

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-830-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-L25-830-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	2446
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	165
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	10393	9386	9414
55	8922	8001	8265
65	7396	6811	7366
75	5762	5892	6885
85	3790	5677	7274

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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	791.734	791.734	791.734	791.734	791.734
0.5	787.979	790.983	791.483	791.233	796.490
1.0	787.979	791.233	791.233	790.983	796.239
1.5	787.228	791.233	790.983	790.732	796.490
2.0	786.978	790.482	790.983	790.482	795.739
2.5	786.978	790.482	790.232	790.232	795.238
3.0	786.227	789.731	789.731	789.731	794.737
3.5	785.726	788.980	788.980	789.231	794.237
4.0	785.226	788.480	788.480	788.229	793.736
4.5	783.974	787.729	787.979	787.729	792.985
5.0	783.223	786.978	786.978	786.978	792.234
5.5	782.222	785.976	785.976	786.227	791.233
6.0	781.721	784.725	784.975	784.975	790.232
6.5	779.969	783.724	783.974	783.974	788.980
7.0	778.968	782.472	782.722	782.472	787.979
7.5	777.967	780.970	781.471	781.471	786.727
8.0	776.715	779.969	779.969	779.969	784.975
8.5	775.463	778.217	778.717	778.717	783.473
9.0	773.461	776.965	777.216	776.965	781.721
9.5	772.209	775.213	775.213	775.213	780.720
10.0	770.207	773.211	773.211	773.711	778.717
10.5	768.455	771.458	771.709	771.709	776.965
11.0	766.703	769.706	769.957	769.706	774.963
11.5	764.450	767.704	768.204	767.704	773.211
12.0	762.447	765.451	765.952	765.952	770.958
12.5	760.445	763.198	763.949	763.449	768.955
13.0	758.192	761.196	761.696	761.446	766.703
13.5	755.939	758.693	759.193	759.193	764.700
14.0	753.186	756.189	756.690	756.690	761.947
14.5	750.933	753.686	754.187	754.187	759.944
15.0	748.680	751.183	751.434	751.434	756.940
15.5	745.927	748.180	748.930	748.930	753.937
16.0	742.923	745.426	746.177	746.177	751.434
16.5	740.420	742.422	743.173	743.424	748.680
17.0	736.916	739.168	740.170	740.420	745.676
17.5	733.912	736.165	737.166	737.416	742.673
18.0	731.158	733.161	733.912	734.663	739.919
18.5	727.904	730.157	730.908	731.409	736.665
19.0	724.650	726.402	727.654	728.155	733.161
19.5	720.896	723.399	724.400	725.401	729.907
20.0	716.891	719.644	720.896	721.647	726.402
20.5	712.886	716.390	717.391	718.393	723.148
21.0	709.632	712.385	713.136	715.138	719.644
21.5	705.877	708.630	709.882	710.883	715.889
22.0	701.872	705.126	706.378	707.379	712.635
22.5	698.368	700.620	702.373	703.874	708.881
23.0	694.112	696.615	698.368	699.870	704.876
23.5	689.607	692.360	694.613	696.115	701.121
24.0	685.101	688.105	690.358	692.110	697.116
24.5	681.347	683.850	686.353	687.855	692.611
25.0	677.091	679.594	682.348	683.850	688.606
25.5	672.335	675.339	677.592	679.845	683.850
26.0	667.830	670.583	673.587	675.589	680.095
26.5	663.074	665.827	669.332	671.084	675.840

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**CANDELA TABULATION - (Cont.)**

27.0	658.318	660.821	665.076	667.329	671.584
27.5	652.811	656.065	660.320	662.323	667.329
28.0	648.806	651.309	655.564	657.817	662.573
28.5	643.550	646.553	650.809	653.061	657.817
29.0	638.543	641.547	645.802	648.556	653.312
29.5	633.287	636.291	640.796	643.550	648.305
30.0	628.030	631.284	635.790	639.294	644.050
30.5	622.523	625.777	631.034	634.538	639.044
31.0	617.267	620.521	625.777	629.532	633.787
31.5	611.760	615.515	620.771	624.776	629.282
32.0	606.504	609.758	615.765	619.520	624.025
32.5	600.746	604.251	610.508	614.513	619.019
33.0	595.240	598.994	604.751	609.507	614.013
33.5	589.983	593.487	599.745	604.000	608.756
34.0	583.725	587.730	594.238	598.994	604.000
34.5	577.968	582.223	588.982	593.487	598.494
35.0	572.712	576.216	583.725	588.481	593.237
35.5	565.953	570.709	577.968	582.974	587.730
36.0	560.697	564.702	572.461	577.467	582.474
36.5	554.189	558.694	566.704	572.211	577.467
37.0	548.181	552.937	560.947	566.454	572.211
37.5	541.923	546.679	555.440	561.448	566.454
38.0	535.666	540.672	549.433	555.690	560.446
38.5	529.157	534.414	543.675	550.434	554.939
39.0	523.400	528.156	537.668	544.677	550.434
39.5	516.892	522.399	531.911	538.920	544.426
40.0	509.883	515.891	525.903	533.663	538.669
40.5	503.375	509.633	520.146	528.156	533.162
41.0	497.368	503.375	514.139	522.399	527.405
41.5	490.860	497.118	508.131	516.642	521.898
42.0	484.352	490.860	502.124	511.135	516.392
42.5	478.094	484.352	495.866	505.378	510.634
43.0	471.085	478.094	490.109	499.871	505.128
43.5	465.078	471.586	483.851	494.114	499.621
44.0	458.319	465.078	477.593	488.607	493.864
44.5	452.062	458.820	471.336	482.600	488.106
45.0	445.554	452.312	465.328	477.343	482.850
45.5	439.045	446.054	459.321	471.836	477.343
46.0	432.537	439.546	452.813	465.829	471.586
46.5	426.029	433.038	447.306	460.823	466.079
47.0	419.271	426.780	441.048	454.815	460.572
47.5	412.763	420.272	434.790	449.058	454.815
48.0	406.505	413.764	428.532	443.801	449.058
48.5	399.496	407.506	422.775	437.794	443.551
49.0	393.239	400.748	416.267	432.037	437.794
49.5	386.730	394.490	410.260	426.530	432.287
50.0	379.972	387.982	404.252	420.522	426.530
50.5	373.714	381.724	397.994	415.516	421.273
51.0	367.206	375.216	392.488	409.759	415.767
51.5	360.948	368.708	386.230	404.252	410.260
52.0	354.190	362.450	380.222	398.495	404.753
52.5	347.682	355.942	374.465	392.738	399.496
53.0	340.924	349.684	368.458	387.732	393.739
53.5	334.415	343.427	362.701	381.975	388.483
54.0	328.158	337.169	356.943	376.468	383.226
54.5	322.150	330.661	351.186	371.462	377.970

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**CANDELA TABULATION - (Cont.)**

55.0	315.892	324.653	345.429	365.704	373.214
55.5	310.636	318.396	339.672	360.448	367.457
56.0	304.628	312.889	334.165	355.191	362.200
56.5	298.371	307.132	328.408	349.935	357.194
57.0	292.363	301.374	322.901	344.678	351.937
57.5	286.105	295.367	318.145	339.672	346.180
58.0	279.848	289.360	312.638	334.165	341.925
58.5	273.840	283.352	307.132	329.409	336.919
59.0	267.833	277.345	301.875	325.154	331.662
59.5	261.825	271.587	297.119	319.897	327.657
60.0	255.818	265.580	291.863	314.891	322.651
60.5	249.936	259.823	286.606	310.135	317.645
61.0	244.028	254.066	281.350	305.379	312.889
61.5	238.171	248.359	276.093	300.623	308.383
62.0	232.414	242.702	271.087	296.118	303.627
62.5	226.732	237.095	265.830	291.612	299.122
63.0	220.975	231.513	260.824	286.856	295.117
63.5	215.267	226.006	256.068	282.351	290.611
64.0	209.711	220.574	251.062	277.595	286.105
64.5	204.179	215.267	246.306	273.089	281.600
65.0	198.697	209.936	241.525	268.584	277.345
65.5	193.290	204.729	236.794	264.078	272.839
66.0	187.808	199.523	232.113	259.572	268.584
66.5	182.452	194.442	227.458	255.317	264.328
67.0	177.220	189.410	222.827	250.812	260.073
67.5	171.964	184.454	218.296	246.606	255.818
68.0	166.782	179.623	213.791	242.351	251.813
68.5	161.676	174.817	209.385	238.221	247.633
69.0	156.595	170.061	205.030	234.066	243.678
69.5	151.588	165.406	200.724	230.036	239.748
70.0	146.607	160.825	196.494	226.081	235.843
70.5	141.751	156.294	192.264	222.126	231.988
71.0	136.945	151.814	188.109	218.221	228.183
71.5	132.189	147.433	184.054	214.416	224.429
72.0	127.533	143.028	179.999	210.637	220.774
72.5	122.853	138.772	176.044	206.932	217.145
73.0	118.297	134.542	172.114	203.278	213.490
73.5	113.866	130.362	168.309	199.648	209.936
74.0	109.486	126.307	164.454	196.144	206.356
74.5	105.181	122.227	160.775	192.664	202.977
75.0	100.900	118.247	157.120	189.260	199.698
75.5	96.695	114.367	153.516	185.881	196.369
76.0	92.615	110.562	150.011	182.527	193.115
76.5	88.560	106.808	146.532	179.248	189.861
77.0	84.555	103.078	143.103	175.994	186.707
77.5	80.625	99.449	139.724	172.840	183.578
78.0	76.745	95.894	136.445	169.736	180.499
78.5	72.941	92.390	133.190	166.607	177.445
79.0	69.211	88.986	130.037	163.578	174.442
79.5	65.506	85.606	126.933	160.625	171.438
80.0	61.852	82.277	123.829	157.696	168.584
80.5	58.297	79.048	120.825	154.742	165.681
81.0	54.843	75.869	117.947	151.889	162.852
81.5	51.339	72.765	115.068	149.060	160.024
82.0	47.960	69.737	112.264	146.332	157.295
82.5	44.655	66.758	109.511	143.603	154.617

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**CANDELA TABULATION - (Cont.)**

83.0	41.401	63.854	106.808	140.975	152.014
83.5	38.172	61.026	104.229	138.297	149.311
84.0	35.019	58.272	101.726	135.769	146.732
84.5	31.890	55.619	99.273	133.266	144.204
85.0	28.886	53.041	96.870	130.787	141.676
85.5	25.882	50.588	94.517	128.385	139.223
86.0	22.928	48.235	92.215	126.032	136.795
86.5	20.000	46.032	90.037	123.679	134.367
87.0	17.121	43.905	87.834	121.451	131.989
87.5	14.243	41.927	85.757	119.198	129.711
88.0	11.389	40.000	83.704	117.020	127.408
88.5	8.511	38.197	81.727	114.868	125.181
89.0	5.882	36.495	79.849	112.790	122.978
89.5	3.730	34.918	78.022	110.788	120.825
90.0	2.228	33.517	76.345	108.885	118.848
90.5	1.577	32.290	74.793	106.983	116.745
91.0	1.677	31.164	73.216	105.056	114.743
91.5	2.002	30.087	71.639	103.228	112.740
92.0	2.378	29.186	70.137	101.376	110.788
92.5	2.778	28.410	68.861	99.599	108.860
93.0	3.179	27.734	67.534	97.922	107.008
93.5	3.604	27.209	66.282	96.270	105.256
94.0	4.055	26.758	65.106	94.718	103.554
94.5	4.481	26.433	64.005	93.141	101.801
95.0	4.906	26.183	62.978	91.589	100.124
95.5	5.307	26.007	62.027	90.112	98.472
96.0	5.632	25.932	61.201	88.685	96.845
96.5	5.957	25.932	60.375	87.359	95.343
97.0	6.258	25.957	59.624	86.082	93.842
97.5	6.583	26.057	58.923	84.855	92.465
98.0	6.859	26.157	58.297	83.654	91.063
98.5	7.184	26.283	57.772	82.503	89.762
99.0	7.509	26.433	57.221	81.426	88.485
99.5	7.860	26.608	56.746	80.400	87.233
100.0	8.160	26.783	56.370	79.449	86.107
100.5	8.511	26.984	55.995	78.523	84.956
101.0	8.811	27.184	55.719	77.646	83.929
101.5	9.111	27.384	55.444	76.820	82.878
102.0	9.387	27.584	55.244	76.044	81.952
102.5	9.662	27.785	55.043	75.319	81.026
103.0	9.937	28.010	54.893	74.593	80.200
103.5	10.238	28.235	54.768	73.967	79.349
104.0	10.563	28.435	54.643	73.391	78.573
104.5	10.889	28.661	54.568	72.840	77.847
105.0	11.189	28.886	54.493	72.340	77.146
105.5	11.464	29.086	54.418	71.814	76.545
106.0	11.790	29.336	54.393	71.364	75.944
106.5	12.090	29.562	54.393	70.938	75.344
107.0	12.390	29.812	54.393	70.538	74.843
107.5	12.666	30.012	54.393	70.237	74.317
108.0	13.016	30.263	54.393	69.887	73.792
108.5	13.342	30.513	54.418	69.637	73.441
109.0	13.667	30.713	54.468	69.311	73.091
109.5	14.017	30.938	54.493	69.086	72.715
110.0	14.368	31.164	54.543	68.836	72.415
110.5	14.718	31.389	54.593	68.610	72.140

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**CANDELA TABULATION - (Cont.)**

111.0	15.069	31.614	54.618	68.410	71.839
111.5	15.419	31.815	54.643	68.260	71.589
112.0	15.795	32.040	54.693	68.110	71.289
112.5	16.170	32.265	54.743	67.934	71.013
113.0	16.571	32.490	54.818	67.809	70.888
113.5	16.946	32.691	54.818	67.684	70.713
114.0	17.347	32.891	54.868	67.584	70.538
114.5	17.722	33.116	54.918	67.459	70.387
115.0	18.123	33.291	54.968	67.384	70.262
115.5	18.523	33.517	54.968	67.309	70.137
116.0	18.898	33.717	55.043	67.209	69.987
116.5	19.249	33.917	55.093	67.108	69.937
117.0	19.649	34.142	55.144	67.108	69.812
117.5	20.025	34.318	55.194	67.008	69.737
118.0	20.350	34.493	55.244	66.958	69.637
118.5	20.726	34.668	55.269	66.883	69.611
119.0	21.051	34.843	55.319	66.808	69.461
119.5	21.402	34.968	55.369	66.733	69.436
120.0	21.727	35.094	55.344	66.683	69.311
120.5	22.052	35.244	55.369	66.583	69.286
121.0	22.378	35.344	55.419	66.508	69.186
121.5	22.728	35.469	55.394	66.408	69.136
122.0	23.054	35.619	55.394	66.357	69.061
122.5	23.379	35.769	55.419	66.257	68.886
123.0	23.704	35.920	55.394	66.157	68.861
123.5	24.005	36.045	55.344	66.082	68.710
124.0	24.255	36.145	55.344	66.007	68.685
124.5	24.505	36.245	55.344	65.882	68.585
125.0	24.756	36.370	55.294	65.757	68.485
125.5	25.006	36.445	55.244	65.682	68.360
126.0	25.231	36.545	55.219	65.531	68.260
126.5	25.432	36.671	55.169	65.431	68.185
127.0	25.657	36.721	55.118	65.306	68.085
127.5	25.832	36.796	55.043	65.181	67.909
128.0	26.057	36.796	55.018	65.031	67.809
128.5	26.233	36.846	54.918	64.906	67.709
129.0	26.408	36.896	54.818	64.780	67.584
129.5	26.558	36.971	54.643	64.580	67.434
130.0	26.683	37.021	54.468	64.455	67.284
130.5	26.808	37.071	54.267	64.305	67.108
131.0	26.883	37.146	54.067	64.080	66.933
131.5	26.984	37.221	53.867	63.879	66.758
132.0	27.084	37.296	53.642	63.754	66.608
132.5	27.134	37.321	53.391	63.504	66.382
133.0	27.209	37.346	53.291	63.279	66.107
133.5	27.234	37.321	53.141	63.103	65.982
134.0	27.259	37.271	53.041	62.903	65.807
134.5	27.334	37.171	52.916	62.678	65.481
135.0	27.409	37.096	52.766	62.377	65.231
135.5	27.384	36.896	52.640	62.177	65.031
136.0	27.434	36.871	52.465	61.927	64.780
136.5	27.484	36.796	52.340	61.652	64.530
137.0	27.509	36.671	52.140	61.426	64.255
137.5	27.534	36.545	51.965	61.126	64.005
138.0	27.584	36.470	51.714	60.876	63.704
138.5	27.584	36.370	51.389	60.600	63.479

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**CANDELA TABULATION - (Cont.)**

139.0	27.559	36.295	51.013	60.275	63.128
139.5	27.559	36.195	50.563	59.924	62.878
140.0	27.559	36.070	50.062	59.599	62.528
140.5	27.559	35.995	49.612	59.199	62.152
141.0	27.559	35.945	49.111	58.773	61.852
141.5	27.559	35.845	48.610	58.398	61.551
142.0	27.534	35.794	48.135	57.922	61.226
142.5	27.509	35.719	47.634	57.496	60.851
143.0	27.484	35.644	47.159	57.096	60.475
143.5	27.484	35.544	46.608	56.670	60.125
144.0	27.484	35.419	46.132	56.345	59.724
144.5	27.559	35.319	45.657	55.970	59.374
145.0	27.659	35.219	45.131	55.644	58.973
145.5	27.835	35.094	44.655	55.319	58.573
146.0	28.060	34.993	44.205	54.968	58.197
146.5	28.285	34.893	43.829	54.593	57.772
147.0	28.510	34.768	43.404	54.217	57.346
147.5	28.711	34.718	43.079	53.842	56.921
148.0	28.936	34.618	42.728	53.416	56.470
148.5	29.136	34.593	42.453	53.016	56.020
149.0	29.387	34.593	42.152	52.615	55.619
149.5	29.562	34.668	41.877	52.190	55.118
150.0	29.762	34.718	41.602	51.789	54.593
150.5	29.937	34.743	41.301	51.339	54.042
151.0	30.062	34.818	40.901	50.888	53.391
151.5	30.188	34.843	40.475	50.413	52.791
152.0	30.338	34.893	40.075	49.912	52.190
152.5	30.488	34.943	39.699	49.386	51.539
153.0	30.588	34.968	39.299	48.786	51.013
153.5	30.713	35.044	38.873	48.160	50.413
154.0	30.813	35.019	38.498	47.459	49.912
154.5	30.938	35.044	38.172	46.783	49.411
155.0	30.989	35.094	37.847	46.007	49.036
155.5	31.089	35.119	37.522	45.281	48.635
156.0	31.164	35.119	37.296	44.505	48.285
156.5	31.289	35.119	37.071	43.729	47.834
157.0	31.339	35.169	36.846	43.028	47.409
157.5	31.414	35.169	36.696	42.353	46.933
158.0	31.514	35.144	36.620	41.652	46.483
158.5	31.539	35.144	36.520	41.076	45.957
159.0	31.664	35.069	36.445	40.525	45.507
159.5	31.764	35.019	36.320	40.000	45.006
160.0	31.890	34.968	36.195	39.574	44.505
160.5	32.040	34.943	36.095	39.174	44.030
161.0	32.140	34.868	36.070	38.748	43.554
161.5	32.290	34.843	36.020	38.323	43.204
162.0	32.415	34.793	36.095	37.972	42.903
162.5	32.540	34.793	36.145	37.597	42.553
163.0	32.691	34.768	36.170	37.196	42.252
163.5	32.816	34.768	36.220	36.771	41.877
164.0	32.866	34.768	36.270	36.245	41.527
164.5	32.941	34.718	36.220	35.845	41.076
165.0	33.016	34.718	36.145	35.444	40.625
165.5	33.091	34.693	36.070	35.169	40.150
166.0	33.166	34.668	36.020	34.868	39.424
166.5	33.241	34.668	35.945	34.618	39.074

IES INDOOR REPORT  
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CANDELA TABULATION - (Cont.)

167.0	33.341	34.668	35.870	34.393	38.798
167.5	33.391	34.668	35.719	34.192	38.523
168.0	33.467	34.668	35.594	33.992	38.298
168.5	33.617	34.568	35.419	33.817	38.022
169.0	33.692	34.593	35.294	33.642	37.747
169.5	33.817	34.518	35.094	33.442	37.447
170.0	33.867	34.493	34.918	33.191	37.171
170.5	33.942	34.443	34.693	32.916	36.871
171.0	33.992	34.393	34.443	32.616	36.495
171.5	34.067	34.393	34.218	32.340	36.195
172.0	34.192	34.343	34.092	32.065	35.744
172.5	34.268	34.343	33.942	31.764	35.244
173.0	34.368	34.293	33.817	31.489	34.393
173.5	34.493	34.318	33.767	31.214	33.116
174.0	34.593	34.318	33.742	30.989	31.539
174.5	34.668	34.318	33.692	30.763	29.662
175.0	34.818	34.393	33.667	30.588	27.534
175.5	34.868	34.418	33.642	30.513	25.306
176.0	34.968	34.468	33.642	30.438	23.855
176.5	34.993	34.493	33.617	30.438	22.828
177.0	35.094	34.543	33.567	30.363	21.777
177.5	35.119	34.543	33.492	30.338	21.552
178.0	35.219	34.593	33.467	30.313	21.602
178.5	35.269	34.618	33.492	30.263	21.652
179.0	35.319	34.618	33.467	30.188	21.677
179.5	35.369	34.618	33.442	30.162	21.702
180.0	31.714	31.714	31.714	31.714	31.714



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	286.57	N.A.	11.70
0-30	600.47	N.A.	24.50
0-40	964.57	N.A.	39.40
0-60	1632.41	N.A.	66.70
0-80	2033.7	N.A.	83.10
0-90	2134.62	N.A.	87.30
10-90	2059.91	N.A.	84.20
20-40	678.00	N.A.	27.70
20-50	1036.55	N.A.	42.40
40-70	905.74	N.A.	37.00
60-80	401.28	N.A.	16.40
70-80	163.39	N.A.	6.70
80-90	100.92	N.A.	4.10
90-110	117.88	N.A.	4.80
90-120	167.50	N.A.	6.80
90-130	213.17	N.A.	8.70
90-150	279.86	N.A.	11.40
90-180	311.74	N.A.	12.70
110-180	193.86	N.A.	7.90
0-180	2446.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	74.71
10-20	211.86
20-30	313.90
30-40	364.10
40-50	358.55
50-60	309.29
60-70	237.89
70-80	163.39
80-90	100.92
90-100	64.66
100-110	53.22
110-120	49.63
120-130	45.67
130-140	38.38
140-150	28.30
150-160	18.51
160-170	10.20
170-180	3.18

**IES INDOOR REPORT**  
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**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-L25-830-HE-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

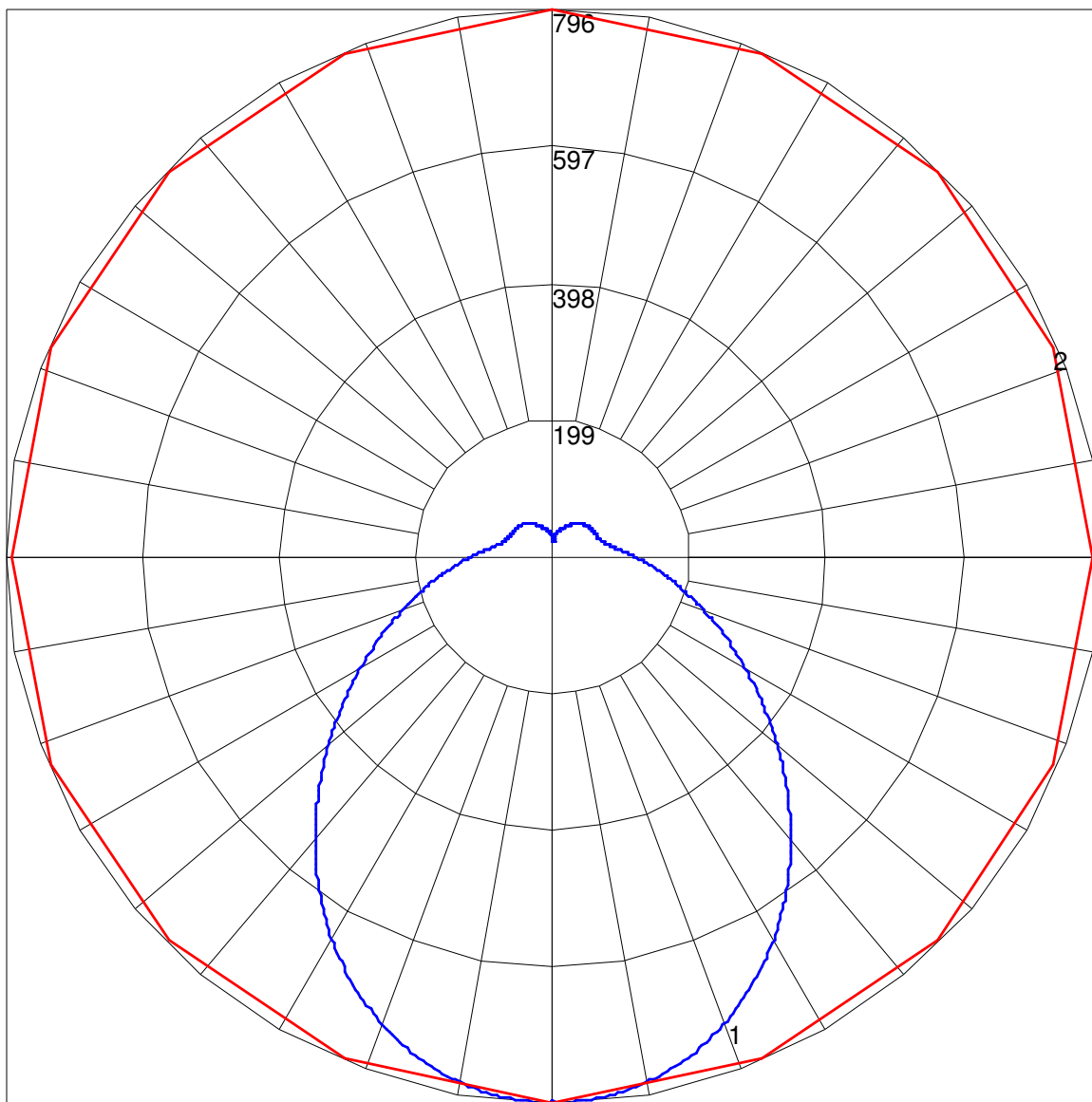
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	17.2	18.6	17.8	19.2	19.8	18.8	20.2	19.4	20.8	21.4
	3H	18.6	19.8	19.2	20.4	21.1	21.0	22.3	21.6	22.8	23.5
	4H	19.0	20.2	19.6	20.8	21.5	22.0	23.2	22.6	23.8	24.5
	6H	19.3	20.4	19.9	21.0	21.7	23.1	24.2	23.7	24.8	25.5
	8H	19.4	20.5	20.0	21.1	21.8	23.7	24.7	24.3	25.4	26.0
	12H	19.5	20.4	20.1	21.1	21.8	24.3	25.3	24.9	25.9	26.6
4H	2H	18.0	19.1	18.6	19.7	20.4	19.2	20.4	19.8	21.0	21.7
	3H	19.6	20.6	20.2	21.2	21.9	21.7	22.6	22.3	23.3	24.0
	4H	20.1	21.0	20.8	21.7	22.4	22.9	23.8	23.5	24.4	25.1
	6H	20.5	21.3	21.2	22.0	22.7	24.2	24.9	24.8	25.6	26.3
	8H	20.7	21.4	21.3	22.1	22.8	24.8	25.6	25.5	26.2	27.0
	12H	20.7	21.4	21.4	22.1	22.8	25.6	26.2	26.2	26.9	27.7
8H	4H	20.7	21.4	21.3	22.1	22.8	23.1	23.8	23.7	24.5	25.2
	6H	21.3	21.9	21.9	22.6	23.3	24.5	25.2	25.2	25.9	26.6
	8H	21.5	22.0	22.2	22.7	23.5	25.3	25.9	26.0	26.6	27.4
	12H	21.6	22.1	22.3	22.8	23.6	26.3	26.8	27.0	27.5	28.3
12H	4H	20.8	21.5	21.5	22.2	22.9	23.1	23.7	23.7	24.4	25.2
	6H	21.5	22.1	22.2	22.8	23.6	24.6	25.1	25.3	25.8	26.6
	8H	21.8	22.3	22.5	23.0	23.8	25.5	26.0	26.2	26.6	27.5

Maximum UGR = 28.3

POLAR GRAPH



Maximum Candela = 796.49 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.)