

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-850-HE-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-HE-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	2619
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	177
Total Luminaire Watts	14.8
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	11127	10050	10080
55	9552	8567	8849
65	7919	7293	7887
75	6170	6309	7372
85	4058	6078	7788

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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	847.715	847.715	847.715	847.715	847.715
0.5	843.695	846.911	847.447	847.179	852.807
1.0	843.695	847.179	847.179	846.911	852.539
1.5	842.891	847.179	846.911	846.643	852.807
2.0	842.623	846.375	846.911	846.375	852.003
2.5	842.623	846.375	846.107	846.107	851.467
3.0	841.819	845.571	845.571	845.571	850.931
3.5	841.283	844.767	844.767	845.035	850.395
4.0	840.747	844.231	844.231	843.963	849.859
4.5	839.407	843.427	843.695	843.427	849.055
5.0	838.603	842.623	842.623	842.623	848.251
5.5	837.531	841.551	841.551	841.819	847.179
6.0	836.995	840.211	840.479	840.479	846.107
6.5	835.119	839.139	839.407	839.407	844.767
7.0	834.047	837.799	838.067	837.799	843.695
7.5	832.974	836.191	836.727	836.727	842.355
8.0	831.634	835.119	835.119	835.119	840.479
8.5	830.294	833.243	833.779	833.779	838.871
9.0	828.150	831.902	832.170	831.902	836.995
9.5	826.810	830.026	830.026	830.026	835.923
10.0	824.666	827.882	827.882	828.418	833.779
10.5	822.790	826.006	826.274	826.274	831.902
11.0	820.914	824.130	824.398	824.130	829.758
11.5	818.502	821.986	822.522	821.986	827.882
12.0	816.358	819.574	820.110	820.110	825.470
12.5	814.214	817.162	817.966	817.430	823.326
13.0	811.802	815.018	815.554	815.286	820.914
13.5	809.390	812.338	812.874	812.874	818.770
14.0	806.442	809.658	810.194	810.194	815.822
14.5	804.029	806.978	807.514	807.514	813.678
15.0	801.617	804.297	804.565	804.565	810.462
15.5	798.669	801.081	801.885	801.885	807.246
16.0	795.453	798.133	798.937	798.937	804.565
16.5	792.773	794.917	795.721	795.989	801.617
17.0	789.021	791.433	792.505	792.773	798.401
17.5	785.805	788.217	789.289	789.557	795.185
18.0	782.857	785.001	785.805	786.609	792.237
18.5	779.373	781.785	782.589	783.125	788.753
19.0	775.888	777.764	779.105	779.641	785.001
19.5	771.868	774.548	775.620	776.692	781.517
20.0	767.580	770.528	771.868	772.672	777.764
20.5	763.292	767.044	768.116	769.188	774.280
21.0	759.808	762.756	763.560	765.704	770.528
21.5	755.788	758.736	760.076	761.148	766.508
22.0	751.500	754.984	756.324	757.396	763.024
22.5	747.747	750.159	752.036	753.644	759.004
23.0	743.191	745.871	747.747	749.355	754.716
23.5	738.367	741.315	743.727	745.335	750.695
24.0	733.543	736.759	739.171	741.047	746.407
24.5	729.523	732.203	734.883	736.491	741.583
25.0	724.967	727.647	730.595	732.203	737.295
25.5	719.874	723.090	725.503	727.915	732.203
26.0	715.050	717.998	721.214	723.358	728.183
26.5	709.958	712.906	716.658	718.534	723.626

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**CANDELA TABULATION - (Cont.)**

27.0	704.866	707.546	712.102	714.514	719.070
27.5	698.970	702.454	707.010	709.154	714.514
28.0	694.681	697.362	701.918	704.330	709.422
28.5	689.053	692.269	696.826	699.238	704.330
29.0	683.693	686.909	691.465	694.413	699.506
29.5	678.065	681.281	686.105	689.053	694.145
30.0	672.437	675.921	680.745	684.497	689.589
30.5	666.540	670.025	675.653	679.405	684.229
31.0	660.912	664.396	670.025	674.045	678.601
31.5	655.016	659.036	664.664	668.952	673.777
32.0	649.388	652.872	659.304	663.324	668.148
32.5	643.224	646.976	653.676	657.964	662.788
33.0	637.327	641.347	647.512	652.604	657.428
33.5	631.699	635.451	642.152	646.708	651.800
34.0	624.999	629.287	636.255	641.347	646.708
34.5	618.835	623.391	630.627	635.451	640.811
35.0	613.206	616.959	624.999	630.091	635.183
35.5	605.970	611.062	618.835	624.195	629.287
36.0	600.342	604.630	612.938	618.299	623.659
36.5	593.374	598.198	606.774	612.670	618.299
37.0	586.941	592.034	600.610	606.506	612.670
37.5	580.241	585.333	594.714	601.146	606.506
38.0	573.541	578.901	588.282	594.982	600.074
38.5	566.573	572.201	582.117	589.354	594.178
39.0	560.409	565.501	575.685	583.189	589.354
39.5	553.440	559.336	569.521	577.025	582.921
40.0	545.936	552.368	563.089	571.397	576.757
40.5	538.968	545.668	556.924	565.501	570.861
41.0	532.535	538.968	550.492	559.336	564.697
41.5	525.567	532.267	544.060	553.172	558.800
42.0	518.599	525.567	537.628	547.276	552.904
42.5	511.899	518.599	530.927	541.112	546.740
43.0	504.394	511.899	524.763	535.216	540.844
43.5	497.962	504.930	518.063	529.051	534.948
44.0	490.726	497.962	511.363	523.155	528.783
44.5	484.026	491.262	504.662	516.723	522.619
45.0	477.057	484.294	498.230	511.095	516.991
45.5	470.089	477.593	491.798	505.198	511.095
46.0	463.121	470.625	484.830	498.766	504.930
46.5	456.153	463.657	478.934	493.406	499.034
47.0	448.916	456.957	472.233	486.974	493.138
47.5	441.948	449.988	465.533	480.810	486.974
48.0	435.248	443.020	458.833	475.181	480.810
48.5	427.744	436.320	452.669	468.749	474.913
49.0	421.043	429.084	445.700	462.585	468.749
49.5	414.075	422.383	439.268	456.689	462.853
50.0	406.839	415.415	432.836	450.256	456.689
50.5	400.139	408.715	426.136	444.896	451.061
51.0	393.170	401.747	420.239	438.732	445.164
51.5	386.470	394.778	413.539	432.836	439.268
52.0	379.234	388.078	407.107	426.672	433.372
52.5	372.266	381.110	400.943	420.507	427.744
53.0	365.029	374.410	394.510	415.147	421.579
53.5	358.061	367.709	388.346	408.983	415.951
54.0	351.361	361.009	382.182	403.087	410.323
54.5	344.929	354.041	376.018	397.727	404.695

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**CANDELA TABULATION - (Cont.)**

55.0	338.228	347.609	369.854	391.562	399.603
55.5	332.600	340.908	363.689	385.934	393.438
56.0	326.168	335.012	357.793	380.306	387.810
56.5	319.468	328.848	351.629	374.678	382.450
57.0	313.035	322.684	345.733	369.050	376.822
57.5	306.335	316.252	340.640	363.689	370.658
58.0	299.635	309.819	334.744	357.793	366.101
58.5	293.203	303.387	328.848	352.701	360.741
59.0	286.770	296.955	323.220	348.145	355.113
59.5	280.338	290.791	318.128	342.517	350.825
60.0	273.906	284.358	312.499	337.156	345.465
60.5	267.608	278.194	306.871	332.064	340.104
61.0	261.283	272.030	301.243	326.972	335.012
61.5	255.011	265.919	295.615	321.880	330.188
62.0	248.847	259.862	290.255	317.056	325.096
62.5	242.763	253.859	284.626	312.231	320.272
63.0	236.599	247.882	279.266	307.139	315.984
63.5	230.488	241.986	274.174	302.315	311.159
64.0	224.539	236.170	268.814	297.223	306.335
64.5	218.616	230.488	263.722	292.399	301.511
65.0	212.746	224.780	258.603	287.575	296.955
65.5	206.957	219.205	253.537	282.750	292.131
66.0	201.088	213.631	248.525	277.926	287.575
66.5	195.352	208.190	243.541	273.370	283.018
67.0	189.751	202.803	238.582	268.546	278.462
67.5	184.123	197.496	233.731	264.043	273.906
68.0	178.575	192.324	228.907	259.487	269.618
68.5	173.108	187.178	224.190	255.065	265.142
69.0	167.667	182.086	219.527	250.616	260.908
69.5	162.307	177.101	214.917	246.301	256.700
70.0	156.973	172.196	210.388	242.066	252.519
70.5	151.774	167.345	205.858	237.832	248.391
71.0	146.628	162.548	201.409	233.651	244.318
71.5	141.536	157.858	197.068	229.577	240.298
72.0	136.551	153.141	192.726	225.530	236.385
72.5	131.539	148.585	188.491	221.564	232.499
73.0	126.661	144.055	184.284	217.651	228.586
73.5	121.918	139.580	180.210	213.765	224.780
74.0	117.227	135.238	176.082	210.012	220.947
74.5	112.618	130.869	172.143	206.287	217.329
75.0	108.035	126.608	168.230	202.642	213.818
75.5	103.532	122.454	164.370	199.024	210.254
76.0	99.164	118.380	160.618	195.433	206.770
76.5	94.822	114.360	156.893	191.922	203.285
77.0	90.534	110.366	153.221	188.438	199.909
77.5	86.326	106.480	149.603	185.061	196.558
78.0	82.172	102.675	146.092	181.737	193.262
78.5	78.098	98.922	142.608	178.387	189.992
79.0	74.105	95.277	139.231	175.144	186.776
79.5	70.138	91.659	135.908	171.982	183.560
80.0	66.225	88.095	132.584	168.846	180.505
80.5	62.419	84.637	129.368	165.684	177.396
81.0	58.721	81.234	126.286	162.628	174.367
81.5	54.969	77.910	123.204	159.600	171.339
82.0	51.351	74.668	120.202	156.679	168.417
82.5	47.813	71.478	117.254	153.757	165.550

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**CANDELA TABULATION - (Cont.)**

83.0	44.329	68.369	114.360	150.943	162.762
83.5	40.871	65.341	111.599	148.075	159.868
84.0	37.495	62.393	108.919	145.369	157.107
84.5	34.144	59.552	106.293	142.688	154.400
85.0	30.928	56.791	103.720	140.035	151.694
85.5	27.712	54.165	101.201	137.462	149.067
86.0	24.550	51.645	98.735	134.943	146.467
86.5	21.414	49.287	96.403	132.424	143.868
87.0	18.332	47.009	94.045	130.038	141.322
87.5	15.250	44.892	91.820	127.626	138.883
88.0	12.194	42.828	89.622	125.295	136.417
88.5	9.112	40.898	87.505	122.990	134.032
89.0	6.298	39.076	85.495	120.765	131.673
89.5	3.993	37.387	83.539	118.621	129.368
90.0	2.385	35.887	81.743	116.584	127.251
90.5	1.688	34.573	80.081	114.547	125.000
91.0	1.796	33.367	78.393	112.484	122.856
91.5	2.144	32.215	76.704	110.527	120.712
92.0	2.546	31.250	75.096	108.544	118.621
92.5	2.975	30.419	73.729	106.641	116.557
93.0	3.404	29.695	72.309	104.845	114.574
93.5	3.859	29.133	70.969	103.077	112.698
94.0	4.342	28.650	69.709	101.415	110.876
94.5	4.797	28.302	68.530	99.726	109.000
95.0	5.253	28.034	67.431	98.065	107.204
95.5	5.682	27.846	66.413	96.484	105.435
96.0	6.030	27.766	65.528	94.956	103.693
96.5	6.379	27.766	64.644	93.535	102.085
97.0	6.700	27.793	63.840	92.169	100.477
97.5	7.049	27.900	63.090	90.855	99.003
98.0	7.343	28.007	62.419	89.569	97.502
98.5	7.692	28.141	61.857	88.336	96.108
99.0	8.040	28.302	61.267	87.184	94.741
99.5	8.416	28.489	60.758	86.085	93.401
100.0	8.737	28.677	60.356	85.066	92.195
100.5	9.112	28.891	59.954	84.075	90.963
101.0	9.434	29.106	59.659	83.137	89.864
101.5	9.756	29.320	59.364	82.252	88.738
102.0	10.050	29.535	59.150	81.421	87.746
102.5	10.345	29.749	58.935	80.644	86.755
103.0	10.640	29.990	58.775	79.867	85.870
103.5	10.962	30.232	58.641	79.197	84.959
104.0	11.310	30.446	58.507	78.580	84.128
104.5	11.658	30.687	58.426	77.991	83.351
105.0	11.980	30.928	58.346	77.455	82.601
105.5	12.275	31.143	58.265	76.892	81.957
106.0	12.623	31.411	58.239	76.410	81.314
106.5	12.945	31.652	58.239	75.954	80.671
107.0	13.266	31.920	58.239	75.525	80.135
107.5	13.561	32.134	58.239	75.204	79.572
108.0	13.937	32.402	58.239	74.828	79.009
108.5	14.285	32.670	58.265	74.560	78.634
109.0	14.633	32.885	58.319	74.212	78.259
109.5	15.009	33.126	58.346	73.971	77.857
110.0	15.384	33.367	58.399	73.703	77.535
110.5	15.759	33.608	58.453	73.461	77.240

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**CANDELA TABULATION - (Cont.)**

111.0	16.134	33.850	58.480	73.247	76.919
111.5	16.509	34.064	58.507	73.086	76.651
112.0	16.911	34.305	58.560	72.925	76.329
112.5	17.313	34.546	58.614	72.738	76.034
113.0	17.742	34.788	58.694	72.604	75.900
113.5	18.144	35.002	58.694	72.470	75.713
114.0	18.573	35.216	58.748	72.363	75.525
114.5	18.975	35.458	58.801	72.229	75.364
115.0	19.404	35.645	58.855	72.148	75.230
115.5	19.833	35.887	58.855	72.068	75.096
116.0	20.235	36.101	58.935	71.961	74.936
116.5	20.610	36.315	58.989	71.853	74.882
117.0	21.039	36.557	59.043	71.853	74.748
117.5	21.441	36.744	59.096	71.746	74.668
118.0	21.789	36.932	59.150	71.693	74.560
118.5	22.191	37.119	59.177	71.612	74.534
119.0	22.540	37.307	59.230	71.532	74.373
119.5	22.915	37.441	59.284	71.451	74.346
120.0	23.263	37.575	59.257	71.398	74.212
120.5	23.612	37.736	59.284	71.291	74.185
121.0	23.960	37.843	59.337	71.210	74.078
121.5	24.335	37.977	59.311	71.103	74.024
122.0	24.684	38.138	59.311	71.049	73.944
122.5	25.032	38.299	59.337	70.942	73.756
123.0	25.381	38.459	59.311	70.835	73.729
123.5	25.702	38.593	59.257	70.755	73.569
124.0	25.970	38.701	59.257	70.674	73.542
124.5	26.238	38.808	59.257	70.540	73.435
125.0	26.506	38.942	59.203	70.406	73.327
125.5	26.774	39.022	59.150	70.326	73.193
126.0	27.015	39.129	59.123	70.165	73.086
126.5	27.230	39.263	59.069	70.058	73.006
127.0	27.471	39.317	59.016	69.924	72.899
127.5	27.659	39.397	58.935	69.790	72.711
128.0	27.900	39.397	58.909	69.629	72.604
128.5	28.087	39.451	58.801	69.495	72.497
129.0	28.275	39.505	58.694	69.361	72.363
129.5	28.436	39.585	58.507	69.147	72.202
130.0	28.570	39.639	58.319	69.013	72.041
130.5	28.704	39.692	58.105	68.852	71.853
131.0	28.784	39.773	57.890	68.611	71.666
131.5	28.891	39.853	57.676	68.396	71.478
132.0	28.999	39.933	57.435	68.262	71.317
132.5	29.052	39.960	57.166	67.994	71.076
133.0	29.133	39.987	57.059	67.753	70.781
133.5	29.159	39.960	56.898	67.565	70.647
134.0	29.186	39.907	56.791	67.351	70.460
134.5	29.267	39.799	56.657	67.110	70.111
135.0	29.347	39.719	56.496	66.788	69.843
135.5	29.320	39.505	56.362	66.574	69.629
136.0	29.374	39.478	56.175	66.306	69.361
136.5	29.427	39.397	56.041	66.011	69.093
137.0	29.454	39.263	55.826	65.770	68.798
137.5	29.481	39.129	55.639	65.448	68.530
138.0	29.535	39.049	55.371	65.180	68.208
138.5	29.535	38.942	55.022	64.885	67.967

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**CANDELA TABULATION - (Cont.)**

139.0	29.508	38.861	54.620	64.537	67.592
139.5	29.508	38.754	54.138	64.162	67.324
140.0	29.508	38.620	53.602	63.813	66.949
140.5	29.508	38.540	53.120	63.384	66.547
141.0	29.508	38.486	52.584	62.929	66.225
141.5	29.508	38.379	52.048	62.527	65.904
142.0	29.481	38.325	51.538	62.017	65.555
142.5	29.454	38.245	51.002	61.562	65.153
143.0	29.427	38.165	50.493	61.133	64.751
143.5	29.427	38.057	49.903	60.677	64.376
144.0	29.427	37.923	49.394	60.329	63.947
144.5	29.508	37.816	48.885	59.927	63.572
145.0	29.615	37.709	48.322	59.579	63.143
145.5	29.803	37.575	47.813	59.230	62.714
146.0	30.044	37.468	47.331	58.855	62.312
146.5	30.285	37.361	46.929	58.453	61.857
147.0	30.526	37.227	46.473	58.051	61.401
147.5	30.741	37.173	46.124	57.649	60.945
148.0	30.982	37.066	45.749	57.193	60.463
148.5	31.196	37.039	45.454	56.764	59.981
149.0	31.464	37.039	45.133	56.336	59.552
149.5	31.652	37.119	44.838	55.880	59.016
150.0	31.866	37.173	44.543	55.451	58.453
150.5	32.054	37.200	44.222	54.969	57.863
151.0	32.188	37.280	43.793	54.486	57.166
151.5	32.322	37.307	43.337	53.977	56.523
152.0	32.483	37.361	42.908	53.441	55.880
152.5	32.644	37.414	42.506	52.878	55.183
153.0	32.751	37.441	42.078	52.235	54.620
153.5	32.885	37.521	41.622	51.565	53.977
154.0	32.992	37.495	41.220	50.815	53.441
154.5	33.126	37.521	40.871	50.091	52.905
155.0	33.180	37.575	40.523	49.260	52.503
155.5	33.287	37.602	40.175	48.483	52.074
156.0	33.367	37.602	39.933	47.652	51.699
156.5	33.501	37.602	39.692	46.821	51.217
157.0	33.555	37.655	39.451	46.071	50.761
157.5	33.635	37.655	39.290	45.347	50.252
158.0	33.742	37.629	39.210	44.597	49.769
158.5	33.769	37.629	39.103	43.980	49.207
159.0	33.903	37.548	39.022	43.391	48.724
159.5	34.010	37.495	38.888	42.828	48.188
160.0	34.144	37.441	38.754	42.372	47.652
160.5	34.305	37.414	38.647	41.944	47.143
161.0	34.412	37.334	38.620	41.488	46.634
161.5	34.573	37.307	38.567	41.032	46.258
162.0	34.707	37.253	38.647	40.657	45.937
162.5	34.841	37.253	38.701	40.255	45.562
163.0	35.002	37.227	38.727	39.826	45.240
163.5	35.136	37.227	38.781	39.371	44.838
164.0	35.190	37.227	38.835	38.808	44.463
164.5	35.270	37.173	38.781	38.379	43.980
165.0	35.350	37.173	38.701	37.950	43.498
165.5	35.431	37.146	38.620	37.655	42.989
166.0	35.511	37.119	38.567	37.334	42.212
166.5	35.592	37.119	38.486	37.066	41.836

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L25-850-HE-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	35.699	37.119	38.406	36.825	41.542
167.5	35.753	37.119	38.245	36.610	41.247
168.0	35.833	37.119	38.111	36.396	41.006
168.5	35.994	37.012	37.923	36.208	40.711
169.0	36.074	37.039	37.789	36.021	40.416
169.5	36.208	36.959	37.575	35.806	40.094
170.0	36.262	36.932	37.387	35.538	39.799
170.5	36.342	36.878	37.146	35.243	39.478
171.0	36.396	36.825	36.878	34.922	39.076
171.5	36.476	36.825	36.637	34.627	38.754
172.0	36.610	36.771	36.503	34.332	38.272
172.5	36.691	36.771	36.342	34.010	37.736
173.0	36.798	36.717	36.208	33.716	36.825
173.5	36.932	36.744	36.155	33.421	35.458
174.0	37.039	36.744	36.128	33.180	33.769
174.5	37.119	36.744	36.074	32.938	31.759
175.0	37.280	36.825	36.047	32.751	29.481
175.5	37.334	36.851	36.021	32.670	27.096
176.0	37.441	36.905	36.021	32.590	25.541
176.5	37.468	36.932	35.994	32.590	24.442
177.0	37.575	36.985	35.940	32.510	23.317
177.5	37.602	36.985	35.860	32.483	23.076
178.0	37.709	37.039	35.833	32.456	23.129
178.5	37.763	37.066	35.860	32.402	23.183
179.0	37.816	37.066	35.833	32.322	23.210
179.5	37.870	37.066	35.806	32.295	23.236
180.0	33.957	33.957	33.957	33.957	33.957



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L25-850-HE-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	306.84	N.A.	11.70
0-30	642.93	N.A.	24.50
0-40	1032.78	N.A.	39.40
0-60	1747.84	N.A.	66.70
0-80	2177.49	N.A.	83.10
0-90	2285.55	N.A.	87.30
10-90	2205.56	N.A.	84.20
20-40	725.94	N.A.	27.70
20-50	1109.84	N.A.	42.40
40-70	969.78	N.A.	37.00
60-80	429.66	N.A.	16.40
70-80	174.94	N.A.	6.70
80-90	108.06	N.A.	4.10
90-110	126.21	N.A.	4.80
90-120	179.35	N.A.	6.80
90-130	228.25	N.A.	8.70
90-150	299.65	N.A.	11.40
90-180	333.78	N.A.	12.70
110-180	207.57	N.A.	7.90
0-180	2619.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	79.99
10-20	226.84
20-30	336.09
30-40	389.85
40-50	383.90
50-60	331.16
60-70	254.72
70-80	174.94
80-90	108.06
90-100	69.23
100-110	56.98
110-120	53.13
120-130	48.90
130-140	41.09
140-150	30.31
150-160	19.81
160-170	10.92
170-180	3.40

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L25-850-HE-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-HE-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	17.5	18.9	18.1	19.5	20.1	19.1	20.5	19.7	21.1	21.7
	3H	18.9	20.1	19.5	20.7	21.4	21.3	22.5	21.9	23.1	23.8
	4H	19.3	20.5	19.9	21.1	21.8	22.3	23.5	22.9	24.1	24.8
	6H	19.6	20.7	20.2	21.3	22.0	23.4	24.5	24.0	25.1	25.8
	8H	19.7	20.8	20.3	21.4	22.1	24.0	25.0	24.6	25.6	26.3
	12H	19.8	20.7	20.4	21.4	22.1	24.6	25.6	25.2	26.2	26.9

UGR Viewed Endwise

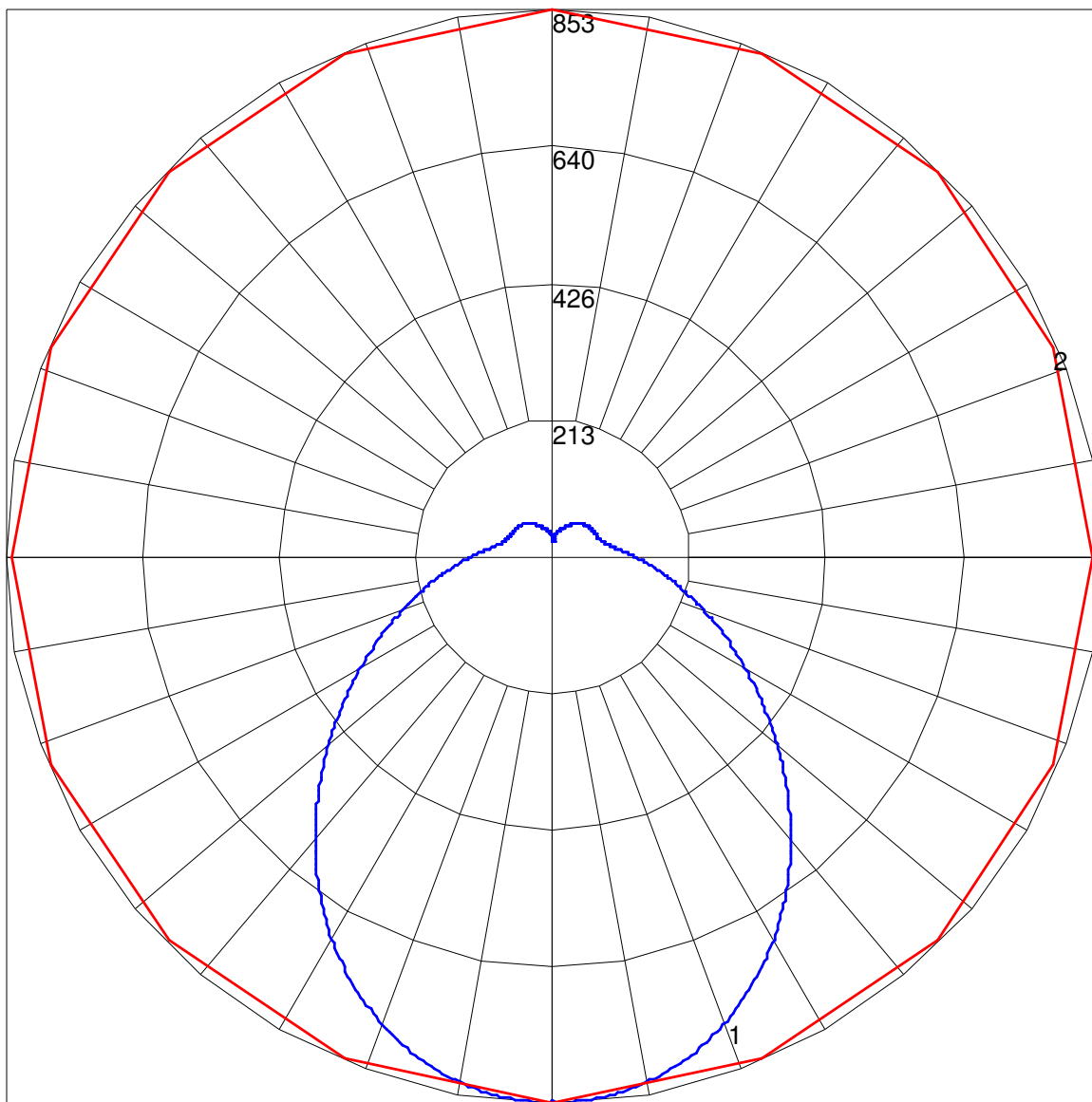
4H	2H	18.3	19.4	18.9	20.0	20.7	19.5	20.7	20.1	21.3	22.0
	3H	19.9	20.9	20.5	21.5	22.2	21.9	22.9	22.6	23.6	24.3
	4H	20.4	21.3	21.1	22.0	22.7	23.2	24.1	23.8	24.7	25.4
	6H	20.8	21.6	21.5	22.3	23.0	24.4	25.2	25.1	25.9	26.6
	8H	21.0	21.7	21.6	22.4	23.1	25.1	25.9	25.8	26.5	27.3
	12H	21.0	21.7	21.7	22.4	23.1	25.9	26.5	26.5	27.2	28.0

8H	4H	21.0	21.7	21.6	22.4	23.1	23.4	24.1	24.0	24.8	25.5
	6H	21.6	22.2	22.2	22.9	23.6	24.8	25.5	25.5	26.2	26.9
	8H	21.8	22.3	22.5	23.0	23.8	25.6	26.2	26.3	26.9	27.7
	12H	21.9	22.4	22.6	23.1	23.9	26.6	27.1	27.3	27.8	28.6

12H	4H	21.1	21.8	21.8	22.5	23.2	23.4	24.0	24.0	24.7	25.5
	6H	21.8	22.4	22.5	23.1	23.9	24.9	25.4	25.6	26.1	26.9
	8H	22.1	22.6	22.8	23.3	24.1	25.8	26.3	26.5	26.9	27.8

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 852.807 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.)