

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-850-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-8-L130-850-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	13095
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	149
Total Luminaire Watts	87.9
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)	7.44 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	14484	12917	12705
55	12600	11083	11153
65	10672	9523	9940
75	8699	8363	9291
85	6832	8321	9816

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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	4237.888	4237.888	4237.888	4237.888	4237.888
0.5	4217.791	4233.869	4236.549	4235.209	4263.345
1.0	4217.791	4235.209	4235.209	4233.869	4262.005
1.5	4213.771	4235.209	4233.869	4232.529	4263.345
2.0	4212.432	4231.189	4233.869	4231.189	4259.326
2.5	4212.432	4231.189	4229.849	4229.849	4256.646
3.0	4208.412	4227.170	4227.170	4227.170	4253.966
3.5	4205.732	4223.150	4223.150	4224.490	4251.287
4.0	4203.053	4220.471	4220.471	4219.131	4248.607
4.5	4196.354	4216.451	4217.791	4216.451	4244.588
5.0	4192.334	4212.432	4212.432	4212.432	4240.568
5.5	4186.975	4207.072	4207.072	4208.412	4235.209
6.0	4184.295	4200.373	4201.713	4201.713	4229.849
6.5	4174.916	4195.014	4196.354	4196.354	4223.150
7.0	4169.557	4188.315	4189.655	4188.315	4217.791
7.5	4164.198	4180.276	4182.955	4182.955	4211.092
8.0	4157.499	4174.916	4174.916	4174.916	4201.713
8.5	4150.799	4165.538	4168.217	4168.217	4193.674
9.0	4140.081	4158.838	4160.178	4158.838	4184.295
9.5	4133.382	4149.460	4149.460	4149.460	4178.936
10.0	4122.663	4138.741	4138.741	4141.421	4168.217
10.5	4113.284	4129.362	4130.702	4130.702	4158.838
11.0	4103.905	4119.983	4121.323	4119.983	4148.120
11.5	4091.847	4109.265	4111.944	4109.265	4138.741
12.0	4081.128	4097.206	4099.886	4099.886	4126.682
12.5	4070.409	4085.148	4089.167	4086.487	4115.964
13.0	4058.351	4074.429	4077.109	4075.769	4103.905
13.5	4046.292	4061.031	4063.710	4063.710	4093.187
14.0	4031.554	4047.632	4050.312	4050.312	4078.448
14.5	4019.496	4034.234	4036.914	4036.914	4067.730
15.0	4007.437	4020.836	4022.176	4022.176	4051.652
15.5	3992.699	4004.758	4008.777	4008.777	4035.574
16.0	3976.621	3990.020	3994.039	3994.039	4022.176
16.5	3963.223	3973.942	3977.961	3979.301	4007.437
17.0	3944.465	3956.524	3961.883	3963.223	3991.359
17.5	3928.387	3940.446	3945.805	3947.145	3975.281
18.0	3913.649	3924.368	3928.387	3932.407	3960.543
18.5	3896.231	3908.290	3912.309	3914.989	3943.125
19.0	3878.813	3888.192	3894.891	3897.571	3924.368
19.5	3858.716	3872.114	3877.474	3882.833	3906.950
20.0	3837.279	3852.017	3858.716	3862.736	3888.192
20.5	3815.841	3834.599	3839.958	3845.318	3870.774
21.0	3798.424	3813.162	3817.181	3827.900	3852.017
21.5	3778.326	3793.064	3799.763	3805.123	3831.919
22.0	3756.889	3774.307	3781.006	3786.365	3814.502
22.5	3738.131	3750.190	3759.568	3767.607	3794.404
23.0	3715.354	3728.752	3738.131	3746.170	3772.967
23.5	3691.237	3705.975	3718.034	3726.073	3752.869
24.0	3667.120	3683.198	3695.257	3704.635	3731.432
24.5	3647.023	3660.421	3673.819	3681.858	3707.315
25.0	3624.245	3637.644	3652.382	3660.421	3685.878
25.5	3598.789	3614.867	3626.925	3638.984	3660.421
26.0	3574.672	3589.410	3605.488	3616.206	3640.323
26.5	3549.215	3563.953	3582.711	3592.089	3617.546

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**CANDELA TABULATION - (Cont.)**

27.0	3523.758	3537.156	3559.933	3571.992	3594.769
27.5	3494.282	3511.700	3534.477	3545.195	3571.992
28.0	3472.844	3486.243	3509.020	3521.078	3546.535
28.5	3444.708	3460.786	3483.563	3495.622	3521.078
29.0	3417.911	3433.989	3456.766	3471.505	3496.961
29.5	3389.775	3405.853	3429.970	3444.708	3470.165
30.0	3361.638	3379.056	3403.173	3421.931	3447.388
30.5	3332.162	3349.580	3377.716	3396.474	3420.591
31.0	3304.026	3321.443	3349.580	3369.677	3392.454
31.5	3274.549	3294.647	3322.783	3344.221	3368.338
32.0	3246.413	3263.831	3295.987	3316.084	3340.201
32.5	3215.597	3234.354	3267.850	3289.287	3313.404
33.0	3186.120	3206.218	3237.034	3262.491	3286.608
33.5	3157.984	3176.742	3210.237	3233.014	3258.471
34.0	3124.488	3145.925	3180.761	3206.218	3233.014
34.5	3093.672	3116.449	3152.625	3176.742	3203.538
35.0	3065.535	3084.293	3124.488	3149.945	3175.402
35.5	3029.360	3054.817	3093.672	3120.469	3145.925
36.0	3001.224	3022.661	3064.196	3090.992	3117.789
36.5	2966.388	2990.505	3033.380	3062.856	3090.992
37.0	2934.232	2959.689	3002.563	3032.040	3062.856
37.5	2900.736	2926.193	2973.087	3005.243	3032.040
38.0	2867.240	2894.037	2940.931	2974.427	2999.884
38.5	2832.405	2860.541	2910.115	2946.290	2970.407
39.0	2801.589	2827.045	2877.959	2915.474	2946.290
39.5	2766.753	2796.229	2847.143	2884.658	2914.134
40.0	2729.238	2761.394	2814.987	2856.522	2883.318
40.5	2694.402	2727.898	2784.171	2827.045	2853.842
41.0	2662.246	2694.402	2752.015	2796.229	2823.026
41.5	2627.410	2660.906	2719.859	2765.413	2793.550
42.0	2592.575	2627.410	2687.703	2735.937	2764.073
42.5	2559.079	2592.575	2654.207	2705.121	2733.257
43.0	2521.564	2559.079	2623.391	2675.644	2703.781
43.5	2489.408	2524.243	2589.895	2644.828	2674.305
44.0	2453.232	2489.408	2556.399	2615.352	2643.488
44.5	2419.736	2455.912	2522.904	2583.196	2612.672
45.0	2384.901	2421.076	2490.748	2555.060	2584.536
45.5	2350.065	2387.581	2458.592	2525.583	2555.060
46.0	2315.230	2352.745	2423.756	2493.427	2524.243
46.5	2280.394	2317.909	2394.280	2466.631	2494.767
47.0	2244.219	2284.413	2360.784	2434.475	2465.291
47.5	2209.383	2249.578	2327.288	2403.659	2434.475
48.0	2175.887	2214.742	2293.792	2375.522	2403.659
48.5	2138.372	2181.246	2262.976	2343.366	2374.182
49.0	2104.876	2145.071	2228.141	2312.550	2343.366
49.5	2070.040	2111.575	2195.985	2283.074	2313.890
50.0	2033.865	2076.740	2163.829	2250.918	2283.074
50.5	2000.369	2043.244	2130.333	2224.121	2254.937
51.0	1965.533	2008.408	2100.856	2193.305	2225.461
51.5	1932.038	1973.572	2067.361	2163.829	2195.985
52.0	1895.862	1940.077	2035.205	2133.012	2166.508
52.5	1861.027	1905.241	2004.389	2102.196	2138.372
53.0	1824.851	1871.745	1972.233	2075.400	2107.556
53.5	1790.015	1838.249	1941.416	2044.584	2079.419
54.0	1756.520	1804.754	1910.600	2015.107	2051.283
54.5	1724.364	1769.918	1879.784	1988.311	2023.146

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55.0	1690.868	1737.762	1848.968	1957.494	1997.689
55.5	1662.731	1704.266	1818.152	1929.358	1966.873
56.0	1630.575	1674.790	1788.676	1901.222	1938.737
56.5	1597.080	1643.974	1757.860	1873.085	1911.940
57.0	1564.924	1613.158	1728.383	1844.949	1883.804
57.5	1531.428	1581.002	1702.926	1818.152	1852.988
58.0	1497.932	1548.846	1673.450	1788.676	1830.210
58.5	1465.776	1516.690	1643.974	1763.219	1803.414
59.0	1433.620	1484.534	1615.837	1740.442	1775.277
59.5	1401.464	1453.718	1590.381	1712.305	1753.840
60.0	1369.308	1421.562	1562.244	1685.509	1727.043
60.5	1337.822	1390.746	1534.108	1660.052	1700.247
61.0	1306.202	1359.929	1505.971	1634.595	1674.790
61.5	1274.850	1329.381	1477.835	1609.138	1650.673
62.0	1244.034	1299.101	1451.038	1585.021	1625.216
62.5	1213.620	1269.089	1422.902	1560.904	1601.099
63.0	1182.804	1239.211	1396.105	1535.447	1579.662
63.5	1152.255	1209.734	1370.648	1511.330	1555.545
64.0	1122.511	1180.660	1343.851	1485.874	1531.428
64.5	1092.901	1152.255	1318.395	1461.757	1507.311
65.0	1063.559	1123.717	1292.804	1437.640	1484.534
65.5	1034.618	1095.849	1267.481	1413.523	1460.417
66.0	1005.276	1067.980	1242.426	1389.406	1437.640
66.5	976.604	1040.781	1217.505	1366.629	1414.863
67.0	948.601	1013.851	1192.718	1342.512	1392.085
67.5	920.465	987.322	1168.467	1320.002	1369.308
68.0	892.730	961.463	1144.350	1297.225	1347.871
68.5	865.397	935.739	1120.769	1275.118	1325.496
69.0	838.199	910.282	1097.456	1252.877	1304.326
69.5	811.402	885.361	1074.411	1231.306	1283.291
70.0	784.740	860.842	1051.768	1210.136	1262.390
70.5	758.747	836.591	1029.125	1188.967	1241.756
71.0	733.022	812.608	1006.884	1168.065	1221.391
71.5	707.565	789.161	985.178	1147.700	1201.293
72.0	682.644	765.580	963.473	1127.469	1181.732
72.5	657.590	742.803	942.304	1107.639	1162.304
73.0	633.205	720.160	921.268	1088.078	1142.743
73.5	609.490	697.784	900.903	1068.650	1123.717
74.0	586.042	676.079	880.270	1049.892	1104.557
74.5	562.997	654.240	860.574	1031.269	1086.470
75.0	540.086	632.937	841.013	1013.047	1068.918
75.5	517.577	612.169	821.719	994.959	1051.098
76.0	495.738	591.804	802.961	977.005	1033.680
76.5	474.033	571.706	784.338	959.454	1016.263
77.0	452.595	551.743	765.982	942.036	999.381
77.5	431.560	532.315	747.894	925.154	982.633
78.0	410.792	513.290	730.342	908.540	966.153
78.5	390.427	494.532	712.925	891.792	949.807
79.0	370.464	476.310	696.043	875.580	933.729
79.5	350.634	458.223	679.429	859.770	917.651
80.0	331.072	440.403	662.815	844.094	902.377
80.5	312.047	423.119	646.737	828.284	886.835
81.0	293.557	406.103	631.329	813.010	871.695
81.5	274.800	389.489	615.921	797.870	856.555
82.0	256.712	373.277	600.915	783.266	841.950
82.5	239.026	357.333	586.176	768.662	827.614

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**CANDELA TABULATION - (Cont.)**

83.0	221.608	341.791	571.706	754.593	813.680
83.5	204.324	326.651	557.906	740.257	799.210
84.0	187.442	311.913	544.508	726.725	785.409
84.5	170.695	297.711	531.377	713.327	771.877
85.0	154.617	283.910	518.515	700.062	758.345
85.5	138.539	270.780	505.921	687.200	745.215
86.0	122.729	258.186	493.594	674.605	732.218
86.5	107.053	246.395	481.938	662.011	719.222
87.0	91.645	235.007	470.147	650.086	706.493
87.5	76.236	224.422	459.026	638.028	694.301
88.0	60.962	214.105	448.040	626.371	681.974
88.5	45.554	204.458	437.455	614.849	670.050
89.0	31.486	195.347	427.406	603.728	658.259
89.5	19.963	186.907	417.626	593.010	646.737
90.0	11.925	179.403	408.649	582.827	636.152
90.5	8.441	172.838	400.342	572.644	624.898
91.0	8.977	166.809	391.901	562.327	614.179
91.5	10.719	161.048	383.460	552.547	603.460
92.0	12.728	156.224	375.421	542.632	593.010
92.5	14.872	152.071	368.588	533.119	582.693
93.0	17.016	148.453	361.487	524.142	572.778
93.5	19.294	145.640	354.787	515.299	563.399
94.0	21.705	143.228	348.490	506.992	554.288
94.5	23.983	141.486	342.595	498.551	544.910
95.0	26.261	140.146	337.102	490.245	535.933
95.5	28.404	139.209	332.010	482.340	527.090
96.0	30.146	138.807	327.589	474.702	518.381
96.5	31.888	138.807	323.167	467.601	510.342
97.0	33.496	138.941	319.148	460.768	502.303
97.5	35.238	139.477	315.396	454.203	494.934
98.0	36.711	140.012	312.047	447.772	487.431
98.5	38.453	140.682	309.233	441.609	480.464
99.0	40.195	141.486	306.286	435.847	473.631
99.5	42.071	142.424	303.740	430.354	466.931
100.0	43.679	143.362	301.730	425.263	460.902
100.5	45.554	144.434	299.720	420.305	454.739
101.0	47.162	145.506	298.247	415.616	449.246
101.5	48.770	146.578	296.773	411.194	443.618
102.0	50.244	147.649	295.701	407.041	438.661
102.5	51.718	148.721	294.629	403.155	433.704
103.0	53.191	149.927	293.825	399.270	429.282
103.5	54.799	151.133	293.155	395.920	424.727
104.0	56.541	152.205	292.485	392.839	420.573
104.5	58.283	153.411	292.083	389.891	416.688
105.0	59.890	154.617	291.681	387.211	412.936
105.5	61.364	155.688	291.279	384.398	409.721
106.0	63.106	157.028	291.145	381.986	406.505
106.5	64.714	158.234	291.145	379.708	403.289
107.0	66.322	159.574	291.145	377.565	400.610
107.5	67.795	160.646	291.145	375.957	397.796
108.0	69.671	161.986	291.145	374.081	394.982
108.5	71.413	163.326	291.279	372.741	393.107
109.0	73.155	164.397	291.547	370.999	391.231
109.5	75.031	165.603	291.681	369.794	389.221
110.0	76.906	166.809	291.949	368.454	387.613
110.5	78.782	168.015	292.217	367.248	386.140

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**CANDELA TABULATION - (Cont.)**

111.0	80.658	169.221	292.351	366.176	384.532
111.5	82.534	170.293	292.485	365.372	383.192
112.0	84.543	171.498	292.753	364.568	381.584
112.5	86.553	172.704	293.021	363.630	380.110
113.0	88.697	173.910	293.423	362.960	379.440
113.5	90.707	174.982	293.423	362.291	378.503
114.0	92.850	176.054	293.691	361.755	377.565
114.5	94.860	177.260	293.959	361.085	376.761
115.0	97.004	178.198	294.227	360.683	376.091
115.5	99.148	179.403	294.227	360.281	375.421
116.0	101.157	180.475	294.629	359.745	374.617
116.5	103.033	181.547	294.897	359.209	374.349
117.0	105.177	182.753	295.165	359.209	373.679
117.5	107.187	183.691	295.433	358.673	373.277
118.0	108.928	184.629	295.701	358.405	372.741
118.5	110.938	185.567	295.835	358.003	372.607
119.0	112.680	186.505	296.103	357.601	371.803
119.5	114.556	187.175	296.371	357.199	371.669
120.0	116.297	187.844	296.237	356.931	370.999
120.5	118.039	188.648	296.371	356.395	370.865
121.0	119.781	189.184	296.639	355.993	370.330
121.5	121.657	189.854	296.505	355.457	370.062
122.0	123.399	190.658	296.505	355.189	369.660
122.5	125.140	191.462	296.639	354.654	368.722
123.0	126.882	192.266	296.505	354.118	368.588
123.5	128.490	192.936	296.237	353.716	367.784
124.0	129.830	193.472	296.237	353.314	367.650
124.5	131.170	194.008	296.237	352.644	367.114
125.0	132.509	194.678	295.969	351.974	366.578
125.5	133.849	195.080	295.701	351.572	365.908
126.0	135.055	195.615	295.567	350.768	365.372
126.5	136.127	196.285	295.299	350.232	364.970
127.0	137.333	196.553	295.031	349.562	364.434
127.5	138.271	196.955	294.629	348.892	363.496
128.0	139.477	196.955	294.495	348.088	362.960
128.5	140.414	197.223	293.959	347.418	362.425
129.0	141.352	197.491	293.423	346.749	361.755
129.5	142.156	197.893	292.485	345.677	360.951
130.0	142.826	198.161	291.547	345.007	360.147
130.5	143.496	198.429	290.476	344.203	359.209
131.0	143.898	198.831	289.404	342.997	358.271
131.5	144.434	199.233	288.332	341.925	357.333
132.0	144.970	199.635	287.126	341.255	356.529
132.5	145.238	199.769	285.786	339.915	355.323
133.0	145.640	199.903	285.250	338.710	353.850
133.5	145.774	199.769	284.446	337.772	353.180
134.0	145.908	199.501	283.910	336.700	352.242
134.5	146.310	198.965	283.240	335.494	350.500
135.0	146.712	198.563	282.437	333.886	349.160
135.5	146.578	197.491	281.767	332.814	348.088
136.0	146.846	197.357	280.829	331.474	346.749
136.5	147.114	196.955	280.159	330.001	345.409
137.0	147.248	196.285	279.087	328.795	343.935
137.5	147.382	195.615	278.149	327.187	342.595
138.0	147.649	195.214	276.809	325.847	340.987
138.5	147.649	194.678	275.067	324.373	339.781

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	147.515	194.276	273.058	322.632	337.906
139.5	147.515	193.740	270.646	320.756	336.566
140.0	147.515	193.070	267.966	319.014	334.690
140.5	147.515	192.668	265.555	316.870	332.680
141.0	147.515	192.400	262.875	314.593	331.072
141.5	147.515	191.864	260.195	312.583	329.465
142.0	147.382	191.596	257.650	310.037	327.723
142.5	147.248	191.194	254.970	307.759	325.713
143.0	147.114	190.792	252.424	305.616	323.703
143.5	147.114	190.256	249.477	303.338	321.828
144.0	147.114	189.586	246.931	301.596	319.684
144.5	147.515	189.050	244.385	299.586	317.808
145.0	148.051	188.514	241.572	297.845	315.664
145.5	148.989	187.844	239.026	296.103	313.521
146.0	150.195	187.309	236.614	294.227	311.511
146.5	151.401	186.773	234.605	292.217	309.233
147.0	152.607	186.103	232.327	290.208	306.955
147.5	153.679	185.835	230.585	288.198	304.678
148.0	154.885	185.299	228.709	285.920	302.266
148.5	155.956	185.165	227.235	283.776	299.854
149.0	157.296	185.165	225.628	281.633	297.711
149.5	158.234	185.567	224.154	279.355	295.031
150.0	159.306	185.835	222.680	277.211	292.217
150.5	160.244	185.969	221.072	274.800	289.270
151.0	160.914	186.371	218.929	272.388	285.786
151.5	161.584	186.505	216.651	269.842	282.571
152.0	162.388	186.773	214.507	267.162	279.355
152.5	163.192	187.041	212.497	264.349	275.871
153.0	163.727	187.175	210.354	261.133	273.058
153.5	164.397	187.576	208.076	257.784	269.842
154.0	164.933	187.442	206.066	254.032	267.162
154.5	165.603	187.576	204.324	250.415	264.483
155.0	165.871	187.844	202.583	246.261	262.473
155.5	166.407	187.978	200.841	242.376	260.329
156.0	166.809	187.978	199.635	238.222	258.454
156.5	167.479	187.978	198.429	234.069	256.042
157.0	167.747	188.246	197.223	230.317	253.764
157.5	168.149	188.246	196.419	226.700	251.218
158.0	168.685	188.112	196.017	222.948	248.807
158.5	168.819	188.112	195.481	219.866	245.993
159.0	169.489	187.710	195.080	216.919	243.581
159.5	170.025	187.442	194.410	214.105	240.902
160.0	170.695	187.175	193.740	211.827	238.222
160.5	171.498	187.041	193.204	209.684	235.676
161.0	172.034	186.639	193.070	207.406	233.131
161.5	172.838	186.505	192.802	205.128	231.255
162.0	173.508	186.237	193.204	203.253	229.647
162.5	174.178	186.237	193.472	201.243	227.771
163.0	174.982	186.103	193.606	199.099	226.164
163.5	175.652	186.103	193.874	196.821	224.154
164.0	175.920	186.103	194.142	194.008	222.278
164.5	176.322	185.835	193.874	191.864	219.866
165.0	176.724	185.835	193.472	189.720	217.455
165.5	177.126	185.701	193.070	188.246	214.909
166.0	177.528	185.567	192.802	186.639	211.024
166.5	177.930	185.567	192.400	185.299	209.148

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-850-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

167.0	178.466	185.567	191.998	184.093	207.674
167.5	178.734	185.567	191.194	183.021	206.200
168.0	179.136	185.567	190.524	181.949	204.994
168.5	179.939	185.031	189.586	181.011	203.520
169.0	180.341	185.165	188.916	180.073	202.047
169.5	181.011	184.763	187.844	179.002	200.439
170.0	181.279	184.629	186.907	177.662	198.965
170.5	181.681	184.361	185.701	176.188	197.357
171.0	181.949	184.093	184.361	174.580	195.347
171.5	182.351	184.093	183.155	173.106	193.740
172.0	183.021	183.825	182.485	171.632	191.328
172.5	183.423	183.825	181.681	170.025	188.648
173.0	183.959	183.557	181.011	168.551	184.093
173.5	184.629	183.691	180.743	167.077	177.260
174.0	185.165	183.691	180.609	165.871	168.819
174.5	185.567	183.691	180.341	164.665	158.770
175.0	186.371	184.093	180.207	163.727	147.382
175.5	186.639	184.227	180.073	163.326	135.457
176.0	187.175	184.495	180.073	162.924	127.686
176.5	187.309	184.629	179.939	162.924	122.193
177.0	187.844	184.897	179.671	162.522	116.565
177.5	187.978	184.897	179.270	162.388	115.360
178.0	188.514	185.165	179.136	162.254	115.627
178.5	188.782	185.299	179.270	161.986	115.895
179.0	189.050	185.299	179.136	161.584	116.029
179.5	189.318	185.299	179.002	161.450	116.163
180.0	169.757	169.757	169.757	169.757	169.757



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-850-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1533.94	N.A.	11.70
0-30	3214.12	N.A.	24.50
0-40	5163.04	N.A.	39.40
0-60	8737.77	N.A.	66.70
0-80	10885.71	N.A.	83.10
0-90	11425.91	N.A.	87.30
10-90	11026.00	N.A.	84.20
20-40	3629.1	N.A.	27.70
20-50	5548.31	N.A.	42.40
40-70	4848.11	N.A.	37.00
60-80	2147.93	N.A.	16.40
70-80	874.56	N.A.	6.70
80-90	540.20	N.A.	4.10
90-110	630.96	N.A.	4.80
90-120	896.58	N.A.	6.80
90-130	1141.05	N.A.	8.70
90-150	1497.99	N.A.	11.40
90-180	1668.63	N.A.	12.70
110-180	1037.67	N.A.	7.90
0-180	13094.53	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	399.90
10-20	1134.04
20-30	1680.18
30-40	1948.92
40-50	1919.21
50-60	1655.53
60-70	1273.37
70-80	874.56
80-90	540.20
90-100	346.11
100-110	284.85
110-120	265.63
120-130	244.47
130-140	205.44
140-150	151.50
150-160	99.06
160-170	54.58
170-180	17.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-850-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	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-8-L130-850-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

X=2H	Y=2H	18.3	19.7	18.8	20.2	20.8	20.0	21.4	20.6	21.9	22.5
	3H	19.7	20.9	20.2	21.5	22.1	22.2	23.5	22.8	24.0	24.7
	4H	20.1	21.3	20.7	21.8	22.5	23.3	24.5	23.9	25.0	25.7
	6H	20.4	21.5	21.0	22.1	22.8	24.4	25.5	25.0	26.1	26.8
	8H	20.5	21.5	21.1	22.1	22.8	25.1	26.1	25.7	26.7	27.4
	12H	20.5	21.5	21.1	22.1	22.8	25.8	26.7	26.4	27.4	28.1

UGR Viewed Endwise

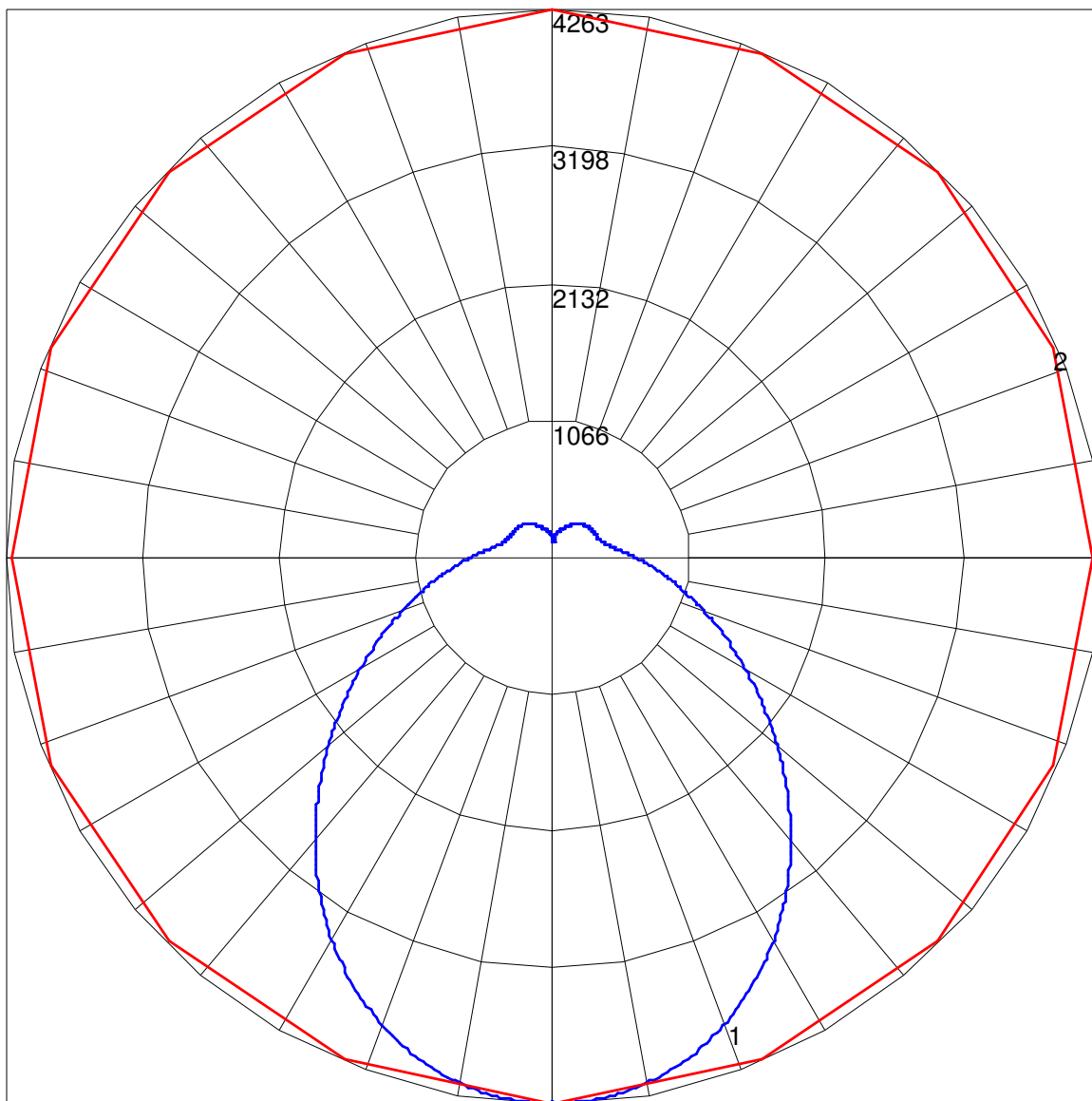
4H	2H	19.0	20.2	19.6	20.8	21.5	20.4	21.6	21.0	22.2	22.8
	3H	20.6	21.6	21.2	22.2	22.9	22.9	23.8	23.5	24.5	25.2
	4H	21.2	22.1	21.8	22.7	23.5	24.1	25.0	24.7	25.6	26.4
	6H	21.6	22.4	22.3	23.1	23.8	25.5	26.2	26.1	26.9	27.6
	8H	21.7	22.5	22.4	23.1	23.9	26.2	26.9	26.8	27.6	28.3
	12H	21.8	22.5	22.5	23.2	23.9	27.0	27.7	27.7	28.4	29.1

8H	4H	21.8	22.5	22.4	23.2	23.9	24.3	25.0	25.0	25.7	26.5
	6H	22.4	23.0	23.0	23.7	24.4	25.8	26.5	26.5	27.2	27.9
	8H	22.6	23.1	23.3	23.8	24.6	26.7	27.3	27.4	28.0	28.7
	12H	22.7	23.2	23.4	23.9	24.7	27.7	28.2	28.4	28.9	29.7

12H	4H	22.0	22.6	22.6	23.3	24.1	24.3	25.0	25.0	25.7	26.4
	6H	22.6	23.2	23.3	23.9	24.7	25.9	26.4	26.6	27.1	27.9
	8H	22.9	23.4	23.6	24.1	24.9	26.8	27.3	27.5	28.0	28.8

Maximum UGR = 29.7

POLAR GRAPH



Maximum Candela = 4263.345 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.)