

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L25-935-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-L25-935-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	2050
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	8709	7866	7890
55	7477	6705	6926
65	6198	5708	6173
75	4829	4938	5770
85	3177	4757	6096

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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	663.508	663.508	663.508	663.508	663.508
0.5	660.362	662.879	663.298	663.089	667.494
1.0	660.362	663.089	663.089	662.879	667.284
1.5	659.732	663.089	662.879	662.669	667.494
2.0	659.523	662.459	662.879	662.459	666.865
2.5	659.523	662.459	662.250	662.250	666.445
3.0	658.893	661.830	661.830	661.830	666.025
3.5	658.474	661.201	661.201	661.410	665.606
4.0	658.054	660.781	660.781	660.571	665.186
4.5	657.005	660.152	660.362	660.152	664.557
5.0	656.376	659.523	659.523	659.523	663.928
5.5	655.537	658.683	658.683	658.893	663.089
6.0	655.117	657.635	657.844	657.844	662.250
6.5	653.649	656.795	657.005	657.005	661.201
7.0	652.810	655.747	655.956	655.747	660.362
7.5	651.971	654.488	654.908	654.908	659.313
8.0	650.922	653.649	653.649	653.649	657.844
8.5	649.873	652.181	652.600	652.600	656.586
9.0	648.195	651.132	651.341	651.132	655.117
9.5	647.146	649.663	649.663	649.663	654.278
10.0	645.468	647.985	647.985	648.405	652.600
10.5	643.999	646.517	646.726	646.726	651.132
11.0	642.531	645.048	645.258	645.048	649.453
11.5	640.643	643.370	643.790	643.370	647.985
12.0	638.965	641.482	641.902	641.902	646.097
12.5	637.287	639.594	640.224	639.804	644.419
13.0	635.399	637.916	638.336	638.126	642.531
13.5	633.511	635.818	636.238	636.238	640.853
14.0	631.203	633.721	634.140	634.140	638.545
14.5	629.315	631.623	632.042	632.042	636.867
15.0	627.427	629.525	629.735	629.735	634.350
15.5	625.120	627.008	627.637	627.637	631.833
16.0	622.603	624.700	625.330	625.330	629.735
16.5	620.505	622.183	622.812	623.022	627.427
17.0	617.568	619.456	620.295	620.505	624.910
17.5	615.051	616.939	617.778	617.988	622.393
18.0	612.743	614.422	615.051	615.680	620.085
18.5	610.016	611.904	612.534	612.953	617.358
19.0	607.289	608.758	609.807	610.226	614.422
19.5	604.143	606.240	607.080	607.919	611.695
20.0	600.786	603.094	604.143	604.772	608.758
20.5	597.430	600.367	601.206	602.045	606.031
21.0	594.703	597.011	597.640	599.318	603.094
21.5	591.556	593.864	594.913	595.752	599.947
22.0	588.200	590.927	591.976	592.815	597.220
22.5	585.263	587.151	588.620	589.878	594.074
23.0	581.697	583.795	585.263	586.522	590.717
23.5	577.921	580.229	582.117	583.375	587.571
24.0	574.145	576.663	578.551	580.019	584.214
24.5	570.999	573.097	575.194	576.453	580.439
25.0	567.433	569.530	571.838	573.097	577.082
25.5	563.447	565.964	567.852	569.740	573.097
26.0	559.671	561.979	564.496	566.174	569.950
26.5	555.685	557.993	560.930	562.398	566.384

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**CANDELA TABULATION - (Cont.)**

27.0	551.700	553.798	557.364	559.252	562.818
27.5	547.085	549.812	553.378	555.056	559.252
28.0	543.728	545.826	549.392	551.280	555.266
28.5	539.323	541.841	545.407	547.295	551.280
29.0	535.128	537.645	541.211	543.519	547.504
29.5	530.723	533.240	537.016	539.323	543.309
30.0	526.317	529.044	532.820	535.757	539.743
30.5	521.702	524.429	528.835	531.772	535.547
31.0	517.297	520.024	524.429	527.576	531.142
31.5	512.682	515.829	520.234	523.590	527.366
32.0	508.277	511.004	516.039	519.185	522.961
32.5	503.452	506.389	511.633	514.990	518.766
33.0	498.837	501.984	506.809	510.794	514.570
33.5	494.432	497.369	502.613	506.179	510.165
34.0	489.188	492.544	497.998	501.984	506.179
34.5	484.363	487.929	493.593	497.369	501.564
35.0	479.958	482.895	489.188	493.173	497.159
35.5	474.294	478.280	484.363	488.559	492.544
36.0	469.889	473.245	479.748	483.944	488.139
36.5	464.435	468.211	474.923	479.538	483.944
37.0	459.400	463.386	470.099	474.714	479.538
37.5	454.156	458.142	465.484	470.518	474.714
38.0	448.912	453.107	460.449	465.693	469.679
38.5	443.458	447.863	455.624	461.288	465.064
39.0	438.633	442.618	450.590	456.463	461.288
39.5	433.179	437.794	445.765	451.639	456.254
40.0	427.305	432.340	440.731	447.233	451.429
40.5	421.851	427.095	435.906	442.618	446.814
41.0	416.817	421.851	430.871	437.794	441.989
41.5	411.362	416.607	425.837	432.969	437.374
42.0	405.908	411.362	420.802	428.354	432.759
42.5	400.664	405.908	415.558	423.529	427.934
43.0	394.791	400.664	410.733	418.914	423.319
43.5	389.756	395.210	405.489	414.090	418.705
44.0	384.092	389.756	400.245	409.475	413.880
44.5	378.848	384.512	395.000	404.440	409.055
45.0	373.394	379.058	389.966	400.035	404.650
45.5	367.940	373.813	384.931	395.420	400.035
46.0	362.486	368.359	379.477	390.385	395.210
46.5	357.032	362.905	374.862	386.190	390.595
47.0	351.368	357.661	369.618	381.155	385.980
47.5	345.914	352.207	364.374	376.331	381.155
48.0	340.669	346.753	359.129	371.925	376.331
48.5	334.796	341.508	354.305	366.891	371.716
49.0	329.551	335.845	348.850	362.066	366.891
49.5	324.097	330.600	343.816	357.451	362.276
50.0	318.434	325.146	338.781	352.417	357.451
50.5	313.189	319.902	333.537	348.221	353.046
51.0	307.735	314.448	328.922	343.396	348.431
51.5	302.491	308.994	323.678	338.781	343.816
52.0	296.827	303.750	318.643	333.957	339.201
52.5	291.373	298.295	313.819	329.132	334.796
53.0	285.709	293.051	308.784	324.937	329.971
53.5	280.255	287.807	303.959	320.112	325.566
54.0	275.011	282.563	299.135	315.497	321.161
54.5	269.976	277.109	294.310	311.301	316.755

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**CANDELA TABULATION - (Cont.)**

55.0	264.732	272.074	289.485	306.477	312.770
55.5	260.327	266.830	284.660	302.071	307.945
56.0	255.292	262.215	280.045	297.666	303.540
56.5	250.048	257.390	275.221	293.261	299.344
57.0	245.013	252.565	270.606	288.856	294.939
57.5	239.769	247.531	266.620	284.660	290.114
58.0	234.525	242.496	262.005	280.045	286.548
58.5	229.490	237.462	257.390	276.060	282.353
59.0	224.456	232.427	252.985	272.494	277.948
59.5	219.421	227.602	248.999	268.088	274.591
60.0	214.387	222.568	244.594	263.893	270.396
60.5	209.457	217.743	240.189	259.907	266.200
61.0	204.507	212.918	235.783	255.922	262.215
61.5	199.598	208.136	231.378	251.936	258.439
62.0	194.773	203.395	227.183	248.160	254.453
62.5	190.011	198.696	222.778	244.384	250.677
63.0	185.187	194.018	218.582	240.398	247.321
63.5	180.404	189.403	214.597	236.623	243.545
64.0	175.747	184.851	210.401	232.637	239.769
64.5	171.111	180.404	206.415	228.861	235.993
65.0	166.517	175.936	202.409	225.085	232.427
65.5	161.986	171.572	198.444	221.309	228.651
66.0	157.392	167.209	194.521	217.533	225.085
66.5	152.903	162.951	190.620	213.967	221.519
67.0	148.518	158.734	186.739	210.191	217.953
67.5	144.113	154.581	182.942	206.667	214.387
68.0	139.771	150.532	179.166	203.101	211.030
68.5	135.492	146.505	175.474	199.640	207.527
69.0	131.233	142.519	171.824	196.158	204.213
69.5	127.038	138.617	168.216	192.780	200.919
70.0	122.863	134.778	164.671	189.466	197.647
70.5	118.794	130.982	161.126	186.151	194.417
71.0	114.766	127.227	157.644	182.879	191.228
71.5	110.780	123.556	154.245	179.691	188.081
72.0	106.879	119.864	150.847	176.523	185.019
72.5	102.956	116.297	147.533	173.418	181.977
73.0	99.138	112.752	144.239	170.356	178.914
73.5	95.425	109.249	141.051	167.314	175.936
74.0	91.754	105.851	137.820	164.377	172.936
74.5	88.146	102.432	134.736	161.461	170.104
75.0	84.559	99.096	131.674	158.608	167.356
75.5	81.035	95.845	128.653	155.777	164.566
76.0	77.616	92.656	125.716	152.966	161.839
76.5	74.217	89.510	122.800	150.218	159.112
77.0	70.861	86.384	119.927	147.491	156.469
77.5	67.567	83.342	117.095	144.847	153.847
78.0	64.316	80.364	114.347	142.246	151.266
78.5	61.128	77.427	111.620	139.624	148.707
79.0	58.002	74.574	108.976	137.086	146.190
79.5	54.897	71.742	106.375	134.611	143.673
80.0	51.835	68.952	103.774	132.156	141.281
80.5	48.856	66.246	101.257	129.681	138.848
81.0	45.961	63.582	98.844	127.290	136.478
81.5	43.024	60.981	96.432	124.919	134.107
82.0	40.192	58.442	94.083	122.633	131.821
82.5	37.423	55.946	91.775	120.346	129.576

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**CANDELA TABULATION - (Cont.)**

83.0	34.696	53.513	89.510	118.143	127.394
83.5	31.990	51.142	87.349	115.899	125.129
84.0	29.347	48.835	85.251	113.780	122.968
84.5	26.725	46.611	83.195	111.683	120.850
85.0	24.208	44.451	81.182	109.606	118.731
85.5	21.690	42.395	79.210	107.592	116.675
86.0	19.215	40.423	77.280	105.620	114.640
86.5	16.761	38.577	75.455	103.648	112.606
87.0	14.348	36.794	73.609	101.781	110.613
87.5	11.936	35.137	71.868	99.893	108.704
88.0	9.545	33.522	70.148	98.068	106.774
88.5	7.132	32.011	68.490	96.264	104.907
89.0	4.930	30.585	66.917	94.523	103.061
89.5	3.126	29.263	65.386	92.845	101.257
90.0	1.867	28.088	63.980	91.251	99.600
90.5	1.322	27.061	62.680	89.656	97.838
91.0	1.405	26.117	61.358	88.041	96.159
91.5	1.678	25.215	60.037	86.510	94.481
92.0	1.993	24.459	58.778	84.958	92.845
92.5	2.328	23.809	57.708	83.468	91.230
93.0	2.664	23.243	56.596	82.063	89.677
93.5	3.021	22.802	55.548	80.678	88.209
94.0	3.398	22.425	54.562	79.378	86.783
94.5	3.755	22.152	53.639	78.056	85.314
95.0	4.112	21.942	52.779	76.756	83.909
95.5	4.447	21.795	51.981	75.518	82.524
96.0	4.720	21.732	51.289	74.322	81.161
96.5	4.993	21.732	50.597	73.210	79.902
97.0	5.244	21.753	49.968	72.141	78.643
97.5	5.517	21.837	49.380	71.113	77.490
98.0	5.748	21.921	48.856	70.106	76.315
98.5	6.020	22.026	48.415	69.141	75.224
99.0	6.293	22.152	47.954	68.239	74.154
99.5	6.587	22.299	47.555	67.379	73.105
100.0	6.839	22.446	47.241	66.582	72.161
100.5	7.132	22.613	46.926	65.805	71.197
101.0	7.384	22.781	46.695	65.071	70.336
101.5	7.636	22.949	46.464	64.379	69.455
102.0	7.866	23.117	46.297	63.729	68.679
102.5	8.097	23.285	46.129	63.120	67.903
103.0	8.328	23.473	46.003	62.512	67.211
103.5	8.580	23.662	45.898	61.988	66.498
104.0	8.852	23.830	45.793	61.505	65.847
104.5	9.125	24.019	45.730	61.044	65.239
105.0	9.377	24.208	45.667	60.624	64.652
105.5	9.608	24.375	45.604	60.184	64.148
106.0	9.880	24.585	45.583	59.806	63.645
106.5	10.132	24.774	45.583	59.449	63.141
107.0	10.384	24.984	45.583	59.114	62.722
107.5	10.614	25.152	45.583	58.862	62.281
108.0	10.908	25.361	45.583	58.568	61.841
108.5	11.181	25.571	45.604	58.359	61.547
109.0	11.454	25.739	45.646	58.086	61.253
109.5	11.747	25.928	45.667	57.897	60.939
110.0	12.041	26.117	45.709	57.687	60.687
110.5	12.335	26.305	45.751	57.498	60.456

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**CANDELA TABULATION - (Cont.)**

111.0	12.628	26.494	45.772	57.331	60.205
111.5	12.922	26.662	45.793	57.205	59.995
112.0	13.237	26.851	45.835	57.079	59.743
112.5	13.551	27.040	45.877	56.932	59.512
113.0	13.887	27.228	45.940	56.827	59.407
113.5	14.202	27.396	45.940	56.722	59.261
114.0	14.537	27.564	45.982	56.638	59.114
114.5	14.852	27.753	46.024	56.533	58.988
115.0	15.187	27.900	46.066	56.471	58.883
115.5	15.523	28.088	46.066	56.408	58.778
116.0	15.838	28.256	46.129	56.324	58.652
116.5	16.131	28.424	46.171	56.240	58.610
117.0	16.467	28.613	46.213	56.240	58.505
117.5	16.782	28.760	46.255	56.156	58.442
118.0	17.054	28.907	46.297	56.114	58.359
118.5	17.369	29.053	46.318	56.051	58.338
119.0	17.642	29.200	46.360	55.988	58.212
119.5	17.935	29.305	46.402	55.925	58.191
120.0	18.208	29.410	46.381	55.883	58.086
120.5	18.481	29.536	46.402	55.799	58.065
121.0	18.754	29.620	46.443	55.736	57.981
121.5	19.047	29.725	46.422	55.652	57.939
122.0	19.320	29.851	46.422	55.611	57.876
122.5	19.593	29.976	46.443	55.527	57.729
123.0	19.865	30.102	46.422	55.443	57.708
123.5	20.117	30.207	46.381	55.380	57.582
124.0	20.327	30.291	46.381	55.317	57.561
124.5	20.537	30.375	46.381	55.212	57.477
125.0	20.746	30.480	46.339	55.107	57.394
125.5	20.956	30.543	46.297	55.044	57.289
126.0	21.145	30.627	46.276	54.918	57.205
126.5	21.313	30.732	46.234	54.834	57.142
127.0	21.502	30.774	46.192	54.729	57.058
127.5	21.648	30.836	46.129	54.625	56.911
128.0	21.837	30.836	46.108	54.499	56.827
128.5	21.984	30.878	46.024	54.394	56.743
129.0	22.131	30.920	45.940	54.289	56.638
129.5	22.257	30.983	45.793	54.121	56.513
130.0	22.362	31.025	45.646	54.016	56.387
130.5	22.467	31.067	45.479	53.890	56.240
131.0	22.529	31.130	45.311	53.702	56.093
131.5	22.613	31.193	45.143	53.534	55.946
132.0	22.697	31.256	44.954	53.429	55.820
132.5	22.739	31.277	44.744	53.219	55.631
133.0	22.802	31.298	44.660	53.030	55.401
133.5	22.823	31.277	44.535	52.883	55.296
134.0	22.844	31.235	44.451	52.716	55.149
134.5	22.907	31.151	44.346	52.527	54.876
135.0	22.970	31.088	44.220	52.275	54.667
135.5	22.949	30.920	44.115	52.107	54.499
136.0	22.991	30.899	43.968	51.898	54.289
136.5	23.033	30.836	43.863	51.667	54.079
137.0	23.054	30.732	43.695	51.478	53.848
137.5	23.075	30.627	43.549	51.226	53.639
138.0	23.117	30.564	43.339	51.017	53.387
138.5	23.117	30.480	43.066	50.786	53.198

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**CANDELA TABULATION - (Cont.)**

139.0	23.096	30.417	42.751	50.513	52.904
139.5	23.096	30.333	42.374	50.219	52.695
140.0	23.096	30.228	41.954	49.947	52.401
140.5	23.096	30.165	41.577	49.611	52.086
141.0	23.096	30.123	41.157	49.254	51.835
141.5	23.096	30.039	40.738	48.940	51.583
142.0	23.075	29.997	40.339	48.541	51.310
142.5	23.054	29.934	39.920	48.185	50.996
143.0	23.033	29.872	39.521	47.849	50.681
143.5	23.033	29.788	39.060	47.492	50.387
144.0	23.033	29.683	38.661	47.220	50.052
144.5	23.096	29.599	38.262	46.905	49.758
145.0	23.180	29.515	37.822	46.632	49.422
145.5	23.327	29.410	37.423	46.360	49.087
146.0	23.515	29.326	37.046	46.066	48.772
146.5	23.704	29.242	36.731	45.751	48.415
147.0	23.893	29.137	36.374	45.437	48.059
147.5	24.061	29.095	36.102	45.122	47.702
148.0	24.250	29.011	35.808	44.765	47.325
148.5	24.417	28.990	35.577	44.430	46.947
149.0	24.627	28.990	35.326	44.094	46.611
149.5	24.774	29.053	35.095	43.737	46.192
150.0	24.942	29.095	34.864	43.402	45.751
150.5	25.089	29.116	34.612	43.024	45.290
151.0	25.194	29.179	34.277	42.647	44.744
151.5	25.298	29.200	33.920	42.248	44.241
152.0	25.424	29.242	33.584	41.828	43.737
152.5	25.550	29.284	33.270	41.388	43.192
153.0	25.634	29.305	32.934	40.885	42.751
153.5	25.739	29.368	32.578	40.360	42.248
154.0	25.823	29.347	32.263	39.773	41.828
154.5	25.928	29.368	31.990	39.206	41.409
155.0	25.970	29.410	31.717	38.556	41.094
155.5	26.054	29.431	31.445	37.948	40.759
156.0	26.117	29.431	31.256	37.297	40.465
156.5	26.221	29.431	31.067	36.647	40.087
157.0	26.263	29.473	30.878	36.060	39.731
157.5	26.326	29.473	30.753	35.493	39.332
158.0	26.410	29.452	30.690	34.906	38.955
158.5	26.431	29.452	30.606	34.424	38.514
159.0	26.536	29.389	30.543	33.962	38.137
159.5	26.620	29.347	30.438	33.522	37.717
160.0	26.725	29.305	30.333	33.165	37.297
160.5	26.851	29.284	30.249	32.829	36.899
161.0	26.935	29.221	30.228	32.473	36.500
161.5	27.061	29.200	30.186	32.116	36.207
162.0	27.165	29.158	30.249	31.822	35.955
162.5	27.270	29.158	30.291	31.508	35.661
163.0	27.396	29.137	30.312	31.172	35.409
163.5	27.501	29.137	30.354	30.815	35.095
164.0	27.543	29.137	30.396	30.375	34.801
164.5	27.606	29.095	30.354	30.039	34.424
165.0	27.669	29.095	30.291	29.704	34.046
165.5	27.732	29.074	30.228	29.473	33.647
166.0	27.795	29.053	30.186	29.221	33.039
166.5	27.858	29.053	30.123	29.011	32.745

IES INDOOR REPORT  
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CANDELA TABULATION - (Cont.)

167.0	27.942	29.053	30.060	28.823	32.515
167.5	27.984	29.053	29.934	28.655	32.284
168.0	28.046	29.053	29.830	28.487	32.095
168.5	28.172	28.969	29.683	28.340	31.864
169.0	28.235	28.990	29.578	28.193	31.634
169.5	28.340	28.928	29.410	28.026	31.382
170.0	28.382	28.907	29.263	27.816	31.151
170.5	28.445	28.865	29.074	27.585	30.899
171.0	28.487	28.823	28.865	27.333	30.585
171.5	28.550	28.823	28.676	27.103	30.333
172.0	28.655	28.781	28.571	26.872	29.955
172.5	28.718	28.781	28.445	26.620	29.536
173.0	28.802	28.739	28.340	26.389	28.823
173.5	28.907	28.760	28.298	26.159	27.753
174.0	28.990	28.760	28.277	25.970	26.431
174.5	29.053	28.760	28.235	25.781	24.858
175.0	29.179	28.823	28.214	25.634	23.075
175.5	29.221	28.844	28.193	25.571	21.208
176.0	29.305	28.886	28.193	25.508	19.991
176.5	29.326	28.907	28.172	25.508	19.131
177.0	29.410	28.949	28.130	25.445	18.250
177.5	29.431	28.949	28.067	25.424	18.061
178.0	29.515	28.990	28.046	25.403	18.103
178.5	29.557	29.011	28.067	25.361	18.145
179.0	29.599	29.011	28.046	25.298	18.166
179.5	29.641	29.011	28.026	25.278	18.187
180.0	26.578	26.578	26.578	26.578	26.578



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L25-935-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	240.16	N.A.	11.70
0-30	503.22	N.A.	24.50
0-40	808.36	N.A.	39.40
0-60	1368.04	N.A.	66.70
0-80	1704.33	N.A.	83.10
0-90	1788.91	N.A.	87.30
10-90	1726.29	N.A.	84.20
20-40	568.19	N.A.	27.70
20-50	868.67	N.A.	42.40
40-70	759.05	N.A.	37.00
60-80	336.29	N.A.	16.40
70-80	136.93	N.A.	6.70
80-90	84.58	N.A.	4.10
90-110	98.79	N.A.	4.80
90-120	140.37	N.A.	6.80
90-130	178.65	N.A.	8.70
90-150	234.53	N.A.	11.40
90-180	261.25	N.A.	12.70
110-180	162.46	N.A.	7.90
0-180	2050.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	62.61
10-20	177.55
20-30	263.06
30-40	305.13
40-50	300.48
50-60	259.20
60-70	199.37
70-80	136.93
80-90	84.58
90-100	54.19
100-110	44.60
110-120	41.59
120-130	38.28
130-140	32.16
140-150	23.72
150-160	15.51
160-170	8.54
170-180	2.66

**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**  
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**UGR TABLE - CORRECTED**

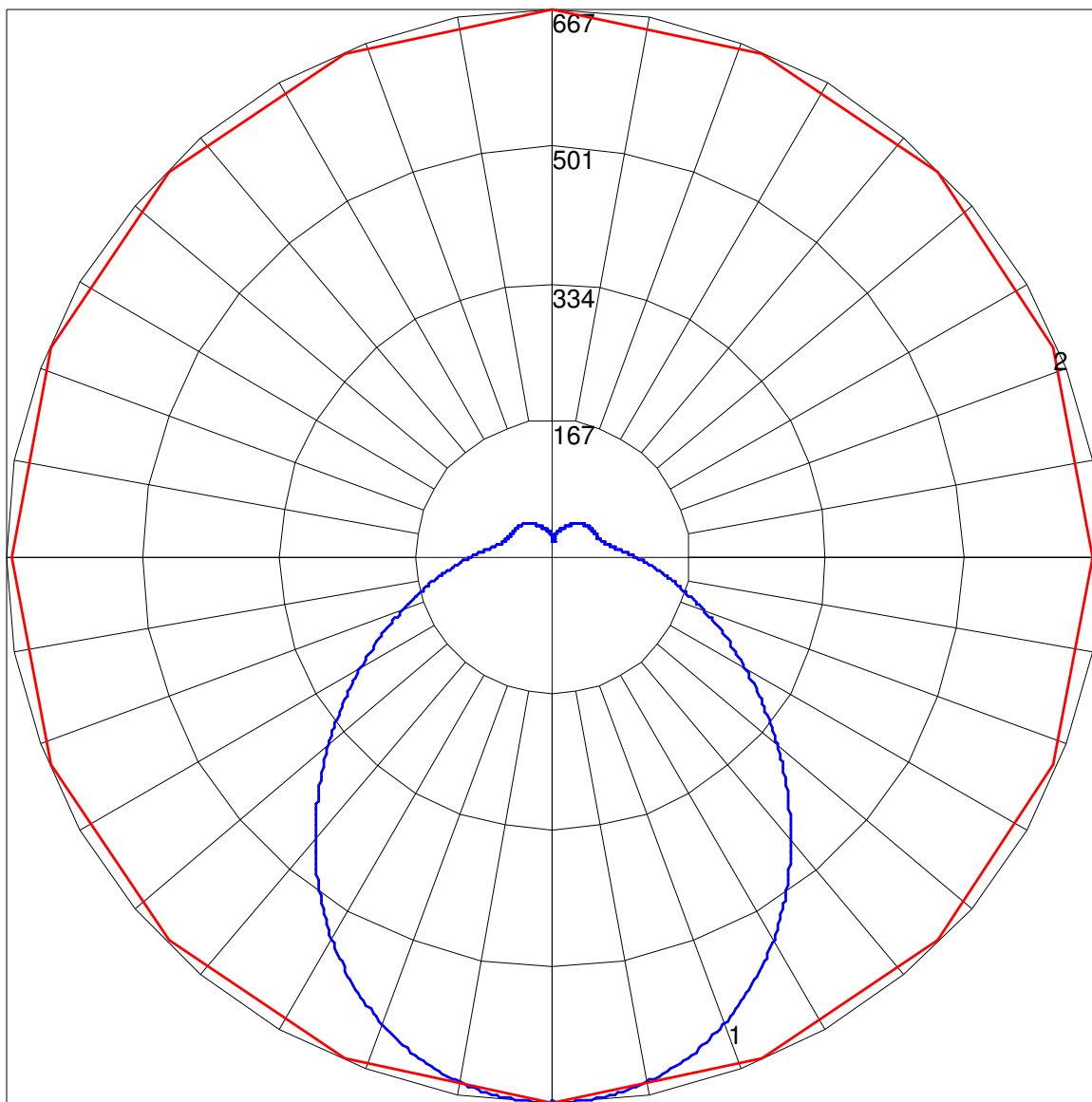
Reflectances

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	16.6	18.0	17.2	18.6	19.2	18.2	19.6	18.8	20.2	20.8
	3H	18.0	19.2	18.6	19.8	20.5	20.4	21.6	21.0	22.2	22.9
	4H	18.4	19.6	19.0	20.2	20.9	21.4	22.6	22.0	23.2	23.9
	6H	18.7	19.8	19.3	20.4	21.1	22.5	23.6	23.1	24.2	24.9
	8H	18.8	19.9	19.4	20.5	21.2	23.1	24.1	23.7	24.7	25.4
	12H	18.9	19.8	19.5	20.5	21.2	23.7	24.7	24.3	25.3	26.0
4H	2H	17.4	18.5	18.0	19.1	19.8	18.6	19.8	19.2	20.4	21.1
	3H	19.0	20.0	19.6	20.6	21.3	21.0	22.0	21.7	22.7	23.4
	4H	19.5	20.4	20.2	21.1	21.8	22.3	23.2	22.9	23.8	24.5
	6H	19.9	20.7	20.6	21.4	22.1	23.5	24.3	24.2	25.0	25.7
	8H	20.1	20.8	20.7	21.5	22.2	24.2	25.0	24.9	25.6	26.4
	12H	20.1	20.8	20.8	21.5	22.2	25.0	25.6	25.6	26.3	27.1
8H	4H	20.1	20.8	20.7	21.5	22.2	22.5	23.2	23.1	23.9	24.6
	6H	20.7	21.3	21.3	22.0	22.7	23.9	24.6	24.6	25.3	26.0
	8H	20.9	21.4	21.6	22.1	22.9	24.7	25.3	25.4	26.0	26.8
	12H	21.0	21.5	21.7	22.2	23.0	25.7	26.2	26.4	26.9	27.7
12H	4H	20.2	20.9	20.9	21.6	22.3	22.5	23.1	23.1	23.8	24.6
	6H	20.9	21.5	21.6	22.2	23.0	24.0	24.5	24.7	25.2	26.0
	8H	21.2	21.7	21.9	22.4	23.2	24.9	25.4	25.6	26.0	26.9

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 667.494 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.)