

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-840-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-8-L130-840-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	12762
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	180
Total Luminaire Watts	70.8
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	14116	12589	12382
55	12280	10802	10870
65	10401	9281	9688
75	8478	8151	9055
85	6658	8110	9567

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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	4130.283	4130.283	4130.283	4130.283	4130.283
0.5	4110.696	4126.366	4128.978	4127.672	4155.094
1.0	4110.696	4127.672	4127.672	4126.366	4153.788
1.5	4106.779	4127.672	4126.366	4125.060	4155.094
2.0	4105.473	4123.754	4126.366	4123.754	4151.176
2.5	4105.473	4123.754	4122.448	4122.448	4148.565
3.0	4101.555	4119.837	4119.837	4119.837	4145.953
3.5	4098.944	4115.919	4115.919	4117.225	4143.341
4.0	4096.332	4113.308	4113.308	4112.002	4140.730
4.5	4089.803	4109.390	4110.696	4109.390	4136.812
5.0	4085.886	4105.473	4105.473	4105.473	4132.895
5.5	4080.663	4100.250	4100.250	4101.555	4127.672
6.0	4078.051	4093.721	4095.026	4095.026	4122.448
6.5	4068.910	4088.497	4089.803	4089.803	4115.919
7.0	4063.687	4081.968	4083.274	4081.968	4110.696
7.5	4058.464	4074.133	4076.745	4076.745	4104.167
8.0	4051.935	4068.910	4068.910	4068.910	4095.026
8.5	4045.406	4059.770	4062.381	4062.381	4087.192
9.0	4034.959	4053.240	4054.546	4053.240	4078.051
9.5	4028.430	4044.100	4044.100	4044.100	4072.828
10.0	4017.984	4033.653	4033.653	4036.265	4062.381
10.5	4008.843	4024.513	4025.818	4025.818	4053.240
11.0	3999.702	4015.372	4016.678	4015.372	4042.794
11.5	3987.950	4004.925	4007.537	4004.925	4033.653
12.0	3977.503	3993.173	3995.785	3995.785	4021.901
12.5	3967.057	3981.421	3985.338	3982.727	4011.454
13.0	3955.305	3970.974	3973.586	3972.280	3999.702
13.5	3943.552	3957.916	3960.528	3960.528	3989.256
14.0	3929.188	3944.858	3947.470	3947.470	3974.892
14.5	3917.436	3931.800	3934.412	3934.412	3964.445
15.0	3905.684	3918.742	3920.048	3920.048	3948.775
15.5	3891.320	3903.072	3906.990	3906.990	3933.106
16.0	3875.650	3888.708	3892.626	3892.626	3920.048
16.5	3862.592	3873.038	3876.956	3878.262	3905.684
17.0	3844.311	3856.063	3861.286	3862.592	3890.014
17.5	3828.641	3840.393	3845.616	3846.922	3874.344
18.0	3814.277	3824.723	3828.641	3832.558	3859.980
18.5	3797.301	3809.054	3812.971	3815.583	3843.005
19.0	3780.326	3789.466	3795.995	3798.607	3824.723
19.5	3760.739	3773.797	3779.020	3784.243	3807.748
20.0	3739.846	3754.210	3760.739	3764.656	3789.466
20.5	3718.953	3737.234	3742.457	3747.680	3772.491
21.0	3701.977	3716.341	3720.258	3730.705	3754.210
21.5	3682.390	3696.754	3703.283	3708.506	3734.622
22.0	3661.497	3678.472	3685.001	3690.225	3717.647
22.5	3643.215	3654.968	3664.108	3671.943	3698.060
23.0	3621.017	3634.075	3643.215	3651.050	3677.167
23.5	3597.512	3611.876	3623.628	3631.463	3657.579
24.0	3574.007	3589.677	3601.429	3610.570	3636.686
24.5	3554.420	3567.478	3580.537	3588.371	3613.182
25.0	3532.221	3545.280	3559.644	3567.478	3592.289
25.5	3507.411	3523.081	3534.833	3546.585	3567.478
26.0	3483.906	3498.270	3513.940	3524.387	3547.891
26.5	3459.096	3473.460	3491.741	3500.882	3525.692

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**CANDELA TABULATION - (Cont.)**

27.0	3434.286	3447.344	3469.542	3481.295	3503.494
27.5	3405.558	3422.533	3444.732	3455.179	3481.295
28.0	3384.665	3397.723	3419.922	3431.674	3456.484
28.5	3357.243	3372.912	3395.111	3406.864	3431.674
29.0	3331.126	3346.796	3368.995	3383.359	3408.169
29.5	3303.704	3319.374	3342.879	3357.243	3382.053
30.0	3276.282	3293.258	3316.762	3335.044	3359.854
30.5	3247.554	3264.530	3291.952	3310.233	3333.738
31.0	3220.132	3237.108	3264.530	3284.117	3306.316
31.5	3191.405	3210.992	3238.414	3259.307	3282.811
32.0	3163.982	3180.958	3212.298	3231.885	3255.389
32.5	3133.949	3152.230	3184.875	3205.768	3229.273
33.0	3105.221	3124.808	3154.842	3179.652	3203.157
33.5	3077.799	3096.080	3128.726	3150.924	3175.735
34.0	3045.154	3066.047	3099.998	3124.808	3150.924
34.5	3015.120	3037.319	3072.576	3096.080	3122.196
35.0	2987.698	3005.979	3045.154	3069.964	3094.774
35.5	2952.441	2977.251	3015.120	3041.236	3066.047
36.0	2925.019	2945.912	2986.392	3012.508	3038.625
36.5	2891.068	2914.572	2956.358	2985.086	3012.508
37.0	2859.728	2884.539	2926.325	2955.053	2985.086
37.5	2827.083	2851.893	2897.597	2928.936	2955.053
38.0	2794.438	2820.554	2866.257	2898.903	2923.713
38.5	2760.487	2787.909	2836.224	2871.481	2894.985
39.0	2730.453	2755.263	2804.884	2841.447	2871.481
39.5	2696.502	2725.230	2774.851	2811.413	2840.141
40.0	2659.939	2691.279	2743.511	2783.991	2810.107
40.5	2625.988	2658.633	2713.477	2755.263	2781.380
41.0	2594.648	2625.988	2682.138	2725.230	2751.346
41.5	2560.697	2593.343	2650.798	2695.196	2722.618
42.0	2526.746	2560.697	2619.459	2666.468	2693.890
42.5	2494.101	2526.746	2586.814	2636.434	2663.856
43.0	2457.538	2494.101	2556.780	2607.707	2635.129
43.5	2426.199	2460.150	2524.135	2577.673	2606.401
44.0	2390.942	2426.199	2491.489	2548.945	2576.367
44.5	2358.296	2393.553	2458.844	2517.606	2546.333
45.0	2324.345	2359.602	2427.505	2490.183	2518.911
45.5	2290.394	2326.957	2396.165	2461.456	2490.183
46.0	2256.443	2293.006	2362.214	2430.116	2460.150
46.5	2222.492	2259.055	2333.486	2404.000	2431.422
47.0	2187.235	2226.409	2300.841	2372.660	2402.694
47.5	2153.284	2192.458	2268.195	2342.627	2372.660
48.0	2120.639	2158.507	2235.550	2315.205	2342.627
48.5	2084.076	2125.862	2205.516	2283.865	2313.899
49.0	2051.431	2090.605	2171.565	2253.832	2283.865
49.5	2017.480	2057.960	2140.226	2225.104	2255.137
50.0	1982.223	2024.009	2108.886	2193.764	2225.104
50.5	1949.577	1991.363	2076.241	2167.648	2197.682
51.0	1915.626	1957.412	2047.513	2137.614	2168.954
51.5	1882.981	1923.461	2014.868	2108.886	2140.226
52.0	1847.724	1890.816	1983.528	2078.853	2111.498
52.5	1813.773	1856.865	1953.495	2048.819	2084.076
53.0	1778.516	1824.219	1922.155	2022.703	2054.042
53.5	1744.565	1791.574	1892.122	1992.669	2026.620
54.0	1711.920	1758.929	1862.088	1963.941	1999.198
54.5	1680.580	1724.978	1832.054	1937.825	1971.776

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**CANDELA TABULATION - (Cont.)**

55.0	1647.935	1693.638	1802.021	1907.791	1946.966
55.5	1620.513	1660.993	1771.987	1880.369	1916.932
56.0	1589.173	1632.265	1743.259	1852.947	1889.510
56.5	1556.528	1602.231	1713.225	1825.525	1863.394
57.0	1525.188	1572.198	1684.497	1798.103	1835.972
57.5	1492.543	1540.858	1659.687	1771.987	1805.938
58.0	1459.898	1509.519	1630.959	1743.259	1783.739
58.5	1428.558	1478.179	1602.231	1718.449	1757.623
59.0	1397.219	1446.840	1574.809	1696.250	1730.201
59.5	1365.879	1416.806	1549.999	1668.828	1709.308
60.0	1334.540	1385.467	1522.577	1642.711	1683.192
60.5	1303.853	1355.433	1495.155	1617.901	1657.075
61.0	1273.036	1325.399	1467.733	1593.091	1632.265
61.5	1242.480	1295.627	1440.311	1568.280	1608.760
62.0	1212.446	1266.115	1414.194	1544.776	1583.950
62.5	1182.805	1236.865	1386.772	1521.271	1560.445
63.0	1152.771	1207.746	1360.656	1496.461	1539.552
63.5	1122.998	1179.018	1335.846	1472.956	1516.048
64.0	1094.009	1150.682	1309.729	1448.146	1492.543
64.5	1065.151	1122.998	1284.919	1424.641	1469.039
65.0	1036.554	1095.185	1259.978	1401.136	1446.840
65.5	1008.348	1068.024	1235.298	1377.632	1423.335
66.0	979.751	1040.863	1210.879	1354.127	1401.136
66.5	951.806	1014.355	1186.591	1331.928	1378.937
67.0	924.515	988.108	1162.434	1308.424	1356.739
67.5	897.093	962.253	1138.799	1286.486	1334.540
68.0	870.063	937.051	1115.294	1264.287	1313.647
68.5	843.424	911.979	1092.312	1242.741	1291.840
69.0	816.916	887.169	1069.591	1221.065	1271.208
69.5	790.800	862.881	1047.131	1200.041	1250.707
70.0	764.814	838.984	1025.062	1179.409	1230.336
70.5	739.481	815.349	1002.994	1158.778	1210.227
71.0	714.410	791.975	981.318	1138.407	1190.378
71.5	689.599	769.123	960.164	1118.559	1170.791
72.0	665.311	746.141	939.009	1098.841	1151.726
72.5	640.893	723.942	918.378	1079.515	1132.792
73.0	617.127	701.874	897.876	1060.450	1113.727
73.5	594.014	680.067	878.028	1041.516	1095.185
74.0	571.162	658.913	857.918	1023.234	1076.511
74.5	548.702	637.628	838.723	1005.083	1058.883
75.0	526.373	616.866	819.658	987.324	1041.777
75.5	504.435	596.626	800.855	969.696	1024.410
76.0	483.150	576.777	782.573	952.198	1007.434
76.5	461.996	557.190	764.422	935.092	990.458
77.0	441.103	537.733	746.533	918.116	974.005
77.5	420.602	518.799	728.904	901.663	957.683
78.0	400.362	500.257	711.798	885.471	941.621
78.5	380.514	481.975	694.823	869.148	925.690
79.0	361.057	464.216	678.369	853.348	910.020
79.5	341.731	446.588	662.177	837.940	894.351
80.0	322.666	429.220	645.985	822.662	879.464
80.5	304.124	412.375	630.315	807.253	864.317
81.0	286.103	395.792	615.299	792.367	849.561
81.5	267.822	379.600	600.282	777.611	834.806
82.0	250.194	363.799	585.657	763.378	820.572
82.5	232.957	348.260	571.293	749.144	806.600

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**CANDELA TABULATION - (Cont.)**

83.0	215.981	333.113	557.190	735.433	793.020
83.5	199.136	318.357	543.740	721.461	778.917
84.0	182.683	303.993	530.682	708.272	765.467
84.5	166.360	290.151	517.885	695.214	752.278
85.0	150.691	276.702	505.349	682.287	739.090
85.5	135.021	263.905	493.075	669.751	726.293
86.0	119.612	251.630	481.061	657.476	713.626
86.5	104.334	240.139	469.701	645.202	700.960
87.0	89.318	229.039	458.209	633.580	688.555
87.5	74.301	218.724	447.371	621.828	676.672
88.0	59.414	208.669	436.664	610.467	664.658
88.5	44.398	199.267	426.348	599.237	653.037
89.0	30.687	190.387	416.554	588.399	641.545
89.5	19.457	182.161	407.022	577.952	630.315
90.0	11.622	174.848	398.273	568.028	620.000
90.5	8.227	168.450	390.177	558.104	609.031
91.0	8.749	162.574	381.950	548.049	598.584
91.5	10.446	156.959	373.723	538.517	588.138
92.0	12.405	152.258	365.889	528.854	577.952
92.5	14.495	148.210	359.229	519.583	567.898
93.0	16.584	144.684	352.308	510.834	558.235
93.5	18.804	141.942	345.779	502.215	549.094
94.0	21.154	139.591	339.642	494.119	540.214
94.5	23.374	137.894	333.896	485.893	531.074
95.0	25.594	136.588	328.542	477.797	522.325
95.5	27.683	135.674	323.580	470.092	513.706
96.0	29.381	135.282	319.271	462.649	505.219
96.5	31.078	135.282	314.962	455.728	497.384
97.0	32.645	135.413	311.044	449.069	489.549
97.5	34.343	135.935	307.388	442.670	482.367
98.0	35.779	136.457	304.124	436.402	475.054
98.5	37.477	137.110	301.381	430.396	468.264
99.0	39.174	137.894	298.509	424.781	461.605
99.5	41.002	138.808	296.028	419.427	455.075
100.0	42.569	139.722	294.069	414.465	449.199
100.5	44.398	140.767	292.110	409.633	443.193
101.0	45.965	141.811	290.674	405.063	437.839
101.5	47.532	142.856	289.237	400.754	432.354
102.0	48.968	143.900	288.193	396.706	427.523
102.5	50.404	144.945	287.148	392.919	422.691
103.0	51.841	146.120	286.365	389.132	418.382
103.5	53.408	147.296	285.712	385.867	413.942
104.0	55.105	148.340	285.059	382.864	409.894
104.5	56.803	149.515	284.667	379.991	406.108
105.0	58.370	150.691	284.275	377.380	402.451
105.5	59.806	151.735	283.884	374.637	399.317
106.0	61.504	153.041	283.753	372.287	396.183
106.5	63.071	154.216	283.753	370.067	393.049
107.0	64.638	155.522	283.753	367.978	390.438
107.5	66.074	156.567	283.753	366.411	387.696
108.0	67.902	157.873	283.753	364.583	384.953
108.5	69.600	159.178	283.884	363.277	383.125
109.0	71.297	160.223	284.145	361.579	381.297
109.5	73.125	161.398	284.275	360.404	379.338
110.0	74.954	162.574	284.536	359.098	377.771
110.5	76.782	163.749	284.798	357.923	376.335

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**CANDELA TABULATION - (Cont.)**

111.0	78.610	164.924	284.928	356.878	374.768
111.5	80.438	165.969	285.059	356.095	373.462
112.0	82.397	167.144	285.320	355.311	371.895
112.5	84.355	168.319	285.581	354.397	370.459
113.0	86.445	169.494	285.973	353.744	369.806
113.5	88.403	170.539	285.973	353.092	368.892
114.0	90.493	171.584	286.234	352.569	367.978
114.5	92.451	172.759	286.495	351.916	367.194
115.0	94.541	173.673	286.756	351.525	366.541
115.5	96.630	174.848	286.756	351.133	365.889
116.0	98.589	175.893	287.148	350.611	365.105
116.5	100.417	176.938	287.409	350.088	364.844
117.0	102.506	178.113	287.670	350.088	364.191
117.5	104.465	179.027	287.932	349.566	363.799
118.0	106.163	179.941	288.193	349.305	363.277
118.5	108.121	180.855	288.323	348.913	363.146
119.0	109.819	181.769	288.584	348.521	362.363
119.5	111.647	182.422	288.846	348.129	362.232
120.0	113.344	183.075	288.715	347.868	361.579
120.5	115.042	183.858	288.846	347.346	361.449
121.0	116.740	184.381	289.107	346.954	360.926
121.5	118.568	185.034	288.976	346.432	360.665
122.0	120.265	185.817	288.976	346.171	360.274
122.5	121.963	186.601	289.107	345.648	359.359
123.0	123.660	187.384	288.976	345.126	359.229
123.5	125.227	188.037	288.715	344.734	358.445
124.0	126.533	188.559	288.715	344.343	358.315
124.5	127.839	189.082	288.715	343.690	357.792
125.0	129.145	189.734	288.454	343.037	357.270
125.5	130.451	190.126	288.193	342.645	356.617
126.0	131.626	190.649	288.062	341.862	356.095
126.5	132.670	191.301	287.801	341.339	355.703
127.0	133.846	191.563	287.540	340.686	355.181
127.5	134.760	191.954	287.148	340.033	354.267
128.0	135.935	191.954	287.017	339.250	353.744
128.5	136.849	192.216	286.495	338.597	353.222
129.0	137.763	192.477	285.973	337.944	352.569
129.5	138.547	192.868	285.059	336.899	351.786
130.0	139.200	193.130	284.145	336.247	351.002
130.5	139.852	193.391	283.100	335.463	350.088
131.0	140.244	193.783	282.055	334.288	349.174
131.5	140.767	194.174	281.011	333.243	348.260
132.0	141.289	194.566	279.836	332.590	347.477
132.5	141.550	194.697	278.530	331.285	346.301
133.0	141.942	194.827	278.007	330.109	344.865
133.5	142.072	194.697	277.224	329.195	344.212
134.0	142.203	194.435	276.702	328.151	343.298
134.5	142.595	193.913	276.049	326.975	341.600
135.0	142.986	193.521	275.265	325.408	340.295
135.5	142.856	192.477	274.612	324.364	339.250
136.0	143.117	192.346	273.698	323.058	337.944
136.5	143.378	191.954	273.045	321.621	336.638
137.0	143.509	191.301	272.001	320.446	335.202
137.5	143.639	190.649	271.087	318.879	333.896
138.0	143.900	190.257	269.781	317.573	332.329
138.5	143.900	189.734	268.083	316.137	331.154

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

139.0	143.770	189.343	266.124	314.440	329.326
139.5	143.770	188.820	263.774	312.611	328.020
140.0	143.770	188.168	261.162	310.914	326.192
140.5	143.770	187.776	258.812	308.825	324.233
141.0	143.770	187.515	256.200	306.605	322.666
141.5	143.770	186.992	253.589	304.646	321.099
142.0	143.639	186.731	251.108	302.165	319.402
142.5	143.509	186.339	248.496	299.945	317.443
143.0	143.378	185.948	246.015	297.856	315.484
143.5	143.378	185.425	243.142	295.636	313.656
144.0	143.378	184.772	240.661	293.938	311.567
144.5	143.770	184.250	238.180	291.980	309.739
145.0	144.292	183.728	235.438	290.282	307.649
145.5	145.206	183.075	232.957	288.584	305.560
146.0	146.382	182.553	230.606	286.756	303.601
146.5	147.557	182.030	228.648	284.798	301.381
147.0	148.732	181.377	226.428	282.839	299.162
147.5	149.777	181.116	224.730	280.880	296.942
148.0	150.952	180.594	222.902	278.660	294.591
148.5	151.997	180.463	221.466	276.571	292.241
149.0	153.302	180.463	219.899	274.482	290.151
149.5	154.216	180.855	218.462	272.262	287.540
150.0	155.261	181.116	217.026	270.173	284.798
150.5	156.175	181.247	215.459	267.822	281.925
151.0	156.828	181.638	213.370	265.472	278.530
151.5	157.481	181.769	211.150	262.991	275.396
152.0	158.264	182.030	209.061	260.379	272.262
152.5	159.048	182.291	207.102	257.637	268.867
153.0	159.570	182.422	205.012	254.503	266.124
153.5	160.223	182.814	202.793	251.238	262.991
154.0	160.745	182.683	200.834	247.582	260.379
154.5	161.398	182.814	199.136	244.056	257.767
155.0	161.660	183.075	197.439	240.008	255.809
155.5	162.182	183.205	195.741	236.221	253.719
156.0	162.574	183.205	194.566	232.173	251.891
156.5	163.227	183.205	193.391	228.125	249.541
157.0	163.488	183.467	192.216	224.469	247.321
157.5	163.879	183.467	191.432	220.943	244.840
158.0	164.402	183.336	191.040	217.287	242.489
158.5	164.532	183.336	190.518	214.284	239.747
159.0	165.185	182.944	190.126	211.411	237.397
159.5	165.708	182.683	189.473	208.669	234.785
160.0	166.360	182.422	188.820	206.449	232.173
160.5	167.144	182.291	188.298	204.360	229.692
161.0	167.666	181.900	188.168	202.140	227.211
161.5	168.450	181.769	187.906	199.920	225.383
162.0	169.103	181.508	188.298	198.092	223.816
162.5	169.756	181.508	188.559	196.133	221.988
163.0	170.539	181.377	188.690	194.044	220.421
163.5	171.192	181.377	188.951	191.824	218.462
164.0	171.453	181.377	189.212	189.082	216.634
164.5	171.845	181.116	188.951	186.992	214.284
165.0	172.237	181.116	188.559	184.903	211.933
165.5	172.628	180.986	188.168	183.467	209.452
166.0	173.020	180.855	187.906	181.900	205.665
166.5	173.412	180.855	187.515	180.594	203.837

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

167.0	173.934	180.855	187.123	179.419	202.401
167.5	174.195	180.855	186.339	178.374	200.964
168.0	174.587	180.855	185.686	177.329	199.789
168.5	175.371	180.333	184.772	176.415	198.353
169.0	175.762	180.463	184.119	175.501	196.916
169.5	176.415	180.071	183.075	174.456	195.349
170.0	176.676	179.941	182.161	173.151	193.913
170.5	177.068	179.680	180.986	171.714	192.346
171.0	177.329	179.419	179.680	170.147	190.387
171.5	177.721	179.419	178.505	168.711	188.820
172.0	178.374	179.157	177.852	167.275	186.470
172.5	178.766	179.157	177.068	165.708	183.858
173.0	179.288	178.896	176.415	164.271	179.419
173.5	179.941	179.027	176.154	162.835	172.759
174.0	180.463	179.027	176.023	161.660	164.532
174.5	180.855	179.027	175.762	160.484	154.739
175.0	181.638	179.419	175.632	159.570	143.639
175.5	181.900	179.549	175.501	159.178	132.018
176.0	182.422	179.810	175.501	158.787	124.444
176.5	182.553	179.941	175.371	158.787	119.090
177.0	183.075	180.202	175.109	158.395	113.606
177.5	183.205	180.202	174.718	158.264	112.430
178.0	183.728	180.463	174.587	158.134	112.692
178.5	183.989	180.594	174.718	157.873	112.953
179.0	184.250	180.594	174.587	157.481	113.083
179.5	184.511	180.594	174.456	157.350	113.214
180.0	165.446	165.446	165.446	165.446	165.446



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-840-HE-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1494.99	N.A.	11.70
0-30	3132.51	N.A.	24.50
0-40	5031.94	N.A.	39.40
0-60	8515.91	N.A.	66.70
0-80	10609.3	N.A.	83.10
0-90	11135.79	N.A.	87.30
10-90	10746.04	N.A.	84.20
20-40	3536.95	N.A.	27.70
20-50	5407.43	N.A.	42.40
40-70	4725.01	N.A.	37.00
60-80	2093.39	N.A.	16.40
70-80	852.35	N.A.	6.70
80-90	526.48	N.A.	4.10
90-110	614.94	N.A.	4.80
90-120	873.82	N.A.	6.80
90-130	1112.08	N.A.	8.70
90-150	1459.96	N.A.	11.40
90-180	1626.26	N.A.	12.70
110-180	1011.32	N.A.	7.90
0-180	12762.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	389.75
10-20	1105.24
20-30	1637.52
30-40	1899.43
40-50	1870.48
50-60	1613.49
60-70	1241.04
70-80	852.35
80-90	526.48
90-100	337.32
100-110	277.62
110-120	258.88
120-130	238.26
130-140	200.22
140-150	147.66
150-160	96.54
160-170	53.19
170-180	16.57

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-840-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	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

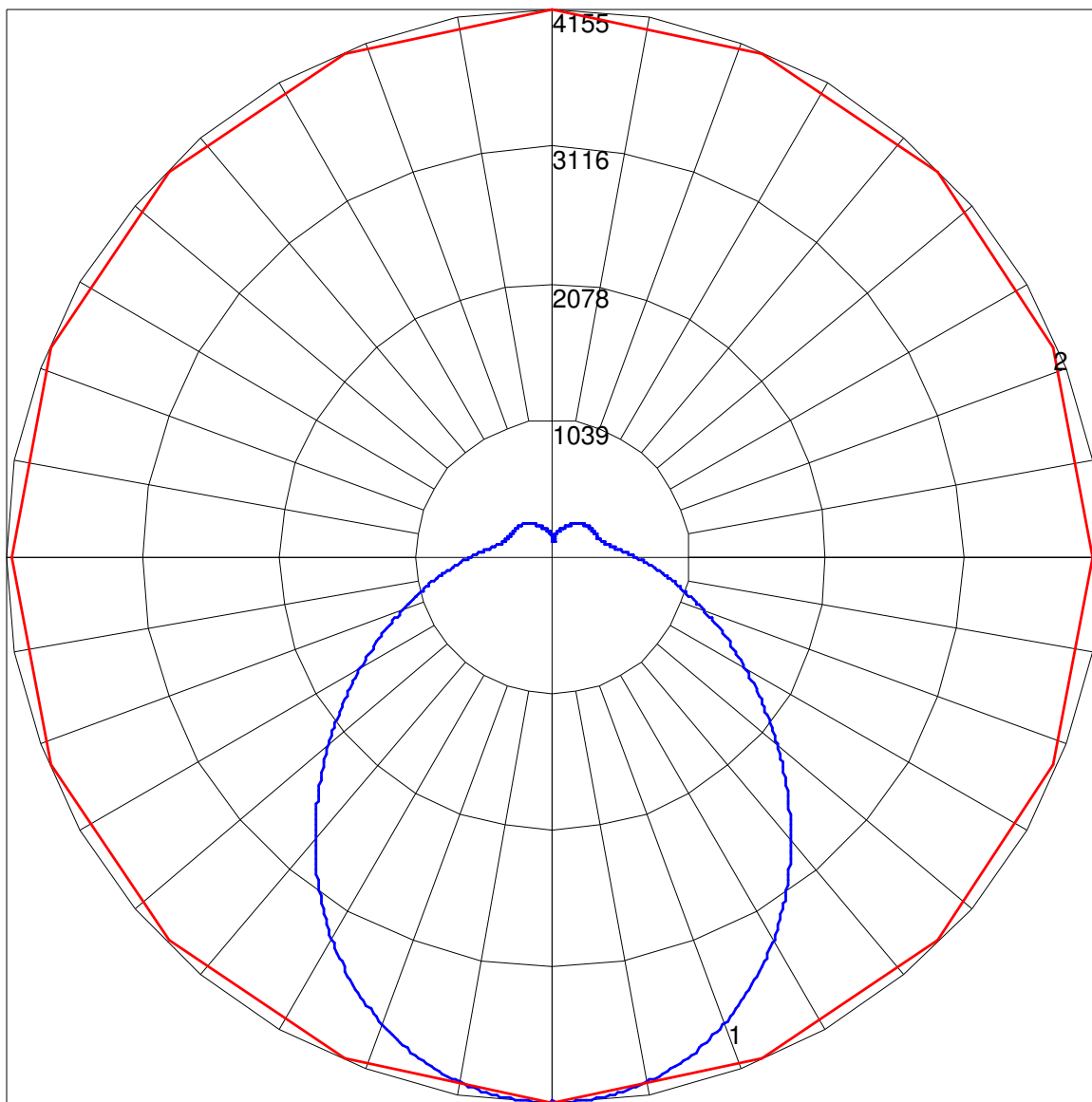
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-8-L130-840-HE-DIM-UNV\_.IES**

**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					UGR Viewed Endwise				
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
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	22.3	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 = 4155.094 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.)