

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-940-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-L32-940-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	2525
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	10727	9688	9717
55	9209	8258	8531
65	7633	7030	7603
75	5948	6081	7106
85	3912	5859	7508

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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	817.195	817.195	817.195	817.195	817.195
0.5	813.320	816.420	816.937	816.678	822.104
1.0	813.320	816.678	816.678	816.420	821.846
1.5	812.545	816.678	816.420	816.162	822.104
2.0	812.286	815.903	816.420	815.903	821.329
2.5	812.286	815.903	815.645	815.645	820.812
3.0	811.511	815.128	815.128	815.128	820.296
3.5	810.995	814.353	814.353	814.612	819.779
4.0	810.478	813.837	813.837	813.578	819.262
4.5	809.186	813.061	813.320	813.061	818.487
5.0	808.411	812.286	812.286	812.286	817.712
5.5	807.378	811.253	811.253	811.511	816.678
6.0	806.861	809.961	810.219	810.219	815.645
6.5	805.052	808.928	809.186	809.186	814.353
7.0	804.019	807.636	807.894	807.636	813.320
7.5	802.985	806.086	806.602	806.602	812.028
8.0	801.694	805.052	805.052	805.052	810.219
8.5	800.402	803.244	803.760	803.760	808.669
9.0	798.335	801.952	802.210	801.952	806.861
9.5	797.043	800.143	800.143	800.143	805.827
10.0	794.976	798.077	798.077	798.593	803.760
10.5	793.168	796.268	796.526	796.526	801.952
11.0	791.359	794.459	794.718	794.459	799.885
11.5	789.034	792.393	792.909	792.393	798.077
12.0	786.967	790.067	790.584	790.584	795.751
12.5	784.900	787.742	788.517	788.000	793.684
13.0	782.575	785.675	786.192	785.934	791.359
13.5	780.250	783.092	783.608	783.608	789.292
14.0	777.408	780.508	781.025	781.025	786.450
14.5	775.082	777.924	778.441	778.441	784.383
15.0	772.757	775.341	775.599	775.599	781.283
15.5	769.915	772.240	773.016	773.016	778.183
16.0	766.815	769.398	770.174	770.174	775.599
16.5	764.231	766.298	767.073	767.332	772.757
17.0	760.614	762.939	763.973	764.231	769.657
17.5	757.514	759.839	760.873	761.131	766.557
18.0	754.672	756.739	757.514	758.289	763.715
18.5	751.313	753.638	754.414	754.930	760.356
19.0	747.955	749.763	751.055	751.572	756.739
19.5	744.079	746.663	747.696	748.730	753.380
20.0	739.945	742.787	744.079	744.854	749.763
20.5	735.812	739.429	740.462	741.496	746.404
21.0	732.453	735.295	736.070	738.137	742.787
21.5	728.577	731.419	732.711	733.745	738.912
22.0	724.444	727.802	729.094	730.128	735.553
22.5	720.827	723.152	724.960	726.511	731.678
23.0	716.435	719.018	720.827	722.377	727.544
23.5	711.784	714.626	716.951	718.501	723.669
24.0	707.134	710.234	712.559	714.368	719.535
24.5	703.258	705.842	708.425	709.975	714.884
25.0	698.866	701.450	704.292	705.842	710.751
25.5	693.957	697.057	699.383	701.708	705.842
26.0	689.307	692.149	695.249	697.316	701.966
26.5	684.398	687.240	690.857	692.665	697.574

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**CANDELA TABULATION - (Cont.)**

27.0	679.489	682.073	686.465	688.790	693.182
27.5	673.805	677.164	681.556	683.623	688.790
28.0	669.671	672.255	676.647	678.972	683.881
28.5	664.246	667.346	671.738	674.063	678.972
29.0	659.078	662.179	666.571	669.413	674.322
29.5	653.653	656.753	661.404	664.246	669.154
30.0	648.227	651.586	656.236	659.853	664.762
30.5	642.543	645.902	651.328	654.945	659.595
31.0	637.118	640.476	645.902	649.777	654.170
31.5	631.434	635.309	640.735	644.869	649.519
32.0	626.008	629.367	635.568	639.443	644.093
32.5	620.066	623.683	630.142	634.276	638.926
33.0	614.382	618.257	624.200	629.109	633.759
33.5	608.956	612.573	619.032	623.425	628.333
34.0	602.497	606.631	613.349	618.257	623.425
34.5	596.555	600.947	607.923	612.573	617.741
35.0	591.130	594.747	602.497	607.406	612.315
35.5	584.154	589.063	596.555	601.722	606.631
36.0	578.728	582.862	590.871	596.038	601.206
36.5	572.011	576.661	584.929	590.613	596.038
37.0	565.810	570.719	578.987	584.670	590.613
37.5	559.351	564.260	573.303	579.503	584.670
38.0	552.892	558.059	567.102	573.561	578.470
38.5	546.175	551.600	561.160	568.135	572.786
39.0	540.232	545.141	554.959	562.193	568.135
39.5	533.515	539.199	549.017	556.251	561.935
40.0	526.281	532.482	542.816	550.825	555.992
40.5	519.564	526.023	536.874	545.141	550.309
41.0	513.363	519.564	530.673	539.199	544.366
41.5	506.646	513.105	524.472	533.257	538.682
42.0	499.928	506.646	518.272	527.573	532.998
42.5	493.469	499.928	511.813	521.630	527.056
43.0	486.235	493.469	505.870	515.947	521.372
43.5	480.034	486.752	499.411	510.004	515.688
44.0	473.059	480.034	492.952	504.320	509.746
44.5	466.600	473.575	486.493	498.120	503.804
45.0	459.882	466.858	480.293	492.694	498.378
45.5	453.165	460.399	474.092	487.010	492.694
46.0	446.447	453.682	467.375	480.809	486.752
46.5	439.730	446.964	461.691	475.642	481.068
47.0	432.754	440.505	455.232	469.442	475.384
47.5	426.037	433.788	448.773	463.499	469.442
48.0	419.578	427.070	442.314	458.074	463.499
48.5	412.344	420.611	436.371	451.873	457.815
49.0	405.885	413.636	429.654	445.931	451.873
49.5	399.167	407.177	423.453	440.247	446.189
50.0	392.192	400.459	417.253	434.046	440.247
50.5	385.733	394.000	410.794	428.879	434.821
51.0	379.015	387.283	405.110	422.937	429.137
51.5	372.556	380.565	398.651	417.253	423.453
52.0	365.581	374.106	392.450	411.310	417.769
52.5	358.863	367.389	386.508	405.368	412.344
53.0	351.887	360.930	380.307	400.201	406.402
53.5	345.170	354.471	374.365	394.259	400.976
54.0	338.711	348.012	368.423	388.575	395.550
54.5	332.510	341.295	362.480	383.407	390.125

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**CANDELA TABULATION - (Cont.)**

55.0	326.051	335.094	356.538	377.465	385.216
55.5	320.626	328.635	350.596	372.040	379.274
56.0	314.425	322.951	344.912	366.614	373.848
56.5	307.966	317.009	338.969	361.188	368.681
57.0	301.765	311.066	333.285	355.763	363.255
57.5	295.306	304.866	328.377	350.596	357.313
58.0	288.847	298.665	322.693	344.912	352.921
58.5	282.647	292.464	317.009	340.003	347.754
59.0	276.446	286.264	311.583	335.611	342.328
59.5	270.245	280.321	306.674	330.185	338.194
60.0	264.045	274.121	301.249	325.018	333.027
60.5	257.973	268.179	295.823	320.109	327.860
61.0	251.876	262.236	290.398	315.200	322.951
61.5	245.830	256.346	284.972	310.291	318.301
62.0	239.888	250.507	279.805	305.641	313.392
62.5	234.023	244.719	274.379	300.990	308.741
63.0	228.081	238.958	269.212	296.081	304.607
63.5	222.190	233.274	264.303	291.431	299.957
64.0	216.455	227.668	259.136	286.522	295.306
64.5	210.745	222.190	254.227	281.872	290.656
65.0	205.087	216.687	249.292	277.221	286.264
65.5	199.506	211.313	244.409	272.571	281.613
66.0	193.848	205.939	239.578	267.920	277.221
66.5	188.319	200.695	234.772	263.528	272.829
67.0	182.919	195.502	229.993	258.878	268.437
67.5	177.494	190.386	225.316	254.537	264.045
68.0	172.146	185.400	220.666	250.145	259.911
68.5	166.875	180.439	216.119	245.882	255.596
69.0	161.631	175.530	211.623	241.593	251.514
69.5	156.463	170.725	207.180	237.434	247.458
70.0	151.322	165.997	202.813	233.351	243.428
70.5	146.310	161.320	198.447	229.269	239.449
71.0	141.349	156.696	194.158	225.239	235.522
71.5	136.440	152.175	189.973	221.312	231.646
72.0	131.635	147.627	185.787	217.411	227.874
72.5	126.803	143.235	181.705	213.587	224.128
73.0	122.101	138.869	177.649	209.815	220.356
73.5	117.528	134.554	173.722	206.069	216.687
74.0	113.007	130.369	169.743	202.452	212.993
74.5	108.563	126.158	165.945	198.860	209.505
75.0	104.145	122.050	162.173	195.347	206.120
75.5	99.805	118.045	158.453	191.859	202.684
76.0	95.593	114.118	154.836	188.397	199.325
76.5	91.408	110.243	151.244	185.012	195.967
77.0	87.274	106.393	147.705	181.653	192.711
77.5	83.218	102.647	144.217	178.398	189.482
78.0	79.213	98.978	140.832	175.194	186.304
78.5	75.286	95.361	137.474	171.965	183.152
79.0	71.437	91.847	134.218	168.839	180.052
79.5	67.613	88.359	131.015	165.790	176.951
80.0	63.841	84.923	127.811	162.767	174.006
80.5	60.172	81.590	124.711	159.719	171.009
81.0	56.607	78.309	121.740	156.773	168.090
81.5	52.990	75.105	118.768	153.854	165.170
82.0	49.502	71.979	115.875	151.038	162.354
82.5	46.092	68.905	113.033	148.222	159.589

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**CANDELA TABULATION - (Cont.)**

83.0	42.733	65.908	110.243	145.509	156.903
83.5	39.400	62.988	107.581	142.744	154.112
84.0	36.145	60.146	104.998	140.135	151.451
84.5	32.915	57.408	102.466	137.551	148.842
85.0	29.815	54.747	99.986	134.994	146.232
85.5	26.715	52.215	97.557	132.513	143.700
86.0	23.666	49.786	95.180	130.085	141.194
86.5	20.643	47.513	92.932	127.656	138.688
87.0	17.672	45.316	90.659	125.357	136.234
87.5	14.701	43.275	88.514	123.031	133.883
88.0	11.755	41.286	86.396	120.784	131.506
88.5	8.784	39.426	84.355	118.562	129.206
89.0	6.071	37.669	82.417	116.417	126.933
89.5	3.850	36.041	80.531	114.350	124.711
90.0	2.299	34.595	78.800	112.387	122.670
90.5	1.628	33.329	77.198	110.423	120.499
91.0	1.731	32.166	75.571	108.434	118.433
91.5	2.067	31.055	73.943	106.548	116.366
92.0	2.454	30.125	72.393	104.636	114.350
92.5	2.868	29.324	71.075	102.802	112.361
93.0	3.281	28.626	69.706	101.071	110.449
93.5	3.720	28.084	68.414	99.366	108.641
94.0	4.185	27.619	67.200	97.764	106.884
94.5	4.625	27.283	66.063	96.136	105.075
95.0	5.064	27.025	65.004	94.534	103.344
95.5	5.477	26.844	64.022	93.010	101.639
96.0	5.813	26.766	63.169	91.537	99.960
96.5	6.149	26.766	62.317	90.168	98.410
97.0	6.459	26.792	61.542	88.850	96.859
97.5	6.795	26.895	60.818	87.584	95.438
98.0	7.079	26.999	60.172	86.344	93.992
98.5	7.415	27.128	59.630	85.156	92.648
99.0	7.751	27.283	59.061	84.045	91.331
99.5	8.113	27.464	58.570	82.985	90.039
100.0	8.423	27.645	58.183	82.004	88.876
100.5	8.784	27.851	57.795	81.048	87.688
101.0	9.094	28.058	57.511	80.144	86.628
101.5	9.404	28.265	57.227	79.291	85.543
102.0	9.689	28.471	57.020	78.490	84.587
102.5	9.973	28.678	56.814	77.741	83.631
103.0	10.257	28.911	56.659	76.992	82.779
103.5	10.567	29.143	56.529	76.346	81.900
104.0	10.903	29.350	56.400	75.751	81.099
104.5	11.239	29.582	56.323	75.183	80.350
105.0	11.549	29.815	56.245	74.666	79.627
105.5	11.833	30.022	56.168	74.124	79.007
106.0	12.169	30.280	56.142	73.659	78.387
106.5	12.479	30.512	56.142	73.219	77.767
107.0	12.789	30.771	56.142	72.806	77.250
107.5	13.073	30.977	56.142	72.496	76.707
108.0	13.435	31.236	56.142	72.134	76.165
108.5	13.771	31.494	56.168	71.876	75.803
109.0	14.106	31.701	56.219	71.540	75.441
109.5	14.468	31.933	56.245	71.308	75.054
110.0	14.830	32.166	56.297	71.049	74.744
110.5	15.192	32.398	56.348	70.817	74.460

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**CANDELA TABULATION - (Cont.)**

111.0	15.553	32.631	56.374	70.610	74.150
111.5	15.915	32.838	56.400	70.455	73.891
112.0	16.303	33.070	56.452	70.300	73.581
112.5	16.690	33.303	56.504	70.119	73.297
113.0	17.103	33.535	56.581	69.990	73.168
113.5	17.491	33.742	56.581	69.861	72.987
114.0	17.904	33.949	56.633	69.757	72.806
114.5	18.292	34.181	56.684	69.628	72.651
115.0	18.705	34.362	56.736	69.551	72.522
115.5	19.119	34.595	56.736	69.473	72.393
116.0	19.506	34.801	56.814	69.370	72.238
116.5	19.868	35.008	56.865	69.267	72.186
117.0	20.281	35.240	56.917	69.267	72.057
117.5	20.669	35.421	56.969	69.163	71.979
118.0	21.005	35.602	57.020	69.112	71.876
118.5	21.392	35.783	57.046	69.034	71.850
119.0	21.728	35.964	57.098	68.956	71.695
119.5	22.090	36.093	57.149	68.879	71.669
120.0	22.426	36.222	57.124	68.827	71.540
120.5	22.762	36.377	57.149	68.724	71.514
121.0	23.097	36.481	57.201	68.646	71.411
121.5	23.459	36.610	57.175	68.543	71.359
122.0	23.795	36.765	57.175	68.491	71.282
122.5	24.131	36.920	57.201	68.388	71.101
123.0	24.467	37.075	57.175	68.285	71.075
123.5	24.777	37.204	57.124	68.207	70.920
124.0	25.035	37.307	57.124	68.130	70.894
124.5	25.294	37.411	57.124	68.001	70.791
125.0	25.552	37.540	57.072	67.871	70.688
125.5	25.810	37.617	57.020	67.794	70.558
126.0	26.043	37.721	56.994	67.639	70.455
126.5	26.249	37.850	56.943	67.536	70.377
127.0	26.482	37.902	56.891	67.406	70.274
127.5	26.663	37.979	56.814	67.277	70.093
128.0	26.895	37.979	56.788	67.122	69.990
128.5	27.076	38.031	56.684	66.993	69.887
129.0	27.257	38.082	56.581	66.864	69.757
129.5	27.412	38.160	56.400	66.657	69.602
130.0	27.541	38.212	56.219	66.528	69.447
130.5	27.670	38.263	56.013	66.373	69.267
131.0	27.748	38.341	55.806	66.140	69.086
131.5	27.851	38.418	55.599	65.934	68.905
132.0	27.955	38.496	55.367	65.804	68.750
132.5	28.006	38.522	55.108	65.546	68.517
133.0	28.084	38.547	55.005	65.314	68.233
133.5	28.110	38.522	54.850	65.133	68.104
134.0	28.135	38.470	54.747	64.926	67.923
134.5	28.213	38.367	54.617	64.694	67.587
135.0	28.291	38.289	54.462	64.384	67.329
135.5	28.265	38.082	54.333	64.177	67.122
136.0	28.316	38.057	54.152	63.918	66.864
136.5	28.368	37.979	54.023	63.634	66.605
137.0	28.394	37.850	53.817	63.402	66.321
137.5	28.420	37.721	53.636	63.092	66.063
138.0	28.471	37.643	53.377	62.833	65.753
138.5	28.471	37.540	53.041	62.549	65.520

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**CANDELA TABULATION - (Cont.)**

139.0	28.446	37.462	52.654	62.213	65.159
139.5	28.446	37.359	52.189	61.852	64.900
140.0	28.446	37.230	51.672	61.516	64.539
140.5	28.446	37.152	51.207	61.102	64.151
141.0	28.446	37.101	50.690	60.663	63.841
141.5	28.446	36.997	50.174	60.276	63.531
142.0	28.420	36.946	49.683	59.785	63.195
142.5	28.394	36.868	49.166	59.345	62.808
143.0	28.368	36.791	48.675	58.932	62.420
143.5	28.368	36.687	48.107	58.493	62.058
144.0	28.368	36.558	47.616	58.157	61.645
144.5	28.446	36.455	47.125	57.769	61.283
145.0	28.549	36.351	46.582	57.434	60.870
145.5	28.730	36.222	46.092	57.098	60.456
146.0	28.962	36.119	45.627	56.736	60.069
146.5	29.195	36.015	45.239	56.348	59.630
147.0	29.427	35.886	44.800	55.961	59.190
147.5	29.634	35.835	44.464	55.573	58.751
148.0	29.867	35.731	44.102	55.134	58.286
148.5	30.073	35.705	43.818	54.721	57.821
149.0	30.332	35.705	43.508	54.307	57.408
149.5	30.512	35.783	43.224	53.868	56.891
150.0	30.719	35.835	42.940	53.455	56.348
150.5	30.900	35.860	42.630	52.990	55.780
151.0	31.029	35.938	42.216	52.525	55.108
151.5	31.158	35.964	41.777	52.034	54.488
152.0	31.313	36.015	41.364	51.517	53.868
152.5	31.468	36.067	40.976	50.975	53.196
153.0	31.572	36.093	40.563	50.355	52.654
153.5	31.701	36.171	40.123	49.709	52.034
154.0	31.804	36.145	39.736	48.985	51.517
154.5	31.933	36.171	39.400	48.288	51.000
155.0	31.985	36.222	39.064	47.487	50.613
155.5	32.088	36.248	38.728	46.737	50.200
156.0	32.166	36.248	38.496	45.937	49.838
156.5	32.295	36.248	38.263	45.136	49.373
157.0	32.347	36.300	38.031	44.412	48.934
157.5	32.424	36.300	37.876	43.715	48.443
158.0	32.528	36.274	37.798	42.991	47.978
158.5	32.553	36.274	37.695	42.397	47.435
159.0	32.683	36.196	37.617	41.829	46.970
159.5	32.786	36.145	37.488	41.286	46.453
160.0	32.915	36.093	37.359	40.847	45.937
160.5	33.070	36.067	37.256	40.433	45.446
161.0	33.174	35.990	37.230	39.994	44.955
161.5	33.329	35.964	37.178	39.555	44.593
162.0	33.458	35.912	37.256	39.193	44.283
162.5	33.587	35.912	37.307	38.806	43.921
163.0	33.742	35.886	37.333	38.392	43.611
163.5	33.871	35.886	37.385	37.953	43.224
164.0	33.923	35.886	37.436	37.411	42.862
164.5	34.000	35.835	37.385	36.997	42.397
165.0	34.078	35.835	37.307	36.584	41.932
165.5	34.155	35.809	37.230	36.300	41.441
166.0	34.233	35.783	37.178	35.990	40.692
166.5	34.310	35.783	37.101	35.731	40.330

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-2-L32-940-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	34.414	35.783	37.023	35.499	40.046
167.5	34.465	35.783	36.868	35.292	39.762
168.0	34.543	35.783	36.739	35.085	39.529
168.5	34.698	35.680	36.558	34.905	39.245
169.0	34.775	35.705	36.429	34.724	38.961
169.5	34.905	35.628	36.222	34.517	38.651
170.0	34.956	35.602	36.041	34.259	38.367
170.5	35.034	35.550	35.809	33.974	38.057
171.0	35.085	35.499	35.550	33.664	37.669
171.5	35.163	35.499	35.318	33.380	37.359
172.0	35.292	35.447	35.189	33.096	36.894
172.5	35.370	35.447	35.034	32.786	36.377
173.0	35.473	35.395	34.905	32.502	35.499
173.5	35.602	35.421	34.853	32.218	34.181
174.0	35.705	35.421	34.827	31.985	32.553
174.5	35.783	35.421	34.775	31.753	30.616
175.0	35.938	35.499	34.750	31.572	28.420
175.5	35.990	35.525	34.724	31.494	26.120
176.0	36.093	35.576	34.724	31.417	24.622
176.5	36.119	35.602	34.698	31.417	23.563
177.0	36.222	35.654	34.646	31.339	22.477
177.5	36.248	35.654	34.569	31.313	22.245
178.0	36.351	35.705	34.543	31.287	22.297
178.5	36.403	35.731	34.569	31.236	22.348
179.0	36.455	35.731	34.543	31.158	22.374
179.5	36.506	35.731	34.517	31.132	22.400
180.0	32.734	32.734	32.734	32.734	32.734



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	295.79	N.A.	11.70
0-30	619.78	N.A.	24.50
0-40	995.59	N.A.	39.40
0-60	1684.91	N.A.	66.70
0-80	2099.1	N.A.	83.10
0-90	2203.27	N.A.	87.30
10-90	2126.15	N.A.	84.20
20-40	699.80	N.A.	27.70
20-50	1069.88	N.A.	42.40
40-70	934.86	N.A.	37.00
60-80	414.19	N.A.	16.40
70-80	168.64	N.A.	6.70
80-90	104.17	N.A.	4.10
90-110	121.67	N.A.	4.80
90-120	172.89	N.A.	6.80
90-130	220.03	N.A.	8.70
90-150	288.86	N.A.	11.40
90-180	321.76	N.A.	12.70
110-180	200.09	N.A.	7.90
0-180	2525.03	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	77.11
10-20	218.68
20-30	323.99
30-40	375.81
40-50	370.08
50-60	319.24
60-70	245.55
70-80	168.64
80-90	104.17
90-100	66.74
100-110	54.93
110-120	51.22
120-130	47.14
130-140	39.61
140-150	29.21
150-160	19.10
160-170	10.52
170-180	3.28

**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	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-L32-940-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

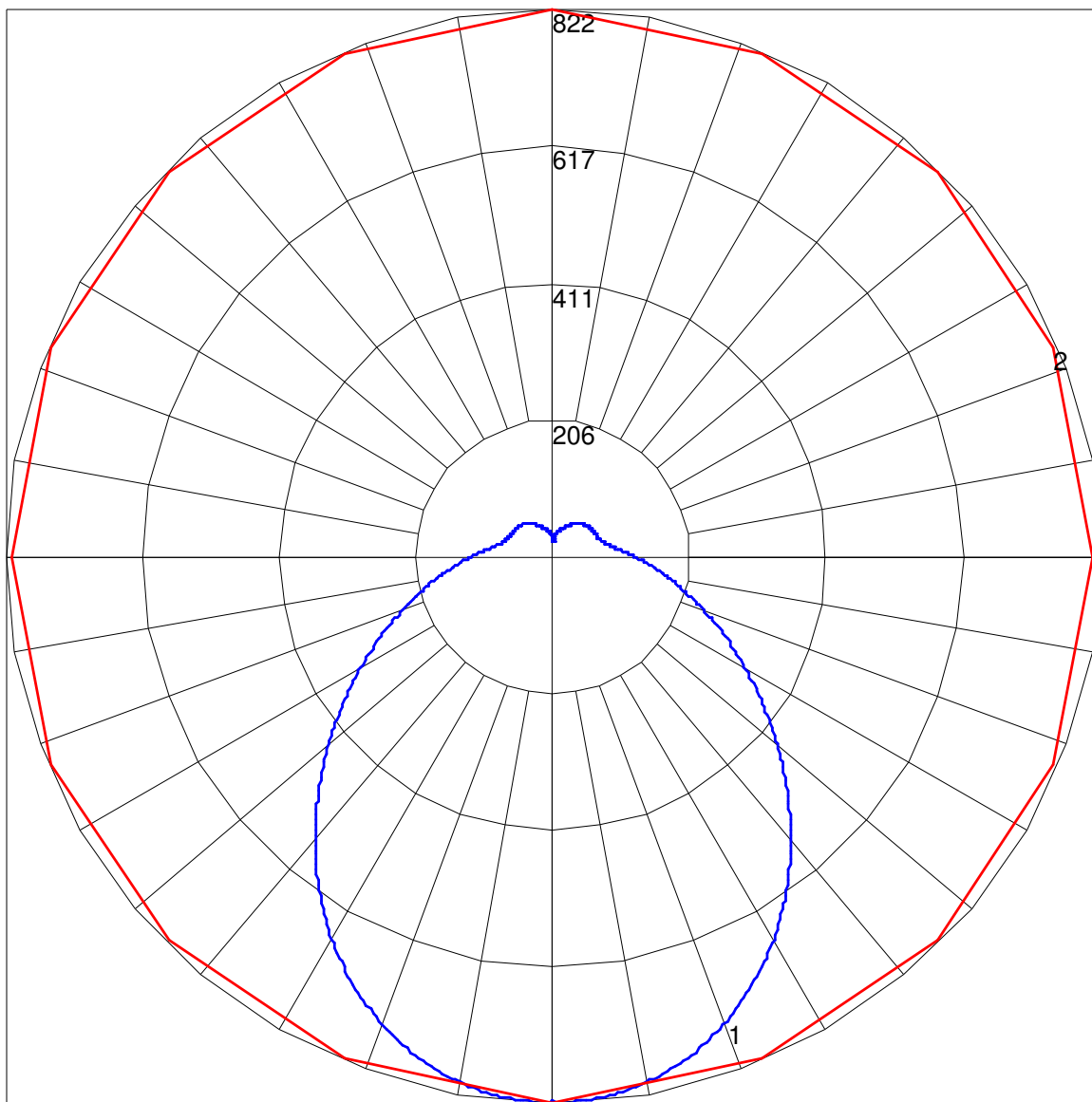
Reflectances

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	17.3	18.7	17.9	19.3	19.9	18.9	20.3	19.5	20.9	21.5
	3H	18.7	19.9	19.3	20.5	21.2	21.1	22.3	21.7	22.9	23.6
	4H	19.1	20.3	19.7	20.9	21.6	22.1	23.3	22.7	23.9	24.6
	6H	19.4	20.5	20.0	21.1	21.8	23.2	24.3	23.8	24.9	25.6
	8H	19.5	20.6	20.1	21.2	21.9	23.8	24.8	24.4	25.5	26.1
	12H	19.6	20.5	20.2	21.2	21.9	24.4	25.4	25.0	26.0	26.7
4H	2H	18.1	19.2	18.7	19.8	20.5	19.3	20.5	19.9	21.1	21.8
	3H	19.7	20.7	20.3	21.3	22.0	21.8	22.7	22.4	23.4	24.1
	4H	20.2	21.1	20.9	21.8	22.5	23.0	23.9	23.6	24.5	25.2
	6H	20.6	21.4	21.3	22.1	22.8	24.3	25.0	24.9	25.7	26.4
	8H	20.8	21.5	21.4	22.2	22.9	24.9	25.7	25.6	26.3	27.1
	12H	20.8	21.5	21.5	22.2	22.9	25.7	26.3	26.3	27.0	27.8
8H	4H	20.8	21.5	21.4	22.2	22.9	23.2	23.9	23.8	24.6	25.3
	6H	21.4	22.0	22.0	22.7	23.4	24.6	25.3	25.3	26.0	26.7
	8H	21.6	22.1	22.3	22.8	23.6	25.4	26.0	26.1	26.7	27.5
	12H	21.7	22.2	22.4	22.9	23.7	26.4	26.9	27.1	27.6	28.4
12H	4H	20.9	21.6	21.6	22.3	23.0	23.2	23.8	23.8	24.5	25.3
	6H	21.6	22.2	22.3	22.9	23.7	24.7	25.2	25.4	25.9	26.7
	8H	21.9	22.4	22.6	23.1	23.9	25.6	26.1	26.3	26.7	27.6

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 822.104 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.)