

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-827-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-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	2848
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	12099	10927	10960
55	10386	9315	9622
65	8610	7930	8575
75	6709	6859	8015
85	4413	6609	8468

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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	921.720	921.720	921.720	921.720	921.720
0.5	917.349	920.846	921.429	921.137	927.257
1.0	917.349	921.137	921.137	920.846	926.965
1.5	916.475	921.137	920.846	920.554	927.257
2.0	916.183	920.263	920.846	920.263	926.383
2.5	916.183	920.263	919.972	919.972	925.800
3.0	915.309	919.389	919.389	919.389	925.217
3.5	914.726	918.515	918.515	918.806	924.634
4.0	914.143	917.932	917.932	917.640	924.051
4.5	912.686	917.058	917.349	917.058	923.177
5.0	911.812	916.183	916.183	916.183	922.303
5.5	910.647	915.018	915.018	915.309	921.137
6.0	910.064	913.561	913.852	913.852	919.972
6.5	908.024	912.395	912.686	912.686	918.515
7.0	906.858	910.938	911.229	910.938	917.349
7.5	905.693	909.190	909.772	909.772	915.892
8.0	904.236	908.024	908.024	908.024	913.852
8.5	902.779	905.984	906.567	906.567	912.104
9.0	900.447	904.527	904.818	904.527	910.064
9.5	898.990	902.487	902.487	902.487	908.898
10.0	896.659	900.156	900.156	900.739	906.567
10.5	894.619	898.116	898.407	898.407	904.527
11.0	892.579	896.076	896.368	896.076	902.196
11.5	889.957	893.745	894.328	893.745	900.156
12.0	887.625	891.122	891.705	891.705	897.533
12.5	885.294	888.500	889.374	888.791	895.202
13.0	882.671	886.168	886.751	886.460	892.579
13.5	880.049	883.254	883.837	883.837	890.248
14.0	876.843	880.340	880.923	880.923	887.043
14.5	874.221	877.426	878.009	878.009	884.711
15.0	871.598	874.512	874.804	874.804	881.214
15.5	868.393	871.015	871.889	871.889	877.718
16.0	864.896	867.810	868.684	868.684	874.804
16.5	861.982	864.313	865.187	865.478	871.598
17.0	857.902	860.525	861.690	861.982	868.101
17.5	854.405	857.028	858.193	858.485	864.604
18.0	851.200	853.531	854.405	855.279	861.399
18.5	847.411	850.034	850.908	851.491	857.611
19.0	843.623	845.663	847.120	847.703	853.531
19.5	839.252	842.166	843.332	844.497	849.743
20.0	834.589	837.795	839.252	840.126	845.663
20.5	829.927	834.007	835.172	836.338	841.875
21.0	826.139	829.344	830.218	832.550	837.795
21.5	821.767	824.973	826.430	827.596	833.424
22.0	817.105	820.893	822.350	823.516	829.635
22.5	813.025	815.648	817.688	819.436	825.264
23.0	808.071	810.985	813.025	814.774	820.602
23.5	802.826	806.031	808.654	810.403	816.231
24.0	797.581	801.078	803.700	805.740	811.568
24.5	793.210	796.124	799.038	800.786	806.323
25.0	788.256	791.170	794.375	796.124	801.660
25.5	782.719	786.216	788.838	791.461	796.124
26.0	777.474	780.679	784.176	786.507	791.753
26.5	771.937	775.142	779.222	781.262	786.799

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**CANDELA TABULATION - (Cont.)**

27.0	766.400	769.314	774.268	776.891	781.845
27.5	759.989	763.777	768.731	771.063	776.891
28.0	755.327	758.241	763.195	765.817	771.354
28.5	749.207	752.704	757.658	760.281	765.817
29.0	743.379	746.876	751.830	755.035	760.572
29.5	737.259	740.756	746.002	749.207	754.744
30.0	731.140	734.928	740.174	744.253	749.790
30.5	724.729	728.517	734.637	738.716	743.962
31.0	718.609	722.398	728.517	732.888	737.842
31.5	712.198	716.570	722.689	727.352	732.597
32.0	706.079	709.867	716.861	721.232	726.477
32.5	699.377	703.456	710.741	715.404	720.649
33.0	692.966	697.337	704.039	709.576	714.821
33.5	686.846	690.926	698.211	703.165	708.702
34.0	679.561	684.223	691.800	697.337	703.165
34.5	672.859	677.812	685.680	690.926	696.754
35.0	666.739	670.819	679.561	685.098	690.634
35.5	658.871	664.408	672.859	678.687	684.223
36.0	652.751	657.414	666.448	672.276	678.104
36.5	645.175	650.420	659.745	666.156	672.276
37.0	638.181	643.718	653.043	659.454	666.156
37.5	630.896	636.433	646.632	653.626	659.454
38.0	623.611	629.439	639.638	646.923	652.460
38.5	616.034	622.154	632.936	640.804	646.049
39.0	609.332	614.869	625.942	634.101	640.804
39.5	601.755	608.166	619.240	627.399	633.810
40.0	593.596	600.590	612.246	621.280	627.108
40.5	586.019	593.304	605.544	614.869	620.697
41.0	579.026	586.019	598.550	608.166	613.994
41.5	571.449	578.734	591.556	601.464	607.583
42.0	563.872	571.449	584.562	595.053	601.172
42.5	556.587	563.872	577.277	588.351	594.470
43.0	548.428	556.587	570.575	581.940	588.059
43.5	541.434	549.011	563.290	575.237	581.648
44.0	533.566	541.434	556.004	568.826	574.946
44.5	526.281	534.149	548.719	561.833	568.243
45.0	518.704	526.572	541.725	555.713	562.124
45.5	511.128	519.287	534.732	549.302	555.713
46.0	503.551	511.711	527.155	542.308	549.011
46.5	495.975	504.134	520.744	536.480	542.600
47.0	488.107	496.849	513.459	529.486	536.189
47.5	480.530	489.272	506.174	522.784	529.486
48.0	473.245	481.696	498.889	516.664	522.784
48.5	465.085	474.410	492.186	509.671	516.373
49.0	457.800	466.542	484.610	502.968	509.671
49.5	450.224	459.257	477.616	496.557	503.260
50.0	442.356	451.681	470.622	489.564	496.557
50.5	435.071	444.396	463.337	483.735	490.438
51.0	427.494	436.819	456.926	477.033	484.027
51.5	420.209	429.242	449.641	470.622	477.616
52.0	412.341	421.957	442.647	463.920	471.205
52.5	404.764	414.381	435.945	457.217	465.085
53.0	396.896	407.095	428.951	451.389	458.383
53.5	389.320	399.810	422.249	444.687	452.264
54.0	382.034	392.525	415.546	438.276	446.144
54.5	375.041	384.949	408.844	432.448	440.024

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**CANDELA TABULATION - (Cont.)**

55.0	367.756	377.955	402.142	425.745	434.488
55.5	361.636	370.670	395.439	419.626	427.785
56.0	354.642	364.259	389.028	413.506	421.666
56.5	347.357	357.556	382.326	407.387	415.838
57.0	340.363	350.854	375.915	401.267	409.718
57.5	333.078	343.860	370.378	395.439	403.016
58.0	325.793	336.866	363.967	389.028	398.062
58.5	318.799	329.873	357.556	383.491	392.234
59.0	311.805	322.879	351.437	378.538	386.114
59.5	304.812	316.176	345.900	372.418	381.452
60.0	297.818	309.183	339.780	366.590	375.623
60.5	290.970	302.480	333.661	361.053	369.795
61.0	284.093	295.778	327.541	355.516	364.259
61.5	277.274	289.134	321.422	349.980	359.013
62.0	270.571	282.548	315.594	344.734	353.477
62.5	263.956	276.021	309.474	339.489	348.231
63.0	257.254	269.522	303.646	333.952	343.569
63.5	250.610	263.111	298.109	328.707	338.323
64.0	244.141	256.788	292.281	323.170	333.078
64.5	237.701	250.610	286.744	317.925	327.833
65.0	231.319	244.403	281.179	312.680	322.879
65.5	225.024	238.342	275.671	307.434	317.634
66.0	218.643	232.280	270.222	302.189	312.680
66.5	212.406	226.365	264.801	297.235	307.726
67.0	206.316	220.508	259.410	291.990	302.772
67.5	200.197	214.738	254.136	287.094	297.818
68.0	194.164	209.114	248.891	282.140	293.155
68.5	188.220	203.519	243.762	277.332	288.289
69.0	182.304	197.982	238.691	272.495	283.685
69.5	176.476	192.562	233.679	267.803	279.110
70.0	170.677	187.229	228.754	263.199	274.564
70.5	165.024	181.954	223.830	258.594	270.076
71.0	159.429	176.738	218.992	254.049	265.647
71.5	153.892	171.639	214.271	249.619	261.275
72.0	148.472	166.510	209.551	245.219	257.021
72.5	143.023	161.556	204.946	240.906	252.795
73.0	137.719	156.631	200.371	236.652	248.541
73.5	132.561	151.765	195.942	232.426	244.403
74.0	127.461	147.044	191.454	228.346	240.236
74.5	122.449	142.294	187.171	224.296	236.302
75.0	117.466	137.661	182.916	220.333	232.484
75.5	112.570	133.144	178.720	216.399	228.609
76.0	107.821	128.714	174.640	212.494	224.820
76.5	103.100	124.343	170.590	208.676	221.032
77.0	98.437	120.001	166.597	204.888	217.360
77.5	93.862	115.776	162.663	201.216	213.718
78.0	89.345	111.638	158.846	197.603	210.134
78.5	84.916	107.558	155.058	193.960	206.578
79.0	80.574	103.595	151.386	190.434	203.081
79.5	76.261	99.661	147.772	186.996	199.585
80.0	72.007	95.785	144.159	183.586	196.263
80.5	67.869	92.026	140.662	180.148	192.882
81.0	63.847	88.325	137.311	176.826	189.589
81.5	59.768	84.712	133.960	173.533	186.296
82.0	55.834	81.186	130.696	170.356	183.120
82.5	51.987	77.718	127.491	167.180	180.002

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**CANDELA TABULATION - (Cont.)**

83.0	48.199	74.338	124.343	164.120	176.971
83.5	44.440	71.045	121.342	161.002	173.824
84.0	40.768	67.840	118.428	158.059	170.823
84.5	37.125	64.751	115.572	155.145	167.880
85.0	33.628	61.749	112.774	152.260	164.936
85.5	30.131	58.893	110.035	149.463	162.081
86.0	26.693	56.154	107.354	146.723	159.254
86.5	23.283	53.590	104.819	143.984	156.427
87.0	19.932	51.113	102.255	141.391	153.659
87.5	16.581	48.811	99.836	138.768	151.007
88.0	13.259	46.567	97.446	136.233	148.326
88.5	9.908	44.469	95.144	133.727	145.733
89.0	6.848	42.487	92.959	131.308	143.168
89.5	4.342	40.651	90.832	128.977	140.662
90.0	2.594	39.019	88.879	126.762	138.360
90.5	1.836	37.591	87.072	124.547	135.912
91.0	1.952	36.280	85.237	122.303	133.581
91.5	2.331	35.027	83.401	120.176	131.250
92.0	2.768	33.978	81.652	118.020	128.977
92.5	3.235	33.075	80.166	115.951	126.733
93.0	3.701	32.288	78.622	113.998	124.576
93.5	4.196	31.676	77.165	112.075	122.537
94.0	4.721	31.151	75.795	110.268	120.555
94.5	5.216	30.773	74.513	108.433	118.515
95.0	5.712	30.481	73.318	106.626	116.563
95.5	6.178	30.277	72.211	104.906	114.639
96.0	6.557	30.190	71.249	103.245	112.745
96.5	6.935	30.190	70.287	101.701	110.997
97.0	7.285	30.219	69.413	100.215	109.248
97.5	7.664	30.335	68.597	98.787	107.646
98.0	7.985	30.452	67.869	97.388	106.014
98.5	8.363	30.598	67.257	96.048	104.499
99.0	8.742	30.773	66.616	94.795	103.012
99.5	9.150	30.977	66.062	93.600	101.555
100.0	9.500	31.181	65.625	92.493	100.244
100.5	9.908	31.414	65.188	91.414	98.904
101.0	10.258	31.647	64.867	90.394	97.709
101.5	10.607	31.880	64.547	89.433	96.485
102.0	10.928	32.113	64.314	88.529	95.407
102.5	11.248	32.346	64.080	87.684	94.328
103.0	11.569	32.608	63.906	86.839	93.367
103.5	11.919	32.871	63.760	86.111	92.376
104.0	12.297	33.104	63.614	85.441	91.473
104.5	12.676	33.366	63.527	84.799	90.628
105.0	13.026	33.628	63.439	84.217	89.812
105.5	13.346	33.861	63.352	83.605	89.112
106.0	13.725	34.153	63.323	83.080	88.413
106.5	14.075	34.415	63.323	82.585	87.713
107.0	14.425	34.707	63.323	82.118	87.131
107.5	14.745	34.940	63.323	81.769	86.519
108.0	15.153	35.231	63.323	81.361	85.907
108.5	15.532	35.523	63.352	81.069	85.499
109.0	15.911	35.756	63.410	80.691	85.091
109.5	16.319	36.018	63.439	80.428	84.654
110.0	16.727	36.280	63.498	80.137	84.304
110.5	17.135	36.542	63.556	79.875	83.983

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**CANDELA TABULATION - (Cont.)**

111.0	17.543	36.805	63.585	79.642	83.634
111.5	17.951	37.038	63.614	79.467	83.342
112.0	18.388	37.300	63.672	79.292	82.993
112.5	18.825	37.562	63.731	79.088	82.672
113.0	19.291	37.825	63.818	78.942	82.526
113.5	19.728	38.058	63.818	78.796	82.322
114.0	20.194	38.291	63.876	78.680	82.118
114.5	20.632	38.553	63.935	78.534	81.944
115.0	21.098	38.757	63.993	78.447	81.798
115.5	21.564	39.019	63.993	78.359	81.652
116.0	22.001	39.253	64.080	78.243	81.477
116.5	22.409	39.486	64.139	78.126	81.419
117.0	22.875	39.748	64.197	78.126	81.273
117.5	23.313	39.952	64.255	78.010	81.186
118.0	23.691	40.156	64.314	77.951	81.069
118.5	24.128	40.360	64.343	77.864	81.040
119.0	24.507	40.564	64.401	77.777	80.865
119.5	24.915	40.710	64.459	77.689	80.836
120.0	25.294	40.855	64.430	77.631	80.691
120.5	25.673	41.030	64.459	77.514	80.661
121.0	26.052	41.147	64.517	77.427	80.545
121.5	26.460	41.292	64.488	77.310	80.487
122.0	26.839	41.467	64.488	77.252	80.399
122.5	27.217	41.642	64.517	77.135	80.195
123.0	27.596	41.817	64.488	77.019	80.166
123.5	27.946	41.963	64.430	76.931	79.991
124.0	28.237	42.079	64.430	76.844	79.962
124.5	28.529	42.196	64.430	76.698	79.845
125.0	28.820	42.341	64.372	76.553	79.729
125.5	29.112	42.429	64.314	76.465	79.583
126.0	29.374	42.545	64.284	76.290	79.467
126.5	29.607	42.691	64.226	76.174	79.379
127.0	29.869	42.749	64.168	76.028	79.263
127.5	30.073	42.837	64.080	75.882	79.059
128.0	30.335	42.837	64.051	75.708	78.942
128.5	30.539	42.895	63.935	75.562	78.826
129.0	30.743	42.953	63.818	75.416	78.680
129.5	30.918	43.041	63.614	75.183	78.505
130.0	31.064	43.099	63.410	75.037	78.330
130.5	31.210	43.157	63.177	74.862	78.126
131.0	31.297	43.245	62.944	74.600	77.922
131.5	31.414	43.332	62.711	74.367	77.718
132.0	31.530	43.420	62.448	74.221	77.543
132.5	31.589	43.449	62.157	73.930	77.281
133.0	31.676	43.478	62.041	73.668	76.961
133.5	31.705	43.449	61.866	73.464	76.815
134.0	31.734	43.390	61.749	73.231	76.611
134.5	31.822	43.274	61.603	72.968	76.232
135.0	31.909	43.187	61.429	72.619	75.941
135.5	31.880	42.953	61.283	72.385	75.708
136.0	31.938	42.924	61.079	72.094	75.416
136.5	31.996	42.837	60.933	71.774	75.125
137.0	32.026	42.691	60.700	71.511	74.804
137.5	32.055	42.545	60.496	71.162	74.513
138.0	32.113	42.458	60.205	70.870	74.163
138.5	32.113	42.341	59.826	70.550	73.901

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**CANDELA TABULATION - (Cont.)**

139.0	32.084	42.254	59.389	70.171	73.493
139.5	32.084	42.137	58.864	69.763	73.201
140.0	32.084	41.992	58.281	69.384	72.793
140.5	32.084	41.904	57.757	68.918	72.356
141.0	32.084	41.846	57.174	68.422	72.007
141.5	32.084	41.729	56.591	67.985	71.657
142.0	32.055	41.671	56.038	67.432	71.278
142.5	32.026	41.584	55.455	66.936	70.841
143.0	31.996	41.496	54.901	66.470	70.404
143.5	31.996	41.380	54.260	65.975	69.996
144.0	31.996	41.234	53.706	65.596	69.530
144.5	32.084	41.118	53.153	65.159	69.122
145.0	32.200	41.001	52.541	64.780	68.655
145.5	32.404	40.855	51.987	64.401	68.189
146.0	32.667	40.739	51.462	63.993	67.752
146.5	32.929	40.622	51.025	63.556	67.257
147.0	33.191	40.476	50.530	63.119	66.761
147.5	33.424	40.418	50.151	62.682	66.266
148.0	33.687	40.302	49.743	62.186	65.741
148.5	33.920	40.272	49.423	61.720	65.217
149.0	34.211	40.272	49.073	61.254	64.751
149.5	34.415	40.360	48.752	60.758	64.168
150.0	34.648	40.418	48.432	60.292	63.556
150.5	34.852	40.447	48.082	59.768	62.915
151.0	34.998	40.535	47.616	59.243	62.157
151.5	35.144	40.564	47.120	58.689	61.458
152.0	35.319	40.622	46.654	58.107	60.758
152.5	35.493	40.680	46.217	57.495	60.001
153.0	35.610	40.710	45.751	56.795	59.389
153.5	35.756	40.797	45.255	56.067	58.689
154.0	35.872	40.768	44.818	55.251	58.107
154.5	36.018	40.797	44.440	54.464	57.524
155.0	36.076	40.855	44.061	53.561	57.087
155.5	36.193	40.884	43.682	52.716	56.620
156.0	36.280	40.884	43.420	51.812	56.212
156.5	36.426	40.884	43.157	50.909	55.688
157.0	36.484	40.943	42.895	50.093	55.192
157.5	36.572	40.943	42.720	49.306	54.639
158.0	36.688	40.914	42.633	48.490	54.114
158.5	36.717	40.914	42.516	47.820	53.502
159.0	36.863	40.826	42.429	47.179	52.978
159.5	36.980	40.768	42.283	46.567	52.395
160.0	37.125	40.710	42.137	46.071	51.812
160.5	37.300	40.680	42.021	45.605	51.258
161.0	37.417	40.593	41.992	45.110	50.705
161.5	37.591	40.564	41.933	44.614	50.297
162.0	37.737	40.506	42.021	44.206	49.947
162.5	37.883	40.506	42.079	43.769	49.539
163.0	38.058	40.476	42.108	43.303	49.189
163.5	38.203	40.476	42.167	42.808	48.752
164.0	38.262	40.476	42.225	42.196	48.344
164.5	38.349	40.418	42.167	41.729	47.820
165.0	38.437	40.418	42.079	41.263	47.295
165.5	38.524	40.389	41.992	40.943	46.742
166.0	38.611	40.360	41.933	40.593	45.897
166.5	38.699	40.360	41.846	40.302	45.489

IES INDOOR REPORT  
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CANDELA TABULATION - (Cont.)

167.0	38.815	40.360	41.759	40.039	45.168
167.5	38.874	40.360	41.584	39.806	44.848
168.0	38.961	40.360	41.438	39.573	44.585
168.5	39.136	40.243	41.234	39.369	44.265
169.0	39.223	40.272	41.088	39.165	43.944
169.5	39.369	40.185	40.855	38.932	43.594
170.0	39.427	40.156	40.651	38.641	43.274
170.5	39.515	40.098	40.389	38.320	42.924
171.0	39.573	40.039	40.098	37.970	42.487
171.5	39.660	40.039	39.835	37.650	42.137
172.0	39.806	39.981	39.690	37.329	41.613
172.5	39.894	39.981	39.515	36.980	41.030
173.0	40.010	39.923	39.369	36.659	40.039
173.5	40.156	39.952	39.311	36.338	38.553
174.0	40.272	39.952	39.282	36.076	36.717
174.5	40.360	39.952	39.223	35.814	34.532
175.0	40.535	40.039	39.194	35.610	32.055
175.5	40.593	40.068	39.165	35.523	29.461
176.0	40.710	40.127	39.165	35.435	27.771
176.5	40.739	40.156	39.136	35.435	26.576
177.0	40.855	40.214	39.078	35.348	25.352
177.5	40.884	40.214	38.990	35.319	25.090
178.0	41.001	40.272	38.961	35.289	25.148
178.5	41.059	40.302	38.990	35.231	25.207
179.0	41.118	40.302	38.961	35.144	25.236
179.5	41.176	40.302	38.932	35.115	25.265
180.0	36.921	36.921	36.921	36.921	36.921



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L32-827-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	333.62	N.A.	11.70
0-30	699.06	N.A.	24.50
0-40	1122.94	N.A.	39.40
0-60	1900.42	N.A.	66.70
0-80	2367.59	N.A.	83.10
0-90	2485.08	N.A.	87.30
10-90	2398.1	N.A.	84.20
20-40	789.31	N.A.	27.70
20-50	1206.73	N.A.	42.40
40-70	1054.44	N.A.	37.00
60-80	467.16	N.A.	16.40
70-80	190.21	N.A.	6.70
80-90	117.49	N.A.	4.10
90-110	137.23	N.A.	4.80
90-120	195.00	N.A.	6.80
90-130	248.17	N.A.	8.70
90-150	325.81	N.A.	11.40
90-180	362.92	N.A.	12.70
110-180	225.69	N.A.	7.90
0-180	2848.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	86.98
10-20	246.65
20-30	365.43
30-40	423.88
40-50	417.42
50-60	360.07
60-70	276.95
70-80	190.21
80-90	117.49
90-100	75.28
100-110	61.95
110-120	57.77
120-130	53.17
130-140	44.68
140-150	32.95
150-160	21.54
160-170	11.87
170-180	3.70

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L32-827-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-L32-827-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

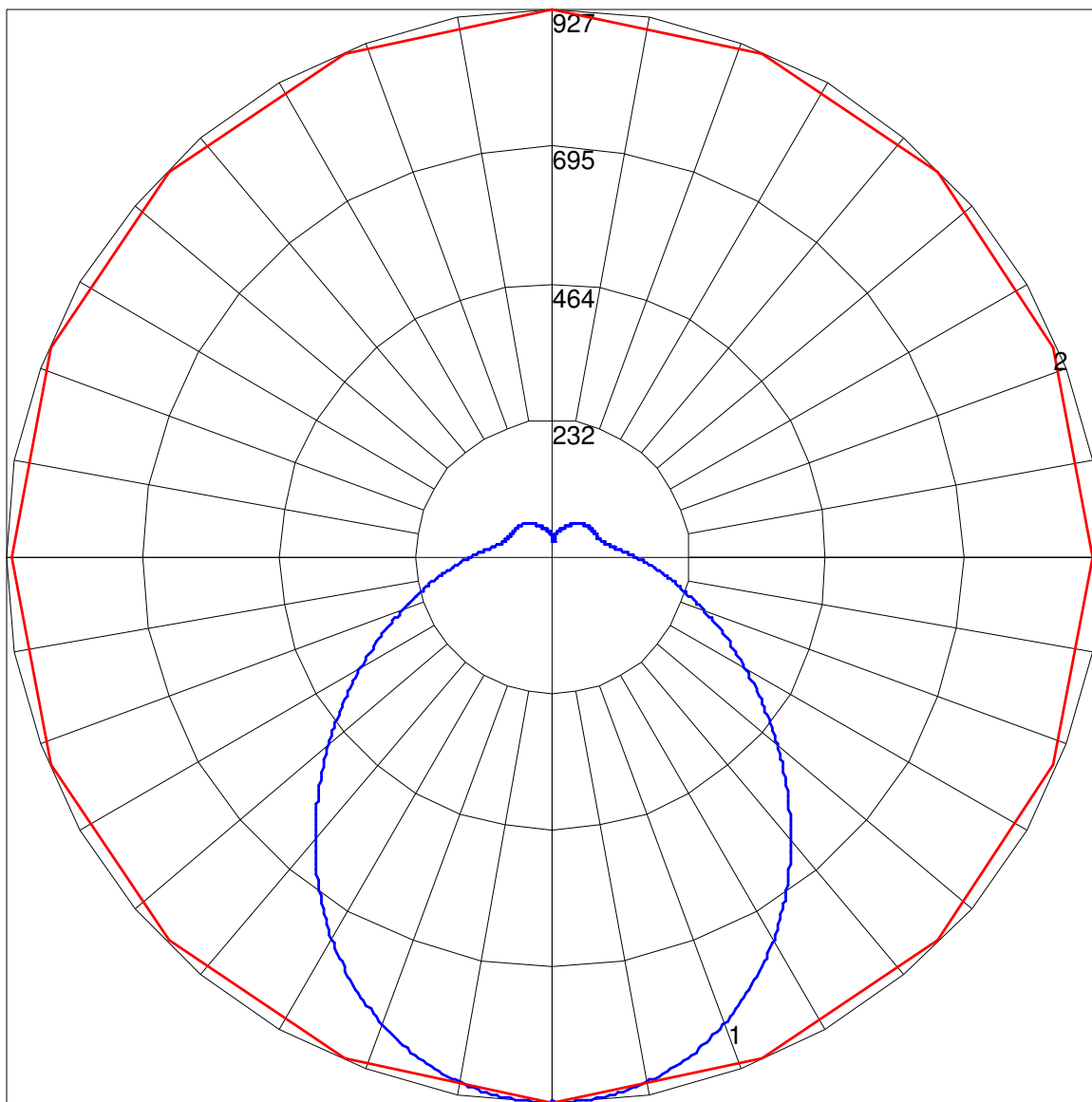
Reflectances

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	25.8	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	24.6	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 = 927.257 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.)