

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-2-L32-850-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-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	3112
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
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	13221	11941	11977
55	11350	10179	10515
65	9409	8665	9371
75	7331	7496	8759
85	4822	7222	9254

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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	1007.241	1007.241	1007.241	1007.241	1007.241
0.5	1002.464	1006.285	1006.922	1006.604	1013.291
1.0	1002.464	1006.604	1006.604	1006.285	1012.973
1.5	1001.509	1006.604	1006.285	1005.967	1013.291
2.0	1001.190	1005.648	1006.285	1005.648	1012.336
2.5	1001.190	1005.648	1005.330	1005.330	1011.699
3.0	1000.235	1004.693	1004.693	1004.693	1011.062
3.5	999.598	1003.738	1003.738	1004.056	1010.425
4.0	998.961	1003.101	1003.101	1002.782	1009.788
4.5	997.369	1002.145	1002.464	1002.145	1008.833
5.0	996.413	1001.190	1001.190	1001.190	1007.877
5.5	995.140	999.916	999.916	1000.235	1006.604
6.0	994.503	998.324	998.643	998.643	1005.330
6.5	992.274	997.050	997.369	997.369	1003.738
7.0	991.000	995.458	995.777	995.458	1002.464
7.5	989.726	993.547	994.184	994.184	1000.872
8.0	988.134	992.274	992.274	992.274	998.643
8.5	986.542	990.045	990.681	990.681	996.732
9.0	983.994	988.452	988.771	988.452	994.503
9.5	982.402	986.223	986.223	986.223	993.229
10.0	979.854	983.676	983.676	984.313	990.681
10.5	977.625	981.447	981.765	981.765	988.452
11.0	975.396	979.217	979.536	979.217	985.905
11.5	972.530	976.670	977.307	976.670	983.676
12.0	969.983	973.804	974.441	974.441	980.810
12.5	967.435	970.938	971.893	971.256	978.262
13.0	964.569	968.390	969.027	968.709	975.396
13.5	961.703	965.206	965.843	965.843	972.849
14.0	958.200	962.021	962.658	962.658	969.346
14.5	955.334	958.837	959.474	959.474	966.798
15.0	952.468	955.653	955.971	955.971	962.977
15.5	948.965	951.831	952.787	952.787	959.155
16.0	945.144	948.328	949.284	949.284	955.971
16.5	941.959	944.507	945.462	945.781	952.468
17.0	937.501	940.367	941.641	941.959	948.647
17.5	933.680	936.546	937.820	938.138	944.825
18.0	930.177	932.725	933.680	934.635	941.323
18.5	926.037	928.903	929.859	930.495	937.183
19.0	921.897	924.127	925.719	926.356	932.725
19.5	917.121	920.305	921.579	922.853	928.585
20.0	912.026	915.529	917.121	918.076	924.127
20.5	906.931	911.389	912.663	913.936	919.987
21.0	902.791	906.294	907.249	909.797	915.529
21.5	898.014	901.517	903.109	904.383	910.752
22.0	892.919	897.059	898.651	899.925	906.612
22.5	888.461	891.327	893.556	895.466	901.835
23.0	883.047	886.232	888.461	890.371	896.740
23.5	877.315	880.818	883.684	885.595	891.964
24.0	871.583	875.404	878.270	880.500	886.868
24.5	866.806	869.991	873.175	875.086	881.136
25.0	861.393	864.577	868.080	869.991	876.041
25.5	855.342	859.164	862.030	864.896	869.991
26.0	849.610	853.113	856.935	859.482	865.214
26.5	843.560	847.063	851.521	853.750	859.801

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CANDELA TABULATION - (Cont.)

27.0	837.510	840.694	846.108	848.974	854.387
27.5	830.504	834.644	840.057	842.605	848.974
28.0	825.409	828.593	834.007	836.873	842.923
28.5	818.721	822.543	827.956	830.822	836.873
29.0	812.352	816.174	821.587	825.090	831.141
29.5	805.665	809.486	815.218	818.721	824.772
30.0	798.978	803.118	808.850	813.308	819.358
30.5	791.972	796.112	802.799	807.257	812.989
31.0	785.285	789.424	796.112	800.888	806.302
31.5	778.279	783.056	789.743	794.838	800.570
32.0	771.592	775.731	783.374	788.151	793.883
32.5	764.267	768.726	776.687	781.782	787.514
33.0	757.261	762.038	769.362	775.413	781.145
33.5	750.574	755.032	762.993	768.407	774.458
34.0	742.613	747.708	755.988	762.038	768.407
34.5	735.289	740.702	749.300	755.032	761.401
35.0	728.601	733.060	742.613	748.663	754.714
35.5	720.003	726.054	735.289	741.658	747.708
36.0	713.316	718.411	728.283	734.652	741.021
36.5	705.037	710.769	720.959	727.965	734.652
37.0	697.394	703.444	713.635	720.640	727.965
37.5	689.433	695.483	706.629	714.271	720.640
38.0	681.472	687.841	698.986	706.947	712.998
38.5	673.192	679.879	691.662	700.260	705.992
39.0	665.868	671.918	684.019	692.936	700.260
39.5	657.588	664.594	676.695	685.611	692.617
40.0	648.672	656.315	669.052	678.924	685.293
40.5	640.392	648.353	661.728	671.918	678.287
41.0	632.750	640.392	654.085	664.594	670.963
41.5	624.470	632.431	646.443	657.270	663.957
42.0	616.190	624.470	638.800	650.264	656.951
42.5	608.229	616.190	630.839	642.940	649.627
43.0	599.313	608.229	623.515	635.934	642.621
43.5	591.670	599.950	615.554	628.610	635.616
44.0	583.072	591.670	607.592	621.604	628.291
44.5	575.111	583.709	599.631	613.961	620.967
45.0	566.832	575.430	591.989	607.274	614.280
45.5	558.552	567.468	584.346	600.268	607.274
46.0	550.272	559.189	576.066	592.626	599.950
46.5	541.993	550.909	569.061	586.257	592.944
47.0	533.395	542.948	561.100	578.614	585.938
47.5	525.115	534.669	553.138	571.290	578.614
48.0	517.154	526.389	545.177	564.602	571.290
48.5	508.238	518.428	537.853	556.960	564.284
49.0	500.277	509.830	529.574	549.636	556.960
49.5	491.997	501.869	521.931	542.630	549.954
50.0	483.399	493.589	514.288	534.987	542.630
50.5	475.438	485.628	506.327	528.618	535.942
51.0	467.158	477.349	499.321	521.294	528.937
51.5	459.197	469.069	491.360	514.288	521.931
52.0	450.599	461.108	483.717	506.964	514.925
52.5	442.320	452.828	476.393	499.640	508.238
53.0	433.722	444.867	468.751	493.271	500.914
53.5	425.442	436.906	461.426	485.947	494.226
54.0	417.481	428.945	454.102	478.941	487.539
54.5	409.838	420.665	446.778	472.572	480.851

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CANDELA TABULATION - (Cont.)

55.0	401.877	413.023	439.454	465.248	474.801
55.5	395.190	405.062	432.129	458.560	467.477
56.0	387.547	398.056	425.124	451.873	460.789
56.5	379.586	390.732	417.799	445.186	454.421
57.0	371.943	383.407	410.794	438.498	447.733
57.5	363.982	375.765	404.743	432.129	440.409
58.0	356.021	368.122	397.737	425.124	434.995
58.5	348.379	360.479	390.732	419.073	428.627
59.0	340.736	352.837	384.044	413.660	421.939
59.5	333.093	345.512	377.994	406.972	416.844
60.0	325.450	337.870	371.307	400.603	410.475
60.5	317.967	330.546	364.619	394.553	404.106
61.0	310.452	323.221	357.932	388.503	398.056
61.5	303.000	315.961	351.245	382.452	392.324
62.0	295.676	308.764	344.876	376.720	386.273
62.5	288.447	301.631	338.188	370.988	380.541
63.0	281.123	294.530	331.819	364.938	375.446
63.5	273.862	287.524	325.769	359.206	369.714
64.0	266.793	280.613	319.400	353.155	363.982
64.5	259.755	273.862	313.350	347.423	358.250
65.0	252.781	267.080	307.267	341.691	352.837
65.5	245.903	260.456	301.249	335.959	347.105
66.0	238.929	253.832	295.294	330.227	341.691
66.5	232.114	247.368	289.371	324.814	336.278
67.0	225.459	240.967	283.479	319.082	330.864
67.5	218.772	234.662	277.716	313.732	325.450
68.0	212.180	228.516	271.984	308.318	320.355
68.5	205.683	222.402	266.379	303.064	315.037
69.0	199.219	216.351	260.838	297.778	310.006
69.5	192.850	210.428	255.361	292.651	305.006
70.0	186.513	204.601	249.979	287.619	300.039
70.5	180.335	198.837	244.597	282.588	295.135
71.0	174.221	193.137	239.311	277.620	290.294
71.5	168.171	187.564	234.152	272.780	285.518
72.0	162.248	181.959	228.994	267.971	280.868
72.5	156.293	176.546	223.962	263.258	276.251
73.0	150.497	171.164	218.963	258.609	271.601
73.5	144.860	165.846	214.122	253.991	267.080
74.0	139.288	160.687	209.218	249.533	262.526
74.5	133.810	155.497	204.537	245.107	258.227
75.0	128.365	150.433	199.888	240.776	254.055
75.5	123.015	145.497	195.302	236.477	249.820
76.0	117.825	140.657	190.844	232.210	245.680
76.5	112.666	135.880	186.418	228.038	241.540
77.0	107.571	131.136	182.055	223.898	237.528
77.5	102.571	126.518	177.756	219.886	233.547
78.0	97.635	121.996	173.584	215.937	229.630
78.5	92.795	117.538	169.444	211.957	225.745
79.0	88.050	113.207	165.432	208.104	221.924
79.5	83.337	108.908	161.483	204.346	218.103
80.0	78.688	104.673	157.535	200.620	214.473
80.5	74.166	100.565	153.713	196.863	210.779
81.0	69.771	96.521	150.051	193.232	207.180
81.5	65.313	92.572	146.389	189.634	203.582
82.0	61.014	88.719	142.822	186.163	200.111
82.5	56.811	84.929	139.320	182.692	196.703

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CANDELA TABULATION - (Cont.)

83.0	52.671	81.235	135.880	179.348	193.391
83.5	48.563	77.637	132.600	175.941	189.952
84.0	44.550	74.134	129.416	172.724	186.672
84.5	40.570	70.758	126.295	169.540	183.456
85.0	36.749	67.478	123.238	166.387	180.240
85.5	32.927	64.358	120.245	163.330	177.119
86.0	29.170	61.364	117.315	160.337	174.030
86.5	25.444	58.562	114.545	157.344	170.941
87.0	21.782	55.855	111.742	154.509	167.916
87.5	18.120	53.339	109.099	151.643	165.018
88.0	14.489	50.887	106.488	148.873	162.088
88.5	10.827	48.595	103.972	146.134	159.254
89.0	7.483	46.429	101.584	143.491	156.452
89.5	4.745	44.423	99.259	140.944	153.713
90.0	2.834	42.640	97.126	138.523	151.198
90.5	2.006	41.079	95.151	136.103	148.523
91.0	2.134	39.646	93.145	133.651	145.975
91.5	2.548	38.277	91.139	131.327	143.427
92.0	3.025	37.131	89.228	128.970	140.944
92.5	3.535	36.143	87.604	126.709	138.492
93.0	4.044	35.284	85.916	124.576	136.135
93.5	4.586	34.615	84.324	122.474	133.906
94.0	5.159	34.042	82.827	120.499	131.741
94.5	5.700	33.628	81.426	118.493	129.511
95.0	6.242	33.309	80.121	116.519	127.378
95.5	6.751	33.086	78.911	114.640	125.276
96.0	7.165	32.991	77.860	112.825	123.206
96.5	7.579	32.991	76.809	111.137	121.296
97.0	7.961	33.023	75.854	109.513	119.385
97.5	8.375	33.150	74.962	107.953	117.633
98.0	8.725	33.277	74.166	106.424	115.850
98.5	9.139	33.437	73.497	104.959	114.194
99.0	9.553	33.628	72.796	103.590	112.570
99.5	9.999	33.851	72.191	102.284	110.978
100.0	10.381	34.074	71.714	101.074	109.545
100.5	10.827	34.328	71.236	99.896	108.080
101.0	11.209	34.583	70.886	98.782	106.775
101.5	11.591	34.838	70.536	97.731	105.437
102.0	11.942	35.093	70.281	96.743	104.259
102.5	12.292	35.347	70.026	95.820	103.081
103.0	12.642	35.634	69.835	94.897	102.030
103.5	13.024	35.921	69.676	94.100	100.947
104.0	13.438	36.175	69.516	93.368	99.960
104.5	13.852	36.462	69.421	92.667	99.036
105.0	14.234	36.749	69.325	92.031	98.145
105.5	14.585	37.003	69.230	91.362	97.380
106.0	14.999	37.322	69.198	90.789	96.616
106.5	15.381	37.608	69.198	90.247	95.852
107.0	15.763	37.927	69.198	89.738	95.215
107.5	16.113	38.182	69.198	89.356	94.546
108.0	16.559	38.500	69.198	88.910	93.877
108.5	16.973	38.818	69.230	88.591	93.432
109.0	17.387	39.073	69.294	88.177	92.986
109.5	17.833	39.360	69.325	87.891	92.508
110.0	18.279	39.646	69.389	87.572	92.126
110.5	18.725	39.933	69.453	87.286	91.776

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CANDELA TABULATION - (Cont.)

111.0	19.170	40.220	69.485	87.031	91.394
111.5	19.616	40.474	69.516	86.840	91.075
112.0	20.094	40.761	69.580	86.649	90.693
112.5	20.572	41.048	69.644	86.426	90.343
113.0	21.081	41.334	69.739	86.267	90.184
113.5	21.559	41.589	69.739	86.107	89.961
114.0	22.068	41.844	69.803	85.980	89.738
114.5	22.546	42.130	69.867	85.821	89.547
115.0	23.055	42.353	69.930	85.725	89.387
115.5	23.565	42.640	69.930	85.630	89.228
116.0	24.043	42.895	70.026	85.502	89.037
116.5	24.488	43.149	70.090	85.375	88.973
117.0	24.998	43.436	70.153	85.375	88.814
117.5	25.476	43.659	70.217	85.248	88.719
118.0	25.890	43.882	70.281	85.184	88.591
118.5	26.367	44.105	70.313	85.088	88.559
119.0	26.781	44.328	70.376	84.993	88.368
119.5	27.227	44.487	70.440	84.897	88.337
120.0	27.641	44.646	70.408	84.834	88.177
120.5	28.055	44.837	70.440	84.706	88.145
121.0	28.469	44.964	70.504	84.611	88.018
121.5	28.915	45.124	70.472	84.483	87.954
122.0	29.329	45.315	70.472	84.420	87.859
122.5	29.743	45.506	70.504	84.292	87.636
123.0	30.157	45.697	70.472	84.165	87.604
123.5	30.539	45.856	70.408	84.069	87.413
124.0	30.857	45.983	70.408	83.974	87.381
124.5	31.176	46.111	70.408	83.815	87.254
125.0	31.494	46.270	70.344	83.655	87.126
125.5	31.813	46.366	70.281	83.560	86.967
126.0	32.099	46.493	70.249	83.369	86.840
126.5	32.354	46.652	70.185	83.241	86.744
127.0	32.641	46.716	70.122	83.082	86.617
127.5	32.863	46.811	70.026	82.923	86.394
128.0	33.150	46.811	69.994	82.732	86.267
128.5	33.373	46.875	69.867	82.573	86.139
129.0	33.596	46.939	69.739	82.413	85.980
129.5	33.787	47.034	69.516	82.159	85.789
130.0	33.946	47.098	69.294	82.000	85.598
130.5	34.105	47.162	69.039	81.808	85.375
131.0	34.201	47.257	68.784	81.522	85.152
131.5	34.328	47.353	68.529	81.267	84.929
132.0	34.456	47.448	68.243	81.108	84.738
132.5	34.519	47.480	67.924	80.789	84.452
133.0	34.615	47.512	67.797	80.503	84.101
133.5	34.647	47.480	67.606	80.280	83.942
134.0	34.679	47.416	67.478	80.025	83.719
134.5	34.774	47.289	67.319	79.739	83.305
135.0	34.870	47.194	67.128	79.356	82.987
135.5	34.838	46.939	66.969	79.102	82.732
136.0	34.902	46.907	66.746	78.783	82.413
136.5	34.965	46.811	66.587	78.433	82.095
137.0	34.997	46.652	66.332	78.146	81.745
137.5	35.029	46.493	66.109	77.764	81.426
138.0	35.093	46.397	65.791	77.446	81.044
138.5	35.093	46.270	65.377	77.095	80.758

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CANDELA TABULATION - (Cont.)

139.0	35.061	46.174	64.899	76.681	80.312
139.5	35.061	46.047	64.326	76.236	79.993
140.0	35.061	45.888	63.689	75.822	79.547
140.5	35.061	45.792	63.116	75.312	79.070
141.0	35.061	45.729	62.479	74.771	78.688
141.5	35.061	45.601	61.842	74.293	78.306
142.0	35.029	45.538	61.237	73.688	77.892
142.5	34.997	45.442	60.600	73.147	77.414
143.0	34.965	45.347	59.995	72.637	76.936
143.5	34.965	45.219	59.294	72.096	76.490
144.0	34.965	45.060	58.689	71.682	75.981
144.5	35.061	44.933	58.084	71.204	75.535
145.0	35.188	44.805	57.416	70.790	75.026
145.5	35.411	44.646	56.811	70.376	74.516
146.0	35.698	44.519	56.237	69.930	74.038
146.5	35.984	44.391	55.760	69.453	73.497
147.0	36.271	44.232	55.218	68.975	72.956
147.5	36.526	44.168	54.804	68.497	72.414
148.0	36.812	44.041	54.359	67.956	71.841
148.5	37.067	44.009	54.008	67.447	71.268
149.0	37.385	44.009	53.626	66.937	70.758
149.5	37.608	44.105	53.276	66.396	70.122
150.0	37.863	44.168	52.926	65.886	69.453
150.5	38.086	44.200	52.543	65.313	68.752
151.0	38.245	44.296	52.034	64.740	67.924
151.5	38.404	44.328	51.493	64.135	67.160
152.0	38.595	44.391	50.983	63.498	66.396
152.5	38.787	44.455	50.505	62.829	65.568
153.0	38.914	44.487	49.996	62.065	64.899
153.5	39.073	44.582	49.454	61.269	64.135
154.0	39.201	44.550	48.977	60.377	63.498
154.5	39.360	44.582	48.563	59.517	62.861
155.0	39.423	44.646	48.149	58.530	62.383
155.5	39.551	44.678	47.735	57.607	61.874
156.0	39.646	44.678	47.448	56.619	61.428
156.5	39.806	44.678	47.162	55.632	60.855
157.0	39.869	44.741	46.875	54.741	60.313
157.5	39.965	44.741	46.684	53.881	59.708
158.0	40.092	44.710	46.588	52.989	59.135
158.5	40.124	44.710	46.461	52.257	58.466
159.0	40.283	44.614	46.366	51.556	57.893
159.5	40.411	44.550	46.206	50.887	57.256
160.0	40.570	44.487	46.047	50.346	56.619
160.5	40.761	44.455	45.920	49.837	56.014
161.0	40.888	44.359	45.888	49.295	55.409
161.5	41.079	44.328	45.824	48.754	54.964
162.0	41.239	44.264	45.920	48.308	54.581
162.5	41.398	44.264	45.983	47.830	54.136
163.0	41.589	44.232	46.015	47.321	53.753
163.5	41.748	44.232	46.079	46.780	53.276
164.0	41.812	44.232	46.143	46.111	52.830
164.5	41.907	44.168	46.079	45.601	52.257
165.0	42.003	44.168	45.983	45.092	51.684
165.5	42.098	44.136	45.888	44.741	51.079
166.0	42.194	44.105	45.824	44.359	50.155
166.5	42.289	44.105	45.729	44.041	49.709

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

CANDELA TABULATION - (Cont.)

167.0	42.417	44.105	45.633	43.754	49.359
167.5	42.481	44.105	45.442	43.500	49.009
168.0	42.576	44.105	45.283	43.245	48.722
168.5	42.767	43.977	45.060	43.022	48.372
169.0	42.863	44.009	44.901	42.799	48.021
169.5	43.022	43.914	44.646	42.544	47.639
170.0	43.086	43.882	44.423	42.226	47.289
170.5	43.181	43.818	44.136	41.875	46.907
171.0	43.245	43.754	43.818	41.493	46.429
171.5	43.340	43.754	43.531	41.143	46.047
172.0	43.500	43.691	43.372	40.793	45.474
172.5	43.595	43.691	43.181	40.411	44.837
173.0	43.722	43.627	43.022	40.060	43.754
173.5	43.882	43.659	42.958	39.710	42.130
174.0	44.009	43.659	42.926	39.423	40.124
174.5	44.105	43.659	42.863	39.137	37.736
175.0	44.296	43.754	42.831	38.914	35.029
175.5	44.359	43.786	42.799	38.818	32.195
176.0	44.487	43.850	42.799	38.723	30.348
176.5	44.519	43.882	42.767	38.723	29.042
177.0	44.646	43.945	42.703	38.627	27.705
177.5	44.678	43.945	42.608	38.595	27.418
178.0	44.805	44.009	42.576	38.564	27.482
178.5	44.869	44.041	42.608	38.500	27.545
179.0	44.933	44.041	42.576	38.404	27.577
179.5	44.996	44.041	42.544	38.373	27.609
180.0	40.347	40.347	40.347	40.347	40.347

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	364.58	N.A.	11.70
0-30	763.92	N.A.	24.50
0-40	1227.13	N.A.	39.40
0-60	2076.75	N.A.	66.70
0-80	2587.26	N.A.	83.10
0-90	2715.65	N.A.	87.30
10-90	2620.61	N.A.	84.20
20-40	862.55	N.A.	27.70
20-50	1318.69	N.A.	42.40
40-70	1152.27	N.A.	37.00
60-80	510.51	N.A.	16.40
70-80	207.86	N.A.	6.70
80-90	128.39	N.A.	4.10
90-110	149.96	N.A.	4.80
90-120	213.10	N.A.	6.80
90-130	271.20	N.A.	8.70
90-150	356.04	N.A.	11.40
90-180	396.59	N.A.	12.70
110-180	246.63	N.A.	7.90
0-180	3112.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	95.05
10-20	269.53
20-30	399.34
30-40	463.21
40-50	456.15
50-60	393.48
60-70	302.65
70-80	207.86
80-90	128.39
90-100	82.26
100-110	67.70
110-120	63.13
120-130	58.10
130-140	48.83
140-150	36.01
150-160	23.54
160-170	12.97
170-180	4.04

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

UGR TABLE - CORRECTED

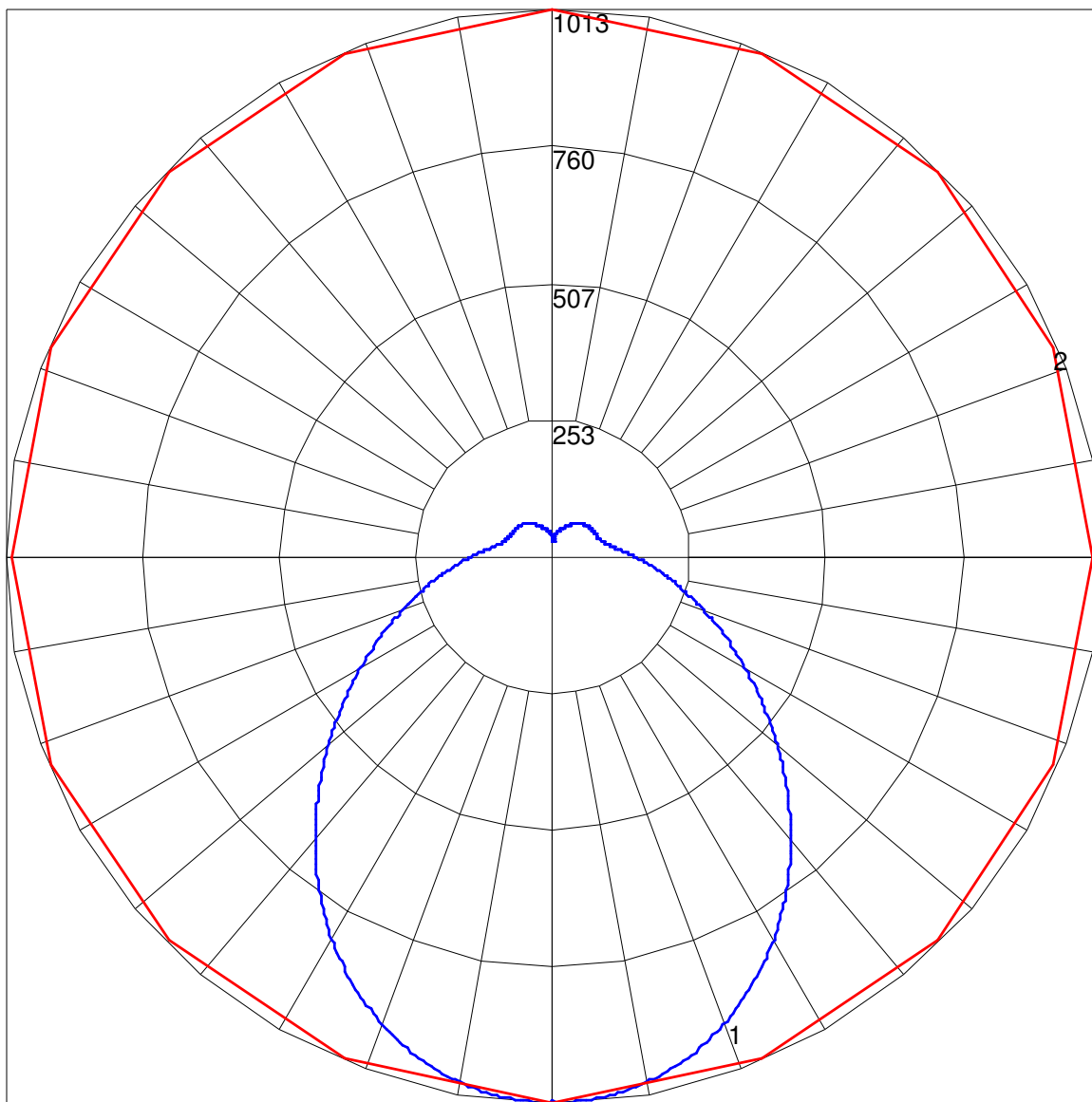
Reflectances

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	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
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	22.4	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 = 1013.291 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.)