

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-827-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-L25-827-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	2397
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	162
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	10183	9197	9224
55	8741	7839	8098
65	7246	6674	7217
75	5646	5773	6746
85	3714	5562	7127

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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	775.739	775.739	775.739	775.739	775.739
0.5	772.061	775.004	775.494	775.249	780.399
1.0	772.061	775.249	775.249	775.004	780.154
1.5	771.325	775.249	775.004	774.758	780.399
2.0	771.079	774.513	775.004	774.513	779.663
2.5	771.079	774.513	774.268	774.268	779.173
3.0	770.344	773.777	773.777	773.777	778.682
3.5	769.853	773.042	773.042	773.287	778.192
4.0	769.363	772.551	772.551	772.306	777.701
4.5	768.136	771.815	772.061	771.815	776.966
5.0	767.401	771.079	771.079	771.079	776.230
5.5	766.420	770.098	770.098	770.344	775.249
6.0	765.929	768.872	769.117	769.117	774.268
6.5	764.212	767.891	768.136	768.136	773.042
7.0	763.231	766.665	766.910	766.665	772.061
7.5	762.250	765.193	765.684	765.684	770.834
8.0	761.024	764.212	764.212	764.212	769.117
8.5	759.798	762.496	762.986	762.986	767.646
9.0	757.836	761.269	761.515	761.269	765.929
9.5	756.609	759.553	759.553	759.553	764.948
10.0	754.647	757.591	757.591	758.081	762.986
10.5	752.931	755.874	756.119	756.119	761.269
11.0	751.214	754.157	754.402	754.157	759.307
11.5	749.007	752.195	752.685	752.195	757.591
12.0	747.045	749.988	750.478	750.478	755.383
12.5	745.083	747.780	748.516	748.026	753.421
13.0	742.875	745.818	746.309	746.064	751.214
13.5	740.668	743.366	743.856	743.856	749.252
14.0	737.970	740.913	741.404	741.404	746.554
14.5	735.763	738.461	738.951	738.951	744.592
15.0	733.556	736.008	736.253	736.253	741.649
15.5	730.858	733.065	733.801	733.801	738.706
16.0	727.915	730.367	731.103	731.103	736.253
16.5	725.462	727.424	728.160	728.405	733.556
17.0	722.029	724.236	725.217	725.462	730.613
17.5	719.086	721.293	722.274	722.519	727.669
18.0	716.388	718.350	719.086	719.821	724.972
18.5	713.199	715.407	716.143	716.633	721.783
19.0	710.011	711.728	712.954	713.445	718.350
19.5	706.332	708.785	709.766	710.747	715.162
20.0	702.408	705.106	706.332	707.068	711.728
20.5	698.484	701.918	702.899	703.880	708.540
21.0	695.296	697.994	698.729	700.692	705.106
21.5	691.617	694.315	695.541	696.522	701.427
22.0	687.693	690.881	692.108	693.089	698.239
22.5	684.259	686.467	688.184	689.655	694.560
23.0	680.090	682.543	684.259	685.731	690.636
23.5	675.676	678.373	680.581	682.052	686.957
24.0	671.261	674.204	676.411	678.128	683.033
24.5	667.582	670.035	672.487	673.959	678.619
25.0	663.413	665.865	668.563	670.035	674.695
25.5	658.753	661.696	663.903	666.111	670.035
26.0	654.338	657.036	659.979	661.941	666.356
26.5	649.679	652.376	655.810	657.527	662.187

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CANDELA TABULATION - (Cont.)

27.0	645.019	647.471	651.641	653.848	658.017
27.5	639.623	642.812	646.981	648.943	653.848
28.0	635.699	638.152	642.321	644.528	649.188
28.5	630.549	633.492	637.661	639.868	644.528
29.0	625.644	628.587	632.756	635.454	640.114
29.5	620.493	623.436	627.851	630.549	635.209
30.0	615.343	618.531	622.946	626.379	631.039
30.5	609.947	613.136	618.286	621.720	626.134
31.0	604.797	607.985	613.136	616.815	620.984
31.5	599.401	603.080	608.231	612.155	616.569
32.0	594.251	597.439	603.326	607.004	611.419
32.5	588.610	592.044	598.175	602.099	606.514
33.0	583.215	586.894	592.534	597.194	601.609
33.5	578.064	581.498	587.629	591.799	596.458
34.0	571.933	575.857	582.234	586.894	591.799
34.5	566.292	570.461	577.083	581.498	586.403
35.0	561.142	564.575	571.933	576.593	581.253
35.5	554.520	559.180	566.292	571.197	575.857
36.0	549.370	553.294	560.897	565.802	570.707
36.5	542.993	547.408	555.256	560.651	565.802
37.0	537.107	541.767	549.615	555.010	560.651
37.5	530.976	535.635	544.219	550.105	555.010
38.0	524.844	529.749	538.333	544.465	549.124
38.5	518.468	523.618	532.692	539.314	543.729
39.0	512.827	517.487	526.806	533.673	539.314
39.5	506.450	511.846	521.165	528.032	533.428
40.0	499.583	505.469	515.279	522.882	527.787
40.5	493.206	499.338	509.638	517.487	522.392
41.0	487.320	493.206	503.752	511.846	516.751
41.5	480.944	487.075	497.866	506.205	511.355
42.0	474.567	480.944	491.980	500.809	505.960
42.5	468.436	474.567	485.849	495.168	500.319
43.0	461.569	468.436	480.208	489.773	494.923
43.5	455.682	462.059	474.077	484.132	489.528
44.0	449.061	455.682	467.945	478.736	483.887
44.5	442.929	449.551	461.814	472.850	478.246
45.0	436.553	443.175	455.928	467.700	473.096
45.5	430.176	437.043	450.042	462.304	467.700
46.0	423.799	430.667	443.665	456.418	462.059
46.5	417.423	424.290	438.269	451.513	456.663
47.0	410.801	418.159	432.138	445.627	451.268
47.5	404.424	411.782	426.007	439.986	445.627
48.0	398.293	405.405	419.875	434.836	439.986
48.5	391.426	399.274	414.235	428.950	434.591
49.0	385.294	392.652	407.858	423.309	428.950
49.5	378.918	386.521	401.972	417.913	423.554
50.0	372.296	380.144	396.086	412.027	417.913
50.5	366.165	374.013	389.954	407.122	412.763
51.0	359.788	367.636	384.559	401.481	407.367
51.5	353.657	361.260	378.427	396.086	401.972
52.0	347.035	355.128	372.541	390.445	396.576
52.5	340.658	348.752	366.900	384.804	391.426
53.0	334.036	342.620	361.014	379.899	385.785
53.5	327.660	336.489	355.373	374.258	380.635
54.0	321.528	330.358	349.733	368.862	375.484
54.5	315.642	323.981	344.092	363.957	370.334

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CANDELA TABULATION - (Cont.)

55.0	309.511	318.095	338.451	358.317	365.674
55.5	304.361	311.963	332.810	353.166	360.033
56.0	298.474	306.568	327.414	348.016	354.883
56.5	292.343	300.927	321.774	342.866	349.978
57.0	286.457	295.286	316.378	337.715	344.828
57.5	280.326	289.400	311.718	332.810	339.187
58.0	274.194	283.514	306.323	327.414	335.017
58.5	268.308	277.628	300.927	322.755	330.112
59.0	262.422	271.742	295.777	318.585	324.962
59.5	256.536	266.101	291.117	313.435	321.038
60.0	250.650	260.215	285.967	308.530	316.133
60.5	244.886	254.574	280.816	303.870	311.228
61.0	239.098	248.933	275.666	299.210	306.568
61.5	233.359	243.341	270.515	294.550	302.153
62.0	227.719	237.799	265.610	290.136	297.493
62.5	222.151	232.305	260.460	285.721	293.079
63.0	216.510	226.836	255.555	281.061	289.155
63.5	210.919	221.440	250.895	276.647	284.740
64.0	205.474	216.118	245.990	271.987	280.326
64.5	200.054	210.919	241.330	267.572	275.911
65.0	194.683	205.695	236.646	263.158	271.742
65.5	189.385	200.593	232.011	258.743	267.327
66.0	184.014	195.492	227.424	254.329	263.158
66.5	178.766	190.514	222.863	250.159	258.989
67.0	173.640	185.584	218.325	245.745	254.819
67.5	168.490	180.728	213.886	241.625	250.650
68.0	163.413	175.994	209.472	237.455	246.726
68.5	158.410	171.286	205.155	233.409	242.630
69.0	153.431	166.626	200.888	229.337	238.755
69.5	148.526	162.064	196.669	225.389	234.905
70.0	143.645	157.576	192.525	221.514	231.079
70.5	138.888	153.137	188.380	217.639	227.302
71.0	134.179	148.747	184.309	213.813	223.574
71.5	129.519	144.455	180.335	210.085	219.895
72.0	124.957	140.138	176.362	206.381	216.314
72.5	120.371	135.969	172.487	202.752	212.758
73.0	115.907	131.824	168.637	199.171	209.177
73.5	111.566	127.728	164.909	195.615	205.695
74.0	107.274	123.755	161.132	192.181	202.188
74.5	103.056	119.758	157.527	188.772	198.877
75.0	98.862	115.858	153.946	185.437	195.664
75.5	94.742	112.057	150.414	182.126	192.402
76.0	90.744	108.329	146.981	178.839	189.214
76.5	86.771	104.650	143.572	175.627	186.025
77.0	82.847	100.996	140.212	172.438	182.935
77.5	78.996	97.440	136.901	169.348	179.869
78.0	75.195	93.957	133.688	166.307	176.853
78.5	71.467	90.523	130.500	163.241	173.861
79.0	67.813	87.188	127.410	160.274	170.918
79.5	64.183	83.877	124.368	157.380	167.975
80.0	60.602	80.615	121.327	154.510	165.179
80.5	57.120	77.451	118.384	151.616	162.334
81.0	53.735	74.337	115.564	148.820	159.562
81.5	50.302	71.295	112.743	146.049	156.791
82.0	46.991	68.328	109.997	143.376	154.118
82.5	43.753	65.409	107.299	140.702	151.494

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CANDELA TABULATION - (Cont.)

83.0	40.565	62.564	104.650	138.127	148.943
83.5	37.401	59.793	102.124	135.503	146.294
84.0	34.311	57.095	99.671	133.026	143.768
84.5	31.245	54.496	97.268	130.573	141.291
85.0	28.302	51.969	94.913	128.145	138.814
85.5	25.359	49.566	92.608	125.791	136.410
86.0	22.465	47.261	90.352	123.486	134.031
86.5	19.596	45.102	88.218	121.180	131.653
87.0	16.775	43.018	86.060	118.997	129.323
87.5	13.955	41.080	84.024	116.790	127.091
88.0	11.159	39.192	82.013	114.656	124.834
88.5	8.339	37.426	80.076	112.547	122.652
89.0	5.763	35.758	78.236	110.512	120.493
89.5	3.654	34.213	76.446	108.550	118.384
90.0	2.183	32.840	74.803	106.686	116.447
90.5	1.545	31.638	73.282	104.822	114.387
91.0	1.643	30.534	71.737	102.933	112.425
91.5	1.962	29.480	70.192	101.143	110.463
92.0	2.330	28.597	68.720	99.328	108.550
92.5	2.722	27.836	67.469	97.587	106.661
93.0	3.115	27.174	66.170	95.943	104.846
93.5	3.532	26.659	64.943	94.325	103.129
94.0	3.973	26.218	63.791	92.804	101.462
94.5	4.390	25.899	62.712	91.259	99.745
95.0	4.807	25.654	61.706	89.739	98.102
95.5	5.199	25.482	60.774	88.292	96.483
96.0	5.518	25.408	59.965	86.894	94.889
96.5	5.837	25.408	59.155	85.594	93.417
97.0	6.131	25.433	58.420	84.343	91.946
97.5	6.450	25.531	57.733	83.141	90.597
98.0	6.720	25.629	57.120	81.964	89.224
98.5	7.039	25.752	56.605	80.836	87.948
99.0	7.358	25.899	56.065	79.781	86.697
99.5	7.701	26.071	55.599	78.776	85.471
100.0	7.995	26.242	55.231	77.844	84.367
100.5	8.339	26.438	54.863	76.936	83.239
101.0	8.633	26.635	54.594	76.078	82.234
101.5	8.927	26.831	54.324	75.269	81.204
102.0	9.197	27.027	54.128	74.508	80.296
102.5	9.467	27.223	53.931	73.797	79.389
103.0	9.737	27.444	53.784	73.086	78.579
103.5	10.031	27.665	53.662	72.473	77.746
104.0	10.350	27.861	53.539	71.909	76.985
104.5	10.669	28.082	53.465	71.369	76.274
105.0	10.963	28.302	53.392	70.878	75.587
105.5	11.233	28.499	53.318	70.363	74.999
106.0	11.551	28.744	53.294	69.922	74.410
106.5	11.846	28.965	53.294	69.505	73.822
107.0	12.140	29.210	53.294	69.113	73.331
107.5	12.410	29.406	53.294	68.818	72.816
108.0	12.753	29.651	53.294	68.475	72.301
108.5	13.072	29.896	53.318	68.230	71.958
109.0	13.391	30.093	53.367	67.911	71.614
109.5	13.734	30.313	53.392	67.690	71.246
110.0	14.078	30.534	53.441	67.445	70.952
110.5	14.421	30.755	53.490	67.224	70.682

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CANDELA TABULATION - (Cont.)

111.0	14.764	30.976	53.514	67.028	70.388
111.5	15.108	31.172	53.539	66.881	70.143
112.0	15.476	31.393	53.588	66.734	69.848
112.5	15.843	31.613	53.637	66.562	69.579
113.0	16.236	31.834	53.711	66.439	69.456
113.5	16.604	32.030	53.711	66.317	69.284
114.0	16.996	32.226	53.760	66.219	69.113
114.5	17.364	32.447	53.809	66.096	68.966
115.0	17.756	32.619	53.858	66.022	68.843
115.5	18.149	32.840	53.858	65.949	68.720
116.0	18.517	33.036	53.931	65.851	68.573
116.5	18.860	33.232	53.980	65.753	68.524
117.0	19.252	33.453	54.030	65.753	68.401
117.5	19.620	33.624	54.079	65.655	68.328
118.0	19.939	33.796	54.128	65.606	68.230
118.5	20.307	33.968	54.152	65.532	68.205
119.0	20.626	34.139	54.201	65.458	68.058
119.5	20.969	34.262	54.250	65.385	68.034
120.0	21.288	34.385	54.226	65.336	67.911
120.5	21.607	34.532	54.250	65.238	67.886
121.0	21.926	34.630	54.299	65.164	67.788
121.5	22.269	34.753	54.275	65.066	67.739
122.0	22.588	34.900	54.275	65.017	67.666
122.5	22.907	35.047	54.299	64.919	67.494
123.0	23.226	35.194	54.275	64.821	67.469
123.5	23.520	35.317	54.226	64.747	67.322
124.0	23.765	35.415	54.226	64.674	67.298
124.5	24.010	35.513	54.226	64.551	67.200
125.0	24.256	35.635	54.177	64.428	67.102
125.5	24.501	35.709	54.128	64.355	66.979
126.0	24.722	35.807	54.103	64.208	66.881
126.5	24.918	35.930	54.054	64.109	66.807
127.0	25.139	35.979	54.005	63.987	66.709
127.5	25.310	36.052	53.931	63.864	66.537
128.0	25.531	36.052	53.907	63.717	66.439
128.5	25.703	36.101	53.809	63.594	66.341
129.0	25.874	36.150	53.711	63.472	66.219
129.5	26.021	36.224	53.539	63.276	66.072
130.0	26.144	36.273	53.367	63.153	65.924
130.5	26.267	36.322	53.171	63.006	65.753
131.0	26.340	36.396	52.975	62.785	65.581
131.5	26.438	36.469	52.779	62.589	65.409
132.0	26.537	36.543	52.558	62.466	65.262
132.5	26.586	36.567	52.313	62.221	65.041
133.0	26.659	36.592	52.215	62.000	64.772
133.5	26.684	36.567	52.067	61.829	64.649
134.0	26.708	36.518	51.969	61.632	64.477
134.5	26.782	36.420	51.847	61.412	64.159
135.0	26.855	36.347	51.700	61.117	63.913
135.5	26.831	36.150	51.577	60.921	63.717
136.0	26.880	36.126	51.405	60.676	63.472
136.5	26.929	36.052	51.283	60.406	63.227
137.0	26.953	35.930	51.086	60.185	62.957
137.5	26.978	35.807	50.915	59.891	62.712
138.0	27.027	35.734	50.670	59.646	62.417
138.5	27.027	35.635	50.351	59.376	62.196

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CANDELA TABULATION - (Cont.)

139.0	27.002	35.562	49.983	59.057	61.853
139.5	27.002	35.464	49.541	58.714	61.608
140.0	27.002	35.341	49.051	58.395	61.265
140.5	27.002	35.268	48.609	58.003	60.897
141.0	27.002	35.219	48.119	57.586	60.602
141.5	27.002	35.120	47.628	57.218	60.308
142.0	26.978	35.071	47.162	56.752	59.989
142.5	26.953	34.998	46.672	56.335	59.621
143.0	26.929	34.924	46.206	55.943	59.253
143.5	26.929	34.826	45.666	55.526	58.910
144.0	26.929	34.703	45.200	55.207	58.518
144.5	27.002	34.605	44.734	54.839	58.174
145.0	27.101	34.507	44.219	54.520	57.782
145.5	27.272	34.385	43.753	54.201	57.390
146.0	27.493	34.287	43.312	53.858	57.022
146.5	27.714	34.188	42.944	53.490	56.605
147.0	27.934	34.066	42.527	53.122	56.188
147.5	28.131	34.017	42.208	52.754	55.771
148.0	28.351	33.919	41.865	52.337	55.329
148.5	28.548	33.894	41.595	51.945	54.888
149.0	28.793	33.894	41.301	51.552	54.496
149.5	28.965	33.968	41.031	51.136	54.005
150.0	29.161	34.017	40.761	50.743	53.490
150.5	29.332	34.041	40.467	50.302	52.950
151.0	29.455	34.115	40.075	49.860	52.313
151.5	29.578	34.139	39.658	49.394	51.724
152.0	29.725	34.188	39.265	48.904	51.136
152.5	29.872	34.237	38.897	48.389	50.498
153.0	29.970	34.262	38.505	47.800	49.983
153.5	30.093	34.336	38.088	47.187	49.394
154.0	30.191	34.311	37.720	46.500	48.904
154.5	30.313	34.336	37.401	45.838	48.413
155.0	30.362	34.385	37.082	45.078	48.045
155.5	30.461	34.409	36.764	44.367	47.653
156.0	30.534	34.409	36.543	43.606	47.310
156.5	30.657	34.409	36.322	42.846	46.868
157.0	30.706	34.458	36.101	42.159	46.451
157.5	30.779	34.458	35.954	41.497	45.985
158.0	30.878	34.434	35.881	40.810	45.544
158.5	30.902	34.434	35.783	40.246	45.029
159.0	31.025	34.360	35.709	39.707	44.587
159.5	31.123	34.311	35.586	39.192	44.097
160.0	31.245	34.262	35.464	38.775	43.606
160.5	31.393	34.237	35.366	38.382	43.140
161.0	31.491	34.164	35.341	37.965	42.674
161.5	31.638	34.139	35.292	37.548	42.331
162.0	31.760	34.090	35.366	37.205	42.037
162.5	31.883	34.090	35.415	36.837	41.693
163.0	32.030	34.066	35.439	36.445	41.399
163.5	32.153	34.066	35.488	36.028	41.031
164.0	32.202	34.066	35.537	35.513	40.688
164.5	32.275	34.017	35.488	35.120	40.246
165.0	32.349	34.017	35.415	34.728	39.805
165.5	32.423	33.992	35.341	34.458	39.339
166.0	32.496	33.968	35.292	34.164	38.628
166.5	32.570	33.968	35.219	33.919	38.284

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	32.668	33.968	35.145	33.698	38.014
167.5	32.717	33.968	34.998	33.502	37.745
168.0	32.790	33.968	34.875	33.306	37.524
168.5	32.938	33.870	34.703	33.134	37.254
169.0	33.011	33.894	34.581	32.962	36.984
169.5	33.134	33.821	34.385	32.766	36.690
170.0	33.183	33.796	34.213	32.521	36.420
170.5	33.256	33.747	33.992	32.251	36.126
171.0	33.306	33.698	33.747	31.957	35.758
171.5	33.379	33.698	33.526	31.687	35.464
172.0	33.502	33.649	33.404	31.417	35.022
172.5	33.575	33.649	33.256	31.123	34.532
173.0	33.673	33.600	33.134	30.853	33.698
173.5	33.796	33.624	33.085	30.583	32.447
174.0	33.894	33.624	33.060	30.362	30.902
174.5	33.968	33.624	33.011	30.142	29.063
175.0	34.115	33.698	32.987	29.970	26.978
175.5	34.164	33.722	32.962	29.896	24.795
176.0	34.262	33.772	32.962	29.823	23.373
176.5	34.287	33.796	32.938	29.823	22.367
177.0	34.385	33.845	32.889	29.749	21.337
177.5	34.409	33.845	32.815	29.725	21.116
178.0	34.507	33.894	32.790	29.700	21.165
178.5	34.556	33.919	32.815	29.651	21.214
179.0	34.605	33.919	32.790	29.578	21.239
179.5	34.654	33.919	32.766	29.553	21.264
180.0	31.074	31.074	31.074	31.074	31.074

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-827-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	280.79	N.A.	11.70
0-30	588.34	N.A.	24.50
0-40	945.09	N.A.	39.40
0-60	1599.44	N.A.	66.70
0-80	1992.61	N.A.	83.10
0-90	2091.5	N.A.	87.30
10-90	2018.29	N.A.	84.20
20-40	664.30	N.A.	27.70
20-50	1015.61	N.A.	42.40
40-70	887.44	N.A.	37.00
60-80	393.18	N.A.	16.40
70-80	160.09	N.A.	6.70
80-90	98.88	N.A.	4.10
90-110	115.50	N.A.	4.80
90-120	164.12	N.A.	6.80
90-130	208.87	N.A.	8.70
90-150	274.21	N.A.	11.40
90-180	305.44	N.A.	12.70
110-180	189.94	N.A.	7.90
0-180	2396.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	73.20
10-20	207.58
20-30	307.55
30-40	356.75
40-50	351.31
50-60	303.04
60-70	233.09
70-80	160.09
80-90	98.88
90-100	63.35
100-110	52.14
110-120	48.62
120-130	44.75
130-140	37.60
140-150	27.73
150-160	18.13
160-170	9.99
170-180	3.11

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L25-827-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	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	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-L25-827-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

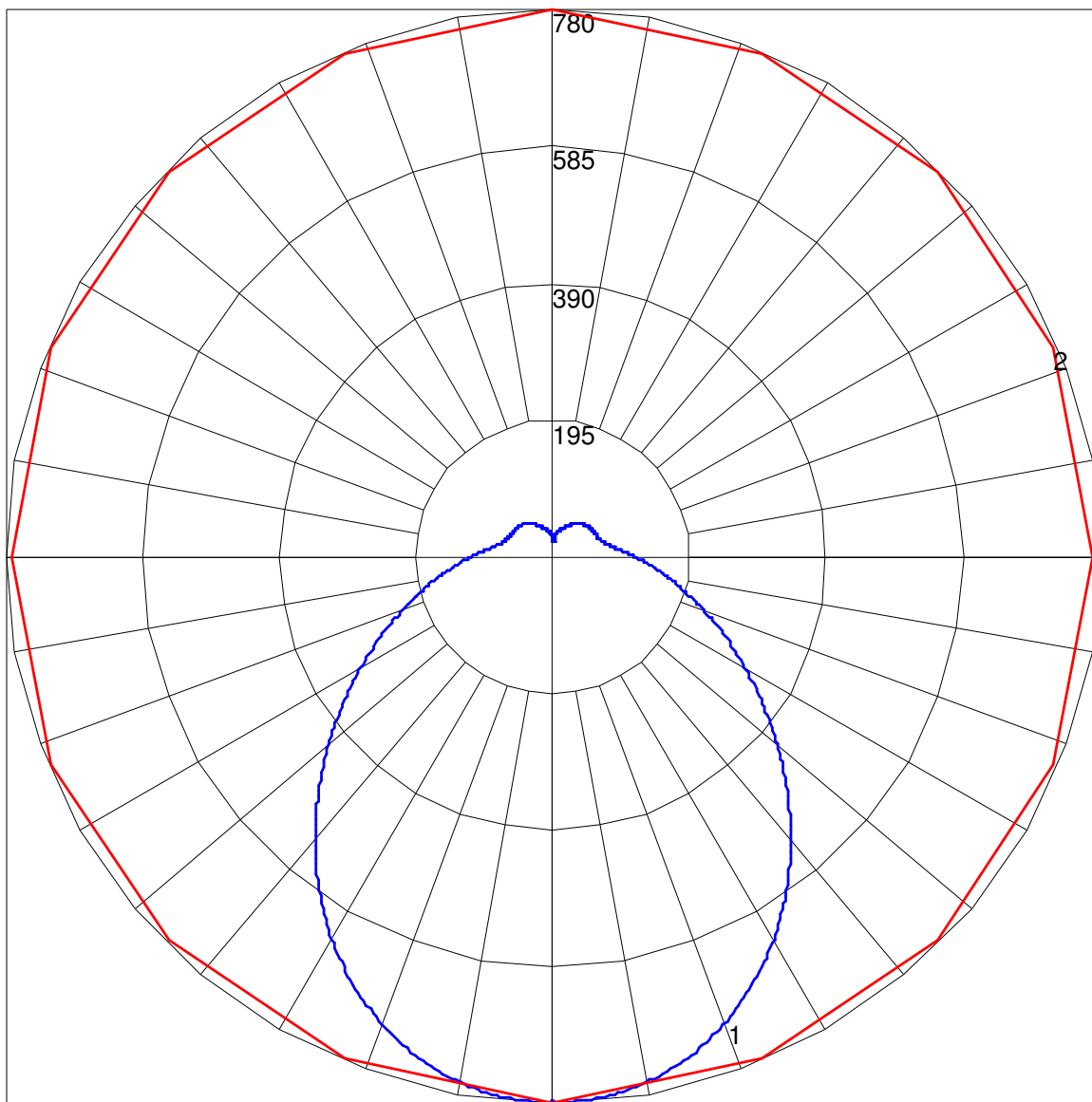
Reflectances

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	17.1	18.5	17.7	19.1	19.7	18.7	20.1	19.3	20.7	21.3
	3H	18.5	19.7	19.1	20.3	21.0	20.9	22.1	21.5	22.7	23.4
	4H	18.9	20.1	19.5	20.7	21.4	21.9	23.1	22.5	23.7	24.4
	6H	19.2	20.3	19.8	20.9	21.6	23.0	24.1	23.6	24.7	25.4
	8H	19.3	20.4	19.9	21.0	21.7	23.6	24.6	24.2	25.3	25.9
	12H	19.4	20.3	20.0	21.0	21.7	24.2	25.2	24.8	25.8	26.5
4H	2H	17.9	19.0	18.5	19.6	20.3	19.1	20.3	19.7	20.9	21.6
	3H	19.5	20.5	20.1	21.1	21.8	21.5	22.5	22.2	23.2	23.9
	4H	20.0	20.9	20.7	21.6	22.3	22.8	23.7	23.4	24.3	25.0
	6H	20.4	21.2	21.1	21.9	22.6	24.1	24.8	24.7	25.5	26.2
	8H	20.6	21.3	21.2	22.0	22.7	24.7	25.5	25.4	26.1	26.9
	12H	20.6	21.3	21.3	22.0	22.7	25.5	26.1	26.1	26.8	27.6
8H	4H	20.6	21.3	21.2	22.0	22.7	23.0	23.7	23.6	24.4	25.1
	6H	21.2	21.8	21.8	22.5	23.2	24.4	25.1	25.1	25.8	26.5
	8H	21.4	21.9	22.1	22.6	23.4	25.2	25.8	25.9	26.5	27.3
	12H	21.5	22.0	22.2	22.7	23.5	26.2	26.7	26.9	27.4	28.2
12H	4H	20.7	21.4	21.4	22.1	22.8	23.0	23.6	23.6	24.3	25.1
	6H	21.4	22.0	22.1	22.7	23.5	24.5	25.0	25.2	25.7	26.5
	8H	21.7	22.2	22.4	22.9	23.7	25.4	25.9	26.1	26.5	27.4

Maximum UGR = 28.2

POLAR GRAPH



Maximum Candela = 780.399 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.)