

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-835-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-L32-835-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	2924
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	170
Total Luminaire Watts	17.2
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	12422	11219	11253
55	10664	9563	9879
65	8840	8142	8804
75	6888	7043	8229
85	4531	6785	8695

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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	946.343	946.343	946.343	946.343	946.343
0.5	941.856	945.446	946.044	945.745	952.028
1.0	941.856	945.745	945.745	945.446	951.729
1.5	940.958	945.745	945.446	945.147	952.028
2.0	940.659	944.847	945.446	944.847	951.130
2.5	940.659	944.847	944.548	944.548	950.532
3.0	939.761	943.950	943.950	943.950	949.934
3.5	939.163	943.052	943.052	943.351	949.335
4.0	938.564	942.454	942.454	942.155	948.737
4.5	937.068	941.556	941.856	941.556	947.839
5.0	936.171	940.659	940.659	940.659	946.942
5.5	934.974	939.462	939.462	939.761	945.745
6.0	934.376	937.966	938.265	938.265	944.548
6.5	932.281	936.769	937.068	937.068	943.052
7.0	931.085	935.273	935.572	935.273	941.856
7.5	929.888	933.478	934.077	934.077	940.360
8.0	928.392	932.281	932.281	932.281	938.265
8.5	926.896	930.187	930.785	930.785	936.470
9.0	924.502	928.691	928.990	928.691	934.376
9.5	923.006	926.597	926.597	926.597	933.179
10.0	920.613	924.203	924.203	924.802	930.785
10.5	918.519	922.109	922.408	922.408	928.691
11.0	916.424	920.015	920.314	920.015	926.298
11.5	913.731	917.621	918.219	917.621	924.203
12.0	911.338	914.928	915.527	915.527	921.510
12.5	908.944	912.236	913.133	912.535	919.117
13.0	906.252	909.842	910.440	910.141	916.424
13.5	903.559	906.850	907.448	907.448	914.031
14.0	900.268	903.858	904.457	904.457	910.740
14.5	897.575	900.866	901.465	901.465	908.346
15.0	894.882	897.874	898.174	898.174	904.756
15.5	891.591	894.284	895.182	895.182	901.165
16.0	888.001	890.993	891.890	891.890	898.174
16.5	885.009	887.403	888.300	888.599	894.882
17.0	880.820	883.513	884.710	885.009	891.292
17.5	877.230	879.923	881.120	881.419	887.702
18.0	873.939	876.333	877.230	878.128	884.411
18.5	870.050	872.742	873.640	874.238	880.521
19.0	866.160	868.254	869.750	870.349	876.333
19.5	861.672	864.664	865.861	867.058	872.443
20.0	856.885	860.176	861.672	862.570	868.254
20.5	852.098	856.287	857.483	858.680	864.365
21.0	848.209	851.500	852.397	854.791	860.176
21.5	843.721	847.012	848.508	849.704	855.688
22.0	838.934	842.823	844.319	845.516	851.799
22.5	834.745	837.438	839.532	841.327	847.311
23.0	829.659	832.651	834.745	836.540	842.524
23.5	824.273	827.564	830.257	832.052	838.036
24.0	818.888	822.478	825.171	827.265	833.249
24.5	814.400	817.392	820.384	822.179	827.863
25.0	809.314	812.306	815.597	817.392	823.076
25.5	803.629	807.219	809.912	812.605	817.392
26.0	798.243	801.535	805.125	807.518	812.904
26.5	792.559	795.850	800.039	802.133	807.818

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CANDELA TABULATION - (Cont.)

27.0	786.874	789.866	794.952	797.645	802.731
27.5	780.292	784.181	789.268	791.661	797.645
28.0	775.505	778.497	783.583	786.276	791.960
28.5	769.222	772.812	777.898	780.591	786.276
29.0	763.238	766.828	771.915	775.206	780.890
29.5	756.955	760.545	765.931	769.222	774.907
30.0	750.672	754.562	759.947	764.136	769.820
30.5	744.090	747.979	754.262	758.451	763.836
31.0	737.807	741.696	747.979	752.467	757.553
31.5	731.225	735.712	741.995	746.783	752.168
32.0	724.942	728.831	736.012	740.499	745.885
32.5	718.060	722.249	729.729	734.516	739.901
33.0	711.478	715.966	722.847	728.532	733.917
33.5	705.195	709.384	716.863	721.950	727.634
34.0	697.715	702.502	710.281	715.966	721.950
34.5	690.834	695.920	703.998	709.384	715.367
35.0	684.551	688.739	697.715	703.400	709.084
35.5	676.472	682.157	690.834	696.818	702.502
36.0	670.189	674.977	684.251	690.235	696.219
36.5	662.410	667.796	677.370	683.952	690.235
37.0	655.230	660.914	670.489	677.071	683.952
37.5	647.750	653.435	663.906	671.087	677.071
38.0	640.270	646.254	656.726	664.206	669.890
38.5	632.491	638.774	649.844	657.923	663.308
39.0	625.610	631.295	642.664	651.041	657.923
39.5	617.831	624.413	635.782	644.160	650.742
40.0	609.454	616.634	628.602	637.877	643.861
40.5	601.675	609.154	621.720	631.295	637.278
41.0	594.494	601.675	614.540	624.413	630.397
41.5	586.715	594.195	607.359	617.532	623.815
42.0	578.936	586.715	600.179	610.949	617.233
42.5	571.456	578.936	592.699	604.068	610.351
43.0	563.079	571.456	585.817	597.486	603.769
43.5	555.898	563.677	578.338	590.604	597.187
44.0	547.820	555.898	570.858	584.022	590.305
44.5	540.340	548.418	563.378	576.842	583.424
45.0	532.561	540.639	556.197	570.559	577.141
45.5	524.782	533.160	549.017	563.976	570.559
46.0	517.003	525.381	541.238	556.796	563.677
46.5	509.224	517.602	534.656	550.812	557.095
47.0	501.146	510.122	527.176	543.631	550.513
47.5	493.367	502.343	519.696	536.750	543.631
48.0	485.887	494.564	512.216	530.467	536.750
48.5	477.510	487.084	505.335	523.286	530.168
49.0	470.030	479.006	497.556	516.405	523.286
49.5	462.251	471.526	490.375	509.823	516.704
50.0	454.173	463.747	483.195	502.642	509.823
50.5	446.693	456.267	475.715	496.658	503.540
51.0	438.914	448.488	469.133	489.777	496.957
51.5	431.434	440.709	461.653	483.195	490.375
52.0	423.356	433.230	454.472	476.313	483.793
52.5	415.577	425.451	447.591	469.432	477.510
53.0	407.499	417.971	440.410	463.448	470.629
53.5	399.720	410.491	433.529	456.567	464.346
54.0	392.240	403.011	426.647	449.984	458.063
54.5	385.060	395.232	419.766	444.001	451.779

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CANDELA TABULATION - (Cont.)

55.0	377.580	388.052	412.885	437.119	446.095
55.5	371.297	380.572	406.003	430.836	439.213
56.0	364.116	373.990	399.421	424.553	432.930
56.5	356.637	367.108	392.540	418.270	426.947
57.0	349.456	360.227	385.957	411.987	420.664
57.5	341.976	353.046	380.273	406.003	413.782
58.0	334.496	345.866	373.690	399.421	408.696
58.5	327.316	338.685	367.108	393.736	402.712
59.0	320.135	331.504	360.825	388.650	396.429
59.5	312.955	324.623	355.141	382.367	391.642
60.0	305.774	317.442	348.858	376.383	385.658
60.5	298.743	310.561	342.575	370.699	379.674
61.0	291.682	303.680	336.291	365.014	373.990
61.5	284.681	296.858	330.008	359.329	368.604
62.0	277.800	290.096	324.025	353.944	362.920
62.5	271.008	283.394	317.742	348.558	357.534
63.0	264.126	276.722	311.758	342.874	352.747
63.5	257.305	270.140	306.073	337.488	347.362
64.0	250.663	263.648	300.089	331.804	341.976
64.5	244.051	257.305	294.405	326.418	336.591
65.0	237.498	250.932	288.690	321.033	331.504
65.5	231.036	244.709	283.035	315.647	326.119
66.0	224.484	238.486	277.440	310.262	321.033
66.5	218.081	232.412	271.876	305.176	315.946
67.0	211.828	226.398	266.340	299.790	310.860
67.5	205.545	220.474	260.925	294.764	305.774
68.0	199.351	214.700	255.540	289.677	300.987
68.5	193.248	208.955	250.274	284.741	295.990
69.0	187.174	203.271	245.068	279.774	291.263
69.5	181.191	197.706	239.922	274.957	286.566
70.0	175.237	192.231	234.865	270.230	281.898
70.5	169.432	186.815	229.809	265.503	277.291
71.0	163.688	181.460	224.843	260.835	272.743
71.5	158.003	176.224	219.996	256.288	268.255
72.0	152.438	170.958	215.149	251.770	263.887
72.5	146.843	165.872	210.422	247.342	259.549
73.0	141.398	160.816	205.724	242.974	255.181
73.5	136.102	155.819	201.177	238.635	250.932
74.0	130.866	150.972	196.569	234.447	246.654
74.5	125.720	146.095	192.171	230.288	242.615
75.0	120.604	141.338	187.803	226.219	238.695
75.5	115.578	136.701	183.494	222.180	234.716
76.0	110.701	132.153	179.306	218.171	230.826
76.5	105.854	127.665	175.147	214.251	226.937
77.0	101.067	123.207	171.048	210.362	223.167
77.5	96.370	118.869	167.009	206.592	219.427
78.0	91.732	114.620	163.089	202.882	215.747
78.5	87.184	110.432	159.200	199.142	212.097
79.0	82.727	106.363	155.430	195.522	208.507
79.5	78.298	102.324	151.720	191.991	204.916
80.0	73.930	98.344	148.010	188.491	201.506
80.5	69.682	94.485	144.420	184.960	198.035
81.0	65.553	90.685	140.979	181.550	194.654
81.5	61.364	86.975	137.538	178.169	191.273
82.0	57.325	83.355	134.187	174.907	188.012
82.5	53.376	79.794	130.896	171.646	184.811

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CANDELA TABULATION - (Cont.)

83.0	49.486	76.324	127.665	168.505	181.699
83.5	45.627	72.943	124.583	165.303	178.468
84.0	41.857	69.652	121.592	162.282	175.386
84.5	38.117	66.480	118.659	159.290	172.364
85.0	34.527	63.399	115.787	156.328	169.343
85.5	30.936	60.467	112.975	153.455	166.410
86.0	27.406	57.654	110.222	150.643	163.508
86.5	23.905	55.021	107.619	147.831	160.606
87.0	20.465	52.478	104.986	145.168	157.764
87.5	17.024	50.115	102.503	142.475	155.041
88.0	13.613	47.811	100.050	139.872	152.289
88.5	10.173	45.657	97.686	137.299	149.626
89.0	7.031	43.622	95.442	134.816	146.993
89.5	4.458	41.737	93.258	132.422	144.420
90.0	2.663	40.062	91.253	130.148	142.056
90.5	1.885	38.596	89.398	127.875	139.543
91.0	2.005	37.249	87.514	125.571	137.149
91.5	2.394	35.963	85.629	123.387	134.756
92.0	2.842	34.886	83.834	121.173	132.422
92.5	3.321	33.958	82.308	119.048	130.118
93.0	3.800	33.150	80.722	117.044	127.904
93.5	4.308	32.522	79.226	115.069	125.810
94.0	4.847	31.984	77.820	113.214	123.776
94.5	5.356	31.595	76.503	111.329	121.681
95.0	5.864	31.295	75.277	109.474	119.677
95.5	6.343	31.086	74.140	107.709	117.702
96.0	6.732	30.996	73.152	106.004	115.757
96.5	7.121	30.996	72.165	104.418	113.962
97.0	7.480	31.026	71.267	102.892	112.167
97.5	7.869	31.146	70.430	101.426	110.521
98.0	8.198	31.266	69.682	99.990	108.846
98.5	8.587	31.415	69.053	98.614	107.290
99.0	8.976	31.595	68.395	97.327	105.764
99.5	9.395	31.804	67.827	96.100	104.268
100.0	9.754	32.014	67.378	94.963	102.922
100.5	10.173	32.253	66.929	93.856	101.546
101.0	10.532	32.492	66.600	92.809	100.319
101.5	10.891	32.732	66.271	91.822	99.062
102.0	11.220	32.971	66.032	90.894	97.955
102.5	11.549	33.210	65.792	90.027	96.848
103.0	11.878	33.480	65.613	89.159	95.861
103.5	12.237	33.749	65.463	88.411	94.844
104.0	12.626	33.988	65.314	87.723	93.916
104.5	13.015	34.257	65.224	87.065	93.049
105.0	13.374	34.527	65.134	86.466	92.211
105.5	13.703	34.766	65.044	85.838	91.493
106.0	14.092	35.065	65.014	85.300	90.775
106.5	14.451	35.335	65.014	84.791	90.057
107.0	14.810	35.634	65.014	84.312	89.458
107.5	15.139	35.873	65.014	83.953	88.830
108.0	15.558	36.172	65.014	83.534	88.202
108.5	15.947	36.471	65.044	83.235	87.783
109.0	16.336	36.711	65.104	82.846	87.364
109.5	16.755	36.980	65.134	82.577	86.915
110.0	17.174	37.249	65.194	82.278	86.556
110.5	17.592	37.519	65.254	82.008	86.227

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CANDELA TABULATION - (Cont.)

111.0	18.011	37.788	65.284	81.769	85.868
111.5	18.430	38.027	65.314	81.590	85.569
112.0	18.879	38.297	65.373	81.410	85.210
112.5	19.328	38.566	65.433	81.201	84.881
113.0	19.806	38.835	65.523	81.051	84.731
113.5	20.255	39.074	65.523	80.901	84.522
114.0	20.734	39.314	65.583	80.782	84.312
114.5	21.183	39.583	65.643	80.632	84.133
115.0	21.661	39.792	65.703	80.542	83.983
115.5	22.140	40.062	65.703	80.453	83.834
116.0	22.589	40.301	65.792	80.333	83.654
116.5	23.008	40.540	65.852	80.213	83.594
117.0	23.487	40.810	65.912	80.213	83.445
117.5	23.935	41.019	65.972	80.094	83.355
118.0	24.324	41.229	66.032	80.034	83.235
118.5	24.773	41.438	66.062	79.944	83.205
119.0	25.162	41.647	66.121	79.854	83.026
119.5	25.581	41.797	66.181	79.765	82.996
120.0	25.970	41.947	66.151	79.705	82.846
120.5	26.359	42.126	66.181	79.585	82.816
121.0	26.748	42.246	66.241	79.495	82.697
121.5	27.167	42.395	66.211	79.376	82.637
122.0	27.556	42.575	66.211	79.316	82.547
122.5	27.945	42.754	66.241	79.196	82.338
123.0	28.333	42.934	66.211	79.076	82.308
123.5	28.692	43.084	66.151	78.987	82.128
124.0	28.992	43.203	66.151	78.897	82.098
124.5	29.291	43.323	66.151	78.747	81.979
125.0	29.590	43.473	66.091	78.598	81.859
125.5	29.889	43.562	66.032	78.508	81.709
126.0	30.159	43.682	66.002	78.328	81.590
126.5	30.398	43.832	65.942	78.209	81.500
127.0	30.667	43.891	65.882	78.059	81.380
127.5	30.877	43.981	65.792	77.910	81.171
128.0	31.146	43.981	65.762	77.730	81.051
128.5	31.355	44.041	65.643	77.580	80.931
129.0	31.565	44.101	65.523	77.431	80.782
129.5	31.744	44.191	65.314	77.191	80.602
130.0	31.894	44.250	65.104	77.042	80.423
130.5	32.043	44.310	64.865	76.862	80.213
131.0	32.133	44.400	64.625	76.593	80.004
131.5	32.253	44.490	64.386	76.354	79.794
132.0	32.373	44.580	64.117	76.204	79.615
132.5	32.432	44.609	63.818	75.905	79.346
133.0	32.522	44.639	63.698	75.636	79.017
133.5	32.552	44.609	63.518	75.426	78.867
134.0	32.582	44.550	63.399	75.187	78.658
134.5	32.672	44.430	63.249	74.918	78.269
135.0	32.761	44.340	63.070	74.559	77.969
135.5	32.732	44.101	62.920	74.319	77.730
136.0	32.791	44.071	62.711	74.020	77.431
136.5	32.851	43.981	62.561	73.691	77.132
137.0	32.881	43.832	62.322	73.422	76.803
137.5	32.911	43.682	62.112	73.063	76.503
138.0	32.971	43.592	61.813	72.763	76.144
138.5	32.971	43.473	61.424	72.434	75.875

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CANDELA TABULATION - (Cont.)

139.0	32.941	43.383	60.975	72.045	75.456
139.5	32.941	43.263	60.437	71.626	75.157
140.0	32.941	43.114	59.838	71.238	74.738
140.5	32.941	43.024	59.300	70.759	74.289
141.0	32.941	42.964	58.701	70.250	73.930
141.5	32.941	42.844	58.103	69.801	73.571
142.0	32.911	42.784	57.535	69.233	73.182
142.5	32.881	42.695	56.936	68.724	72.734
143.0	32.851	42.605	56.368	68.246	72.285
143.5	32.851	42.485	55.709	67.737	71.866
144.0	32.851	42.336	55.141	67.348	71.387
144.5	32.941	42.216	54.573	66.899	70.968
145.0	33.061	42.096	53.944	66.510	70.490
145.5	33.270	41.947	53.376	66.121	70.011
146.0	33.539	41.827	52.837	65.703	69.562
146.5	33.809	41.707	52.388	65.254	69.053
147.0	34.078	41.558	51.880	64.805	68.545
147.5	34.317	41.498	51.491	64.356	68.036
148.0	34.587	41.378	51.072	63.848	67.498
148.5	34.826	41.348	50.743	63.369	66.959
149.0	35.125	41.348	50.384	62.890	66.480
149.5	35.335	41.438	50.055	62.381	65.882
150.0	35.574	41.498	49.726	61.903	65.254
150.5	35.783	41.528	49.367	61.364	64.595
151.0	35.933	41.618	48.888	60.826	63.818
151.5	36.083	41.647	48.379	60.257	63.100
152.0	36.262	41.707	47.901	59.659	62.381
152.5	36.442	41.767	47.452	59.031	61.604
153.0	36.561	41.797	46.973	58.312	60.975
153.5	36.711	41.887	46.464	57.564	60.257
154.0	36.830	41.857	46.016	56.727	59.659
154.5	36.980	41.887	45.627	55.919	59.060
155.0	37.040	41.947	45.238	54.991	58.612
155.5	37.160	41.977	44.849	54.124	58.133
156.0	37.249	41.977	44.580	53.196	57.714
156.5	37.399	41.977	44.310	52.269	57.176
157.0	37.459	42.036	44.041	51.431	56.667
157.5	37.549	42.036	43.862	50.623	56.098
158.0	37.668	42.007	43.772	49.786	55.560
158.5	37.698	42.007	43.652	49.097	54.932
159.0	37.848	41.917	43.562	48.439	54.393
159.5	37.967	41.857	43.413	47.811	53.795
160.0	38.117	41.797	43.263	47.302	53.196
160.5	38.297	41.767	43.143	46.824	52.628
161.0	38.416	41.677	43.114	46.315	52.059
161.5	38.596	41.647	43.054	45.806	51.640
162.0	38.745	41.588	43.143	45.387	51.281
162.5	38.895	41.588	43.203	44.939	50.863
163.0	39.074	41.558	43.233	44.460	50.504
163.5	39.224	41.558	43.293	43.951	50.055
164.0	39.284	41.558	43.353	43.323	49.636
164.5	39.374	41.498	43.293	42.844	49.097
165.0	39.463	41.498	43.203	42.366	48.559
165.5	39.553	41.468	43.114	42.036	47.990
166.0	39.643	41.438	43.054	41.677	47.123
166.5	39.733	41.438	42.964	41.378	46.704

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	39.852	41.438	42.874	41.109	46.375
167.5	39.912	41.438	42.695	40.870	46.046
168.0	40.002	41.438	42.545	40.630	45.776
168.5	40.181	41.318	42.336	40.421	45.447
169.0	40.271	41.348	42.186	40.211	45.118
169.5	40.421	41.259	41.947	39.972	44.759
170.0	40.481	41.229	41.737	39.673	44.430
170.5	40.570	41.169	41.468	39.344	44.071
171.0	40.630	41.109	41.169	38.985	43.622
171.5	40.720	41.109	40.900	38.656	43.263
172.0	40.870	41.049	40.750	38.326	42.725
172.5	40.959	41.049	40.570	37.967	42.126
173.0	41.079	40.989	40.421	37.638	41.109
173.5	41.229	41.019	40.361	37.309	39.583
174.0	41.348	41.019	40.331	37.040	37.698
174.5	41.438	41.019	40.271	36.771	35.454
175.0	41.618	41.109	40.241	36.561	32.911
175.5	41.677	41.139	40.211	36.471	30.248
176.0	41.797	41.199	40.211	36.382	28.513
176.5	41.827	41.229	40.181	36.382	27.286
177.0	41.947	41.288	40.122	36.292	26.030
177.5	41.977	41.288	40.032	36.262	25.760
178.0	42.096	41.348	40.002	36.232	25.820
178.5	42.156	41.378	40.032	36.172	25.880
179.0	42.216	41.378	40.002	36.083	25.910
179.5	42.276	41.378	39.972	36.053	25.940
180.0	37.908	37.908	37.908	37.908	37.908

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	342.54	N.A.	11.70
0-30	717.73	N.A.	24.50
0-40	1152.93	N.A.	39.40
0-60	1951.19	N.A.	66.70
0-80	2430.84	N.A.	83.10
0-90	2551.47	N.A.	87.30
10-90	2462.17	N.A.	84.20
20-40	810.40	N.A.	27.70
20-50	1238.97	N.A.	42.40
40-70	1082.61	N.A.	37.00
60-80	479.64	N.A.	16.40
70-80	195.29	N.A.	6.70
80-90	120.63	N.A.	4.10
90-110	140.90	N.A.	4.80
90-120	200.21	N.A.	6.80
90-130	254.80	N.A.	8.70
90-150	334.51	N.A.	11.40
90-180	372.61	N.A.	12.70
110-180	231.72	N.A.	7.90
0-180	2924.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	89.30
10-20	253.24
20-30	375.19
30-40	435.20
40-50	428.57
50-60	369.69
60-70	284.35
70-80	195.29
80-90	120.63
90-100	77.29
100-110	63.61
110-120	59.32
120-130	54.59
130-140	45.87
140-150	33.83
150-160	22.12
160-170	12.19
170-180	3.80

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

UGR TABLE - CORRECTED

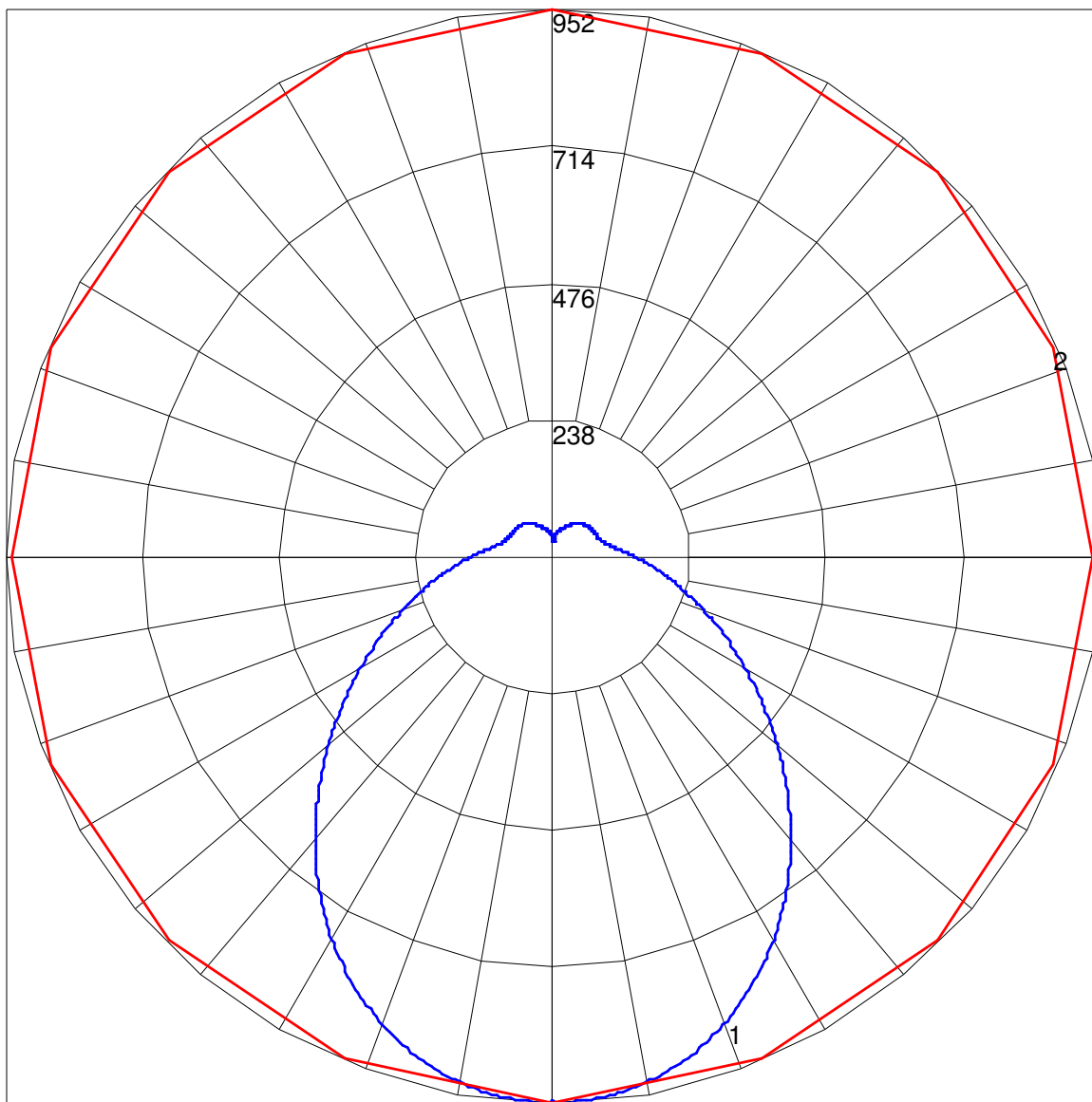
Reflectances

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	17.8	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 = 952.028 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.)