

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-827-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-L130-827-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	12019
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	170
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	13294	11856	11661
55	11565	10173	10237
65	9796	8740	9123
75	7984	7676	8528
85	6271	7637	9010

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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	3889.684	3889.684	3889.684	3889.684	3889.684
0.5	3871.237	3885.994	3888.454	3887.224	3913.049
1.0	3871.237	3887.224	3887.224	3885.994	3911.819
1.5	3867.548	3887.224	3885.994	3884.765	3913.049
2.0	3866.318	3883.535	3885.994	3883.535	3909.359
2.5	3866.318	3883.535	3882.305	3882.305	3906.900
3.0	3862.629	3879.846	3879.846	3879.846	3904.440
3.5	3860.170	3876.156	3876.156	3877.386	3901.981
4.0	3857.710	3873.697	3873.697	3872.467	3899.521
4.5	3851.561	3870.008	3871.237	3870.008	3895.832
5.0	3847.872	3866.318	3866.318	3866.318	3892.143
5.5	3842.953	3861.399	3861.399	3862.629	3887.224
6.0	3840.494	3855.251	3856.480	3856.480	3882.305
6.5	3831.886	3850.332	3851.561	3851.561	3876.156
7.0	3826.967	3844.183	3845.413	3844.183	3871.237
7.5	3822.048	3836.804	3839.264	3839.264	3865.089
8.0	3815.899	3831.886	3831.886	3831.886	3856.480
8.5	3809.750	3823.277	3825.737	3825.737	3849.102
9.0	3799.912	3817.129	3818.358	3817.129	3840.494
9.5	3793.763	3808.520	3808.520	3808.520	3835.575
10.0	3783.925	3798.682	3798.682	3801.142	3825.737
10.5	3775.317	3790.074	3791.304	3791.304	3817.129
11.0	3766.709	3781.466	3782.696	3781.466	3807.291
11.5	3755.641	3771.628	3774.087	3771.628	3798.682
12.0	3745.803	3760.560	3763.020	3763.020	3787.615
12.5	3735.965	3749.493	3753.182	3750.722	3777.777
13.0	3724.898	3739.655	3742.114	3740.884	3766.709
13.5	3713.830	3727.357	3729.817	3729.817	3756.871
14.0	3700.303	3715.060	3717.519	3717.519	3743.344
14.5	3689.235	3702.762	3705.222	3705.222	3733.506
15.0	3678.167	3690.465	3691.695	3691.695	3718.749
15.5	3664.640	3675.708	3679.397	3679.397	3703.992
16.0	3649.883	3662.181	3665.870	3665.870	3691.695
16.5	3637.586	3647.424	3651.113	3652.343	3678.167
17.0	3620.369	3631.437	3636.356	3637.586	3663.410
17.5	3605.612	3616.680	3621.599	3622.829	3648.654
18.0	3592.085	3601.923	3605.612	3609.302	3635.126
18.5	3576.099	3587.166	3590.855	3593.315	3619.140
19.0	3560.112	3568.720	3574.869	3577.328	3601.923
19.5	3541.666	3553.963	3558.882	3563.801	3585.937
20.0	3521.990	3535.517	3541.666	3545.355	3568.720
20.5	3502.314	3519.530	3524.449	3529.368	3552.733
21.0	3486.327	3499.854	3503.544	3513.382	3535.517
21.5	3467.881	3481.408	3487.557	3492.476	3517.071
22.0	3448.205	3464.192	3470.340	3475.259	3501.084
22.5	3430.989	3442.056	3450.665	3458.043	3482.638
23.0	3410.083	3422.380	3430.989	3438.367	3462.962
23.5	3387.948	3401.475	3412.542	3419.921	3444.516
24.0	3365.812	3380.569	3391.637	3400.245	3424.840
24.5	3347.366	3359.663	3371.961	3379.339	3402.704
25.0	3326.460	3338.758	3352.285	3359.663	3383.029
25.5	3303.095	3317.852	3328.920	3339.988	3359.663
26.0	3280.960	3294.487	3309.244	3319.082	3341.217
26.5	3257.595	3271.122	3288.338	3296.946	3320.312

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CANDELA TABULATION - (Cont.)

27.0	3234.229	3246.527	3267.433	3278.500	3299.406
27.5	3207.175	3223.162	3244.067	3253.905	3278.500
28.0	3187.499	3199.797	3220.702	3231.770	3255.135
28.5	3161.674	3176.431	3197.337	3208.405	3231.770
29.0	3137.080	3151.837	3172.742	3186.269	3209.635
29.5	3111.255	3126.012	3148.147	3161.674	3185.040
30.0	3085.430	3101.417	3123.552	3140.769	3164.134
30.5	3058.376	3074.363	3100.187	3117.404	3139.539
31.0	3032.551	3048.538	3074.363	3092.809	3113.714
31.5	3005.497	3023.943	3049.768	3069.444	3091.579
32.0	2979.672	2995.659	3025.173	3043.619	3065.754
32.5	2951.388	2968.605	2999.348	3019.024	3041.159
33.0	2924.334	2942.780	2971.064	2994.429	3016.565
33.5	2898.509	2915.725	2946.469	2967.375	2990.740
34.0	2867.765	2887.441	2919.415	2942.780	2967.375
34.5	2839.481	2860.387	2893.590	2915.725	2940.320
35.0	2813.657	2830.873	2867.765	2891.131	2914.496
35.5	2780.454	2803.819	2839.481	2864.076	2887.441
36.0	2754.629	2774.305	2812.427	2837.022	2861.617
36.5	2722.655	2744.791	2784.143	2811.197	2837.022
37.0	2693.142	2716.507	2755.859	2782.913	2811.197
37.5	2662.398	2685.763	2728.804	2758.318	2782.913
38.0	2631.654	2656.249	2699.290	2730.034	2753.399
38.5	2599.681	2625.506	2671.006	2704.209	2726.345
39.0	2571.397	2594.762	2641.492	2675.925	2704.209
39.5	2539.423	2566.478	2613.208	2647.641	2674.695
40.0	2504.991	2534.505	2583.694	2621.816	2646.411
40.5	2473.017	2503.761	2555.410	2594.762	2619.357
41.0	2443.503	2473.017	2525.896	2566.478	2591.073
41.5	2411.530	2442.274	2496.382	2538.194	2564.018
42.0	2379.557	2411.530	2466.869	2511.139	2536.964
42.5	2348.813	2379.557	2436.125	2482.855	2508.680
43.0	2314.380	2348.813	2407.841	2455.801	2481.625
43.5	2284.866	2316.840	2377.097	2427.517	2454.571
44.0	2251.663	2284.866	2346.354	2400.462	2426.287
44.5	2220.920	2254.123	2315.610	2370.948	2398.003
45.0	2188.946	2222.149	2286.096	2345.124	2372.178
45.5	2156.973	2191.406	2256.582	2318.069	2345.124
46.0	2124.999	2159.432	2224.609	2288.556	2316.840
46.5	2093.026	2127.459	2197.554	2263.961	2289.785
47.0	2059.823	2096.715	2166.811	2234.447	2262.731
47.5	2027.850	2064.742	2136.067	2206.163	2234.447
48.0	1997.106	2032.769	2105.323	2180.338	2206.163
48.5	1962.673	2002.025	2077.039	2150.824	2179.108
49.0	1931.929	1968.822	2045.066	2122.540	2150.824
49.5	1899.956	1938.078	2015.552	2095.486	2123.770
50.0	1866.753	1906.105	1986.038	2065.972	2095.486
50.5	1836.009	1875.361	1955.295	2041.377	2069.661
51.0	1804.036	1843.388	1928.240	2013.093	2042.606
51.5	1773.292	1811.414	1897.497	1986.038	2015.552
52.0	1740.089	1780.671	1867.983	1957.754	1988.498
52.5	1708.116	1748.697	1839.699	1929.470	1962.673
53.0	1674.913	1717.954	1810.185	1904.875	1934.389
53.5	1642.939	1687.210	1781.901	1876.591	1908.564
54.0	1612.196	1656.467	1753.616	1849.537	1882.740
54.5	1582.682	1624.493	1725.332	1824.942	1856.915

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55.0	1551.938	1594.979	1697.048	1796.657	1833.550
55.5	1526.114	1564.236	1668.764	1770.833	1805.266
56.0	1496.600	1537.181	1641.710	1745.008	1779.441
56.5	1465.856	1508.897	1613.425	1719.184	1754.846
57.0	1436.342	1480.613	1586.371	1693.359	1729.022
57.5	1405.599	1451.099	1563.006	1668.764	1700.737
58.0	1374.855	1421.585	1535.952	1641.710	1679.832
58.5	1345.341	1392.071	1508.897	1618.344	1655.237
59.0	1315.827	1362.557	1483.073	1597.439	1629.412
59.5	1286.313	1334.273	1459.707	1571.614	1609.736
60.0	1256.799	1304.759	1433.883	1547.019	1585.141
60.5	1227.900	1276.475	1408.058	1523.654	1560.546
61.0	1198.878	1248.191	1382.233	1500.289	1537.181
61.5	1170.102	1220.153	1356.409	1476.924	1515.046
62.0	1141.818	1192.361	1331.814	1454.788	1491.681
62.5	1113.903	1164.814	1305.989	1432.653	1469.545
63.0	1085.619	1137.391	1281.394	1409.288	1449.869
63.5	1057.581	1110.337	1258.029	1387.152	1427.734
64.0	1030.280	1083.651	1233.434	1363.787	1405.599
64.5	1003.103	1057.581	1210.069	1341.652	1383.463
65.0	976.172	1031.387	1186.581	1319.516	1362.557
65.5	949.609	1005.808	1163.339	1297.381	1340.422
66.0	922.678	980.230	1140.343	1275.246	1319.516
66.5	896.361	955.266	1117.469	1254.340	1298.611
67.0	870.659	930.548	1094.719	1232.205	1277.705
67.5	844.835	906.199	1072.461	1211.545	1256.799
68.0	819.379	882.465	1050.325	1190.639	1237.124
68.5	794.292	858.854	1028.682	1170.348	1216.587
69.0	769.328	835.489	1007.284	1149.935	1197.157
69.5	744.734	812.616	986.133	1130.136	1177.850
70.0	720.262	790.111	965.350	1110.706	1158.666
70.5	696.405	767.853	944.567	1091.276	1139.728
71.0	672.794	745.840	924.153	1072.092	1121.036
71.5	649.428	724.320	904.232	1053.400	1102.589
72.0	626.555	702.676	884.310	1034.830	1084.635
72.5	603.559	681.771	864.880	1016.630	1066.804
73.0	581.178	660.988	845.573	998.676	1048.850
73.5	559.411	640.451	826.881	980.845	1031.387
74.0	537.890	620.529	807.942	963.628	1013.802
74.5	516.739	600.484	789.865	946.535	997.200
75.0	495.710	580.932	771.911	929.810	981.091
75.5	475.051	561.871	754.203	913.209	964.735
76.0	455.006	543.178	736.986	896.730	948.748
76.5	435.084	524.732	719.893	880.620	932.762
77.0	415.408	506.409	703.045	864.634	917.267
77.5	396.101	488.578	686.444	849.139	901.895
78.0	377.040	471.115	670.334	833.890	886.769
78.5	358.348	453.899	654.347	818.518	871.766
79.0	340.025	437.174	638.853	803.638	857.009
79.5	321.824	420.573	623.604	789.127	842.252
80.0	303.870	404.217	608.355	774.739	828.233
80.5	286.408	388.353	593.598	760.228	813.968
81.0	269.437	372.736	579.456	746.209	800.072
81.5	252.221	357.487	565.314	732.313	786.176
82.0	235.619	342.607	551.541	718.909	772.772
82.5	219.387	327.973	538.013	705.505	759.614

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83.0	203.400	313.708	524.732	692.592	746.824
83.5	187.536	299.812	512.066	679.434	733.543
84.0	172.041	286.285	499.768	667.014	720.877
84.5	156.670	273.249	487.717	654.716	708.456
85.0	141.913	260.583	475.911	642.542	696.036
85.5	127.156	248.531	464.352	630.736	683.984
86.0	112.645	236.972	453.038	619.177	672.056
86.5	98.257	226.150	442.339	607.617	660.127
87.0	84.115	215.697	431.518	596.672	648.445
87.5	69.972	205.982	421.311	585.605	637.254
88.0	55.953	196.513	411.227	574.906	625.940
88.5	41.811	187.659	401.512	564.330	614.995
89.0	28.899	179.297	392.289	554.123	604.174
89.5	18.323	171.549	383.312	544.285	593.598
90.0	10.945	164.663	375.072	534.939	583.883
90.5	7.747	158.637	367.448	525.593	573.553
91.0	8.239	153.103	359.700	516.124	563.715
91.5	9.838	147.815	351.953	507.147	553.877
92.0	11.683	143.388	344.575	498.047	544.285
92.5	13.650	139.576	338.303	489.316	534.816
93.0	15.618	136.256	331.785	481.076	525.716
93.5	17.708	133.673	325.636	472.960	517.108
94.0	19.922	131.460	319.857	465.336	508.746
94.5	22.012	129.861	314.446	457.588	500.137
95.0	24.103	128.631	309.404	449.964	491.898
95.5	26.071	127.771	304.731	442.708	483.782
96.0	27.669	127.402	300.673	435.699	475.788
96.5	29.268	127.402	296.615	429.181	468.410
97.0	30.744	127.525	292.925	422.909	461.031
97.5	32.342	128.016	289.482	416.884	454.268
98.0	33.695	128.508	286.408	410.981	447.381
98.5	35.294	129.123	283.825	405.324	440.987
99.0	36.892	129.861	281.120	400.036	434.715
99.5	38.614	130.722	278.783	394.994	428.566
100.0	40.090	131.583	276.939	390.321	423.032
100.5	41.811	132.567	275.094	385.771	417.375
101.0	43.287	133.550	273.741	381.467	412.334
101.5	44.763	134.534	272.389	377.409	407.169
102.0	46.115	135.518	271.405	373.597	402.619
102.5	47.468	136.502	270.421	370.030	398.068
103.0	48.821	137.608	269.683	366.464	394.010
103.5	50.297	138.715	269.068	363.390	389.829
104.0	51.895	139.699	268.453	360.561	386.017
104.5	53.494	140.806	268.084	357.856	382.451
105.0	54.970	141.913	267.715	355.396	379.007
105.5	56.322	142.896	267.347	352.814	376.056
106.0	57.921	144.126	267.224	350.600	373.105
106.5	59.397	145.233	267.224	348.510	370.153
107.0	60.872	146.463	267.224	346.542	367.694
107.5	62.225	147.446	267.224	345.066	365.111
108.0	63.947	148.676	267.224	343.345	362.529
108.5	65.545	149.906	267.347	342.115	360.807
109.0	67.144	150.890	267.593	340.516	359.086
109.5	68.866	151.996	267.715	339.410	357.241
110.0	70.587	153.103	267.961	338.180	355.765
110.5	72.309	154.210	268.207	337.073	354.413

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CANDELA TABULATION - (Cont.)

111.0	74.031	155.317	268.330	336.089	352.937
111.5	75.752	156.301	268.453	335.351	351.707
112.0	77.597	157.407	268.699	334.614	350.231
112.5	79.442	158.514	268.945	333.753	348.879
113.0	81.409	159.621	269.314	333.138	348.264
113.5	83.254	160.605	269.314	332.523	347.403
114.0	85.221	161.588	269.560	332.031	346.542
114.5	87.066	162.695	269.806	331.416	345.804
115.0	89.034	163.556	270.052	331.047	345.189
115.5	91.001	164.663	270.052	330.678	344.575
116.0	92.846	165.647	270.421	330.187	343.837
116.5	94.567	166.630	270.667	329.695	343.591
117.0	96.535	167.737	270.913	329.695	342.976
117.5	98.380	168.598	271.159	329.203	342.607
118.0	99.978	169.459	271.405	328.957	342.115
118.5	101.823	170.320	271.528	328.588	341.992
119.0	103.422	171.181	271.774	328.219	341.254
119.5	105.143	171.795	272.020	327.850	341.131
120.0	106.742	172.410	271.897	327.604	340.516
120.5	108.341	173.148	272.020	327.112	340.393
121.0	109.939	173.640	272.266	326.743	339.902
121.5	111.661	174.255	272.143	326.251	339.656
122.0	113.260	174.993	272.143	326.005	339.287
122.5	114.858	175.731	272.266	325.514	338.426
123.0	116.457	176.468	272.143	325.022	338.303
123.5	117.933	177.083	271.897	324.653	337.565
124.0	119.162	177.575	271.897	324.284	337.442
124.5	120.392	178.067	271.897	323.669	336.950
125.0	121.622	178.682	271.651	323.054	336.458
125.5	122.852	179.051	271.405	322.685	335.843
126.0	123.958	179.543	271.282	321.947	335.351
126.5	124.942	180.158	271.036	321.455	334.983
127.0	126.049	180.404	270.790	320.840	334.491
127.5	126.910	180.773	270.421	320.226	333.630
128.0	128.016	180.773	270.298	319.488	333.138
128.5	128.877	181.018	269.806	318.873	332.646
129.0	129.738	181.264	269.314	318.258	332.031
129.5	130.476	181.633	268.453	317.274	331.293
130.0	131.091	181.879	267.593	316.659	330.555
130.5	131.706	182.125	266.609	315.921	329.695
131.0	132.075	182.494	265.625	314.815	328.834
131.5	132.567	182.863	264.641	313.831	327.973
132.0	133.058	183.232	263.534	313.216	327.235
132.5	133.304	183.355	262.305	311.986	326.128
133.0	133.673	183.478	261.813	310.880	324.776
133.5	133.796	183.355	261.075	310.019	324.161
134.0	133.919	183.109	260.583	309.035	323.300
134.5	134.288	182.617	259.968	307.928	321.701
135.0	134.657	182.248	259.230	306.452	320.472
135.5	134.534	181.264	258.615	305.469	319.488
136.0	134.780	181.141	257.755	304.239	318.258
136.5	135.026	180.773	257.140	302.886	317.028
137.0	135.149	180.158	256.156	301.779	315.676
137.5	135.272	179.543	255.295	300.304	314.446
138.0	135.518	179.174	254.065	299.074	312.970
138.5	135.518	178.682	252.467	297.721	311.863

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	135.395	178.313	250.622	296.123	310.142
139.5	135.395	177.821	248.408	294.401	308.912
140.0	135.395	177.206	245.949	292.802	307.190
140.5	135.395	176.837	243.735	290.835	305.346
141.0	135.395	176.591	241.276	288.744	303.870
141.5	135.395	176.099	238.816	286.900	302.394
142.0	135.272	175.854	236.480	284.563	300.796
142.5	135.149	175.485	234.020	282.472	298.951
143.0	135.026	175.116	231.684	280.505	297.106
143.5	135.026	174.624	228.979	278.414	295.385
144.0	135.026	174.009	226.642	276.816	293.417
144.5	135.395	173.517	224.305	274.971	291.696
145.0	135.887	173.025	221.723	273.372	289.728
145.5	136.748	172.410	219.387	271.774	287.760
146.0	137.854	171.918	217.173	270.052	285.916
146.5	138.961	171.426	215.328	268.207	283.825
147.0	140.068	170.812	213.238	266.363	281.735
147.5	141.052	170.566	211.639	264.518	279.644
148.0	142.159	170.074	209.917	262.428	277.430
148.5	143.142	169.951	208.565	260.460	275.217
149.0	144.372	169.951	207.089	258.492	273.249
149.5	145.233	170.320	205.736	256.402	270.790
150.0	146.217	170.566	204.384	254.434	268.207
150.5	147.078	170.689	202.908	252.221	265.502
151.0	147.692	171.058	200.940	250.007	262.305
151.5	148.307	171.181	198.850	247.671	259.353
152.0	149.045	171.426	196.882	245.211	256.402
152.5	149.783	171.672	195.038	242.629	253.205
153.0	150.275	171.795	193.070	239.677	250.622
153.5	150.890	172.164	190.979	236.603	247.671
154.0	151.382	172.041	189.135	233.160	245.211
154.5	151.996	172.164	187.536	229.839	242.752
155.0	152.242	172.410	185.937	226.027	240.907
155.5	152.734	172.533	184.339	222.461	238.939
156.0	153.103	172.533	183.232	218.649	237.218
156.5	153.718	172.533	182.125	214.836	235.004
157.0	153.964	172.779	181.018	211.393	232.914
157.5	154.333	172.779	180.281	208.073	230.577
158.0	154.825	172.656	179.912	204.630	228.364
158.5	154.948	172.656	179.420	201.801	225.781
159.0	155.563	172.287	179.051	199.096	223.568
159.5	156.055	172.041	178.436	196.513	221.108
160.0	156.670	171.795	177.821	194.423	218.649
160.5	157.407	171.672	177.329	192.455	216.312
161.0	157.899	171.303	177.206	190.365	213.976
161.5	158.637	171.181	176.960	188.274	212.254
162.0	159.252	170.935	177.329	186.552	210.778
162.5	159.867	170.935	177.575	184.708	209.057
163.0	160.605	170.812	177.698	182.740	207.581
163.5	161.220	170.812	177.944	180.650	205.736
164.0	161.466	170.812	178.190	178.067	204.015
164.5	161.834	170.566	177.944	176.099	201.801
165.0	162.203	170.566	177.575	174.132	199.588
165.5	162.572	170.443	177.206	172.779	197.251
166.0	162.941	170.320	176.960	171.303	193.685
166.5	163.310	170.320	176.591	170.074	191.963

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	163.802	170.320	176.222	168.967	190.610
167.5	164.048	170.320	175.485	167.983	189.258
168.0	164.417	170.320	174.870	166.999	188.151
168.5	165.155	169.828	174.009	166.139	186.798
169.0	165.524	169.951	173.394	165.278	185.446
169.5	166.139	169.582	172.410	164.294	183.970
170.0	166.385	169.459	171.549	163.064	182.617
170.5	166.753	169.213	170.443	161.711	181.141
171.0	166.999	168.967	169.213	160.236	179.297
171.5	167.368	168.967	168.106	158.883	177.821
172.0	167.983	168.721	167.491	157.530	175.608
172.5	168.352	168.721	166.753	156.055	173.148
173.0	168.844	168.475	166.139	154.702	168.967
173.5	169.459	168.598	165.893	153.349	162.695
174.0	169.951	168.598	165.770	152.242	154.948
174.5	170.320	168.598	165.524	151.136	145.725
175.0	171.058	168.967	165.401	150.275	135.272
175.5	171.303	169.090	165.278	149.906	124.327
176.0	171.795	169.336	165.278	149.537	117.195
176.5	171.918	169.459	165.155	149.537	112.153
177.0	172.410	169.705	164.909	149.168	106.988
177.5	172.533	169.705	164.540	149.045	105.881
178.0	173.025	169.951	164.417	148.922	106.127
178.5	173.271	170.074	164.540	148.676	106.373
179.0	173.517	170.074	164.417	148.307	106.496
179.5	173.763	170.074	164.294	148.184	106.619
180.0	155.809	155.809	155.809	155.809	155.809

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-827-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1407.9	N.A.	11.70
0-30	2950.03	N.A.	24.50
0-40	4738.82	N.A.	39.40
0-60	8019.84	N.A.	66.70
0-80	9991.28	N.A.	83.10
0-90	10487.1	N.A.	87.30
10-90	10120.05	N.A.	84.20
20-40	3330.92	N.A.	27.70
20-50	5092.43	N.A.	42.40
40-70	4449.76	N.A.	37.00
60-80	1971.45	N.A.	16.40
70-80	802.70	N.A.	6.70
80-90	495.82	N.A.	4.10
90-110	579.12	N.A.	4.80
90-120	822.92	N.A.	6.80
90-130	1047.3	N.A.	8.70
90-150	1374.91	N.A.	11.40
90-180	1531.53	N.A.	12.70
110-180	952.41	N.A.	7.90
0-180	12018.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	367.05
10-20	1040.86
20-30	1542.13
30-40	1788.79
40-50	1761.52
50-60	1519.5
60-70	1168.75
70-80	802.70
80-90	495.82
90-100	317.67
100-110	261.44
110-120	243.80
120-130	224.38
130-140	188.56
140-150	139.06
150-160	90.92
160-170	50.09
170-180	15.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-827-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

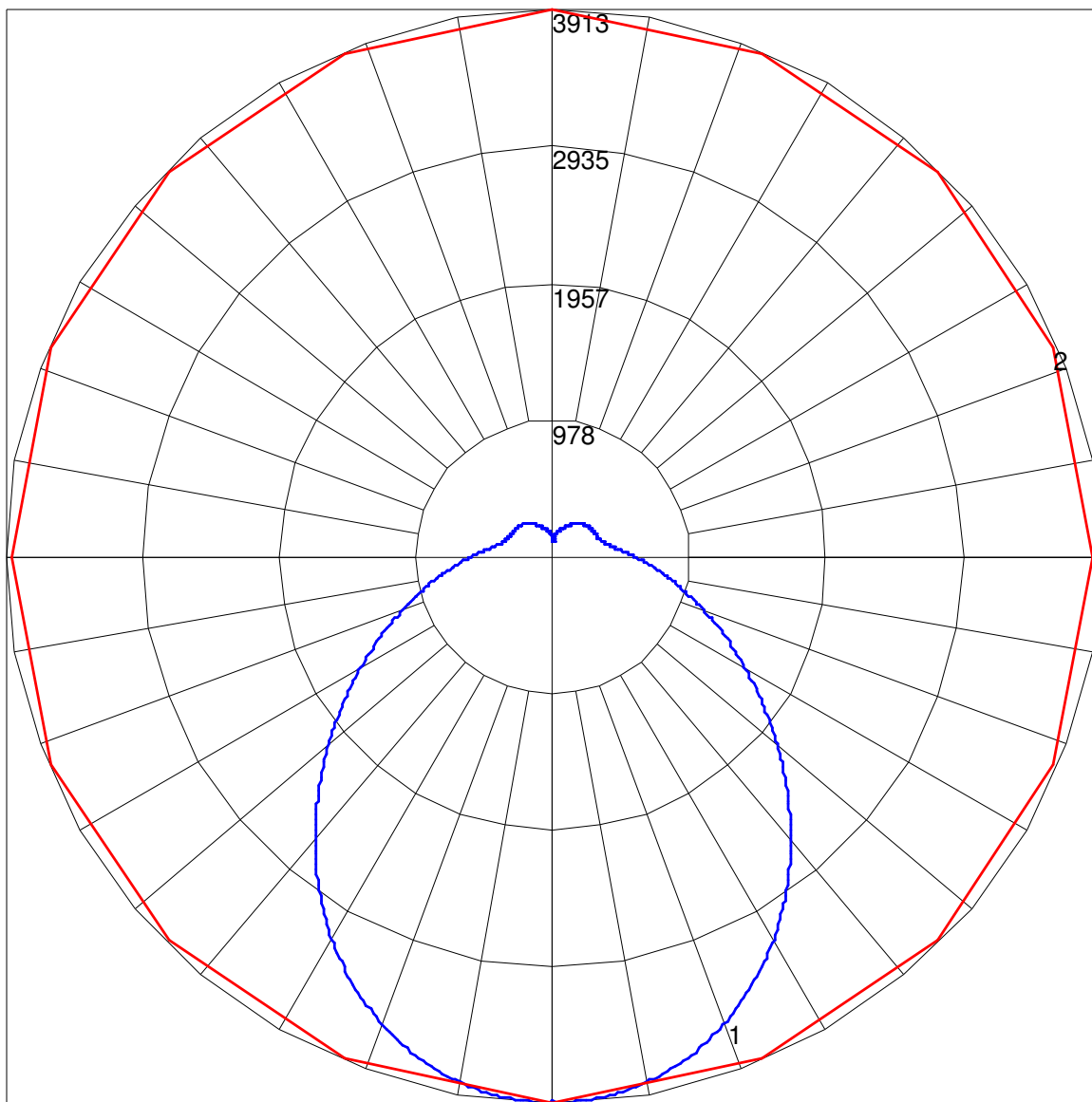
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-827-HE-DIM-UNV_.IES

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	18.0	19.4	18.5	19.9	20.5	19.7	21.1	20.3	21.6	22.2
	3H	19.4	20.6	19.9	21.2	21.8	21.9	23.2	22.5	23.7	24.4
	4H	19.8	21.0	20.4	21.5	22.2	23.0	24.2	23.6	24.7	25.4
	6H	20.1	21.2	20.7	21.8	22.5	24.1	25.2	24.7	25.8	26.5
	8H	20.2	21.2	20.8	21.8	22.5	24.8	25.8	25.4	26.4	27.1
	12H	20.2	21.2	20.8	21.8	22.5	25.5	26.4	26.1	27.1	27.8
4H	2H	18.7	19.9	19.3	20.5	21.2	20.1	21.3	20.7	21.9	22.5
	3H	20.3	21.3	20.9	22.0	22.6	22.6	23.5	23.2	24.2	24.9
	4H	20.9	21.8	21.5	22.4	23.2	23.8	24.7	24.4	25.3	26.1
	6H	21.3	22.1	22.0	22.8	23.5	25.2	25.9	25.8	26.6	27.3
	8H	21.4	22.2	22.1	22.8	23.6	25.9	26.6	26.5	27.3	28.0
	12H	21.5	22.2	22.2	22.9	23.6	26.7	27.4	27.4	28.1	28.8
8H	4H	21.5	22.2	22.1	22.9	23.6	24.0	24.7	24.7	25.4	26.2
	6H	22.1	22.7	22.7	23.4	24.1	25.5	26.2	26.2	26.9	27.6
	8H	22.3	22.8	23.0	23.5	24.3	26.4	27.0	27.1	27.7	28.4
	12H	22.4	22.9	23.1	23.6	24.4	27.4	27.9	28.1	28.6	29.4
12H	4H	21.7	22.3	22.3	23.0	23.8	24.0	24.7	24.7	25.4	26.1
	6H	22.3	22.9	23.0	23.6	24.4	25.6	26.1	26.3	26.8	27.6
	8H	22.6	23.1	23.3	23.8	24.6	26.5	27.0	27.2	27.7	28.5

Maximum UGR = 29.4

POLAR GRAPH



Maximum Candela = 3913.049 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.)