

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-827-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-L32-827-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	2836
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	165
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	12049	10883	10915
55	10344	9277	9582
65	8575	7897	8540
75	6681	6831	7982
85	4395	6582	8434

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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	917.953	917.953	917.953	917.953	917.953
0.5	913.600	917.082	917.663	917.372	923.467
1.0	913.600	917.372	917.372	917.082	923.177
1.5	912.729	917.372	917.082	916.792	923.467
2.0	912.439	916.502	917.082	916.502	922.596
2.5	912.439	916.502	916.212	916.212	922.016
3.0	911.568	915.631	915.631	915.631	921.436
3.5	910.988	914.761	914.761	915.051	920.855
4.0	910.407	914.180	914.180	913.890	920.275
4.5	908.956	913.309	913.600	913.309	919.404
5.0	908.086	912.439	912.439	912.439	918.533
5.5	906.925	911.278	911.278	911.568	917.372
6.0	906.344	909.827	910.117	910.117	916.212
6.5	904.313	908.666	908.956	908.956	914.761
7.0	903.152	907.215	907.505	907.215	913.600
7.5	901.991	905.474	906.054	906.054	912.149
8.0	900.540	904.313	904.313	904.313	910.117
8.5	899.089	902.281	902.862	902.862	908.376
9.0	896.767	900.830	901.120	900.830	906.344
9.5	895.316	898.799	898.799	898.799	905.183
10.0	892.994	896.477	896.477	897.057	902.862
10.5	890.963	894.445	894.736	894.736	900.830
11.0	888.931	892.414	892.704	892.414	898.508
11.5	886.319	890.092	890.673	890.092	896.477
12.0	883.998	887.480	888.061	888.061	893.865
12.5	881.676	884.868	885.739	885.159	891.543
13.0	879.064	882.547	883.127	882.837	888.931
13.5	876.452	879.644	880.225	880.225	886.610
14.0	873.260	876.742	877.323	877.323	883.417
14.5	870.648	873.840	874.421	874.421	881.096
15.0	868.036	870.938	871.228	871.228	877.613
15.5	864.843	867.455	868.326	868.326	874.130
16.0	861.361	864.263	865.134	865.134	871.228
16.5	858.459	860.780	861.651	861.941	868.036
17.0	854.396	857.008	858.168	858.459	864.553
17.5	850.913	853.525	854.686	854.976	861.071
18.0	847.721	850.042	850.913	851.784	857.878
18.5	843.948	846.560	847.430	848.011	854.105
19.0	840.175	842.207	843.658	844.238	850.042
19.5	835.822	838.724	839.885	841.046	846.270
20.0	831.178	834.371	835.822	836.692	842.207
20.5	826.535	830.598	831.759	832.920	838.434
21.0	822.762	825.954	826.825	829.147	834.371
21.5	818.409	821.601	823.052	824.213	830.018
22.0	813.765	817.538	818.989	820.150	826.245
22.5	809.702	812.314	814.346	816.087	821.891
23.0	804.769	807.671	809.702	811.444	817.248
23.5	799.545	802.737	805.349	807.090	812.895
24.0	794.321	797.804	800.415	802.447	808.251
24.5	789.968	792.870	795.772	797.513	803.027
25.0	785.034	787.936	791.129	792.870	798.384
25.5	779.520	783.003	785.614	788.226	792.870
26.0	774.296	777.488	780.971	783.293	788.517
26.5	768.782	771.974	776.037	778.069	783.583

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CANDELA TABULATION - (Cont.)

27.0	763.268	766.170	771.104	773.716	778.649
27.5	756.883	760.656	765.590	767.911	773.716
28.0	752.240	755.142	760.075	762.687	768.202
28.5	746.145	749.628	754.561	757.173	762.687
29.0	740.341	743.823	748.757	751.949	757.464
29.5	734.246	737.729	742.953	746.145	751.659
30.0	728.152	731.925	737.148	741.211	746.726
30.5	721.767	725.540	731.634	735.697	740.921
31.0	715.672	719.445	725.540	729.893	734.827
31.5	709.288	713.641	719.735	724.379	729.603
32.0	703.193	706.966	713.931	718.284	723.508
32.5	696.518	700.581	707.837	712.480	717.704
33.0	690.133	694.487	701.162	706.676	711.900
33.5	684.039	688.102	695.357	700.291	705.805
34.0	676.784	681.427	688.973	694.487	700.291
34.5	670.109	675.042	682.878	688.102	693.906
35.0	664.014	668.077	676.784	682.298	687.812
35.5	656.178	661.692	670.109	675.913	681.427
36.0	650.084	654.727	663.724	669.528	675.332
36.5	642.538	647.762	657.049	663.434	669.528
37.0	635.573	641.087	650.374	656.759	663.434
37.5	628.317	633.832	643.989	650.954	656.759
38.0	621.062	626.866	637.024	644.279	649.793
38.5	613.516	619.611	630.349	638.185	643.409
39.0	606.841	612.356	623.384	631.510	638.185
39.5	599.296	605.681	616.709	624.835	631.220
40.0	591.170	598.135	609.744	618.740	624.545
40.5	583.624	590.880	603.069	612.356	618.160
41.0	576.659	583.624	596.103	605.681	611.485
41.5	569.113	576.369	589.138	599.006	605.100
42.0	561.568	569.113	582.173	592.621	598.715
42.5	554.312	561.568	574.918	585.946	592.040
43.0	546.186	554.312	568.243	579.561	585.656
43.5	539.221	546.767	560.987	572.886	579.271
44.0	531.385	539.221	553.732	566.501	572.596
44.5	524.130	531.966	546.477	559.536	565.921
45.0	516.584	524.420	539.511	553.442	559.826
45.5	509.039	517.165	532.546	547.057	553.442
46.0	501.493	509.619	525.001	540.092	546.767
46.5	493.947	502.074	518.616	534.287	540.382
47.0	486.112	494.818	511.360	527.322	533.997
47.5	478.566	487.273	504.105	520.647	527.322
48.0	471.311	479.727	496.850	514.553	520.647
48.5	463.185	472.472	490.175	507.588	514.263
49.0	455.929	464.636	482.629	500.913	507.588
49.5	448.384	457.380	475.664	494.528	501.203
50.0	440.548	449.835	468.699	487.563	494.528
50.5	433.292	442.579	461.443	481.758	488.433
51.0	425.747	435.034	455.059	475.083	482.049
51.5	418.491	427.488	447.803	468.699	475.664
52.0	410.656	420.233	440.838	462.024	469.279
52.5	403.110	412.687	434.163	455.349	463.185
53.0	395.274	405.432	427.198	449.544	456.510
53.5	387.728	398.176	420.523	442.869	450.415
54.0	380.473	390.921	413.848	436.485	444.321
54.5	373.508	383.375	407.173	430.680	438.226

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CANDELA TABULATION - (Cont.)

55.0	366.252	376.410	400.498	424.005	432.712
55.5	360.158	369.155	393.823	417.911	426.037
56.0	353.193	362.770	387.438	411.816	419.942
56.5	345.937	356.095	380.763	405.722	414.138
57.0	338.972	349.420	374.379	399.627	408.044
57.5	331.717	342.455	368.864	393.823	401.369
58.0	324.461	335.490	362.480	387.438	396.435
58.5	317.496	328.524	356.095	381.924	390.631
59.0	310.531	321.559	350.000	376.990	384.536
59.5	303.566	314.884	344.486	370.896	379.893
60.0	296.601	307.919	338.392	365.092	374.088
60.5	289.781	301.244	332.297	359.578	368.284
61.0	282.931	294.569	326.203	354.063	362.770
61.5	276.140	287.952	320.108	348.549	357.546
62.0	269.465	281.393	314.304	343.325	352.032
62.5	262.878	274.893	308.209	338.102	346.808
63.0	256.203	268.421	302.405	332.587	342.165
63.5	249.586	262.036	296.891	327.364	336.941
64.0	243.143	255.738	291.087	321.849	331.717
64.5	236.729	249.586	285.572	316.626	326.493
65.0	230.373	243.404	280.029	311.402	321.559
65.5	224.105	237.368	274.544	306.178	316.335
66.0	217.749	231.331	269.117	300.954	311.402
66.5	211.538	225.440	263.719	296.020	306.468
67.0	205.473	219.606	258.350	290.796	301.534
67.5	199.378	213.860	253.097	285.921	296.601
68.0	193.371	208.259	247.873	280.987	291.957
68.5	187.450	202.687	242.766	276.198	287.111
69.0	181.559	197.173	237.716	271.381	282.525
69.5	175.755	191.775	232.724	266.708	277.969
70.0	169.979	186.464	227.819	262.123	273.441
70.5	164.349	181.211	222.915	257.538	268.972
71.0	158.777	176.016	218.097	253.010	264.561
71.5	153.263	170.937	213.396	248.599	260.208
72.0	147.865	165.829	208.694	244.217	255.970
72.5	142.438	160.896	204.109	239.921	251.762
73.0	137.156	155.991	199.552	235.684	247.525
73.5	132.019	151.144	195.141	231.476	243.404
74.0	126.940	146.443	190.672	227.413	239.254
74.5	121.949	141.712	186.406	223.379	235.336
75.0	116.986	137.098	182.169	219.432	231.534
75.5	112.110	132.600	177.989	215.514	227.674
76.0	107.380	128.188	173.926	211.625	223.902
76.5	102.678	123.835	169.892	207.824	220.129
77.0	98.035	119.511	165.916	204.051	216.472
77.5	93.479	115.303	161.999	200.394	212.844
78.0	88.980	111.182	158.197	196.795	209.275
78.5	84.569	107.119	154.424	193.168	205.734
79.0	80.245	103.172	150.767	189.656	202.251
79.5	75.950	99.254	147.168	186.232	198.769
80.0	71.712	95.394	143.570	182.836	195.460
80.5	67.591	91.650	140.087	179.411	192.094
81.0	63.586	87.964	136.750	176.103	188.814
81.5	59.523	84.366	133.412	172.824	185.535
82.0	55.605	80.854	130.162	169.660	182.372
82.5	51.775	77.401	126.969	166.497	179.266

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CANDELA TABULATION - (Cont.)

83.0	48.002	74.034	123.835	163.450	176.248
83.5	44.258	70.755	120.846	160.344	173.114
84.0	40.601	67.562	117.944	157.413	170.125
84.5	36.974	64.486	115.100	154.511	167.193
85.0	33.491	61.497	112.314	151.638	164.262
85.5	30.008	58.653	109.586	148.852	161.418
86.0	26.584	55.925	106.916	146.124	158.603
86.5	23.188	53.371	104.391	143.396	155.788
87.0	19.851	50.904	101.837	140.813	153.031
87.5	16.513	48.611	99.428	138.201	150.390
88.0	13.205	46.377	97.048	135.676	147.720
88.5	9.867	44.287	94.755	133.180	145.137
89.0	6.820	42.313	92.579	130.771	142.583
89.5	4.324	40.485	90.460	128.450	140.087
90.0	2.583	38.860	88.516	126.244	137.795
90.5	1.828	37.438	86.717	124.038	135.357
91.0	1.944	36.132	84.888	121.804	133.035
91.5	2.322	34.884	83.060	119.685	130.713
92.0	2.757	33.839	81.318	117.537	128.450
92.5	3.221	32.940	79.838	115.477	126.215
93.0	3.686	32.156	78.300	113.532	124.067
93.5	4.179	31.546	76.849	111.617	122.036
94.0	4.701	31.024	75.485	109.818	120.062
94.5	5.195	30.647	74.208	107.989	118.031
95.0	5.688	30.357	73.018	106.190	116.086
95.5	6.153	30.153	71.916	104.478	114.171
96.0	6.530	30.066	70.958	102.823	112.285
96.5	6.907	30.066	70.000	101.285	110.543
97.0	7.255	30.095	69.129	99.805	108.802
97.5	7.633	30.211	68.317	98.383	107.206
98.0	7.952	30.328	67.591	96.990	105.581
98.5	8.329	30.473	66.982	95.655	104.071
99.0	8.706	30.647	66.343	94.407	102.591
99.5	9.113	30.850	65.792	93.217	101.140
100.0	9.461	31.053	65.357	92.115	99.834
100.5	9.867	31.285	64.921	91.041	98.499
101.0	10.216	31.517	64.602	90.025	97.309
101.5	10.564	31.750	64.283	89.067	96.090
102.0	10.883	31.982	64.051	88.168	95.017
102.5	11.202	32.214	63.818	87.326	93.943
103.0	11.522	32.475	63.644	86.484	92.985
103.5	11.870	32.736	63.499	85.759	91.998
104.0	12.247	32.969	63.354	85.091	91.099
104.5	12.624	33.230	63.267	84.453	90.257
105.0	12.973	33.491	63.180	83.872	89.445
105.5	13.292	33.723	63.093	83.263	88.748
106.0	13.669	34.013	63.064	82.741	88.052
106.5	14.017	34.274	63.064	82.247	87.355
107.0	14.366	34.565	63.064	81.783	86.775
107.5	14.685	34.797	63.064	81.435	86.165
108.0	15.091	35.087	63.064	81.028	85.556
108.5	15.469	35.377	63.093	80.738	85.149
109.0	15.846	35.609	63.151	80.361	84.743
109.5	16.252	35.871	63.180	80.100	84.308
110.0	16.658	36.132	63.238	79.809	83.959
110.5	17.065	36.393	63.296	79.548	83.640

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CANDELA TABULATION - (Cont.)

111.0	17.471	36.654	63.325	79.316	83.292
111.5	17.877	36.886	63.354	79.142	83.002
112.0	18.313	37.148	63.412	78.968	82.653
112.5	18.748	37.409	63.470	78.765	82.334
113.0	19.212	37.670	63.557	78.619	82.189
113.5	19.648	37.902	63.557	78.474	81.986
114.0	20.112	38.134	63.615	78.358	81.783
114.5	20.547	38.396	63.673	78.213	81.609
115.0	21.012	38.599	63.731	78.126	81.464
115.5	21.476	38.860	63.731	78.039	81.318
116.0	21.911	39.092	63.818	77.923	81.144
116.5	22.318	39.324	63.877	77.807	81.086
117.0	22.782	39.585	63.935	77.807	80.941
117.5	23.217	39.789	63.993	77.691	80.854
118.0	23.595	39.992	64.051	77.633	80.738
118.5	24.030	40.195	64.080	77.546	80.709
119.0	24.407	40.398	64.138	77.459	80.535
119.5	24.813	40.543	64.196	77.372	80.506
120.0	25.191	40.688	64.167	77.314	80.361
120.5	25.568	40.862	64.196	77.197	80.332
121.0	25.945	40.978	64.254	77.110	80.216
121.5	26.352	41.124	64.225	76.994	80.158
122.0	26.729	41.298	64.225	76.936	80.071
122.5	27.106	41.472	64.254	76.820	79.867
123.0	27.483	41.646	64.225	76.704	79.838
123.5	27.832	41.791	64.167	76.617	79.664
124.0	28.122	41.907	64.167	76.530	79.635
124.5	28.412	42.023	64.167	76.385	79.519
125.0	28.702	42.168	64.109	76.240	79.403
125.5	28.993	42.255	64.051	76.153	79.258
126.0	29.254	42.372	64.022	75.979	79.142
126.5	29.486	42.517	63.964	75.862	79.055
127.0	29.747	42.575	63.906	75.717	78.939
127.5	29.950	42.662	63.818	75.572	78.736
128.0	30.211	42.662	63.789	75.398	78.619
128.5	30.415	42.720	63.673	75.253	78.503
129.0	30.618	42.778	63.557	75.108	78.358
129.5	30.792	42.865	63.354	74.876	78.184
130.0	30.937	42.923	63.151	74.731	78.010
130.5	31.082	42.981	62.919	74.556	77.807
131.0	31.169	43.068	62.687	74.295	77.604
131.5	31.285	43.155	62.454	74.063	77.401
132.0	31.401	43.242	62.193	73.918	77.226
132.5	31.459	43.271	61.903	73.628	76.965
133.0	31.546	43.300	61.787	73.367	76.646
133.5	31.575	43.271	61.613	73.163	76.501
134.0	31.605	43.213	61.497	72.931	76.298
134.5	31.692	43.097	61.352	72.670	75.920
135.0	31.779	43.010	61.178	72.322	75.630
135.5	31.750	42.778	61.032	72.090	75.398
136.0	31.808	42.749	60.829	71.799	75.108
136.5	31.866	42.662	60.684	71.480	74.818
137.0	31.895	42.517	60.452	71.219	74.498
137.5	31.924	42.372	60.249	70.871	74.208
138.0	31.982	42.284	59.959	70.581	73.860
138.5	31.982	42.168	59.581	70.261	73.599

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CANDELA TABULATION - (Cont.)

139.0	31.953	42.081	59.146	69.884	73.192
139.5	31.953	41.965	58.624	69.478	72.902
140.0	31.953	41.820	58.043	69.100	72.496
140.5	31.953	41.733	57.521	68.636	72.061
141.0	31.953	41.675	56.940	68.143	71.712
141.5	31.953	41.559	56.360	67.707	71.364
142.0	31.924	41.501	55.809	67.156	70.987
142.5	31.895	41.414	55.228	66.663	70.551
143.0	31.866	41.327	54.677	66.198	70.116
143.5	31.866	41.211	54.038	65.705	69.710
144.0	31.866	41.066	53.487	65.328	69.246
144.5	31.953	40.949	52.935	64.892	68.839
145.0	32.069	40.833	52.326	64.515	68.375
145.5	32.272	40.688	51.775	64.138	67.911
146.0	32.533	40.572	51.252	63.731	67.475
146.5	32.794	40.456	50.817	63.296	66.982
147.0	33.056	40.311	50.323	62.861	66.488
147.5	33.288	40.253	49.946	62.425	65.995
148.0	33.549	40.137	49.540	61.932	65.473
148.5	33.781	40.108	49.221	61.468	64.950
149.0	34.071	40.108	48.872	61.003	64.486
149.5	34.274	40.195	48.553	60.510	63.906
150.0	34.507	40.253	48.234	60.046	63.296
150.5	34.710	40.282	47.886	59.523	62.658
151.0	34.855	40.369	47.421	59.001	61.903
151.5	35.000	40.398	46.928	58.449	61.207
152.0	35.174	40.456	46.464	57.869	60.510
152.5	35.348	40.514	46.028	57.260	59.755
153.0	35.464	40.543	45.564	56.563	59.146
153.5	35.609	40.630	45.071	55.838	58.449
154.0	35.726	40.601	44.635	55.025	57.869
154.5	35.871	40.630	44.258	54.241	57.289
155.0	35.929	40.688	43.881	53.342	56.853
155.5	36.045	40.717	43.503	52.500	56.389
156.0	36.132	40.717	43.242	51.600	55.983
156.5	36.277	40.717	42.981	50.701	55.460
157.0	36.335	40.775	42.720	49.888	54.967
157.5	36.422	40.775	42.546	49.105	54.415
158.0	36.538	40.746	42.459	48.292	53.893
158.5	36.567	40.746	42.343	47.624	53.284
159.0	36.712	40.659	42.255	46.986	52.761
159.5	36.828	40.601	42.110	46.377	52.181
160.0	36.974	40.543	41.965	45.883	51.600
160.5	37.148	40.514	41.849	45.419	51.049
161.0	37.264	40.427	41.820	44.925	50.498
161.5	37.438	40.398	41.762	44.432	50.091
162.0	37.583	40.340	41.849	44.026	49.743
162.5	37.728	40.340	41.907	43.590	49.337
163.0	37.902	40.311	41.936	43.126	48.988
163.5	38.047	40.311	41.994	42.633	48.553
164.0	38.105	40.311	42.052	42.023	48.147
164.5	38.192	40.253	41.994	41.559	47.624
165.0	38.279	40.253	41.907	41.095	47.102
165.5	38.367	40.224	41.820	40.775	46.551
166.0	38.454	40.195	41.762	40.427	45.709
166.5	38.541	40.195	41.675	40.137	45.303

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	38.657	40.195	41.588	39.876	44.983
167.5	38.715	40.195	41.414	39.643	44.664
168.0	38.802	40.195	41.269	39.411	44.403
168.5	38.976	40.079	41.066	39.208	44.084
169.0	39.063	40.108	40.920	39.005	43.765
169.5	39.208	40.021	40.688	38.773	43.416
170.0	39.266	39.992	40.485	38.483	43.097
170.5	39.353	39.934	40.224	38.163	42.749
171.0	39.411	39.876	39.934	37.815	42.313
171.5	39.498	39.876	39.673	37.496	41.965
172.0	39.643	39.818	39.527	37.177	41.443
172.5	39.731	39.818	39.353	36.828	40.862
173.0	39.847	39.760	39.208	36.509	39.876
173.5	39.992	39.789	39.150	36.190	38.396
174.0	40.108	39.789	39.121	35.929	36.567
174.5	40.195	39.789	39.063	35.668	34.391
175.0	40.369	39.876	39.034	35.464	31.924
175.5	40.427	39.905	39.005	35.377	29.341
176.0	40.543	39.963	39.005	35.290	27.658
176.5	40.572	39.992	38.976	35.290	26.468
177.0	40.688	40.050	38.918	35.203	25.249
177.5	40.717	40.050	38.831	35.174	24.988
178.0	40.833	40.108	38.802	35.145	25.046
178.5	40.891	40.137	38.831	35.087	25.104
179.0	40.949	40.137	38.802	35.000	25.133
179.5	41.008	40.137	38.773	34.971	25.162
180.0	36.770	36.770	36.770	36.770	36.770

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-827-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	332.26	N.A.	11.70
0-30	696.20	N.A.	24.50
0-40	1118.35	N.A.	39.40
0-60	1892.66	N.A.	66.70
0-80	2357.91	N.A.	83.10
0-90	2474.92	N.A.	87.30
10-90	2388.3	N.A.	84.20
20-40	786.09	N.A.	27.70
20-50	1201.8	N.A.	42.40
40-70	1050.13	N.A.	37.00
60-80	465.26	N.A.	16.40
70-80	189.43	N.A.	6.70
80-90	117.01	N.A.	4.10
90-110	136.67	N.A.	4.80
90-120	194.21	N.A.	6.80
90-130	247.16	N.A.	8.70
90-150	324.47	N.A.	11.40
90-180	361.44	N.A.	12.70
110-180	224.77	N.A.	7.90
0-180	2836.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.62
10-20	245.64
20-30	363.94
30-40	422.15
40-50	415.71
50-60	358.60
60-70	275.82
70-80	189.43
80-90	117.01
90-100	74.97
100-110	61.70
110-120	57.54
120-130	52.95
130-140	44.50
140-150	32.82
150-160	21.46
160-170	11.82
170-180	3.68

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-827-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	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-L32-827-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

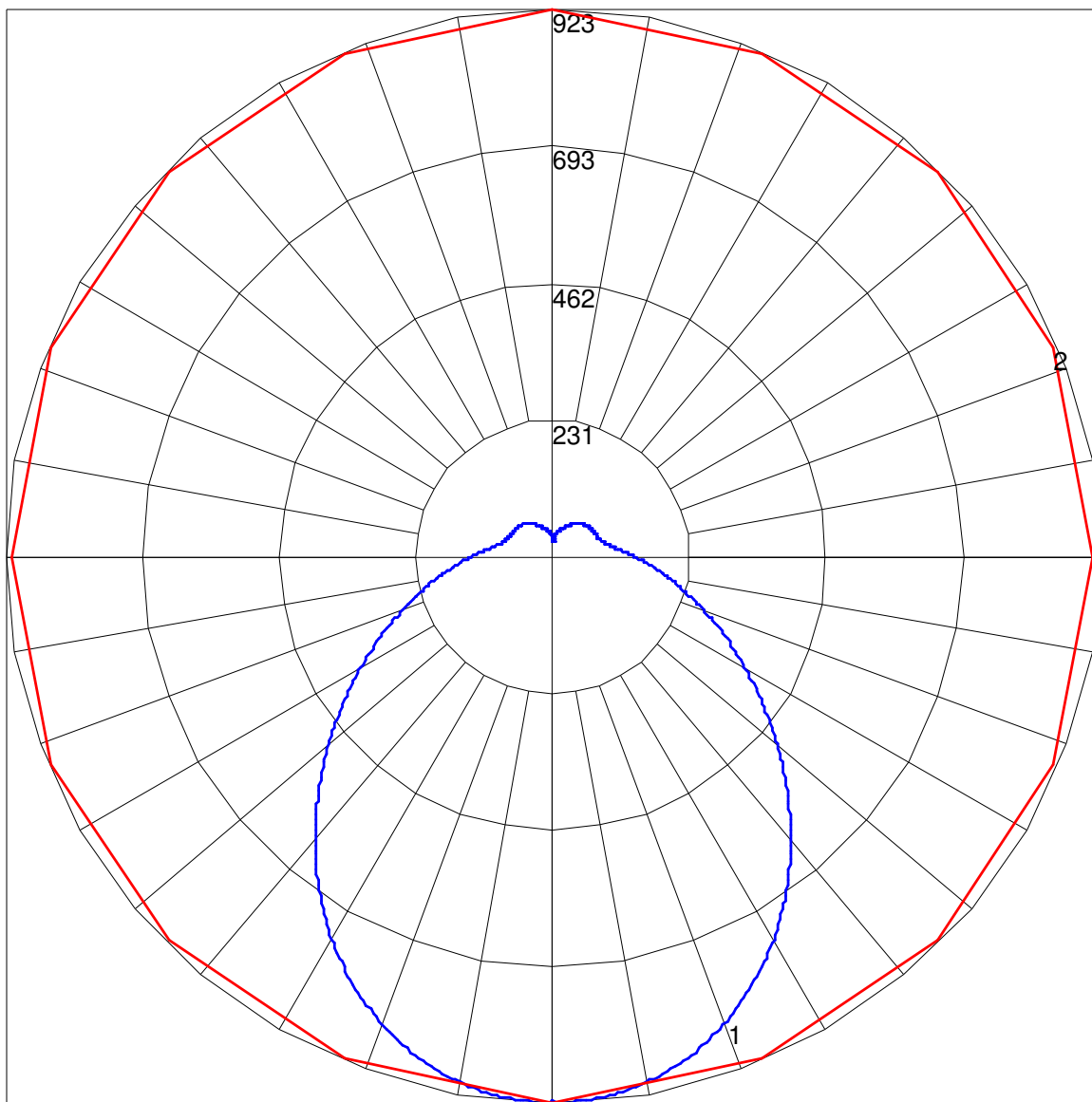
Reflectances

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	17.7	19.1	18.3	19.7	20.3	19.3	20.7	19.9	21.3	21.9
	3H	19.1	20.3	19.7	20.9	21.6	21.5	22.7	22.1	23.3	24.0
	4H	19.5	20.7	20.1	21.3	22.0	22.5	23.7	23.1	24.3	25.0
	6H	19.8	20.9	20.4	21.5	22.2	23.6	24.7	24.2	25.3	26.0
	8H	19.9	21.0	20.5	21.6	22.3	24.2	25.2	24.8	25.9	26.5
	12H	20.0	20.9	20.6	21.6	22.3	24.8	25.8	25.4	26.4	27.1
4H	2H	18.5	19.6	19.1	20.2	20.9	19.7	20.9	20.3	21.5	22.2
	3H	20.1	21.1	20.7	21.7	22.4	22.1	23.1	22.8	23.8	24.5
	4H	20.6	21.5	21.3	22.2	22.9	23.4	24.3	24.0	24.9	25.6
	6H	21.0	21.8	21.7	22.5	23.2	24.7	25.4	25.3	26.1	26.8
	8H	21.2	21.9	21.8	22.6	23.3	25.3	26.1	26.0	26.7	27.5
	12H	21.2	21.9	21.9	22.6	23.3	26.1	26.7	26.7	27.4	28.2
8H	4H	21.2	21.9	21.8	22.6	23.3	23.6	24.3	24.2	25.0	25.7
	6H	21.8	22.4	22.4	23.1	23.8	25.0	25.7	25.7	26.4	27.1
	8H	22.0	22.5	22.7	23.2	24.0	25.8	26.4	26.5	27.1	27.9
	12H	22.1	22.6	22.8	23.3	24.1	26.8	27.3	27.5	28.0	28.8
12H	4H	21.3	22.0	22.0	22.7	23.4	23.6	24.2	24.2	24.9	25.7
	6H	22.0	22.6	22.7	23.3	24.1	25.1	25.6	25.8	26.3	27.1
	8H	22.3	22.8	23.0	23.5	24.3	26.0	26.5	26.7	27.1	28.0

Maximum UGR = 28.8

POLAR GRAPH



Maximum Candela = 923.467 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.)