820	55.857	58.992
150.0	31.853	37.158	44.525	55.429	58.429
150.5	32.041	37.185	44.204	54.947	57.840
151.0	32.175	37.265	43.775	54.464	57.143
151.5	32.309	37.292	43.320	53.955	56.500
152.0	32.470	37.345	42.891	53.420	55.857
152.5	32.630	37.399	42.489	52.857	55.161
153.0	32.738	37.426	42.061	52.214	54.598
153.5	32.872	37.506	41.605	51.544	53.955
154.0	32.979	37.479	41.203	50.794	53.420
154.5	33.113	37.506	40.855	50.071	52.884
155.0	33.166	37.560	40.507	49.240	52.482
155.5	33.273	37.587	40.158	48.463	52.053
156.0	33.354	37.587	39.917	47.633	51.678
156.5	33.488	37.587	39.676	46.802	51.196
157.0	33.541	37.640	39.435	46.052	50.741
157.5	33.622	37.640	39.274	45.329	50.232
158.0	33.729	37.613	39.194	44.579	49.749
158.5	33.756	37.613	39.087	43.963	49.187
159.0	33.890	37.533	39.006	43.373	48.704
159.5	33.997	37.479	38.872	42.811	48.169
160.0	34.131	37.426	38.739	42.355	47.633
160.5	34.291	37.399	38.631	41.927	47.124
161.0	34.399	37.319	38.605	41.471	46.615
161.5	34.559	37.292	38.551	41.016	46.240
162.0	34.693	37.238	38.631	40.641	45.918
162.5	34.827	37.238	38.685	40.239	45.543
163.0	34.988	37.212	38.712	39.810	45.222
163.5	35.122	37.212	38.765	39.355	44.820
164.0	35.175	37.212	38.819	38.792	44.445
164.5	35.256	37.158	38.765	38.363	43.963
165.0	35.336	37.158	38.685	37.935	43.480
165.5	35.417	37.131	38.605	37.640	42.971
166.0	35.497	37.104	38.551	37.319	42.194
166.5	35.577	37.104	38.471	37.051	41.819

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	35.684	37.104	38.390	36.810	41.525
167.5	35.738	37.104	38.230	36.595	41.230
168.0	35.818	37.104	38.096	36.381	40.989
168.5	35.979	36.997	37.908	36.193	40.694
169.0	36.060	37.024	37.774	36.006	40.400
169.5	36.193	36.944	37.560	35.792	40.078
170.0	36.247	36.917	37.372	35.524	39.783
170.5	36.327	36.863	37.131	35.229	39.462
171.0	36.381	36.810	36.863	34.908	39.060
171.5	36.461	36.810	36.622	34.613	38.739
172.0	36.595	36.756	36.488	34.318	38.256
172.5	36.676	36.756	36.327	33.997	37.721
173.0	36.783	36.702	36.193	33.702	36.810
173.5	36.917	36.729	36.140	33.407	35.443
174.0	37.024	36.729	36.113	33.166	33.756
174.5	37.104	36.729	36.060	32.925	31.746
175.0	37.265	36.810	36.033	32.738	29.469
175.5	37.319	36.836	36.006	32.657	27.085
176.0	37.426	36.890	36.006	32.577	25.531
176.5	37.453	36.917	35.979	32.577	24.433
177.0	37.560	36.970	35.926	32.496	23.307
177.5	37.587	36.970	35.845	32.470	23.066
178.0	37.694	37.024	35.818	32.443	23.120
178.5	37.747	37.051	35.845	32.389	23.173
179.0	37.801	37.051	35.818	32.309	23.200
179.5	37.854	37.051	35.792	32.282	23.227
180.0	33.943	33.943	33.943	33.943	33.943

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	306.71	N.A.	11.70
0-30	642.67	N.A.	24.50
0-40	1032.36	N.A.	39.40
0-60	1747.13	N.A.	66.70
0-80	2176.61	N.A.	83.10
0-90	2284.63	N.A.	87.30
10-90	2204.67	N.A.	84.20
20-40	725.64	N.A.	27.70
20-50	1109.39	N.A.	42.40
40-70	969.39	N.A.	37.00
60-80	429.48	N.A.	16.40
70-80	174.87	N.A.	6.70
80-90	108.01	N.A.	4.10
90-110	126.16	N.A.	4.80
90-120	179.27	N.A.	6.80
90-130	228.16	N.A.	8.70
90-150	299.53	N.A.	11.40
90-180	333.64	N.A.	12.70
110-180	207.48	N.A.	7.90
0-180	2618.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	79.96
10-20	226.75
20-30	335.95
30-40	389.69
40-50	383.75
50-60	331.03
60-70	254.61
70-80	174.87
80-90	108.01
90-100	69.21
100-110	56.96
110-120	53.11
120-130	48.88
130-140	41.08
140-150	30.29
150-160	19.81
160-170	10.91
170-180	3.40

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-850-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-L25-850-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	17.4	18.8	18.0	19.4	20.0	19.0	20.4	19.6	21.0	21.6
	3H	18.8	20.0	19.4	20.6	21.3	21.2	22.4	21.8	23.0	23.7
	4H	19.2	20.4	19.8	21.0	21.7	22.2	23.4	22.8	24.0	24.7
	6H	19.5	20.6	20.1	21.2	21.9	23.3	24.4	23.9	25.0	25.7
	8H	19.6	20.7	20.2	21.3	22.0	23.9	24.9	24.5	25.5	26.2
	12H	19.7	20.6	20.3	21.3	22.0	24.5	25.5	25.1	26.1	26.8

UGR Viewed Endwise

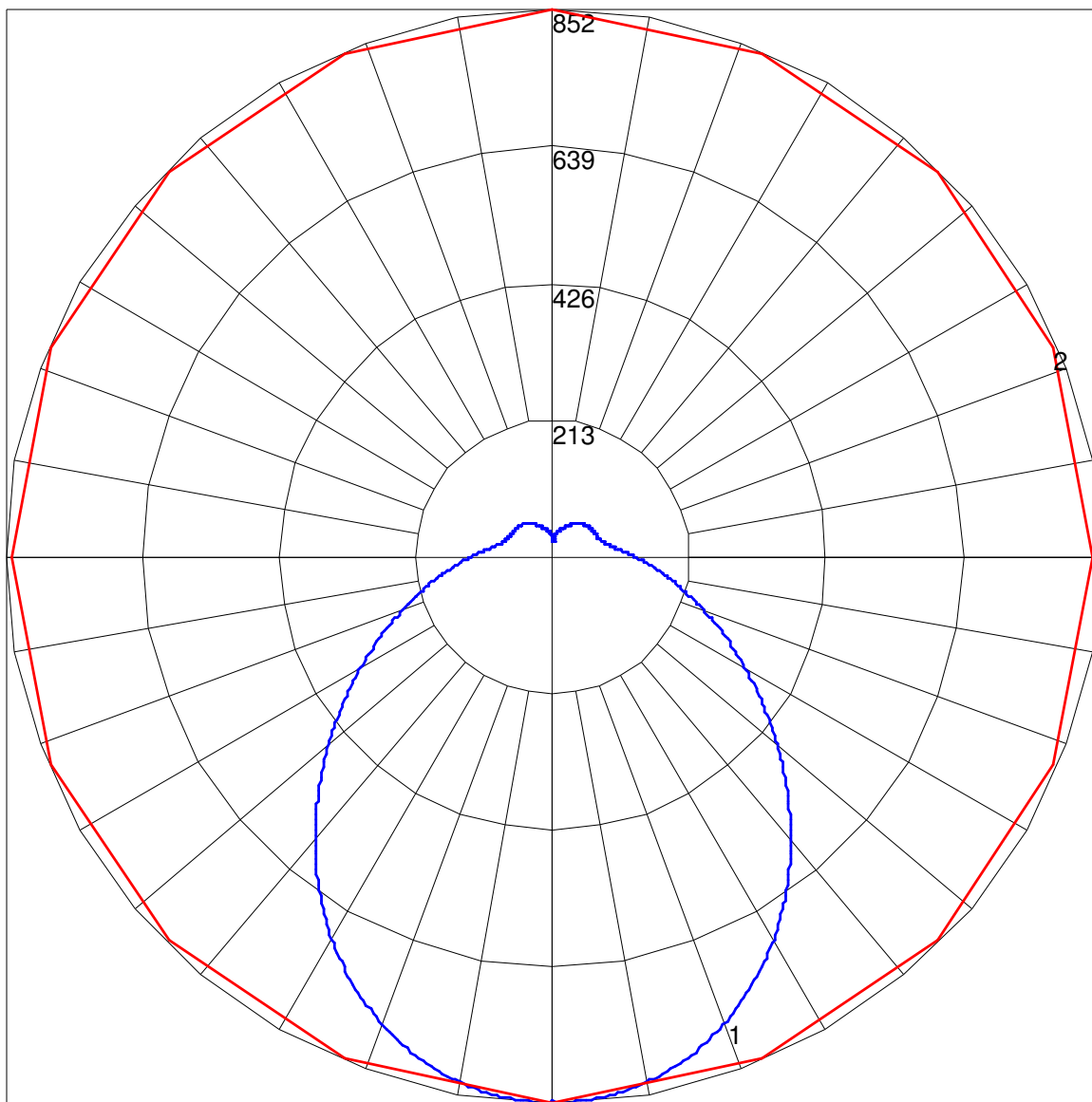
4H	2H	18.2	19.3	18.8	19.9	20.6	19.4	20.6	20.0	21.2	21.9
	3H	19.8	20.8	20.4	21.4	22.1	21.8	22.8	22.5	23.5	24.2
	4H	20.3	21.2	21.0	21.9	22.6	23.1	24.0	23.7	24.6	25.3
	6H	20.7	21.5	21.4	22.2	22.9	24.3	25.1	25.0	25.8	26.5
	8H	20.9	21.6	21.5	22.3	23.0	25.0	25.8	25.7	26.4	27.2
	12H	20.9	21.6	21.6	22.3	23.0	25.8	26.4	26.4	27.1	27.9

8H	4H	20.9	21.6	21.5	22.3	23.0	23.3	24.0	23.9	24.7	25.4
	6H	21.5	22.1	22.1	22.8	23.5	24.7	25.4	25.4	26.1	26.8
	8H	21.7	22.2	22.4	22.9	23.7	25.5	26.1	26.2	26.8	27.6
	12H	21.8	22.3	22.5	23.0	23.8	26.5	27.0	27.2	27.7	28.5

12H	4H	21.0	21.7	21.7	22.4	23.1	23.3	23.9	23.9	24.6	25.4
	6H	21.7	22.3	22.4	23.0	23.8	24.8	25.3	25.5	26.0	26.8
	8H	22.0	22.5	22.7	23.2	24.0	25.7	26.2	26.4	26.8	27.7

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 852.462 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.)