

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-830-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-L130-830-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	12266
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	173
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	13568	12100	11901
55	11803	10382	10448
65	9997	8921	9312
75	8149	7834	8703
85	6400	7795	9196

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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	3969.884	3969.884	3969.884	3969.884	3969.884
0.5	3951.058	3966.119	3968.629	3967.374	3993.731
1.0	3951.058	3967.374	3967.374	3966.119	3992.476
1.5	3947.293	3967.374	3966.119	3964.864	3993.731
2.0	3946.037	3963.609	3966.119	3963.609	3989.966
2.5	3946.037	3963.609	3962.354	3962.354	3987.456
3.0	3942.272	3959.844	3959.844	3959.844	3984.946
3.5	3939.762	3956.078	3956.078	3957.333	3982.435
4.0	3937.252	3953.568	3953.568	3952.313	3979.925
4.5	3930.976	3949.803	3951.058	3949.803	3976.160
5.0	3927.211	3946.037	3946.037	3946.037	3972.395
5.5	3922.191	3941.017	3941.017	3942.272	3967.374
6.0	3919.680	3934.742	3935.997	3935.997	3962.354
6.5	3910.895	3929.721	3930.976	3930.976	3956.078
7.0	3905.874	3923.446	3924.701	3923.446	3951.058
7.5	3900.854	3915.915	3918.425	3918.425	3944.782
8.0	3894.578	3910.895	3910.895	3910.895	3935.997
8.5	3888.303	3902.109	3904.619	3904.619	3928.466
9.0	3878.262	3895.833	3897.088	3895.833	3919.680
9.5	3871.986	3887.048	3887.048	3887.048	3914.660
10.0	3861.946	3877.007	3877.007	3879.517	3904.619
10.5	3853.160	3868.221	3869.476	3869.476	3895.833
11.0	3844.374	3859.435	3860.691	3859.435	3885.793
11.5	3833.078	3849.395	3851.905	3849.395	3877.007
12.0	3823.038	3838.099	3840.609	3840.609	3865.711
12.5	3812.997	3826.803	3830.568	3828.058	3855.670
13.0	3801.701	3816.762	3819.272	3818.017	3844.374
13.5	3790.405	3804.211	3806.721	3806.721	3834.333
14.0	3776.599	3791.660	3794.170	3794.170	3820.527
14.5	3765.303	3779.109	3781.619	3781.619	3810.487
15.0	3754.007	3766.558	3767.813	3767.813	3795.425
15.5	3740.201	3751.497	3755.262	3755.262	3780.364
16.0	3725.140	3737.691	3741.456	3741.456	3767.813
16.5	3712.589	3722.629	3726.395	3727.650	3754.007
17.0	3695.017	3706.313	3711.334	3712.589	3738.946
17.5	3679.956	3691.252	3696.272	3697.527	3723.885
18.0	3666.150	3676.191	3679.956	3683.721	3710.078
18.5	3649.834	3661.130	3664.895	3667.405	3693.762
19.0	3633.517	3642.303	3648.579	3651.089	3676.191
19.5	3614.691	3627.242	3632.262	3637.283	3659.874
20.0	3594.609	3608.415	3614.691	3618.456	3642.303
20.5	3574.528	3592.099	3597.119	3602.140	3625.987
21.0	3558.211	3572.017	3575.783	3585.823	3608.415
21.5	3539.385	3553.191	3559.466	3564.487	3589.589
22.0	3519.303	3535.619	3541.895	3546.915	3573.272
22.5	3501.732	3513.028	3521.813	3529.344	3554.446
23.0	3480.395	3492.946	3501.732	3509.262	3534.364
23.5	3457.803	3471.609	3482.905	3490.436	3515.538
24.0	3435.211	3450.273	3461.568	3470.354	3495.456
24.5	3416.385	3428.936	3441.487	3449.017	3472.864
25.0	3395.048	3407.599	3421.405	3428.936	3452.783
25.5	3371.201	3386.262	3397.558	3408.854	3428.936
26.0	3348.609	3362.415	3377.477	3387.518	3410.109
26.5	3324.762	3338.569	3356.140	3364.926	3388.773

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27.0	3300.916	3313.467	3334.803	3346.099	3367.436
27.5	3273.303	3289.620	3310.956	3320.997	3346.099
28.0	3253.222	3265.773	3287.109	3298.405	3322.252
28.5	3226.865	3241.926	3263.263	3274.558	3298.405
29.0	3201.763	3216.824	3238.160	3251.967	3275.814
29.5	3175.405	3190.467	3213.058	3226.865	3250.712
30.0	3149.048	3165.365	3187.956	3205.528	3229.375
30.5	3121.436	3137.752	3164.110	3181.681	3204.273
31.0	3095.079	3111.395	3137.752	3156.579	3177.916
31.5	3067.467	3086.293	3112.650	3132.732	3155.324
32.0	3041.110	3057.426	3087.548	3106.375	3128.967
32.5	3012.242	3029.814	3061.191	3081.273	3103.865
33.0	2984.630	3003.457	3032.324	3056.171	3078.763
33.5	2958.273	2975.844	3007.222	3028.559	3052.406
34.0	2926.895	2946.977	2979.610	3003.457	3028.559
34.5	2898.028	2919.365	2953.253	2975.844	3000.946
35.0	2871.671	2889.242	2926.895	2950.742	2974.589
35.5	2837.783	2861.630	2898.028	2923.130	2946.977
36.0	2811.426	2831.508	2870.416	2895.518	2920.620
36.5	2778.794	2801.385	2841.549	2869.161	2895.518
37.0	2748.671	2772.518	2812.681	2840.293	2869.161
37.5	2717.294	2741.141	2785.069	2815.191	2840.293
38.0	2685.916	2711.018	2754.947	2786.324	2810.171
38.5	2653.283	2679.641	2726.079	2759.967	2782.559
39.0	2624.416	2648.263	2695.957	2731.100	2759.967
39.5	2591.783	2619.396	2667.090	2702.232	2729.845
40.0	2556.641	2586.763	2636.967	2675.875	2700.977
40.5	2524.008	2555.386	2608.100	2648.263	2673.365
41.0	2493.886	2524.008	2577.977	2619.396	2644.498
41.5	2461.253	2492.631	2547.855	2590.528	2616.886
42.0	2428.620	2461.253	2517.733	2562.916	2589.273
42.5	2397.243	2428.620	2486.355	2534.049	2560.406
43.0	2362.100	2397.243	2457.488	2506.437	2532.794
43.5	2331.978	2364.610	2426.110	2477.569	2505.182
44.0	2298.090	2331.978	2394.733	2449.957	2476.314
44.5	2266.712	2300.600	2363.355	2419.835	2447.447
45.0	2234.080	2267.967	2333.233	2393.478	2421.090
45.5	2201.447	2236.590	2303.110	2365.865	2393.478
46.0	2168.814	2203.957	2270.478	2335.743	2364.610
46.5	2136.182	2171.325	2242.865	2310.641	2336.998
47.0	2102.294	2139.947	2211.488	2280.518	2309.386
47.5	2069.661	2107.315	2180.110	2251.651	2280.518
48.0	2038.284	2074.682	2148.733	2225.294	2251.651
48.5	2003.141	2043.304	2119.866	2195.172	2224.039
49.0	1971.764	2009.417	2087.233	2166.304	2195.172
49.5	1939.131	1978.039	2057.110	2138.692	2167.559
50.0	1905.243	1945.406	2026.988	2108.570	2138.692
50.5	1873.866	1914.029	1995.611	2083.468	2112.335
51.0	1841.233	1881.396	1967.998	2054.600	2084.723
51.5	1809.856	1848.764	1936.621	2026.988	2057.110
52.0	1775.968	1817.386	1906.498	1998.121	2029.498
52.5	1743.335	1784.754	1877.631	1969.253	2003.141
53.0	1709.448	1753.376	1847.509	1944.151	1974.274
53.5	1676.815	1721.999	1818.641	1915.284	1947.917
54.0	1645.437	1690.621	1789.774	1887.672	1921.560
54.5	1615.315	1657.988	1760.907	1862.570	1895.202

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55.0	1583.937	1627.866	1732.039	1833.703	1871.356
55.5	1557.580	1596.488	1703.172	1807.345	1842.488
56.0	1527.458	1568.876	1675.560	1780.988	1816.131
56.5	1496.080	1540.009	1646.692	1754.631	1791.029
57.0	1465.958	1511.142	1619.080	1728.274	1764.672
57.5	1434.580	1481.019	1595.233	1703.172	1735.805
58.0	1403.203	1450.897	1567.621	1675.560	1714.468
58.5	1373.080	1420.774	1540.009	1651.713	1689.366
59.0	1342.958	1390.652	1513.652	1630.376	1663.009
59.5	1312.836	1361.785	1489.805	1604.019	1642.927
60.0	1282.713	1331.662	1463.448	1578.917	1617.825
60.5	1253.218	1302.795	1437.091	1555.070	1592.723
61.0	1223.598	1273.927	1410.733	1531.223	1568.876
61.5	1194.229	1245.311	1384.376	1507.376	1546.284
62.0	1165.361	1216.946	1359.274	1484.784	1522.437
62.5	1136.870	1188.832	1332.917	1462.193	1499.846
63.0	1108.003	1160.843	1307.815	1438.346	1479.764
63.5	1079.387	1133.231	1283.968	1415.754	1457.172
64.0	1051.524	1105.995	1258.866	1391.907	1434.580
64.5	1023.786	1079.387	1235.019	1369.315	1411.989
65.0	996.299	1052.653	1211.047	1346.723	1390.652
65.5	969.189	1026.547	1187.326	1324.132	1368.060
66.0	941.702	1000.441	1163.855	1301.540	1346.723
66.5	914.843	974.962	1140.510	1280.203	1325.387
67.0	888.611	949.735	1117.291	1257.611	1304.050
67.5	862.254	924.884	1094.574	1236.525	1282.713
68.0	836.274	900.660	1071.982	1215.189	1262.632
68.5	810.670	876.563	1049.892	1194.480	1241.671
69.0	785.191	852.716	1028.053	1173.645	1221.841
69.5	760.089	829.371	1006.465	1153.438	1202.136
70.0	735.113	806.402	985.254	1133.607	1182.556
70.5	710.764	783.685	964.043	1113.777	1163.228
71.0	686.666	761.219	943.208	1094.197	1144.150
71.5	662.819	739.254	922.876	1075.119	1125.324
72.0	639.474	717.165	902.543	1056.167	1106.999
72.5	616.004	695.828	882.713	1037.592	1088.800
73.0	593.161	674.617	863.007	1019.267	1070.476
73.5	570.945	653.657	843.930	1001.069	1052.653
74.0	548.981	633.324	824.601	983.497	1034.705
74.5	527.393	612.866	806.151	966.051	1017.761
75.0	505.931	592.910	787.827	948.982	1001.320
75.5	484.846	573.456	769.753	932.038	984.627
76.0	464.387	554.378	752.182	915.220	968.310
76.5	444.055	535.552	734.736	898.778	951.994
77.0	423.973	516.851	717.541	882.461	936.180
77.5	404.268	498.652	700.597	866.647	920.491
78.0	384.814	480.829	684.156	851.084	905.053
78.5	365.736	463.258	667.839	835.395	889.741
79.0	347.035	446.188	652.025	820.208	874.680
79.5	328.460	429.245	636.462	805.398	859.619
80.0	310.135	412.552	620.898	790.714	845.311
80.5	292.313	396.361	605.837	775.903	830.751
81.0	274.993	380.421	591.404	761.595	816.569
81.5	257.421	364.858	576.970	747.413	802.386
82.0	240.477	349.671	562.913	733.732	788.705
82.5	223.910	334.735	549.107	720.051	775.276

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83.0	207.594	320.176	535.552	706.873	762.223
83.5	191.403	305.994	522.624	693.443	748.668
84.0	175.589	292.188	510.073	680.767	735.740
84.5	159.900	278.883	497.773	668.216	723.064
85.0	144.839	265.956	485.724	655.790	710.387
85.5	129.777	253.656	473.926	643.741	698.087
86.0	114.967	241.858	462.379	631.943	685.913
86.5	100.283	230.813	451.460	620.145	673.738
87.0	85.849	220.145	440.415	608.975	661.815
87.5	71.415	210.229	429.998	597.679	650.393
88.0	57.107	200.565	419.706	586.760	638.846
88.5	42.673	191.528	409.790	575.966	627.676
89.0	29.495	182.994	400.377	565.548	616.631
89.5	18.701	175.087	391.215	555.508	605.837
90.0	11.170	168.058	382.806	545.969	595.922
90.5	7.907	161.908	375.024	536.430	585.379
91.0	8.409	156.260	367.117	526.766	575.338
91.5	10.041	150.863	359.210	517.604	565.297
92.0	11.923	146.345	351.679	508.316	555.508
92.5	13.932	142.454	345.278	499.405	545.843
93.0	15.940	139.065	338.626	490.995	536.556
93.5	18.073	136.429	332.351	482.712	527.770
94.0	20.333	134.170	326.452	474.930	519.235
94.5	22.466	132.539	320.929	467.023	510.450
95.0	24.600	131.284	315.783	459.241	502.040
95.5	26.608	130.405	311.014	451.836	493.757
96.0	28.240	130.028	306.872	444.682	485.599
96.5	29.871	130.028	302.730	438.030	478.068
97.0	31.378	130.154	298.965	431.629	470.537
97.5	33.009	130.656	295.451	425.479	463.634
98.0	34.390	131.158	292.313	419.455	456.606
98.5	36.021	131.786	289.677	413.681	450.079
99.0	37.653	132.539	286.916	408.284	443.678
99.5	39.410	133.417	284.531	403.138	437.403
100.0	40.916	134.296	282.649	398.369	431.755
100.5	42.673	135.300	280.766	393.725	425.981
101.0	44.180	136.304	279.385	389.332	420.835
101.5	45.686	137.308	278.005	385.190	415.564
102.0	47.066	138.312	277.001	381.300	410.920
102.5	48.447	139.316	275.997	377.660	406.276
103.0	49.828	140.446	275.244	374.020	402.134
103.5	51.334	141.575	274.616	370.882	397.867
104.0	52.965	142.579	273.989	367.996	393.976
104.5	54.597	143.709	273.612	365.234	390.336
105.0	56.103	144.839	273.235	362.724	386.822
105.5	57.484	145.843	272.859	360.088	383.810
106.0	59.115	147.098	272.733	357.829	380.798
106.5	60.621	148.227	272.733	355.696	377.785
107.0	62.127	149.483	272.733	353.687	375.275
107.5	63.508	150.487	272.733	352.181	372.639
108.0	65.265	151.742	272.733	350.424	370.004
108.5	66.897	152.997	272.859	349.169	368.247
109.0	68.529	154.001	273.110	347.537	366.489
109.5	70.286	155.130	273.235	346.408	364.607
110.0	72.043	156.260	273.487	345.153	363.101
110.5	73.800	157.390	273.738	344.023	361.720

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CANDELA TABULATION - (Cont.)

111.0	75.557	158.519	273.863	343.019	360.214
111.5	77.314	159.523	273.989	342.266	358.959
112.0	79.197	160.653	274.240	341.513	357.453
112.5	81.080	161.783	274.491	340.634	356.072
113.0	83.088	162.912	274.867	340.007	355.445
113.5	84.970	163.916	274.867	339.379	354.566
114.0	86.978	164.920	275.118	338.877	353.687
114.5	88.861	166.050	275.369	338.250	352.934
115.0	90.869	166.928	275.620	337.873	352.307
115.5	92.877	168.058	275.620	337.497	351.679
116.0	94.760	169.062	275.997	336.995	350.926
116.5	96.517	170.066	276.248	336.493	350.675
117.0	98.525	171.196	276.499	336.493	350.048
117.5	100.408	172.074	276.750	335.991	349.671
118.0	102.040	172.953	277.001	335.740	349.169
118.5	103.922	173.831	277.126	335.363	349.044
119.0	105.554	174.710	277.377	334.986	348.291
119.5	107.311	175.338	277.628	334.610	348.165
120.0	108.943	175.965	277.503	334.359	347.537
120.5	110.574	176.718	277.628	333.857	347.412
121.0	112.206	177.220	277.879	333.480	346.910
121.5	113.963	177.848	277.754	332.978	346.659
122.0	115.595	178.601	277.754	332.727	346.282
122.5	117.226	179.354	277.879	332.225	345.404
123.0	118.858	180.107	277.754	331.723	345.278
123.5	120.364	180.735	277.503	331.347	344.525
124.0	121.619	181.237	277.503	330.970	344.400
124.5	122.874	181.739	277.503	330.343	343.898
125.0	124.129	182.366	277.252	329.715	343.396
125.5	125.385	182.743	277.001	329.338	342.768
126.0	126.514	183.245	276.875	328.585	342.266
126.5	127.518	183.872	276.624	328.083	341.890
127.0	128.648	184.123	276.373	327.456	341.387
127.5	129.526	184.500	275.997	326.828	340.509
128.0	130.656	184.500	275.871	326.075	340.007
128.5	131.535	184.751	275.369	325.448	339.505
129.0	132.413	185.002	274.867	324.820	338.877
129.5	133.166	185.378	273.989	323.816	338.124
130.0	133.794	185.629	273.110	323.188	337.371
130.5	134.421	185.880	272.106	322.435	336.493
131.0	134.798	186.257	271.102	321.306	335.614
131.5	135.300	186.634	270.098	320.302	334.735
132.0	135.802	187.010	268.968	319.674	333.982
132.5	136.053	187.136	267.713	318.419	332.853
133.0	136.429	187.261	267.211	317.290	331.472
133.5	136.555	187.136	266.458	316.411	330.845
134.0	136.680	186.885	265.956	315.407	329.966
134.5	137.057	186.382	265.328	314.277	328.334
135.0	137.434	186.006	264.575	312.771	327.079
135.5	137.308	185.002	263.948	311.767	326.075
136.0	137.559	184.876	263.069	310.512	324.820
136.5	137.810	184.500	262.442	309.131	323.565
137.0	137.936	183.872	261.438	308.002	322.184
137.5	138.061	183.245	260.559	306.496	320.929
138.0	138.312	182.868	259.304	305.241	319.423
138.5	138.312	182.366	257.672	303.860	318.294

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	138.187	181.990	255.790	302.228	316.536
139.5	138.187	181.488	253.530	300.471	315.281
140.0	138.187	180.860	251.020	298.840	313.524
140.5	138.187	180.484	248.761	296.831	311.642
141.0	138.187	180.232	246.251	294.698	310.135
141.5	138.187	179.730	243.741	292.815	308.629
142.0	138.061	179.479	241.356	290.430	306.998
142.5	137.936	179.103	238.846	288.297	305.115
143.0	137.810	178.726	236.461	286.289	303.232
143.5	137.810	178.224	233.700	284.155	301.475
144.0	137.810	177.597	231.315	282.523	299.467
144.5	138.187	177.095	228.930	280.641	297.710
145.0	138.689	176.593	226.295	279.009	295.702
145.5	139.567	175.965	223.910	277.377	293.694
146.0	140.697	175.463	221.651	275.620	291.811
146.5	141.826	174.961	219.768	273.738	289.677
147.0	142.956	174.334	217.635	271.855	287.544
147.5	143.960	174.083	216.003	269.972	285.410
148.0	145.090	173.580	214.246	267.839	283.151
148.5	146.094	173.455	212.865	265.830	280.892
149.0	147.349	173.455	211.359	263.822	278.883
149.5	148.227	173.831	209.978	261.689	276.373
150.0	149.232	174.083	208.598	259.680	273.738
150.5	150.110	174.208	207.092	257.421	270.976
151.0	150.738	174.585	205.083	255.162	267.713
151.5	151.365	174.710	202.950	252.777	264.701
152.0	152.118	174.961	200.942	250.267	261.689
152.5	152.871	175.212	199.059	247.631	258.425
153.0	153.373	175.338	197.051	244.619	255.790
153.5	154.001	175.714	194.917	241.481	252.777
154.0	154.503	175.589	193.035	237.967	250.267
154.5	155.130	175.714	191.403	234.578	247.757
155.0	155.381	175.965	189.771	230.688	245.874
155.5	155.884	176.091	188.140	227.048	243.866
156.0	156.260	176.091	187.010	223.157	242.109
156.5	156.888	176.091	185.880	219.266	239.850
157.0	157.139	176.342	184.751	215.752	237.716
157.5	157.515	176.342	183.998	212.363	235.331
158.0	158.017	176.216	183.621	208.849	233.072
158.5	158.143	176.216	183.119	205.962	230.437
159.0	158.770	175.840	182.743	203.201	228.177
159.5	159.272	175.589	182.115	200.565	225.667
160.0	159.900	175.338	181.488	198.431	223.157
160.5	160.653	175.212	180.986	196.423	220.772
161.0	161.155	174.836	180.860	194.290	218.388
161.5	161.908	174.710	180.609	192.156	216.630
162.0	162.536	174.459	180.986	190.399	215.124
162.5	163.163	174.459	181.237	188.516	213.367
163.0	163.916	174.334	181.362	186.508	211.861
163.5	164.544	174.334	181.613	184.374	209.978
164.0	164.795	174.334	181.864	181.739	208.221
164.5	165.171	174.083	181.613	179.730	205.962
165.0	165.548	174.083	181.237	177.722	203.703
165.5	165.924	173.957	180.860	176.342	201.318
166.0	166.301	173.831	180.609	174.836	197.678
166.5	166.677	173.831	180.232	173.580	195.921

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	167.179	173.831	179.856	172.451	194.541
167.5	167.430	173.831	179.103	171.447	193.160
168.0	167.807	173.831	178.475	170.443	192.030
168.5	168.560	173.329	177.597	169.564	190.650
169.0	168.937	173.455	176.969	168.686	189.269
169.5	169.564	173.078	175.965	167.681	187.763
170.0	169.815	172.953	175.087	166.426	186.382
170.5	170.192	172.702	173.957	165.046	184.876
171.0	170.443	172.451	172.702	163.540	182.994
171.5	170.819	172.451	171.572	162.159	181.488
172.0	171.447	172.200	170.945	160.778	179.228
172.5	171.823	172.200	170.192	159.272	176.718
173.0	172.325	171.949	169.564	157.892	172.451
173.5	172.953	172.074	169.313	156.511	166.050
174.0	173.455	172.074	169.188	155.381	158.143
174.5	173.831	172.074	168.937	154.252	148.729
175.0	174.585	172.451	168.811	153.373	138.061
175.5	174.836	172.576	168.686	152.997	126.891
176.0	175.338	172.827	168.686	152.620	119.611
176.5	175.463	172.953	168.560	152.620	114.465
177.0	175.965	173.204	168.309	152.244	109.194
177.5	176.091	173.204	167.933	152.118	108.064
178.0	176.593	173.455	167.807	151.993	108.315
178.5	176.844	173.580	167.933	151.742	108.566
179.0	177.095	173.580	167.807	151.365	108.692
179.5	177.346	173.580	167.681	151.240	108.817
180.0	159.021	159.021	159.021	159.021	159.021

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1436.93	N.A.	11.70
0-30	3010.86	N.A.	24.50
0-40	4836.53	N.A.	39.40
0-60	8185.2	N.A.	66.70
0-80	10197.29	N.A.	83.10
0-90	10703.33	N.A.	87.30
10-90	10328.72	N.A.	84.20
20-40	3399.6	N.A.	27.70
20-50	5197.43	N.A.	42.40
40-70	4541.51	N.A.	37.00
60-80	2012.1	N.A.	16.40
70-80	819.25	N.A.	6.70
80-90	506.04	N.A.	4.10
90-110	591.06	N.A.	4.80
90-120	839.88	N.A.	6.80
90-130	1068.89	N.A.	8.70
90-150	1403.26	N.A.	11.40
90-180	1563.1	N.A.	12.70
110-180	972.05	N.A.	7.90
0-180	12266.43	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	374.61
10-20	1062.32
20-30	1573.93
30-40	1825.67
40-50	1797.84
50-60	1550.83
60-70	1192.84
70-80	819.25
80-90	506.04
90-100	324.22
100-110	266.83
110-120	248.83
120-130	229.01
130-140	192.44
140-150	141.92
150-160	92.79
160-170	51.13
170-180	15.93

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-830-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

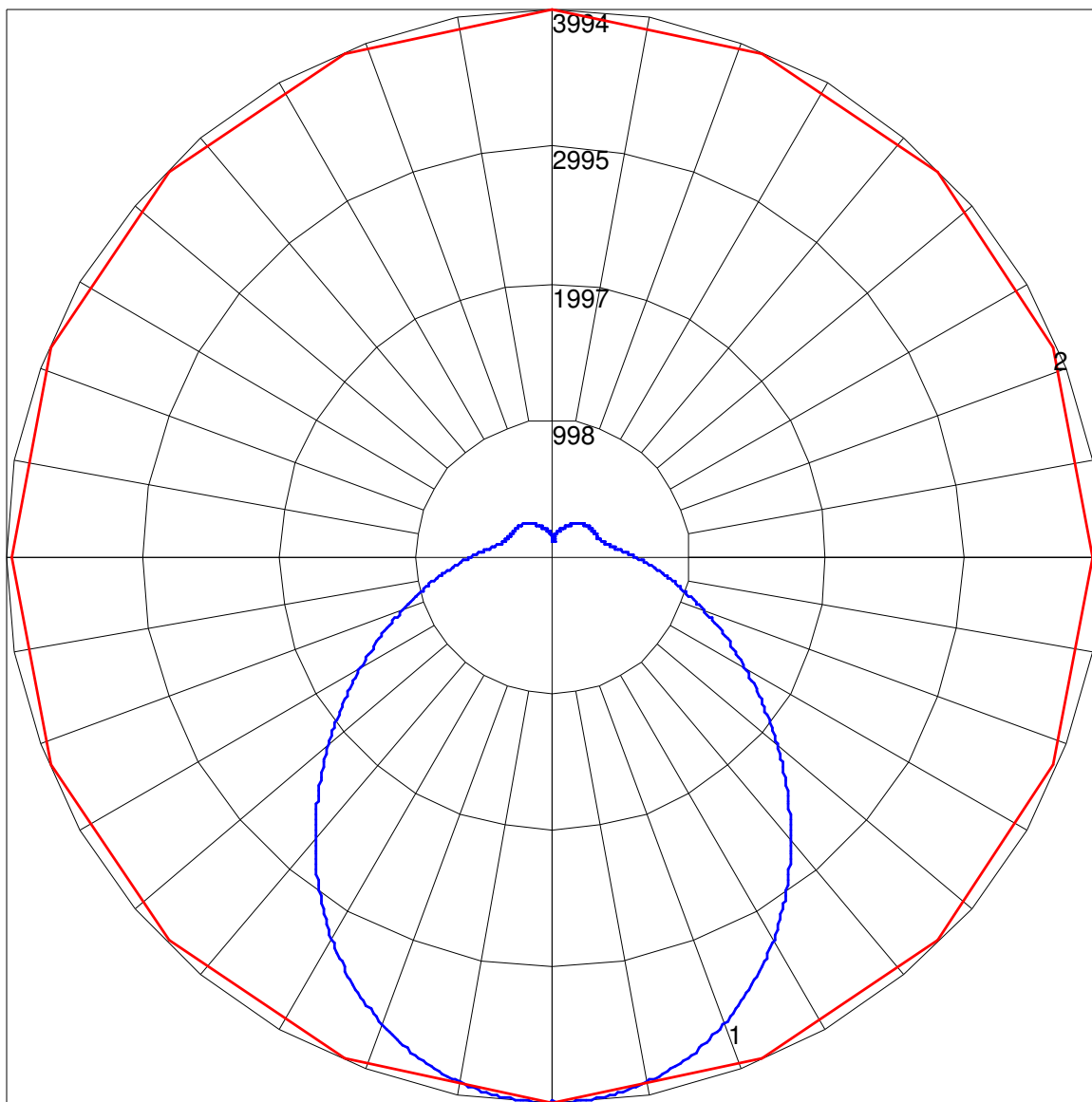
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-8-L130-830-HE-DIM-UNV_.IES

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	18.1	19.5	18.6	20.0	20.6	19.8	21.2	20.4	21.7	22.3
	3H	19.5	20.7	20.0	21.3	21.9	22.0	23.3	22.6	23.8	24.5
	4H	19.9	21.1	20.5	21.6	22.3	23.1	24.3	23.7	24.8	25.5
	6H	20.2	21.3	20.8	21.9	22.6	24.2	25.3	24.8	25.9	26.6
	8H	20.3	21.3	20.9	21.9	22.6	24.8	25.9	25.5	26.5	27.2
	12H	20.3	21.3	20.9	21.9	22.6	25.6	26.5	26.2	27.2	27.9
4H	2H	18.8	20.0	19.4	20.6	21.3	20.2	21.4	20.8	22.0	22.6
	3H	20.4	21.4	21.0	22.0	22.7	22.7	23.6	23.3	24.3	25.0
	4H	21.0	21.9	21.6	22.5	23.3	23.9	24.8	24.5	25.4	26.2
	6H	21.4	22.2	22.1	22.9	23.6	25.3	26.0	25.9	26.7	27.4
	8H	21.5	22.3	22.2	22.9	23.7	26.0	26.7	26.6	27.4	28.1
	12H	21.6	22.3	22.3	23.0	23.7	26.8	27.5	27.5	28.2	28.9
8H	4H	21.6	22.3	22.2	23.0	23.7	24.1	24.8	24.8	25.5	26.3
	6H	22.2	22.8	22.8	23.5	24.2	25.6	26.3	26.3	27.0	27.7
	8H	22.4	22.9	23.1	23.6	24.4	26.5	27.1	27.2	27.8	28.5
	12H	22.5	23.0	23.2	23.7	24.5	27.5	28.0	28.2	28.7	29.5
12H	4H	21.8	22.4	22.4	23.1	23.9	24.1	24.8	24.8	25.5	26.2
	6H	22.4	23.0	23.1	23.7	24.5	25.7	26.2	26.4	26.9	27.7
	8H	22.7	23.2	23.4	23.9	24.7	26.6	27.1	27.3	27.8	28.6

Maximum UGR = 29.5

POLAR GRAPH



Maximum Candela = 3993.731 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.)