

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-835-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-L32-835-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	2936
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	21.3
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	12473	11265	11299
55	10708	9603	9919
65	8876	8175	8840
75	6916	7071	8263
85	4549	6813	8730

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-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	950.227	950.227	950.227	950.227	950.227
0.5	945.721	949.326	949.926	949.626	955.935
1.0	945.721	949.626	949.626	949.326	955.634
1.5	944.819	949.626	949.326	949.025	955.935
2.0	944.519	948.725	949.326	948.725	955.034
2.5	944.519	948.725	948.424	948.424	954.433
3.0	943.618	947.824	947.824	947.824	953.832
3.5	943.017	946.922	946.922	947.223	953.231
4.0	942.416	946.321	946.321	946.021	952.630
4.5	940.914	945.420	945.721	945.420	951.729
5.0	940.013	944.519	944.519	944.519	950.828
5.5	938.811	943.317	943.317	943.618	949.626
6.0	938.210	941.815	942.116	942.116	948.424
6.5	936.107	940.613	940.914	940.914	946.922
7.0	934.906	939.111	939.412	939.111	945.721
7.5	933.704	937.309	937.910	937.910	944.219
8.0	932.202	936.107	936.107	936.107	942.116
8.5	930.700	934.004	934.605	934.605	940.313
9.0	928.296	932.502	932.803	932.502	938.210
9.5	926.794	930.399	930.399	930.399	937.008
10.0	924.391	927.996	927.996	928.597	934.605
10.5	922.288	925.893	926.193	926.193	932.502
11.0	920.185	923.790	924.090	923.790	930.099
11.5	917.481	921.387	921.987	921.387	927.996
12.0	915.078	918.683	919.284	919.284	925.292
12.5	912.674	915.979	916.880	916.280	922.889
13.0	909.971	913.576	914.177	913.876	920.185
13.5	907.267	910.572	911.172	911.172	917.782
14.0	903.962	907.567	908.168	908.168	914.477
14.5	901.259	904.563	905.164	905.164	912.074
15.0	898.555	901.559	901.859	901.859	908.469
15.5	895.250	897.954	898.855	898.855	904.864
16.0	891.645	894.649	895.551	895.551	901.859
16.5	888.641	891.044	891.946	892.246	898.555
17.0	884.435	887.139	888.340	888.641	894.950
17.5	880.830	883.534	884.735	885.036	891.345
18.0	877.525	879.929	880.830	881.731	888.040
18.5	873.620	876.324	877.225	877.826	884.135
19.0	869.714	871.817	873.320	873.920	879.929
19.5	865.208	868.212	869.414	870.616	876.023
20.0	860.401	863.706	865.208	866.109	871.817
20.5	855.595	859.801	861.002	862.204	867.912
21.0	851.689	854.994	855.895	858.299	863.706
21.5	847.183	850.488	851.990	853.191	859.200
22.0	842.376	846.282	847.784	848.986	855.294
22.5	838.170	840.874	842.977	844.780	850.788
23.0	833.063	836.067	838.170	839.973	845.981
23.5	827.656	830.960	833.664	835.467	841.475
24.0	822.248	825.853	828.557	830.660	836.668
24.5	817.742	820.746	823.750	825.553	831.261
25.0	812.635	815.639	818.944	820.746	826.454
25.5	806.927	810.532	813.236	815.939	820.746
26.0	801.519	804.824	808.429	810.832	816.240
26.5	795.811	799.116	803.322	805.425	811.133

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	790.103	793.108	798.215	800.918	806.026
27.5	783.494	787.400	792.507	794.910	800.918
28.0	778.687	781.692	786.799	789.502	795.210
28.5	772.379	775.984	781.091	783.795	789.502
29.0	766.370	769.975	775.082	778.387	784.095
29.5	760.061	763.666	769.074	772.379	778.087
30.0	753.753	757.658	763.066	767.271	772.979
30.5	747.143	751.049	757.358	761.563	766.971
31.0	740.835	744.740	751.049	755.555	760.662
31.5	734.225	738.732	745.040	749.847	755.255
32.0	727.916	731.822	739.032	743.538	748.946
32.5	721.007	725.213	732.723	737.530	742.937
33.0	714.398	718.904	725.814	731.522	736.929
33.5	708.089	712.295	719.805	724.912	730.620
34.0	700.578	705.385	713.196	718.904	724.912
34.5	693.669	698.776	706.887	712.295	718.303
35.0	687.360	691.566	700.578	706.286	711.994
35.5	679.249	684.956	693.669	699.677	705.385
36.0	672.940	677.746	687.059	693.068	699.076
36.5	665.129	670.536	680.150	686.759	693.068
37.0	657.919	663.627	673.240	679.849	686.759
37.5	650.408	656.116	666.631	673.841	679.849
38.0	642.898	648.906	659.421	666.931	672.639
38.5	635.087	641.396	652.511	660.623	666.030
39.0	628.177	633.885	645.301	653.713	660.623
39.5	620.366	626.976	638.391	646.803	653.412
40.0	611.955	619.165	631.181	640.494	646.503
40.5	604.144	611.654	624.272	633.885	639.894
41.0	596.934	604.144	617.062	626.976	632.984
41.5	589.123	596.633	609.852	620.066	626.375
42.0	581.312	589.123	602.642	613.457	619.765
42.5	573.801	581.312	595.131	606.547	612.856
43.0	565.390	573.801	588.221	599.938	606.247
43.5	558.179	565.990	580.711	593.028	599.637
44.0	550.068	558.179	573.200	586.419	592.728
44.5	542.558	550.669	565.690	579.209	585.818
45.0	534.747	542.858	558.480	572.900	579.509
45.5	526.936	535.348	551.270	566.291	572.900
46.0	519.125	527.537	543.459	559.081	565.990
46.5	511.314	519.726	536.850	553.072	559.381
47.0	503.203	512.215	529.339	545.862	552.772
47.5	495.392	504.404	521.829	538.953	545.862
48.0	487.881	496.593	514.318	532.644	538.953
48.5	479.470	489.083	507.409	525.434	532.343
49.0	471.959	480.972	499.598	518.524	525.434
49.5	464.148	473.461	492.388	511.915	518.824
50.0	456.037	465.650	485.178	504.705	511.915
50.5	448.526	458.140	477.667	498.696	505.606
51.0	440.715	450.329	471.058	491.787	498.997
51.5	433.205	442.518	463.547	485.178	492.388
52.0	425.094	435.007	456.337	478.268	485.778
52.5	417.283	427.197	449.428	471.358	479.470
53.0	409.171	419.686	442.218	465.350	472.560
53.5	401.360	412.176	435.308	458.440	466.251
54.0	393.850	404.665	428.398	451.831	459.942
54.5	386.640	396.854	421.489	445.823	453.633

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	379.129	389.644	414.579	438.913	447.925
55.5	372.821	382.134	407.669	432.604	441.016
56.0	365.611	375.524	401.060	426.295	434.707
56.5	358.100	368.615	394.150	419.986	428.699
57.0	350.890	361.705	387.541	413.678	422.390
57.5	343.379	354.495	381.833	407.669	415.480
58.0	335.869	347.285	375.224	401.060	410.373
58.5	328.659	340.075	368.615	395.352	404.365
59.0	321.449	332.865	362.306	390.245	398.056
59.5	314.239	325.955	356.598	383.936	393.249
60.0	307.029	318.745	350.289	377.928	387.241
60.5	299.969	311.835	343.980	372.220	381.232
61.0	292.879	304.926	337.672	366.512	375.524
61.5	285.849	298.076	331.363	360.804	370.117
62.0	278.940	291.287	325.354	355.396	364.409
62.5	272.120	284.557	319.046	349.989	359.001
63.0	265.210	277.858	313.037	344.281	354.195
63.5	258.361	271.249	307.329	338.873	348.787
64.0	251.691	264.730	301.321	333.165	343.379
64.5	245.052	258.361	295.613	327.758	337.972
65.0	238.473	251.962	289.875	322.350	332.865
65.5	231.984	245.713	284.197	316.943	327.457
66.0	225.405	239.464	278.579	311.535	322.350
66.5	218.976	233.366	272.991	306.428	317.243
67.0	212.697	227.327	267.433	301.020	312.136
67.5	206.388	221.379	261.996	295.973	307.029
68.0	200.170	215.581	256.588	290.866	302.222
68.5	194.041	209.813	251.301	285.909	297.205
69.0	187.942	204.105	246.074	280.922	292.458
69.5	181.934	198.517	240.906	276.086	287.742
70.0	175.956	193.020	235.829	271.339	283.055
70.5	170.128	187.582	230.752	266.592	278.429
71.0	164.360	182.204	225.765	261.906	273.862
71.5	158.652	176.947	220.898	257.339	269.356
72.0	153.064	171.660	216.032	252.803	264.970
72.5	147.446	166.553	211.285	248.357	260.614
73.0	141.978	161.475	206.568	243.971	256.228
73.5	136.661	156.458	202.002	239.615	251.962
74.0	131.403	151.592	197.376	235.409	247.666
74.5	126.236	146.695	192.959	231.233	243.610
75.0	121.099	141.918	188.573	227.147	239.675
75.5	116.052	137.262	184.247	223.092	235.679
76.0	111.155	132.695	180.041	219.066	231.774
76.5	106.288	128.189	175.866	215.130	227.868
77.0	101.482	123.713	171.750	211.225	224.083
77.5	96.765	119.357	167.694	207.440	220.328
78.0	92.109	115.091	163.759	203.714	216.633
78.5	87.542	110.885	159.853	199.959	212.967
79.0	83.066	106.799	156.068	196.324	209.362
79.5	78.620	102.743	152.343	192.779	205.757
80.0	74.234	98.748	148.618	189.264	202.333
80.5	69.968	94.872	145.012	185.719	198.848
81.0	65.822	91.057	141.558	182.295	195.453
81.5	61.616	87.332	138.103	178.900	192.058
82.0	57.560	83.697	134.738	175.625	188.784
82.5	53.595	80.122	131.434	172.351	185.569

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	49.689	76.637	128.189	169.196	182.445
83.5	45.814	73.242	125.095	165.982	179.200
84.0	42.029	69.938	122.090	162.948	176.106
84.5	38.273	66.753	119.146	159.943	173.072
85.0	34.668	63.659	116.262	156.969	170.037
85.5	31.063	60.715	113.438	154.085	167.093
86.0	27.518	57.891	110.675	151.261	164.179
86.5	24.004	55.247	108.061	148.437	161.265
87.0	20.549	52.694	105.417	145.764	158.411
87.5	17.094	50.320	102.924	143.060	155.677
88.0	13.669	48.007	100.460	140.446	152.914
88.5	10.214	45.844	98.087	137.863	150.240
89.0	7.060	43.801	95.834	135.369	147.596
89.5	4.476	41.909	93.641	132.966	145.012
90.0	2.674	40.226	91.628	130.682	142.639
90.5	1.893	38.754	89.765	128.399	140.116
91.0	2.013	37.402	87.873	126.086	137.712
91.5	2.403	36.110	85.980	123.893	135.309
92.0	2.854	35.029	84.178	121.670	132.966
92.5	3.335	34.098	82.645	119.537	130.652
93.0	3.815	33.286	81.053	117.524	128.429
93.5	4.326	32.656	79.551	115.541	126.326
94.0	4.867	32.115	78.139	113.679	124.284
94.5	5.378	31.724	76.817	111.786	122.181
95.0	5.888	31.424	75.586	109.923	120.168
95.5	6.369	31.214	74.444	108.151	118.185
96.0	6.759	31.123	73.453	106.439	116.232
96.5	7.150	31.123	72.461	104.846	114.430
97.0	7.510	31.154	71.560	103.314	112.627
97.5	7.901	31.274	70.719	101.842	110.975
98.0	8.231	31.394	69.968	100.400	109.293
98.5	8.622	31.544	69.337	99.018	107.730
99.0	9.013	31.724	68.676	97.726	106.198
99.5	9.433	31.935	68.105	96.495	104.696
100.0	9.794	32.145	67.654	95.353	103.344
100.5	10.214	32.385	67.204	94.242	101.962
101.0	10.575	32.626	66.873	93.190	100.731
101.5	10.935	32.866	66.543	92.199	99.469
102.0	11.266	33.106	66.303	91.267	98.357
102.5	11.596	33.347	66.062	90.396	97.246
103.0	11.927	33.617	65.882	89.525	96.254
103.5	12.287	33.887	65.732	88.774	95.233
104.0	12.678	34.128	65.582	88.083	94.302
104.5	13.068	34.398	65.491	87.422	93.430
105.0	13.429	34.668	65.401	86.821	92.589
105.5	13.759	34.909	65.311	86.190	91.868
106.0	14.150	35.209	65.281	85.650	91.147
106.5	14.510	35.480	65.281	85.139	90.426
107.0	14.871	35.780	65.281	84.658	89.825
107.5	15.201	36.020	65.281	84.298	89.195
108.0	15.622	36.321	65.281	83.877	88.564
108.5	16.012	36.621	65.311	83.577	88.143
109.0	16.403	36.861	65.371	83.186	87.722
109.5	16.823	37.132	65.401	82.916	87.272
110.0	17.244	37.402	65.461	82.615	86.911
110.5	17.665	37.673	65.521	82.345	86.581

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	18.085	37.943	65.552	82.105	86.220
111.5	18.506	38.183	65.582	81.924	85.920
112.0	18.956	38.454	65.642	81.744	85.559
112.5	19.407	38.724	65.702	81.534	85.229
113.0	19.888	38.994	65.792	81.384	85.079
113.5	20.338	39.235	65.792	81.233	84.869
114.0	20.819	39.475	65.852	81.113	84.658
114.5	21.270	39.746	65.912	80.963	84.478
115.0	21.750	39.956	65.972	80.873	84.328
115.5	22.231	40.226	65.972	80.783	84.178
116.0	22.682	40.467	66.062	80.663	83.997
116.5	23.102	40.707	66.122	80.542	83.937
117.0	23.583	40.977	66.182	80.542	83.787
117.5	24.034	41.188	66.243	80.422	83.697
118.0	24.424	41.398	66.303	80.362	83.577
118.5	24.875	41.608	66.333	80.272	83.547
119.0	25.265	41.818	66.393	80.182	83.366
119.5	25.686	41.969	66.453	80.092	83.336
120.0	26.076	42.119	66.423	80.032	83.186
120.5	26.467	42.299	66.453	79.912	83.156
121.0	26.858	42.419	66.513	79.821	83.036
121.5	27.278	42.569	66.483	79.701	82.976
122.0	27.669	42.750	66.483	79.641	82.886
122.5	28.059	42.930	66.513	79.521	82.675
123.0	28.450	43.110	66.483	79.401	82.645
123.5	28.810	43.260	66.423	79.311	82.465
124.0	29.111	43.381	66.423	79.221	82.435
124.5	29.411	43.501	66.423	79.070	82.315
125.0	29.711	43.651	66.363	78.920	82.195
125.5	30.012	43.741	66.303	78.830	82.045
126.0	30.282	43.861	66.273	78.650	81.924
126.5	30.523	44.011	66.212	78.530	81.834
127.0	30.793	44.072	66.152	78.379	81.714
127.5	31.003	44.162	66.062	78.229	81.504
128.0	31.274	44.162	66.032	78.049	81.384
128.5	31.484	44.222	65.912	77.899	81.263
129.0	31.694	44.282	65.792	77.749	81.113
129.5	31.875	44.372	65.582	77.508	80.933
130.0	32.025	44.432	65.371	77.358	80.753
130.5	32.175	44.492	65.131	77.178	80.542
131.0	32.265	44.582	64.891	76.907	80.332
131.5	32.385	44.672	64.650	76.667	80.122
132.0	32.505	44.763	64.380	76.517	79.942
132.5	32.565	44.793	64.079	76.216	79.671
133.0	32.656	44.823	63.959	75.946	79.341
133.5	32.686	44.793	63.779	75.736	79.191
134.0	32.716	44.732	63.659	75.495	78.980
134.5	32.806	44.612	63.509	75.225	78.590
135.0	32.896	44.522	63.328	74.865	78.289
135.5	32.866	44.282	63.178	74.624	78.049
136.0	32.926	44.252	62.968	74.324	77.749
136.5	32.986	44.162	62.818	73.993	77.448
137.0	33.016	44.011	62.577	73.723	77.118
137.5	33.046	43.861	62.367	73.362	76.817
138.0	33.106	43.771	62.067	73.062	76.457
138.5	33.106	43.651	61.676	72.732	76.186

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	33.076	43.561	61.225	72.341	75.766
139.5	33.076	43.441	60.685	71.920	75.465
140.0	33.076	43.290	60.084	71.530	75.045
140.5	33.076	43.200	59.543	71.049	74.594
141.0	33.076	43.140	58.942	70.539	74.234
141.5	33.076	43.020	58.341	70.088	73.873
142.0	33.046	42.960	57.771	69.517	73.483
142.5	33.016	42.870	57.170	69.006	73.032
143.0	32.986	42.780	56.599	68.526	72.581
143.5	32.986	42.660	55.938	68.015	72.161
144.0	32.986	42.509	55.367	67.624	71.680
144.5	33.076	42.389	54.797	67.174	71.260
145.0	33.196	42.269	54.166	66.783	70.779
145.5	33.407	42.119	53.595	66.393	70.298
146.0	33.677	41.999	53.054	65.972	69.848
146.5	33.947	41.878	52.603	65.521	69.337
147.0	34.218	41.728	52.093	65.071	68.826
147.5	34.458	41.668	51.702	64.620	68.315
148.0	34.728	41.548	51.282	64.110	67.775
148.5	34.969	41.518	50.951	63.629	67.234
149.0	35.269	41.518	50.591	63.148	66.753
149.5	35.480	41.608	50.260	62.637	66.152
150.0	35.720	41.668	49.930	62.157	65.521
150.5	35.930	41.698	49.569	61.616	64.861
151.0	36.080	41.788	49.089	61.075	64.079
151.5	36.231	41.818	48.578	60.504	63.358
152.0	36.411	41.878	48.097	59.904	62.637
152.5	36.591	41.939	47.647	59.273	61.856
153.0	36.711	41.969	47.166	58.552	61.225
153.5	36.861	42.059	46.655	57.801	60.504
154.0	36.982	42.029	46.205	56.960	59.904
154.5	37.132	42.059	45.814	56.148	59.303
155.0	37.192	42.119	45.423	55.217	58.852
155.5	37.312	42.149	45.033	54.346	58.372
156.0	37.402	42.149	44.763	53.415	57.951
156.5	37.552	42.149	44.492	52.483	57.410
157.0	37.613	42.209	44.222	51.642	56.899
157.5	37.703	42.209	44.042	50.831	56.329
158.0	37.823	42.179	43.951	49.990	55.788
158.5	37.853	42.179	43.831	49.299	55.157
159.0	38.003	42.089	43.741	48.638	54.616
159.5	38.123	42.029	43.591	48.007	54.015
160.0	38.273	41.969	43.441	47.496	53.415
160.5	38.454	41.939	43.320	47.016	52.844
161.0	38.574	41.848	43.290	46.505	52.273
161.5	38.754	41.818	43.230	45.994	51.852
162.0	38.904	41.758	43.320	45.574	51.492
162.5	39.055	41.758	43.381	45.123	51.071
163.0	39.235	41.728	43.411	44.642	50.711
163.5	39.385	41.728	43.471	44.132	50.260
164.0	39.445	41.728	43.531	43.501	49.840
164.5	39.535	41.668	43.471	43.020	49.299
165.0	39.625	41.668	43.381	42.539	48.758
165.5	39.715	41.638	43.290	42.209	48.187
166.0	39.806	41.608	43.230	41.848	47.316
166.5	39.896	41.608	43.140	41.548	46.895

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	40.016	41.608	43.050	41.278	46.565
167.5	40.076	41.608	42.870	41.037	46.235
168.0	40.166	41.608	42.720	40.797	45.964
168.5	40.346	41.488	42.509	40.587	45.634
169.0	40.436	41.518	42.359	40.376	45.303
169.5	40.587	41.428	42.119	40.136	44.943
170.0	40.647	41.398	41.909	39.836	44.612
170.5	40.737	41.338	41.638	39.505	44.252
171.0	40.797	41.278	41.338	39.145	43.801
171.5	40.887	41.278	41.067	38.814	43.441
172.0	41.037	41.218	40.917	38.484	42.900
172.5	41.127	41.218	40.737	38.123	42.299
173.0	41.248	41.157	40.587	37.793	41.278
173.5	41.398	41.188	40.527	37.462	39.746
174.0	41.518	41.188	40.497	37.192	37.853
174.5	41.608	41.188	40.436	36.922	35.600
175.0	41.788	41.278	40.406	36.711	33.046
175.5	41.848	41.308	40.376	36.621	30.372
176.0	41.969	41.368	40.376	36.531	28.630
176.5	41.999	41.398	40.346	36.531	27.398
177.0	42.119	41.458	40.286	36.441	26.136
177.5	42.149	41.458	40.196	36.411	25.866
178.0	42.269	41.518	40.166	36.381	25.926
178.5	42.329	41.548	40.196	36.321	25.986
179.0	42.389	41.548	40.166	36.231	26.016
179.5	42.449	41.548	40.136	36.201	26.046
180.0	38.063	38.063	38.063	38.063	38.063

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	343.94	N.A.	11.70
0-30	720.68	N.A.	24.50
0-40	1157.67	N.A.	39.40
0-60	1959.2	N.A.	66.70
0-80	2440.81	N.A.	83.10
0-90	2561.94	N.A.	87.30
10-90	2472.27	N.A.	84.20
20-40	813.72	N.A.	27.70
20-50	1244.05	N.A.	42.40
40-70	1087.05	N.A.	37.00
60-80	481.61	N.A.	16.40
70-80	196.10	N.A.	6.70
80-90	121.12	N.A.	4.10
90-110	141.47	N.A.	4.80
90-120	201.03	N.A.	6.80
90-130	255.85	N.A.	8.70
90-150	335.88	N.A.	11.40
90-180	374.14	N.A.	12.70
110-180	232.67	N.A.	7.90
0-180	2936.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	89.67
10-20	254.28
20-30	376.73
30-40	436.99
40-50	430.33
50-60	371.21
60-70	285.52
70-80	196.10
80-90	121.12
90-100	77.61
100-110	63.87
110-120	59.56
120-130	54.82
130-140	46.06
140-150	33.97
150-160	22.21
160-170	12.24
170-180	3.81

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-835-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-L32-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

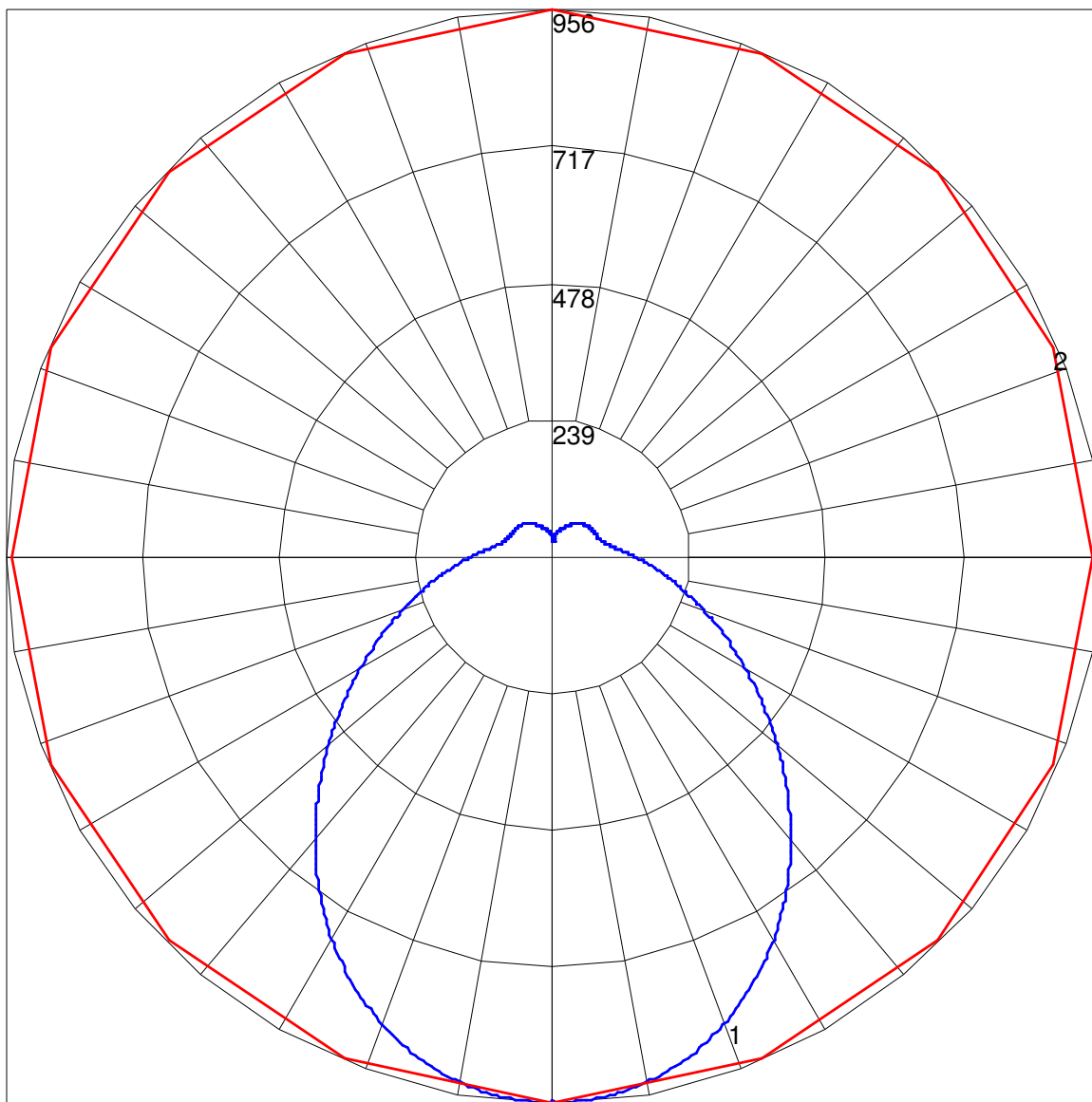
Reflectances

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	17.8	19.2	18.4	19.8	20.4	19.4	20.8	20.0	21.4	22.0
	3H	19.2	20.4	19.8	21.0	21.7	21.6	22.8	22.2	23.4	24.1
	4H	19.6	20.8	20.2	21.4	22.1	22.6	23.8	23.2	24.4	25.1
	6H	19.9	21.0	20.5	21.6	22.3	23.7	24.8	24.3	25.4	26.1
	8H	20.0	21.1	20.6	21.7	22.4	24.3	25.3	24.9	25.9	26.6
	12H	20.1	21.0	20.7	21.7	22.4	24.9	25.9	25.5	26.5	27.2
4H	2H	18.6	19.7	19.2	20.3	21.0	19.8	21.0	20.4	21.6	22.3
	3H	20.2	21.2	20.8	21.8	22.5	22.2	23.2	22.9	23.9	24.6
	4H	20.7	21.6	21.4	22.3	23.0	23.5	24.4	24.1	25.0	25.7
	6H	21.1	21.9	21.8	22.6	23.3	24.8	25.5	25.4	26.2	26.9
	8H	21.3	22.0	21.9	22.7	23.4	25.4	26.2	26.1	26.8	27.6
	12H	21.3	22.0	22.0	22.7	23.4	26.2	26.8	26.8	27.5	28.3
8H	4H	21.3	22.0	21.9	22.7	23.4	23.7	24.4	24.3	25.1	25.8
	6H	21.9	22.5	22.5	23.2	23.9	25.1	25.8	25.8	26.5	27.2
	8H	22.1	22.6	22.8	23.3	24.1	25.9	26.5	26.6	27.2	28.0
	12H	22.2	22.7	22.9	23.4	24.2	26.9	27.4	27.6	28.1	28.9
12H	4H	21.4	22.1	22.1	22.8	23.5	23.7	24.3	24.3	25.0	25.8
	6H	22.1	22.7	22.8	23.4	24.2	25.2	25.7	25.9	26.4	27.2
	8H	22.4	22.9	23.1	23.6	24.4	26.1	26.6	26.8	27.2	28.1

Maximum UGR = 28.9

POLAR GRAPH



Maximum Candela = 955.935 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.)