

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-8-L130-850-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-L130-850-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	13134
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	186
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	14527	12956	12743
55	12638	11116	11187
65	10704	9551	9970
75	8725	8388	9319
85	6852	8346	9846

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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	4250.582	4250.582	4250.582	4250.582	4250.582
0.5	4230.424	4246.550	4249.238	4247.894	4276.115
1.0	4230.424	4247.894	4247.894	4246.550	4274.771
1.5	4226.393	4247.894	4246.550	4245.206	4276.115
2.0	4225.049	4243.863	4246.550	4243.863	4272.083
2.5	4225.049	4243.863	4242.519	4242.519	4269.396
3.0	4221.017	4239.831	4239.831	4239.831	4266.708
3.5	4218.329	4235.799	4235.799	4237.143	4264.020
4.0	4215.642	4233.112	4233.112	4231.768	4261.333
4.5	4208.923	4229.080	4230.424	4229.080	4257.301
5.0	4204.891	4225.049	4225.049	4225.049	4253.269
5.5	4199.516	4219.673	4219.673	4221.017	4247.894
6.0	4196.828	4212.954	4214.298	4214.298	4242.519
6.5	4187.421	4207.579	4208.923	4208.923	4235.799
7.0	4182.046	4200.860	4202.203	4200.860	4230.424
7.5	4176.670	4192.796	4195.484	4195.484	4223.705
8.0	4169.951	4187.421	4187.421	4187.421	4214.298
8.5	4163.232	4178.014	4180.702	4180.702	4206.235
9.0	4152.481	4171.295	4172.639	4171.295	4196.828
9.5	4145.762	4161.888	4161.888	4161.888	4191.453
10.0	4135.011	4151.137	4151.137	4153.825	4180.702
10.5	4125.604	4141.730	4143.074	4143.074	4171.295
11.0	4116.197	4132.323	4133.667	4132.323	4160.544
11.5	4104.103	4121.573	4124.260	4121.573	4151.137
12.0	4093.352	4109.478	4112.166	4112.166	4139.043
12.5	4082.601	4097.383	4101.415	4098.727	4128.292
13.0	4070.507	4086.633	4089.320	4087.977	4116.197
13.5	4058.412	4073.194	4075.882	4075.882	4105.447
14.0	4043.630	4059.756	4062.443	4062.443	4090.664
14.5	4031.535	4046.317	4049.005	4049.005	4079.913
15.0	4019.440	4032.879	4034.223	4034.223	4063.787
15.5	4004.658	4016.753	4020.784	4020.784	4047.661
16.0	3988.532	4001.970	4006.002	4006.002	4034.223
16.5	3975.094	3985.844	3989.876	3991.220	4019.440
17.0	3956.280	3968.374	3973.750	3975.094	4003.314
17.5	3940.154	3952.248	3957.624	3958.967	3987.188
18.0	3925.371	3936.122	3940.154	3944.185	3972.406
18.5	3907.901	3919.996	3924.027	3926.715	3954.936
19.0	3890.431	3899.838	3906.557	3909.245	3936.122
19.5	3870.274	3883.712	3889.087	3894.463	3918.652
20.0	3848.772	3863.554	3870.274	3874.305	3899.838
20.5	3827.271	3846.084	3851.460	3856.835	3882.368
21.0	3809.801	3824.583	3828.614	3839.365	3863.554
21.5	3789.643	3804.425	3811.144	3816.520	3843.397
22.0	3768.141	3785.611	3792.331	3797.706	3825.927
22.5	3749.328	3761.422	3770.829	3778.892	3805.769
23.0	3726.482	3739.921	3749.328	3757.391	3784.268
23.5	3702.293	3717.075	3729.170	3737.233	3764.110
24.0	3678.104	3694.230	3706.325	3715.731	3742.608
24.5	3657.946	3671.385	3684.823	3692.886	3718.419
25.0	3635.101	3648.539	3663.321	3671.385	3696.918
25.5	3609.568	3625.694	3637.788	3649.883	3671.385
26.0	3585.378	3600.161	3616.287	3627.038	3651.227
26.5	3559.845	3574.628	3593.442	3602.848	3628.382

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CANDELA TABULATION - (Cont.)

27.0	3534.312	3547.751	3570.596	3582.691	3605.536
27.5	3504.748	3522.218	3545.063	3555.814	3582.691
28.0	3483.246	3496.685	3519.530	3531.625	3557.158
28.5	3455.026	3471.152	3493.997	3506.092	3531.625
29.0	3428.149	3444.275	3467.120	3481.902	3507.435
29.5	3399.928	3416.054	3440.243	3455.026	3480.559
30.0	3371.707	3389.177	3413.366	3432.180	3457.713
30.5	3342.143	3359.613	3387.833	3406.647	3430.836
31.0	3313.922	3331.392	3359.613	3379.770	3402.616
31.5	3284.357	3304.515	3332.736	3354.237	3378.426
32.0	3256.136	3273.606	3305.859	3326.016	3350.206
32.5	3225.228	3244.042	3277.638	3299.139	3323.329
33.0	3195.663	3215.821	3246.730	3272.263	3296.452
33.5	3167.443	3186.257	3219.853	3242.698	3268.231
34.0	3133.847	3155.348	3190.288	3215.821	3242.698
34.5	3102.938	3125.783	3162.067	3186.257	3213.133
35.0	3074.717	3093.531	3133.847	3159.380	3184.913
35.5	3038.434	3063.967	3102.938	3129.815	3155.348
36.0	3010.213	3031.714	3073.374	3100.250	3127.127
36.5	2975.273	2999.462	3042.465	3072.030	3100.250
37.0	2943.021	2968.554	3011.557	3041.121	3072.030
37.5	2909.424	2934.958	2981.992	3014.244	3041.121
38.0	2875.828	2902.705	2949.740	2983.336	3008.869
38.5	2840.888	2869.109	2918.831	2955.115	2979.304
39.0	2809.980	2835.513	2886.579	2924.207	2955.115
39.5	2775.040	2804.605	2855.671	2893.298	2922.863
40.0	2737.412	2769.665	2823.418	2865.078	2891.954
40.5	2702.472	2736.068	2792.510	2835.513	2862.390
41.0	2670.220	2702.472	2760.258	2804.605	2831.481
41.5	2635.280	2668.876	2728.005	2773.696	2801.917
42.0	2600.340	2635.280	2695.753	2744.132	2772.352
42.5	2566.744	2600.340	2662.157	2713.223	2741.444
43.0	2529.116	2566.744	2631.249	2683.658	2711.879
43.5	2496.864	2531.804	2597.652	2652.750	2682.315
44.0	2460.580	2496.864	2564.056	2623.185	2651.406
44.5	2426.984	2463.268	2530.460	2590.933	2620.498
45.0	2392.044	2428.328	2498.208	2562.712	2592.277
45.5	2357.104	2394.732	2465.956	2533.148	2562.712
46.0	2322.164	2359.792	2431.016	2500.896	2531.804
46.5	2287.224	2324.852	2401.451	2474.019	2502.239
47.0	2250.940	2291.256	2367.855	2441.766	2472.675
47.5	2216.000	2256.316	2334.259	2410.858	2441.766
48.0	2182.404	2221.376	2300.663	2382.637	2410.858
48.5	2144.777	2187.780	2269.754	2350.385	2381.293
49.0	2111.181	2151.496	2234.814	2319.476	2350.385
49.5	2076.241	2117.900	2202.562	2289.912	2320.820
50.0	2039.957	2082.960	2170.310	2257.660	2289.912
50.5	2006.361	2049.364	2136.714	2230.783	2261.691
51.0	1971.421	2014.424	2107.149	2199.874	2232.127
51.5	1937.825	1979.484	2073.553	2170.310	2202.562
52.0	1901.541	1945.888	2041.301	2139.401	2172.997
52.5	1866.601	1910.948	2010.392	2108.493	2144.777
53.0	1830.317	1877.351	1978.140	2081.616	2113.868
53.5	1795.377	1843.755	1947.231	2050.707	2085.647
54.0	1761.781	1810.159	1916.323	2021.143	2057.427
54.5	1729.529	1775.219	1885.415	1994.266	2029.206

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55.0	1695.932	1742.967	1854.506	1963.358	2003.673
55.5	1667.712	1709.371	1823.598	1935.137	1972.764
56.0	1635.459	1679.806	1794.033	1906.916	1944.544
56.5	1601.863	1648.898	1763.125	1878.695	1917.667
57.0	1569.611	1617.989	1733.560	1850.475	1889.446
57.5	1536.015	1585.737	1708.027	1823.598	1858.538
58.0	1502.419	1553.485	1678.462	1794.033	1835.692
58.5	1470.166	1521.233	1648.898	1768.500	1808.815
59.0	1437.914	1488.980	1620.677	1745.655	1780.595
59.5	1405.662	1458.072	1595.144	1717.434	1759.093
60.0	1373.410	1425.820	1566.923	1690.557	1732.216
60.5	1341.829	1394.911	1538.703	1665.024	1705.339
61.0	1310.115	1364.003	1510.482	1639.491	1679.806
61.5	1278.669	1333.363	1482.261	1613.958	1655.617
62.0	1247.760	1302.992	1455.384	1589.769	1630.084
62.5	1217.255	1272.890	1427.163	1565.579	1605.895
63.0	1186.346	1242.922	1400.287	1540.046	1584.393
63.5	1155.707	1213.358	1374.753	1515.857	1560.204
64.0	1125.873	1184.196	1347.877	1490.324	1536.015
64.5	1096.174	1155.707	1322.343	1466.135	1511.826
65.0	1066.744	1127.083	1296.676	1441.946	1488.980
65.5	1037.717	1099.131	1271.277	1417.756	1464.791
66.0	1008.287	1071.179	1246.147	1393.567	1441.946
66.5	979.529	1043.899	1221.152	1370.722	1419.100
67.0	951.442	1016.888	1196.291	1346.533	1396.255
67.5	923.222	990.279	1171.967	1323.956	1373.410
68.0	895.404	964.343	1147.778	1301.111	1351.908
68.5	867.989	938.541	1124.126	1278.937	1329.466
69.0	840.709	913.008	1100.743	1256.629	1308.233
69.5	813.833	888.013	1077.629	1234.994	1287.135
70.0	787.090	863.420	1054.918	1213.761	1266.171
70.5	761.019	839.097	1032.207	1192.528	1245.476
71.0	735.218	815.042	1009.900	1171.564	1225.049
71.5	709.685	791.525	988.129	1151.138	1204.891
72.0	684.689	767.873	966.359	1130.846	1185.271
72.5	659.559	745.028	945.126	1110.957	1165.786
73.0	635.101	722.317	924.028	1091.337	1146.165
73.5	611.315	699.874	903.601	1071.851	1127.083
74.0	587.798	678.104	882.906	1053.037	1107.866
74.5	564.684	656.200	863.152	1034.358	1089.724
75.0	541.704	634.832	843.532	1016.081	1072.120
75.5	519.127	614.003	824.180	997.939	1054.246
76.0	497.223	593.576	805.366	979.932	1036.776
76.5	475.452	573.419	786.687	962.327	1019.306
77.0	453.951	553.395	768.276	944.857	1002.374
77.5	432.852	533.910	750.134	927.925	985.576
78.0	412.023	514.827	732.530	911.261	969.047
78.5	391.596	496.013	715.060	894.463	952.652
79.0	371.573	477.737	698.127	878.203	936.526
79.5	351.684	459.595	681.464	862.345	920.399
80.0	332.064	441.722	664.800	846.622	905.080
80.5	312.982	424.386	648.674	830.765	889.491
81.0	294.436	407.319	633.220	815.445	874.306
81.5	275.623	390.656	617.766	800.260	859.120
82.0	257.481	374.395	602.714	785.612	844.472
82.5	239.742	358.403	587.932	770.964	830.093

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83.0	222.272	342.815	573.419	756.854	816.117
83.5	204.936	327.629	559.577	742.474	801.604
84.0	188.004	312.847	546.139	728.902	787.762
84.5	171.206	298.602	532.969	715.463	774.189
85.0	155.080	284.761	520.068	702.159	760.616
85.5	138.954	271.591	507.436	689.258	747.447
86.0	123.096	258.959	495.073	676.626	734.411
86.5	107.373	247.133	483.381	663.994	721.376
87.0	91.919	235.710	471.555	652.034	708.609
87.5	76.465	225.094	460.401	639.939	696.380
88.0	61.145	214.746	449.382	628.248	684.017
88.5	45.691	205.071	438.765	616.690	672.057
89.0	31.580	195.933	428.687	605.537	660.231
89.5	20.023	187.466	418.876	594.786	648.674
90.0	11.960	179.941	409.873	584.573	638.058
90.5	8.466	173.356	401.541	574.359	626.769
91.0	9.004	167.309	393.075	564.012	616.019
91.5	10.751	161.530	384.608	554.202	605.268
92.0	12.767	156.692	376.545	544.257	594.786
92.5	14.917	152.526	369.692	534.716	584.438
93.0	17.067	148.898	362.569	525.712	574.494
93.5	19.351	146.076	355.850	516.843	565.087
94.0	21.770	143.657	349.534	508.511	555.949
94.5	24.055	141.910	343.621	500.045	546.542
95.0	26.339	140.566	338.111	491.713	537.538
95.5	28.490	139.625	333.005	483.784	528.669
96.0	30.237	139.222	328.570	476.124	519.934
96.5	31.984	139.222	324.135	469.002	511.871
97.0	33.596	139.357	320.104	462.148	503.807
97.5	35.343	139.894	316.341	455.563	496.416
98.0	36.821	140.432	312.982	449.113	488.891
98.5	38.568	141.104	310.159	442.931	481.903
99.0	40.315	141.910	307.203	437.153	475.049
99.5	42.197	142.851	304.650	431.643	468.330
100.0	43.809	143.791	302.634	426.536	462.283
100.5	45.691	144.866	300.618	421.564	456.101
101.0	47.303	145.942	299.140	416.861	450.591
101.5	48.916	147.017	297.662	412.426	444.947
102.0	50.394	148.092	296.587	408.260	439.975
102.5	51.872	149.167	295.512	404.363	435.003
103.0	53.351	150.376	294.705	400.466	430.568
103.5	54.963	151.586	294.033	397.106	425.999
104.0	56.710	152.661	293.361	394.015	421.833
104.5	58.457	153.870	292.958	391.059	417.936
105.0	60.070	155.080	292.555	388.371	414.173
105.5	61.548	156.155	292.152	385.549	410.948
106.0	63.295	157.499	292.018	383.130	407.723
106.5	64.908	158.708	292.018	380.846	404.497
107.0	66.520	160.052	292.018	378.696	401.810
107.5	67.999	161.127	292.018	377.083	398.988
108.0	69.880	162.471	292.018	375.202	396.166
108.5	71.627	163.815	292.152	373.858	394.284
109.0	73.374	164.890	292.421	372.111	392.403
109.5	75.255	166.099	292.555	370.901	390.387
110.0	77.137	167.309	292.824	369.557	388.774
110.5	79.018	168.518	293.093	368.348	387.296

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CANDELA TABULATION - (Cont.)

111.0	80.899	169.728	293.227	367.273	385.684
111.5	82.781	170.803	293.361	366.467	384.340
112.0	84.797	172.012	293.630	365.660	382.727
112.5	86.812	173.222	293.899	364.720	381.249
113.0	88.963	174.431	294.302	364.048	380.577
113.5	90.978	175.506	294.302	363.376	379.636
114.0	93.128	176.581	294.571	362.838	378.696
114.5	95.144	177.791	294.840	362.166	377.889
115.0	97.294	178.731	295.108	361.763	377.217
115.5	99.445	179.941	295.108	361.360	376.545
116.0	101.460	181.016	295.512	360.822	375.739
116.5	103.342	182.091	295.780	360.285	375.470
117.0	105.492	183.300	296.049	360.285	374.798
117.5	107.508	184.241	296.318	359.747	374.395
118.0	109.255	185.182	296.587	359.479	373.858
118.5	111.270	186.123	296.721	359.075	373.723
119.0	113.017	187.063	296.990	358.672	372.917
119.5	114.899	187.735	297.259	358.269	372.783
120.0	116.646	188.407	297.124	358.000	372.111
120.5	118.393	189.213	297.259	357.463	371.976
121.0	120.140	189.751	297.527	357.060	371.439
121.5	122.021	190.423	297.393	356.522	371.170
122.0	123.768	191.229	297.393	356.253	370.767
122.5	125.515	192.035	297.527	355.716	369.826
123.0	127.262	192.842	297.393	355.178	369.692
123.5	128.875	193.514	297.124	354.775	368.885
124.0	130.219	194.051	297.124	354.372	368.751
124.5	131.562	194.589	297.124	353.700	368.214
125.0	132.906	195.261	296.855	353.028	367.676
125.5	134.250	195.664	296.587	352.625	367.004
126.0	135.460	196.201	296.452	351.819	366.467
126.5	136.535	196.873	296.183	351.281	366.063
127.0	137.744	197.142	295.915	350.609	365.526
127.5	138.685	197.545	295.512	349.937	364.585
128.0	139.894	197.545	295.377	349.131	364.048
128.5	140.835	197.814	294.840	348.459	363.510
129.0	141.776	198.083	294.302	347.787	362.838
129.5	142.582	198.486	293.361	346.712	362.032
130.0	143.254	198.755	292.421	346.040	361.226
130.5	143.926	199.023	291.346	345.234	360.285
131.0	144.329	199.427	290.271	344.024	359.344
131.5	144.866	199.830	289.195	342.949	358.403
132.0	145.404	200.233	287.986	342.277	357.597
132.5	145.673	200.367	286.642	340.933	356.388
133.0	146.076	200.502	286.105	339.724	354.909
133.5	146.210	200.367	285.298	338.783	354.238
134.0	146.345	200.099	284.761	337.708	353.297
134.5	146.748	199.561	284.089	336.499	351.550
135.0	147.151	199.158	283.283	334.886	350.206
135.5	147.017	198.083	282.611	333.811	349.131
136.0	147.285	197.948	281.670	332.467	347.787
136.5	147.554	197.545	280.998	330.989	346.443
137.0	147.689	196.873	279.923	329.780	344.965
137.5	147.823	196.201	278.982	328.167	343.621
138.0	148.092	195.798	277.638	326.823	342.009
138.5	148.092	195.261	275.891	325.345	340.799

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	147.957	194.858	273.876	323.598	338.918
139.5	147.957	194.320	271.457	321.716	337.574
140.0	147.957	193.648	268.769	319.969	335.692
140.5	147.957	193.245	266.350	317.819	333.677
141.0	147.957	192.976	263.662	315.535	332.064
141.5	147.957	192.439	260.975	313.519	330.451
142.0	147.823	192.170	258.421	310.966	328.704
142.5	147.689	191.767	255.734	308.681	326.689
143.0	147.554	191.364	253.180	306.531	324.673
143.5	147.554	190.826	250.224	304.247	322.792
144.0	147.554	190.154	247.671	302.500	320.641
144.5	147.957	189.617	245.117	300.484	318.760
145.0	148.495	189.079	242.295	298.737	316.610
145.5	149.436	188.407	239.742	296.990	314.460
146.0	150.645	187.870	237.323	295.108	312.444
146.5	151.854	187.332	235.307	293.093	310.159
147.0	153.064	186.660	233.023	291.077	307.875
147.5	154.139	186.391	231.276	289.061	305.590
148.0	155.348	185.854	229.394	286.777	303.171
148.5	156.424	185.719	227.916	284.626	300.753
149.0	157.767	185.719	226.303	282.476	298.602
149.5	158.708	186.123	224.825	280.192	295.915
150.0	159.783	186.391	223.347	278.042	293.093
150.5	160.724	186.526	221.734	275.623	290.136
151.0	161.396	186.929	219.584	273.204	286.642
151.5	162.068	187.063	217.300	270.650	283.417
152.0	162.874	187.332	215.150	267.963	280.192
152.5	163.680	187.601	213.134	265.141	276.698
153.0	164.218	187.735	210.984	261.915	273.876
153.5	164.890	188.138	208.699	258.556	270.650
154.0	165.427	188.004	206.683	254.793	267.963
154.5	166.099	188.138	204.936	251.165	265.275
155.0	166.368	188.407	203.189	246.999	263.259
155.5	166.906	188.541	201.442	243.102	261.109
156.0	167.309	188.541	200.233	238.936	259.228
156.5	167.981	188.541	199.023	234.770	256.809
157.0	168.249	188.810	197.814	231.007	254.524
157.5	168.653	188.810	197.008	227.379	251.971
158.0	169.190	188.676	196.605	223.616	249.552
158.5	169.324	188.676	196.067	220.525	246.730
159.0	169.996	188.273	195.664	217.569	244.311
159.5	170.534	188.004	194.992	214.746	241.623
160.0	171.206	187.735	194.320	212.462	238.936
160.5	172.012	187.601	193.782	210.312	236.382
161.0	172.550	187.198	193.648	208.027	233.829
161.5	173.356	187.063	193.379	205.743	231.948
162.0	174.028	186.794	193.782	203.861	230.335
162.5	174.700	186.794	194.051	201.846	228.454
163.0	175.506	186.660	194.186	199.695	226.841
163.5	176.178	186.660	194.454	197.411	224.825
164.0	176.447	186.660	194.723	194.589	222.944
164.5	176.850	186.391	194.454	192.439	220.525
165.0	177.253	186.391	194.051	190.288	218.106
165.5	177.656	186.257	193.648	188.810	215.553
166.0	178.059	186.123	193.379	187.198	211.656
166.5	178.463	186.123	192.976	185.854	209.774

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	179.000	186.123	192.573	184.644	208.296
167.5	179.269	186.123	191.767	183.569	206.818
168.0	179.672	186.123	191.095	182.494	205.608
168.5	180.478	185.585	190.154	181.553	204.130
169.0	180.882	185.719	189.482	180.613	202.652
169.5	181.553	185.316	188.407	179.538	201.039
170.0	181.822	185.182	187.466	178.194	199.561
170.5	182.225	184.913	186.257	176.716	197.948
171.0	182.494	184.644	184.913	175.103	195.933
171.5	182.897	184.644	183.704	173.625	194.320
172.0	183.569	184.376	183.032	172.147	191.901
172.5	183.972	184.376	182.225	170.534	189.213
173.0	184.510	184.107	181.553	169.056	184.644
173.5	185.182	184.241	181.285	167.577	177.791
174.0	185.719	184.241	181.150	166.368	169.324
174.5	186.123	184.241	180.882	165.159	159.246
175.0	186.929	184.644	180.747	164.218	147.823
175.5	187.198	184.779	180.613	163.815	135.863
176.0	187.735	185.047	180.613	163.412	128.068
176.5	187.870	185.182	180.478	163.412	122.559
177.0	188.407	185.451	180.210	163.008	116.915
177.5	188.541	185.451	179.806	162.874	115.705
178.0	189.079	185.719	179.672	162.740	115.974
178.5	189.348	185.854	179.806	162.471	116.243
179.0	189.617	185.854	179.672	162.068	116.377
179.5	189.885	185.854	179.538	161.933	116.511
180.0	170.265	170.265	170.265	170.265	170.265

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1538.53	N.A.	11.70
0-30	3223.75	N.A.	24.50
0-40	5178.5	N.A.	39.40
0-60	8763.95	N.A.	66.70
0-80	10918.31	N.A.	83.10
0-90	11460.13	N.A.	87.30
10-90	11059.03	N.A.	84.20
20-40	3639.97	N.A.	27.70
20-50	5564.93	N.A.	42.40
40-70	4862.63	N.A.	37.00
60-80	2154.37	N.A.	16.40
70-80	877.18	N.A.	6.70
80-90	541.82	N.A.	4.10
90-110	632.85	N.A.	4.80
90-120	899.27	N.A.	6.80
90-130	1144.47	N.A.	8.70
90-150	1502.48	N.A.	11.40
90-180	1673.63	N.A.	12.70
110-180	1040.78	N.A.	7.90
0-180	13133.76	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	401.10
10-20	1137.43
20-30	1685.21
30-40	1954.76
40-50	1924.96
50-60	1660.49
60-70	1277.19
70-80	877.18
80-90	541.82
90-100	347.15
100-110	285.70
110-120	266.42
120-130	245.20
130-140	206.05
140-150	151.96
150-160	99.35
160-170	54.74
170-180	17.05

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

X=2H	Y=2H	18.4	19.8	18.9	20.3	20.9	20.1	21.5	20.7	22.0	22.6
	3H	19.8	21.0	20.3	21.6	22.2	22.3	23.6	22.9	24.1	24.8
	4H	20.2	21.4	20.8	21.9	22.6	23.4	24.6	24.0	25.1	25.8
	6H	20.5	21.6	21.1	22.2	22.9	24.5	25.6	25.1	26.2	26.9
	8H	20.6	21.6	21.2	22.2	22.9	25.2	26.2	25.8	26.8	27.5
	12H	20.6	21.6	21.2	22.2	22.9	25.9	26.8	26.5	27.5	28.2

UGR Viewed Endwise

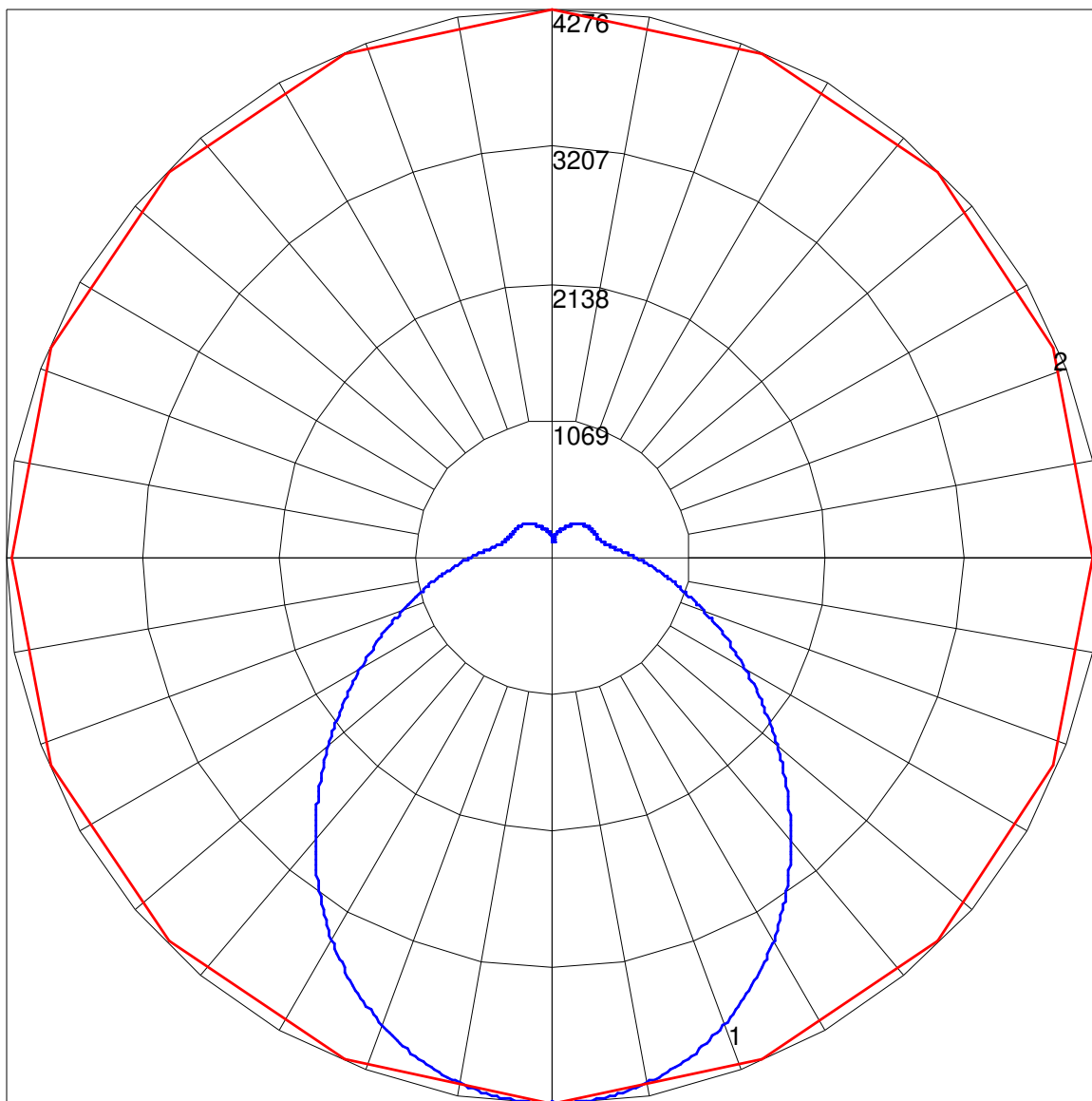
4H	2H	19.1	20.3	19.7	20.9	21.6	20.5	21.7	21.1	22.3	22.9
	3H	20.7	21.7	21.3	22.4	23.0	23.0	23.9	23.6	24.6	25.3
	4H	21.3	22.2	21.9	22.8	23.6	24.2	25.1	24.8	25.7	26.5
	6H	21.7	22.5	22.4	23.2	23.9	25.6	26.3	26.2	27.0	27.7
	8H	21.8	22.6	22.5	23.2	24.0	26.3	27.0	26.9	27.7	28.4
	12H	21.9	22.6	22.6	23.3	24.0	27.1	27.8	27.8	28.5	29.2

8H	4H	21.9	22.6	22.5	23.3	24.0	24.4	25.1	25.1	25.8	26.6
	6H	22.5	23.1	23.1	23.8	24.5	25.9	26.6	26.6	27.3	28.0
	8H	22.7	23.2	23.4	23.9	24.7	26.8	27.4	27.5	28.1	28.8
	12H	22.8	23.3	23.5	24.0	24.8	27.8	28.3	28.5	29.0	29.8

12H	4H	22.1	22.7	22.7	23.4	24.2	24.4	25.1	25.1	25.8	26.5
	6H	22.7	23.3	23.4	24.0	24.8	26.0	26.5	26.7	27.2	28.0
	8H	23.0	23.5	23.7	24.2	25.0	26.9	27.4	27.6	28.1	28.9

Maximum UGR = 29.8

POLAR GRAPH



Maximum Candela = 4276.115 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.)