

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-850-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-L32-850-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	3100
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	180
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	13167	11892	11928
55	11304	10137	10472
65	9370	8630	9332
75	7301	7465	8723
85	4802	7192	9216

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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	1003.124	1003.124	1003.124	1003.124	1003.124
0.5	998.367	1002.172	1002.807	1002.489	1009.149
1.0	998.367	1002.489	1002.489	1002.172	1008.832
1.5	997.415	1002.489	1002.172	1001.855	1009.149
2.0	997.098	1001.538	1002.172	1001.538	1008.198
2.5	997.098	1001.538	1001.221	1001.221	1007.564
3.0	996.147	1000.587	1000.587	1000.587	1006.929
3.5	995.512	999.635	999.635	999.952	1006.295
4.0	994.878	999.001	999.001	998.684	1005.661
4.5	993.292	998.049	998.367	998.049	1004.709
5.0	992.341	997.098	997.098	997.098	1003.758
5.5	991.072	995.829	995.829	996.147	1002.489
6.0	990.438	994.244	994.561	994.561	1001.221
6.5	988.218	992.975	993.292	993.292	999.635
7.0	986.949	991.389	991.707	991.389	998.367
7.5	985.681	989.487	990.121	990.121	996.781
8.0	984.095	988.218	988.218	988.218	994.561
8.5	982.509	985.998	986.632	986.632	992.658
9.0	979.972	984.412	984.729	984.412	990.438
9.5	978.387	982.192	982.192	982.192	989.169
10.0	975.849	979.655	979.655	980.289	986.632
10.5	973.629	977.435	977.752	977.752	984.412
11.0	971.409	975.215	975.532	975.215	981.875
11.5	968.555	972.678	973.312	972.678	979.655
12.0	966.018	969.824	970.458	970.458	976.801
12.5	963.481	966.969	967.921	967.286	974.264
13.0	960.626	964.432	965.066	964.749	971.409
13.5	957.772	961.261	961.895	961.895	968.872
14.0	954.284	958.089	958.724	958.724	965.384
14.5	951.429	954.918	955.552	955.552	962.846
15.0	948.575	951.746	952.064	952.064	959.041
15.5	945.086	947.941	948.892	948.892	955.235
16.0	941.281	944.452	945.404	945.404	952.064
16.5	938.109	940.646	941.598	941.915	948.575
17.0	933.669	936.524	937.792	938.109	944.769
17.5	929.864	932.718	933.986	934.304	940.964
18.0	926.375	928.912	929.864	930.815	937.475
18.5	922.252	925.106	926.058	926.692	933.352
19.0	918.129	920.349	921.935	922.569	928.912
19.5	913.372	916.544	917.812	919.081	924.789
20.0	908.298	911.786	913.372	914.324	920.349
20.5	903.224	907.664	908.932	910.201	916.226
21.0	899.101	902.589	903.541	906.078	911.786
21.5	894.344	897.832	899.418	900.686	907.029
22.0	889.269	893.392	894.978	896.246	902.906
22.5	884.829	887.684	889.904	891.806	898.149
23.0	879.438	882.609	884.829	886.732	893.075
23.5	873.729	877.218	880.072	881.975	888.318
24.0	868.021	871.826	874.681	876.901	883.244
24.5	863.264	866.435	869.606	871.509	877.535
25.0	857.872	861.044	864.532	866.435	872.461
25.5	851.846	855.652	858.506	861.361	866.435
26.0	846.138	849.626	853.432	855.969	861.678
26.5	840.112	843.601	848.041	850.261	856.286

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CANDELA TABULATION - (Cont.)

27.0	834.086	837.258	842.649	845.504	850.895
27.5	827.109	831.232	836.624	839.161	845.504
28.0	822.035	825.206	830.598	833.452	839.478
28.5	815.375	819.181	824.572	827.426	833.452
29.0	809.032	812.838	818.229	821.718	827.744
29.5	802.372	806.178	811.886	815.375	821.401
30.0	795.712	799.835	805.544	809.984	816.009
30.5	788.735	792.858	799.518	803.958	809.666
31.0	782.075	786.198	792.858	797.615	803.006
31.5	775.098	779.855	786.515	791.589	797.298
32.0	768.438	772.561	780.172	784.929	790.638
32.5	761.143	765.583	773.512	778.586	784.295
33.0	754.166	758.923	766.218	772.243	777.952
33.5	747.506	751.946	759.875	765.266	771.292
34.0	739.578	744.652	752.898	758.923	765.266
34.5	732.283	737.675	746.238	751.946	758.289
35.0	725.623	730.063	739.578	745.603	751.629
35.5	717.061	723.086	732.283	738.626	744.652
36.0	710.401	715.475	725.306	731.649	737.992
36.5	702.155	707.863	718.012	724.989	731.649
37.0	694.543	700.569	710.718	717.695	724.989
37.5	686.615	692.641	703.741	711.352	717.695
38.0	678.686	685.029	696.129	704.058	710.083
38.5	670.441	677.101	688.835	697.398	703.106
39.0	663.146	669.172	681.223	690.103	697.398
39.5	654.901	661.878	673.929	682.809	689.786
40.0	646.021	653.632	666.318	676.149	682.492
40.5	637.775	645.703	659.023	669.172	675.515
41.0	630.163	637.775	651.412	661.878	668.221
41.5	621.918	629.846	643.801	654.583	661.243
42.0	613.672	621.918	636.189	647.606	654.266
42.5	605.743	613.672	628.261	640.312	646.972
43.0	596.863	605.743	620.966	633.335	639.995
43.5	589.252	597.498	613.038	626.041	633.018
44.0	580.689	589.252	605.109	619.063	625.723
44.5	572.760	581.323	597.180	611.452	618.429
45.0	564.515	573.078	589.569	604.792	611.769
45.5	556.269	565.149	581.958	597.815	604.792
46.0	548.023	556.903	573.712	590.203	597.498
46.5	539.778	548.658	566.735	583.860	590.520
47.0	531.215	540.729	558.806	576.249	583.543
47.5	522.969	532.483	550.878	568.955	576.249
48.0	515.040	524.238	542.949	562.295	568.955
48.5	506.160	516.309	535.655	554.683	561.978
49.0	498.232	507.746	527.409	547.389	554.683
49.5	489.986	499.818	519.798	540.412	547.706
50.0	481.423	491.572	512.186	532.800	540.412
50.5	473.495	483.643	504.258	526.458	533.752
51.0	465.249	475.398	497.280	519.163	526.775
51.5	457.320	467.152	489.352	512.186	519.798
52.0	448.758	459.223	481.740	504.892	512.820
52.5	440.512	450.978	474.446	497.598	506.160
53.0	431.949	443.049	466.835	491.255	498.866
53.5	423.703	435.120	459.540	483.960	492.206
54.0	415.775	427.192	452.246	476.983	485.546
54.5	408.163	418.946	444.952	470.640	478.886

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CANDELA TABULATION - (Cont.)

55.0	400.235	411.335	437.657	463.346	472.860
55.5	393.575	403.406	430.363	456.686	465.566
56.0	385.963	396.429	423.386	450.026	458.906
56.5	378.035	389.135	416.092	443.366	452.563
57.0	370.423	381.840	409.115	436.706	445.903
57.5	362.495	374.229	403.089	430.363	438.609
58.0	354.566	366.617	396.112	423.386	433.217
58.5	346.955	359.006	389.135	417.360	426.875
59.0	339.343	351.395	382.475	411.969	420.215
59.5	331.732	344.100	376.449	405.309	415.140
60.0	324.120	336.489	369.789	398.966	408.797
60.5	316.667	329.195	363.129	392.940	402.455
61.0	309.183	321.900	356.469	386.915	396.429
61.5	301.762	314.669	349.809	380.889	390.720
62.0	294.467	307.502	343.466	375.180	384.695
62.5	287.268	300.398	336.806	369.472	378.986
63.0	279.974	293.326	330.463	363.446	373.912
63.5	272.743	286.349	324.437	357.737	368.203
64.0	265.702	279.467	318.095	351.712	362.495
64.5	258.694	272.743	312.069	346.003	356.786
65.0	251.748	265.988	306.011	340.295	351.395
65.5	244.898	259.391	300.017	334.586	345.686
66.0	237.952	252.795	294.087	328.877	340.295
66.5	231.166	246.357	288.188	323.486	334.903
67.0	224.537	239.982	282.321	317.777	329.512
67.5	217.877	233.703	276.581	312.449	324.120
68.0	211.312	227.582	270.872	307.058	319.046
68.5	204.843	221.493	265.290	301.825	313.750
69.0	198.405	215.467	259.772	296.561	308.739
69.5	192.062	209.568	254.317	291.455	303.760
70.0	185.751	203.764	248.957	286.444	298.812
70.5	179.598	198.024	243.598	281.433	293.928
71.0	173.509	192.347	238.333	276.485	289.108
71.5	167.483	186.797	233.195	271.665	284.351
72.0	161.584	181.216	228.058	266.876	279.720
72.5	155.654	175.824	223.047	262.182	275.122
73.0	149.882	170.464	218.068	257.552	270.491
73.5	144.268	165.168	213.247	252.953	265.988
74.0	138.718	160.030	208.363	248.513	261.453
74.5	133.264	154.861	203.701	244.105	257.171
75.0	127.840	149.818	199.071	239.792	253.017
75.5	122.512	144.903	194.504	235.510	248.799
76.0	117.343	140.082	190.064	231.261	244.676
76.5	112.205	135.325	185.656	227.106	240.553
77.0	107.131	130.600	181.311	222.983	236.557
77.5	102.152	126.001	177.029	218.987	232.593
78.0	97.236	121.498	172.875	215.055	228.692
78.5	92.416	117.058	168.752	211.090	224.823
79.0	87.690	112.744	164.756	207.253	221.017
79.5	82.996	108.463	160.823	203.511	217.211
80.0	78.366	104.245	156.891	199.800	213.596
80.5	73.863	100.154	153.085	196.058	209.917
81.0	69.486	96.126	149.438	192.442	206.333
81.5	65.046	92.194	145.791	188.859	202.750
82.0	60.765	88.356	142.239	185.402	199.293
82.5	56.578	84.582	138.750	181.945	195.899

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CANDELA TABULATION - (Cont.)

83.0	52.455	80.903	135.325	178.615	192.601
83.5	48.364	77.319	132.058	175.222	189.176
84.0	44.368	73.831	128.887	172.018	185.909
84.5	40.404	70.469	125.779	168.847	182.706
85.0	36.598	67.203	122.734	165.707	179.503
85.5	32.793	64.095	119.753	162.663	176.395
86.0	29.050	61.113	116.836	159.682	173.319
86.5	25.340	58.323	114.076	156.700	170.242
87.0	21.693	55.627	111.286	153.878	167.230
87.5	18.045	53.121	108.653	151.024	164.344
88.0	14.430	50.679	106.053	148.264	161.426
88.5	10.783	48.396	103.547	145.537	158.603
89.0	7.453	46.239	101.169	142.905	155.812
89.5	4.725	44.241	98.854	140.368	153.085
90.0	2.823	42.465	96.729	137.957	150.580
90.5	1.998	40.911	94.762	135.547	147.916
91.0	2.125	39.484	92.764	133.105	145.378
91.5	2.537	38.121	90.766	130.790	142.841
92.0	3.013	36.979	88.864	128.443	140.368
92.5	3.520	35.996	87.246	126.191	137.926
93.0	4.028	35.139	85.565	124.066	135.579
93.5	4.567	34.473	83.979	121.973	133.359
94.0	5.138	33.903	82.489	120.007	131.202
94.5	5.677	33.490	81.093	118.009	128.982
95.0	6.216	33.173	79.793	116.043	126.857
95.5	6.723	32.951	78.588	114.172	124.764
96.0	7.136	32.856	77.541	112.364	122.703
96.5	7.548	32.856	76.495	110.683	120.800
97.0	7.929	32.888	75.543	109.066	118.897
97.5	8.341	33.015	74.655	107.512	117.153
98.0	8.690	33.141	73.863	105.989	115.377
98.5	9.102	33.300	73.197	104.530	113.728
99.0	9.514	33.490	72.499	103.167	112.110
99.5	9.958	33.712	71.896	101.866	110.524
100.0	10.339	33.934	71.421	100.661	109.097
100.5	10.783	34.188	70.945	99.488	107.638
101.0	11.163	34.442	70.596	98.378	106.338
101.5	11.544	34.695	70.247	97.331	105.006
102.0	11.893	34.949	69.993	96.348	103.833
102.5	12.242	35.203	69.740	95.428	102.659
103.0	12.591	35.488	69.549	94.509	101.613
103.5	12.971	35.774	69.391	93.716	100.534
104.0	13.383	36.027	69.232	92.986	99.551
104.5	13.796	36.313	69.137	92.289	98.632
105.0	14.176	36.598	69.042	91.654	97.744
105.5	14.525	36.852	68.947	90.988	96.982
106.0	14.937	37.169	68.915	90.418	96.221
106.5	15.318	37.455	68.915	89.878	95.460
107.0	15.699	37.772	68.915	89.371	94.826
107.5	16.047	38.025	68.915	88.990	94.160
108.0	16.491	38.343	68.915	88.546	93.494
108.5	16.904	38.660	68.947	88.229	93.050
109.0	17.316	38.913	69.010	87.817	92.606
109.5	17.760	39.199	69.042	87.531	92.130
110.0	18.204	39.484	69.105	87.214	91.750
110.5	18.648	39.770	69.169	86.929	91.401

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CANDELA TABULATION - (Cont.)

111.0	19.092	40.055	69.201	86.675	91.020
111.5	19.536	40.309	69.232	86.485	90.703
112.0	20.012	40.594	69.296	86.295	90.322
112.5	20.487	40.880	69.359	86.073	89.974
113.0	20.995	41.165	69.454	85.914	89.815
113.5	21.471	41.419	69.454	85.755	89.593
114.0	21.978	41.673	69.518	85.629	89.371
114.5	22.454	41.958	69.581	85.470	89.181
115.0	22.961	42.180	69.645	85.375	89.022
115.5	23.469	42.465	69.645	85.280	88.864
116.0	23.944	42.719	69.740	85.153	88.673
116.5	24.388	42.973	69.803	85.026	88.610
117.0	24.896	43.258	69.867	85.026	88.451
117.5	25.371	43.480	69.930	84.899	88.356
118.0	25.784	43.702	69.993	84.836	88.229
118.5	26.259	43.924	70.025	84.741	88.197
119.0	26.672	44.146	70.089	84.645	88.007
119.5	27.116	44.305	70.152	84.550	87.975
120.0	27.528	44.463	70.120	84.487	87.817
120.5	27.940	44.654	70.152	84.360	87.785
121.0	28.353	44.781	70.215	84.265	87.658
121.5	28.797	44.939	70.184	84.138	87.595
122.0	29.209	45.129	70.184	84.075	87.500
122.5	29.621	45.320	70.215	83.948	87.278
123.0	30.033	45.510	70.184	83.821	87.246
123.5	30.414	45.669	70.120	83.726	87.056
124.0	30.731	45.795	70.120	83.631	87.024
124.5	31.048	45.922	70.120	83.472	86.897
125.0	31.365	46.081	70.057	83.313	86.770
125.5	31.683	46.176	69.993	83.218	86.612
126.0	31.968	46.303	69.962	83.028	86.485
126.5	32.222	46.461	69.898	82.901	86.390
127.0	32.507	46.525	69.835	82.743	86.263
127.5	32.729	46.620	69.740	82.584	86.041
128.0	33.015	46.620	69.708	82.394	85.914
128.5	33.237	46.683	69.581	82.235	85.787
129.0	33.459	46.747	69.454	82.077	85.629
129.5	33.649	46.842	69.232	81.823	85.438
130.0	33.807	46.905	69.010	81.664	85.248
130.5	33.966	46.969	68.757	81.474	85.026
131.0	34.061	47.064	68.503	81.189	84.804
131.5	34.188	47.159	68.249	80.935	84.582
132.0	34.315	47.254	67.964	80.776	84.392
132.5	34.378	47.286	67.647	80.459	84.106
133.0	34.473	47.318	67.520	80.174	83.757
133.5	34.505	47.286	67.329	79.952	83.599
134.0	34.537	47.223	67.203	79.698	83.377
134.5	34.632	47.096	67.044	79.413	82.965
135.0	34.727	47.001	66.854	79.032	82.647
135.5	34.695	46.747	66.695	78.778	82.394
136.0	34.759	46.715	66.473	78.461	82.077
136.5	34.822	46.620	66.315	78.112	81.759
137.0	34.854	46.461	66.061	77.827	81.411
137.5	34.886	46.303	65.839	77.446	81.093
138.0	34.949	46.208	65.522	77.129	80.713
138.5	34.949	46.081	65.109	76.780	80.427

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CANDELA TABULATION - (Cont.)

139.0	34.917	45.986	64.634	76.368	79.983
139.5	34.917	45.859	64.063	75.924	79.666
140.0	34.917	45.700	63.429	75.512	79.222
140.5	34.917	45.605	62.858	75.004	78.747
141.0	34.917	45.542	62.223	74.465	78.366
141.5	34.917	45.415	61.589	73.989	77.985
142.0	34.886	45.351	60.987	73.387	77.573
142.5	34.854	45.256	60.352	72.848	77.097
143.0	34.822	45.161	59.750	72.340	76.622
143.5	34.822	45.034	59.052	71.801	76.178
144.0	34.822	44.876	58.449	71.389	75.670
144.5	34.917	44.749	57.847	70.913	75.226
145.0	35.044	44.622	57.181	70.501	74.719
145.5	35.266	44.463	56.578	70.089	74.211
146.0	35.552	44.337	56.007	69.645	73.736
146.5	35.837	44.210	55.532	69.169	73.197
147.0	36.123	44.051	54.993	68.693	72.657
147.5	36.376	43.988	54.580	68.217	72.118
148.0	36.662	43.861	54.136	67.678	71.547
148.5	36.915	43.829	53.787	67.171	70.977
149.0	37.233	43.829	53.407	66.663	70.469
149.5	37.455	43.924	53.058	66.124	69.835
150.0	37.708	43.988	52.709	65.617	69.169
150.5	37.930	44.019	52.329	65.046	68.471
151.0	38.089	44.115	51.821	64.475	67.647
151.5	38.247	44.146	51.282	63.873	66.885
152.0	38.438	44.210	50.775	63.238	66.124
152.5	38.628	44.273	50.299	62.572	65.300
153.0	38.755	44.305	49.791	61.811	64.634
153.5	38.913	44.400	49.252	61.018	63.873
154.0	39.040	44.368	48.777	60.130	63.238
154.5	39.199	44.400	48.364	59.274	62.604
155.0	39.262	44.463	47.952	58.291	62.128
155.5	39.389	44.495	47.540	57.371	61.621
156.0	39.484	44.495	47.254	56.388	61.177
156.5	39.643	44.495	46.969	55.405	60.606
157.0	39.706	44.559	46.683	54.517	60.067
157.5	39.801	44.559	46.493	53.661	59.464
158.0	39.928	44.527	46.398	52.773	58.893
158.5	39.960	44.527	46.271	52.043	58.227
159.0	40.119	44.432	46.176	51.345	57.657
159.5	40.245	44.368	46.017	50.679	57.022
160.0	40.404	44.305	45.859	50.140	56.388
160.5	40.594	44.273	45.732	49.633	55.785
161.0	40.721	44.178	45.700	49.094	55.183
161.5	40.911	44.146	45.637	48.555	54.739
162.0	41.070	44.083	45.732	48.111	54.358
162.5	41.229	44.083	45.795	47.635	53.914
163.0	41.419	44.051	45.827	47.127	53.534
163.5	41.577	44.051	45.891	46.588	53.058
164.0	41.641	44.051	45.954	45.922	52.614
164.5	41.736	43.988	45.891	45.415	52.043
165.0	41.831	43.988	45.795	44.907	51.472
165.5	41.926	43.956	45.700	44.559	50.870
166.0	42.021	43.924	45.637	44.178	49.950
166.5	42.117	43.924	45.542	43.861	49.506

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-850-HE-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	42.243	43.924	45.447	43.575	49.157
167.5	42.307	43.924	45.256	43.322	48.808
168.0	42.402	43.924	45.098	43.068	48.523
168.5	42.592	43.797	44.876	42.846	48.174
169.0	42.687	43.829	44.717	42.624	47.825
169.5	42.846	43.734	44.463	42.370	47.445
170.0	42.909	43.702	44.241	42.053	47.096
170.5	43.005	43.639	43.956	41.704	46.715
171.0	43.068	43.575	43.639	41.324	46.239
171.5	43.163	43.575	43.353	40.975	45.859
172.0	43.322	43.512	43.195	40.626	45.288
172.5	43.417	43.512	43.005	40.245	44.654
173.0	43.544	43.449	42.846	39.897	43.575
173.5	43.702	43.480	42.783	39.548	41.958
174.0	43.829	43.480	42.751	39.262	39.960
174.5	43.924	43.480	42.687	38.977	37.581
175.0	44.115	43.575	42.656	38.755	34.886
175.5	44.178	43.607	42.624	38.660	32.063
176.0	44.305	43.671	42.624	38.565	30.224
176.5	44.337	43.702	42.592	38.565	28.923
177.0	44.463	43.766	42.529	38.469	27.591
177.5	44.495	43.766	42.434	38.438	27.306
178.0	44.622	43.829	42.402	38.406	27.369
178.5	44.685	43.861	42.434	38.343	27.433
179.0	44.749	43.861	42.402	38.247	27.465
179.5	44.812	43.861	42.370	38.216	27.496
180.0	40.182	40.182	40.182	40.182	40.182

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-850-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	363.09	N.A.	11.70
0-30	760.79	N.A.	24.50
0-40	1222.11	N.A.	39.40
0-60	2068.26	N.A.	66.70
0-80	2576.69	N.A.	83.10
0-90	2704.55	N.A.	87.30
10-90	2609.9	N.A.	84.20
20-40	859.02	N.A.	27.70
20-50	1313.3	N.A.	42.40
40-70	1147.56	N.A.	37.00
60-80	508.42	N.A.	16.40
70-80	207.01	N.A.	6.70
80-90	127.87	N.A.	4.10
90-110	149.35	N.A.	4.80
90-120	212.22	N.A.	6.80
90-130	270.09	N.A.	8.70
90-150	354.58	N.A.	11.40
90-180	394.97	N.A.	12.70
110-180	245.62	N.A.	7.90
0-180	3099.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	94.66
10-20	268.43
20-30	397.70
30-40	461.32
40-50	454.28
50-60	391.87
60-70	301.41
70-80	207.01
80-90	127.87
90-100	81.93
100-110	67.42
110-120	62.87
120-130	57.87
130-140	48.63
140-150	35.86
150-160	23.45
160-170	12.92
170-180	4.02

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-2-L32-850-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	39	33	29	37	32	28	26
9	55	42	34	28	53	40	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-L32-850-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

X=2H	Y=2H	18.0	19.4	18.6	20.0	20.6	19.6	21.0	20.2	21.6	22.2
	3H	19.4	20.6	20.0	21.2	21.9	21.8	23.0	22.4	23.6	24.3
	4H	19.8	21.0	20.4	21.6	22.3	22.8	24.0	23.4	24.6	25.3
	6H	20.1	21.2	20.7	21.8	22.5	23.9	25.0	24.5	25.6	26.3
	8H	20.2	21.3	20.8	21.9	22.6	24.5	25.5	25.1	26.2	26.8
	12H	20.3	21.2	20.9	21.9	22.6	25.1	26.1	25.7	26.7	27.4

UGR Viewed Endwise

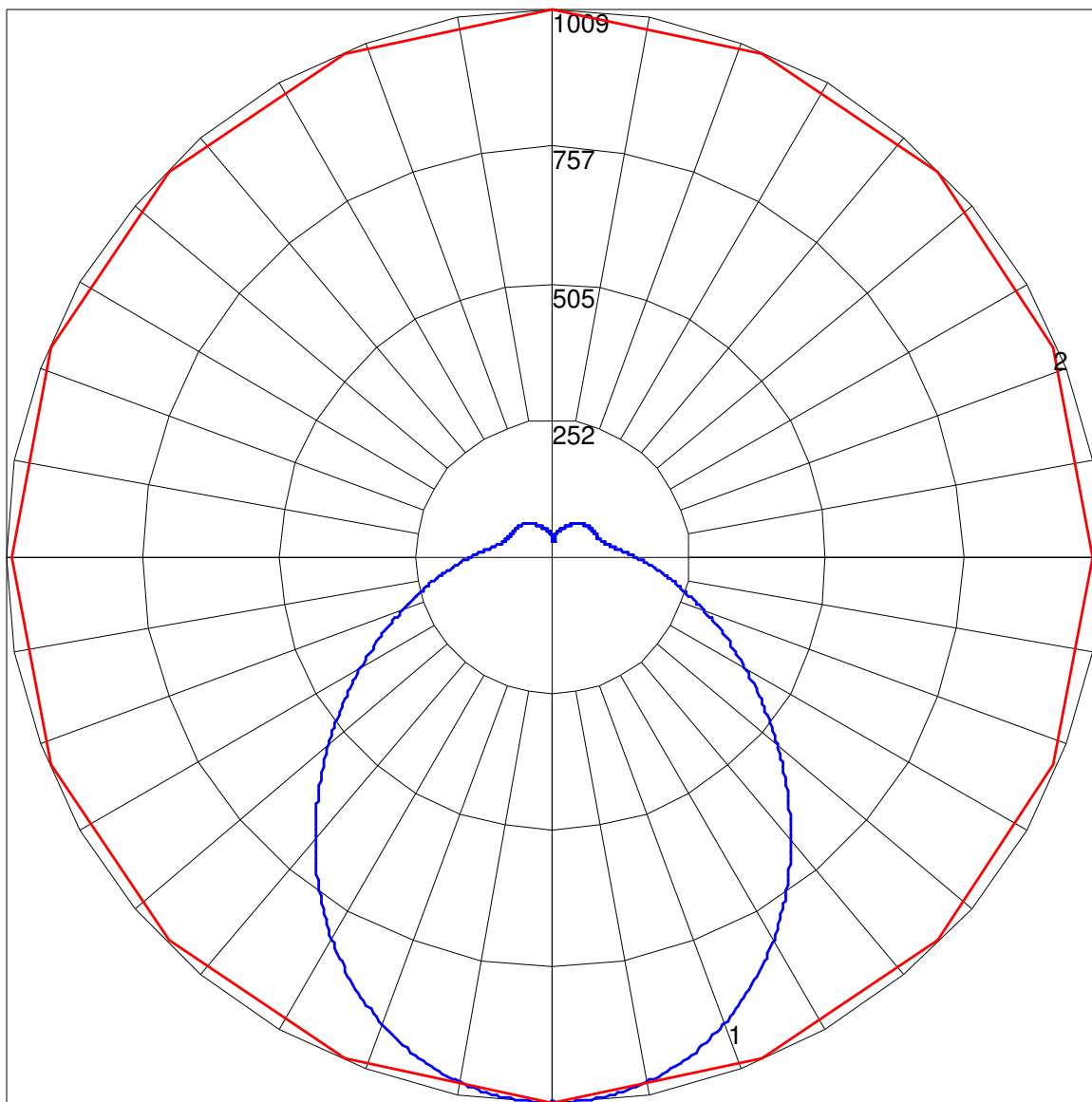
4H	2H	18.8	19.9	19.4	20.5	21.2	20.0	21.2	20.6	21.8	22.5
	3H	20.4	21.4	21.0	22.0	22.7	22.5	23.4	23.1	24.1	24.8
	4H	20.9	21.8	21.6	22.5	23.2	23.7	24.6	24.3	25.2	25.9
	6H	21.3	22.1	22.0	22.8	23.5	25.0	25.7	25.6	26.4	27.1
	8H	21.5	22.2	22.1	22.9	23.6	25.6	26.4	26.3	27.0	27.8
	12H	21.5	22.2	22.2	22.9	23.6	26.4	27.0	27.0	27.7	28.5

8H	4H	21.5	22.2	22.1	22.9	23.6	23.9	24.6	24.5	25.3	26.0
	6H	22.1	22.7	22.7	23.4	24.1	25.3	26.0	26.0	26.7	27.4
	8H	22.3	22.8	23.0	23.5	24.3	26.1	26.7	26.8	27.4	28.2
	12H	22.4	22.9	23.1	23.6	24.4	27.1	27.6	27.8	28.3	29.1

12H	4H	21.6	22.3	22.3	23.0	23.7	23.9	24.5	24.5	25.2	26.0
	6H	22.3	22.9	23.0	23.6	24.4	25.4	25.9	26.1	26.6	27.4
	8H	22.6	23.1	23.3	23.8	24.6	26.3	26.8	27.0	27.4	28.3

Maximum UGR = 29.1

POLAR GRAPH



Maximum Candela = 1009.149 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.)