

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L50-850-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-4-L50-850-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	5159
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	33
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)	3.71 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	11320	10139	10040
55	9802	8680	8814
65	8240	7434	7855
75	6608	6495	7342
85	4847	6389	7757

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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	1669.700	1669.700	1669.700	1669.700	1669.700
0.5	1661.782	1668.117	1669.172	1668.645	1679.730
1.0	1661.782	1668.645	1668.645	1668.117	1679.202
1.5	1660.198	1668.645	1668.117	1667.589	1679.730
2.0	1659.671	1667.061	1668.117	1667.061	1678.146
2.5	1659.671	1667.061	1666.533	1666.533	1677.091
3.0	1658.087	1665.477	1665.477	1665.477	1676.035
3.5	1657.031	1663.894	1663.894	1664.421	1674.979
4.0	1655.975	1662.838	1662.838	1662.310	1673.923
4.5	1653.336	1661.254	1661.782	1661.254	1672.340
5.0	1651.752	1659.671	1659.671	1659.671	1670.756
5.5	1649.641	1657.559	1657.559	1658.087	1668.645
6.0	1648.585	1654.920	1655.447	1655.447	1666.533
6.5	1644.890	1652.808	1653.336	1653.336	1663.894
7.0	1642.778	1650.169	1650.696	1650.169	1661.782
7.5	1640.667	1647.001	1648.057	1648.057	1659.143
8.0	1638.027	1644.890	1644.890	1644.890	1655.447
8.5	1635.388	1641.195	1642.250	1642.250	1652.280
9.0	1631.165	1638.555	1639.083	1638.555	1648.585
9.5	1628.525	1634.860	1634.860	1634.860	1646.473
10.0	1624.302	1630.637	1630.637	1631.693	1642.250
10.5	1620.607	1626.942	1627.470	1627.470	1638.555
11.0	1616.912	1623.246	1623.774	1623.246	1634.332
11.5	1612.161	1619.023	1620.079	1619.023	1630.637
12.0	1607.938	1614.272	1615.328	1615.328	1625.886
12.5	1603.715	1609.521	1611.105	1610.049	1621.663
13.0	1598.964	1605.298	1606.354	1605.826	1616.912
13.5	1594.213	1600.019	1601.075	1601.075	1612.689
14.0	1588.406	1594.741	1595.796	1595.796	1606.882
14.5	1583.655	1589.462	1590.518	1590.518	1602.659
15.0	1578.904	1584.183	1584.711	1584.711	1596.324
15.5	1573.097	1577.848	1579.432	1579.432	1589.990
16.0	1566.763	1572.042	1573.625	1573.625	1584.711
16.5	1561.484	1565.707	1567.291	1567.819	1578.904
17.0	1554.093	1558.844	1560.956	1561.484	1572.569
17.5	1547.759	1552.510	1554.621	1555.149	1566.235
18.0	1541.952	1546.175	1547.759	1549.343	1560.428
18.5	1535.090	1539.841	1541.424	1542.480	1553.566
19.0	1528.227	1531.922	1534.562	1535.618	1546.175
19.5	1520.309	1525.588	1527.699	1529.811	1539.313
20.0	1511.863	1517.669	1520.309	1521.893	1531.922
20.5	1503.417	1510.807	1512.918	1515.030	1525.060
21.0	1496.554	1502.361	1503.944	1508.168	1517.669
21.5	1488.636	1494.442	1497.082	1499.193	1509.751
22.0	1480.190	1487.052	1489.692	1491.803	1502.889
22.5	1472.799	1477.550	1481.245	1484.413	1494.970
23.0	1463.825	1469.104	1472.799	1475.967	1486.524
23.5	1454.323	1460.130	1464.881	1468.048	1478.606
24.0	1444.821	1451.156	1455.907	1459.602	1470.160
24.5	1436.903	1442.182	1447.461	1450.628	1460.658
25.0	1427.929	1433.208	1439.015	1442.182	1452.212
25.5	1417.899	1424.234	1428.985	1433.736	1442.182
26.0	1408.397	1414.204	1420.539	1424.762	1434.264
26.5	1398.367	1404.174	1411.565	1415.260	1425.290

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27.0	1388.338	1393.616	1402.590	1407.341	1416.316
27.5	1376.724	1383.587	1392.561	1396.784	1407.341
28.0	1368.278	1373.557	1382.531	1387.282	1397.312
28.5	1357.192	1363.527	1372.501	1377.252	1387.282
29.0	1346.635	1352.969	1361.943	1367.750	1377.780
29.5	1335.549	1341.884	1351.386	1357.192	1367.222
30.0	1324.464	1331.326	1340.828	1348.218	1358.248
30.5	1312.850	1319.713	1330.798	1338.189	1347.690
31.0	1301.764	1308.627	1319.713	1327.631	1336.605
31.5	1290.151	1298.069	1309.155	1317.601	1327.103
32.0	1279.065	1285.928	1298.597	1306.515	1316.017
32.5	1266.924	1274.314	1287.512	1295.958	1305.460
33.0	1255.311	1263.229	1275.370	1285.400	1294.902
33.5	1244.225	1251.615	1264.813	1273.787	1283.816
34.0	1231.028	1239.474	1253.199	1263.229	1273.787
34.5	1218.887	1227.861	1242.113	1251.615	1262.173
35.0	1207.801	1215.191	1231.028	1241.058	1251.087
35.5	1193.548	1203.578	1218.887	1229.444	1239.474
36.0	1182.462	1190.909	1207.273	1217.831	1228.388
36.5	1168.737	1178.239	1195.132	1206.745	1217.831
37.0	1156.068	1166.098	1182.990	1194.604	1206.745
37.5	1142.871	1152.901	1171.377	1184.046	1194.604
38.0	1129.674	1140.232	1158.708	1171.905	1181.935
38.5	1115.949	1127.035	1146.566	1160.819	1170.321
39.0	1103.808	1113.837	1133.897	1148.678	1160.819
39.5	1090.083	1101.696	1121.756	1136.536	1148.150
40.0	1075.302	1087.971	1109.086	1125.451	1136.009
40.5	1061.577	1074.774	1096.945	1113.837	1124.395
41.0	1048.908	1061.577	1084.276	1101.696	1112.254
41.5	1035.183	1048.380	1071.607	1089.555	1100.640
42.0	1021.458	1035.183	1058.937	1077.941	1089.027
42.5	1008.260	1021.458	1045.740	1065.800	1076.885
43.0	993.480	1008.260	1033.599	1054.186	1065.272
43.5	980.810	994.535	1020.402	1042.045	1053.658
44.0	966.557	980.810	1007.205	1030.432	1041.517
44.5	953.360	967.613	994.007	1017.762	1029.376
45.0	939.635	953.888	981.338	1006.677	1018.290
45.5	925.910	940.691	968.669	995.063	1006.677
46.0	912.185	926.966	954.944	982.394	994.535
46.5	898.460	913.241	943.331	971.836	982.922
47.0	884.207	900.044	930.133	959.167	971.308
47.5	870.482	886.319	916.936	947.026	959.167
48.0	857.285	872.594	903.739	935.940	947.026
48.5	842.504	859.397	891.598	923.271	935.412
49.0	829.307	845.144	877.873	911.130	923.271
49.5	815.582	831.947	865.204	899.516	911.657
50.0	801.329	818.222	852.534	886.847	899.516
50.5	788.132	805.025	839.337	876.289	888.430
51.0	774.407	791.300	827.724	864.148	876.817
51.5	761.210	777.575	814.527	852.534	865.204
52.0	746.957	764.378	801.857	840.393	853.590
52.5	733.232	750.652	789.716	828.252	842.504
53.0	718.979	737.455	777.047	817.694	830.363
53.5	705.254	724.258	764.905	805.553	819.278
54.0	692.057	711.061	752.764	793.939	808.192
54.5	679.388	697.336	740.623	783.381	797.106

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55.0	666.191	684.667	728.481	771.240	787.077
55.5	655.105	671.470	716.340	760.154	774.935
56.0	642.436	659.856	704.727	749.069	763.850
56.5	629.239	647.715	692.585	737.983	753.292
57.0	616.570	635.574	680.972	726.898	742.206
57.5	603.373	622.904	670.942	716.340	730.065
58.0	590.175	610.235	659.328	704.727	721.091
58.5	577.506	597.566	647.715	694.697	710.533
59.0	564.837	584.897	636.629	685.723	699.448
59.5	552.168	572.755	626.600	674.637	691.001
60.0	539.498	560.086	615.514	664.079	680.444
60.5	527.093	547.945	604.428	654.050	669.886
61.0	514.635	535.803	593.343	644.020	659.856
61.5	502.283	523.768	582.257	633.990	650.354
62.0	490.141	511.837	571.699	624.488	640.325
62.5	478.158	500.013	560.614	614.986	630.823
63.0	466.017	488.241	550.056	604.956	622.376
63.5	453.981	476.627	540.026	595.454	612.875
64.0	442.262	465.172	529.469	585.424	603.373
64.5	430.596	453.981	519.439	575.923	593.871
65.0	419.035	442.737	509.356	566.421	584.897
65.5	407.633	431.757	499.379	556.919	575.395
66.0	396.072	420.777	489.508	547.417	566.421
66.5	384.775	410.061	479.689	538.443	557.447
67.0	373.743	399.451	469.923	528.941	548.473
67.5	362.657	388.998	460.369	520.072	539.498
68.0	351.730	378.810	450.867	511.098	531.052
68.5	340.961	368.675	441.576	502.388	522.237
69.0	330.245	358.645	432.391	493.625	513.896
69.5	319.687	348.826	423.311	485.126	505.608
70.0	309.182	339.166	414.390	476.786	497.373
70.5	298.941	329.611	405.468	468.445	489.244
71.0	288.806	320.162	396.706	460.210	481.220
71.5	278.776	310.924	388.154	452.186	473.302
72.0	268.957	301.634	379.602	444.215	465.595
72.5	259.086	292.659	371.262	436.403	457.940
73.0	249.478	283.738	362.974	428.695	450.233
73.5	240.135	274.923	354.950	421.041	442.737
74.0	230.897	266.371	346.820	413.651	435.188
74.5	221.817	257.766	339.061	406.313	428.062
75.0	212.790	249.373	331.353	399.134	421.147
75.5	203.922	241.191	323.752	392.007	414.126
76.0	195.317	233.167	316.361	384.934	407.263
76.5	186.766	225.249	309.024	378.018	400.401
77.0	178.320	217.383	301.792	371.156	393.749
77.5	170.032	209.729	294.665	364.505	387.151
78.0	161.850	202.233	287.750	357.959	380.658
78.5	153.826	194.842	280.888	351.360	374.218
79.0	145.960	187.663	274.236	344.973	367.883
79.5	138.148	180.537	267.690	338.744	361.548
80.0	130.440	173.516	261.145	332.568	355.531
80.5	122.944	166.706	254.810	326.339	349.407
81.0	115.660	160.002	248.739	320.321	343.442
81.5	108.269	153.456	242.669	314.356	337.477
82.0	101.143	147.069	236.756	308.602	331.723
82.5	94.175	140.787	230.950	302.848	326.075

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CANDELA TABULATION - (Cont.)

83.0	87.312	134.663	225.249	297.305	320.585
83.5	80.502	128.698	219.811	291.656	314.883
84.0	73.851	122.892	214.532	286.325	309.446
84.5	67.253	117.296	209.359	281.046	304.115
85.0	60.918	111.859	204.292	275.820	298.783
85.5	54.583	106.686	199.329	270.752	293.610
86.0	48.354	101.723	194.473	265.790	288.489
86.5	42.178	97.078	189.880	260.828	283.369
87.0	36.107	92.591	185.235	256.130	278.354
87.5	30.037	88.421	180.853	251.379	273.550
88.0	24.019	84.356	176.525	246.786	268.693
88.5	17.948	80.555	172.354	242.246	263.995
89.0	12.405	76.966	168.395	237.865	259.350
89.5	7.865	73.640	164.542	233.642	254.810
90.0	4.698	70.684	161.005	229.630	250.640
90.5	3.326	68.097	157.732	225.618	246.206
91.0	3.537	65.722	154.406	221.553	241.982
91.5	4.223	63.452	151.081	217.700	237.759
92.0	5.015	61.551	147.913	213.793	233.642
92.5	5.860	59.915	145.221	210.045	229.577
93.0	6.704	58.490	142.423	206.509	225.671
93.5	7.602	57.381	139.784	203.025	221.976
94.0	8.552	56.431	137.303	199.752	218.386
94.5	9.449	55.745	134.980	196.426	214.691
95.0	10.347	55.217	132.816	193.153	211.154
95.5	11.191	54.847	130.810	190.039	207.670
96.0	11.877	54.689	129.068	187.030	204.239
96.5	12.564	54.689	127.326	184.232	201.071
97.0	13.197	54.742	125.742	181.540	197.904
97.5	13.883	54.953	124.264	178.953	195.001
98.0	14.464	55.164	122.944	176.419	192.045
98.5	15.150	55.428	121.836	173.991	189.300
99.0	15.837	55.745	120.675	171.721	186.607
99.5	16.576	56.114	119.672	169.557	183.968
100.0	17.209	56.484	118.880	167.551	181.592
100.5	17.948	56.906	118.088	165.598	179.164
101.0	18.582	57.328	117.507	163.750	177.000
101.5	19.215	57.751	116.927	162.008	174.783
102.0	19.796	58.173	116.504	160.371	172.830
102.5	20.376	58.595	116.082	158.841	170.876
103.0	20.957	59.070	115.765	157.310	169.134
103.5	21.590	59.545	115.501	155.990	167.340
104.0	22.277	59.968	115.237	154.776	165.703
104.5	22.963	60.443	115.079	153.615	164.172
105.0	23.596	60.918	114.921	152.559	162.694
105.5	24.177	61.340	114.762	151.450	161.427
106.0	24.863	61.868	114.709	150.500	160.160
106.5	25.497	62.343	114.709	149.603	158.893
107.0	26.130	62.871	114.709	148.758	157.838
107.5	26.711	63.293	114.709	148.125	156.729
108.0	27.450	63.821	114.709	147.385	155.621
108.5	28.136	64.349	114.762	146.858	154.881
109.0	28.823	64.771	114.868	146.171	154.142
109.5	29.562	65.247	114.921	145.696	153.351
110.0	30.301	65.722	115.026	145.168	152.717
110.5	31.040	66.197	115.132	144.693	152.136

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CANDELA TABULATION - (Cont.)

111.0	31.779	66.672	115.185	144.271	151.503
111.5	32.518	67.094	115.237	143.954	150.975
112.0	33.310	67.569	115.343	143.638	150.342
112.5	34.101	68.044	115.448	143.268	149.761
113.0	34.946	68.519	115.607	143.004	149.497
113.5	35.738	68.942	115.607	142.740	149.128
114.0	36.582	69.364	115.712	142.529	148.758
114.5	37.374	69.839	115.818	142.265	148.441
115.0	38.219	70.209	115.924	142.107	148.177
115.5	39.063	70.684	115.924	141.948	147.913
116.0	39.855	71.106	116.082	141.737	147.597
116.5	40.594	71.528	116.187	141.526	147.491
117.0	41.439	72.004	116.293	141.526	147.227
117.5	42.231	72.373	116.399	141.315	147.069
118.0	42.917	72.743	116.504	141.209	146.858
118.5	43.709	73.112	116.557	141.051	146.805
119.0	44.395	73.482	116.663	140.893	146.488
119.5	45.134	73.746	116.768	140.734	146.435
120.0	45.820	74.009	116.715	140.629	146.171
120.5	46.507	74.326	116.768	140.417	146.119
121.0	47.193	74.537	116.874	140.259	145.907
121.5	47.932	74.801	116.821	140.048	145.802
122.0	48.618	75.118	116.821	139.942	145.643
122.5	49.304	75.435	116.874	139.731	145.274
123.0	49.991	75.752	116.821	139.520	145.221
123.5	50.624	76.015	116.715	139.362	144.904
124.0	51.152	76.227	116.715	139.203	144.852
124.5	51.680	76.438	116.715	138.939	144.640
125.0	52.208	76.702	116.610	138.675	144.429
125.5	52.736	76.860	116.504	138.517	144.165
126.0	53.211	77.071	116.451	138.200	143.954
126.5	53.633	77.335	116.346	137.989	143.796
127.0	54.108	77.441	116.240	137.725	143.585
127.5	54.478	77.599	116.082	137.461	143.215
128.0	54.953	77.599	116.029	137.145	143.004
128.5	55.322	77.705	115.818	136.881	142.793
129.0	55.692	77.810	115.607	136.617	142.529
129.5	56.009	77.969	115.237	136.194	142.212
130.0	56.273	78.074	114.868	135.930	141.895
130.5	56.536	78.180	114.445	135.614	141.526
131.0	56.695	78.338	114.023	135.139	141.156
131.5	56.906	78.497	113.601	134.716	140.787
132.0	57.117	78.655	113.126	134.452	140.470
132.5	57.223	78.708	112.598	133.924	139.995
133.0	57.381	78.760	112.387	133.449	139.414
133.5	57.434	78.708	112.070	133.080	139.150
134.0	57.487	78.602	111.859	132.658	138.781
134.5	57.645	78.391	111.595	132.182	138.095
135.0	57.803	78.233	111.278	131.549	137.567
135.5	57.751	77.810	111.014	131.127	137.145
136.0	57.856	77.757	110.645	130.599	136.617
136.5	57.962	77.599	110.381	130.018	136.089
137.0	58.015	77.335	109.958	129.543	135.508
137.5	58.067	77.071	109.589	128.910	134.980
138.0	58.173	76.913	109.061	128.382	134.347
138.5	58.173	76.702	108.375	127.801	133.872

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	58.120	76.543	107.583	127.115	133.133
139.5	58.120	76.332	106.633	126.376	132.605
140.0	58.120	76.068	105.577	125.689	131.866
140.5	58.120	75.910	104.627	124.845	131.074
141.0	58.120	75.804	103.571	123.947	130.440
141.5	58.120	75.593	102.515	123.156	129.807
142.0	58.067	75.488	101.512	122.153	129.121
142.5	58.015	75.329	100.457	121.255	128.329
143.0	57.962	75.171	99.454	120.411	127.537
143.5	57.962	74.960	98.292	119.513	126.798
144.0	57.962	74.696	97.289	118.827	125.953
144.5	58.120	74.485	96.286	118.035	125.214
145.0	58.331	74.273	95.178	117.349	124.370
145.5	58.701	74.009	94.175	116.663	123.525
146.0	59.176	73.798	93.224	115.924	122.733
146.5	59.651	73.587	92.433	115.132	121.836
147.0	60.126	73.323	91.535	114.340	120.938
147.5	60.548	73.218	90.849	113.548	120.041
148.0	61.024	73.006	90.110	112.651	119.091
148.5	61.446	72.954	89.529	111.806	118.141
149.0	61.974	72.954	88.896	110.961	117.296
149.5	62.343	73.112	88.315	110.064	116.240
150.0	62.766	73.218	87.734	109.219	115.132
150.5	63.135	73.270	87.101	108.269	113.970
151.0	63.399	73.429	86.256	107.319	112.598
151.5	63.663	73.482	85.359	106.316	111.331
152.0	63.980	73.587	84.514	105.260	110.064
152.5	64.296	73.693	83.723	104.152	108.692
153.0	64.508	73.746	82.878	102.885	107.583
153.5	64.771	73.904	81.981	101.565	106.316
154.0	64.983	73.851	81.189	100.087	105.260
154.5	65.247	73.904	80.502	98.662	104.205
155.0	65.352	74.009	79.816	97.025	103.413
155.5	65.563	74.062	79.130	95.494	102.568
156.0	65.722	74.062	78.655	93.858	101.829
156.5	65.986	74.062	78.180	92.222	100.879
157.0	66.091	74.168	77.705	90.743	99.981
157.5	66.250	74.168	77.388	89.318	98.978
158.0	66.461	74.115	77.230	87.840	98.028
158.5	66.514	74.115	77.018	86.626	96.920
159.0	66.777	73.957	76.860	85.465	95.969
159.5	66.989	73.851	76.596	84.356	94.914
160.0	67.253	73.746	76.332	83.459	93.858
160.5	67.569	73.693	76.121	82.614	92.855
161.0	67.780	73.534	76.068	81.717	91.852
161.5	68.097	73.482	75.963	80.819	91.113
162.0	68.361	73.376	76.121	80.080	90.479
162.5	68.625	73.376	76.227	79.288	89.740
163.0	68.942	73.323	76.279	78.444	89.107
163.5	69.206	73.323	76.385	77.546	88.315
164.0	69.311	73.323	76.491	76.438	87.576
164.5	69.470	73.218	76.385	75.593	86.626
165.0	69.628	73.218	76.227	74.749	85.676
165.5	69.786	73.165	76.068	74.168	84.673
166.0	69.945	73.112	75.963	73.534	83.142
166.5	70.103	73.112	75.804	73.006	82.403

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	70.314	73.112	75.646	72.531	81.822
167.5	70.420	73.112	75.329	72.109	81.242
168.0	70.578	73.112	75.065	71.687	80.766
168.5	70.895	72.901	74.696	71.317	80.186
169.0	71.053	72.954	74.432	70.948	79.605
169.5	71.317	72.795	74.009	70.525	78.972
170.0	71.423	72.743	73.640	69.998	78.391
170.5	71.581	72.637	73.165	69.417	77.757
171.0	71.687	72.531	72.637	68.783	76.966
171.5	71.845	72.531	72.162	68.203	76.332
172.0	72.109	72.426	71.898	67.622	75.382
172.5	72.267	72.426	71.581	66.989	74.326
173.0	72.479	72.320	71.317	66.408	72.531
173.5	72.743	72.373	71.212	65.827	69.839
174.0	72.954	72.373	71.159	65.352	66.514
174.5	73.112	72.373	71.053	64.877	62.554
175.0	73.429	72.531	71.001	64.508	58.067
175.5	73.534	72.584	70.948	64.349	53.369
176.0	73.746	72.690	70.948	64.191	50.307
176.5	73.798	72.743	70.895	64.191	48.143
177.0	74.009	72.848	70.789	64.032	45.926
177.5	74.062	72.848	70.631	63.980	45.451
178.0	74.273	72.954	70.578	63.927	45.556
178.5	74.379	73.006	70.631	63.821	45.662
179.0	74.485	73.006	70.578	63.663	45.715
179.5	74.590	73.006	70.525	63.610	45.768
180.0	66.883	66.883	66.883	66.883	66.883

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-850-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	604.36	N.A.	11.70
0-30	1266.34	N.A.	24.50
0-40	2034.2	N.A.	39.40
0-60	3442.63	N.A.	66.70
0-80	4288.9	N.A.	83.10
0-90	4501.73	N.A.	87.30
10-90	4344.17	N.A.	84.20
20-40	1429.84	N.A.	27.70
20-50	2186.00	N.A.	42.40
40-70	1910.12	N.A.	37.00
60-80	846.27	N.A.	16.40
70-80	344.57	N.A.	6.70
80-90	212.84	N.A.	4.10
90-110	248.59	N.A.	4.80
90-120	353.25	N.A.	6.80
90-130	449.57	N.A.	8.70
90-150	590.20	N.A.	11.40
90-180	657.43	N.A.	12.70
110-180	408.84	N.A.	7.90
0-180	5159.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	157.56
10-20	446.80
20-30	661.98
30-40	767.86
40-50	756.15
50-60	652.27
60-70	501.70
70-80	344.57
80-90	212.84
90-100	136.36
100-110	112.23
110-120	104.66
120-130	96.32
130-140	80.94
140-150	59.69
150-160	39.03
160-170	21.50
170-180	6.70

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-850-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-4-L50-850-DIM-UNV_.IES

UGR TABLE - CORRECTED

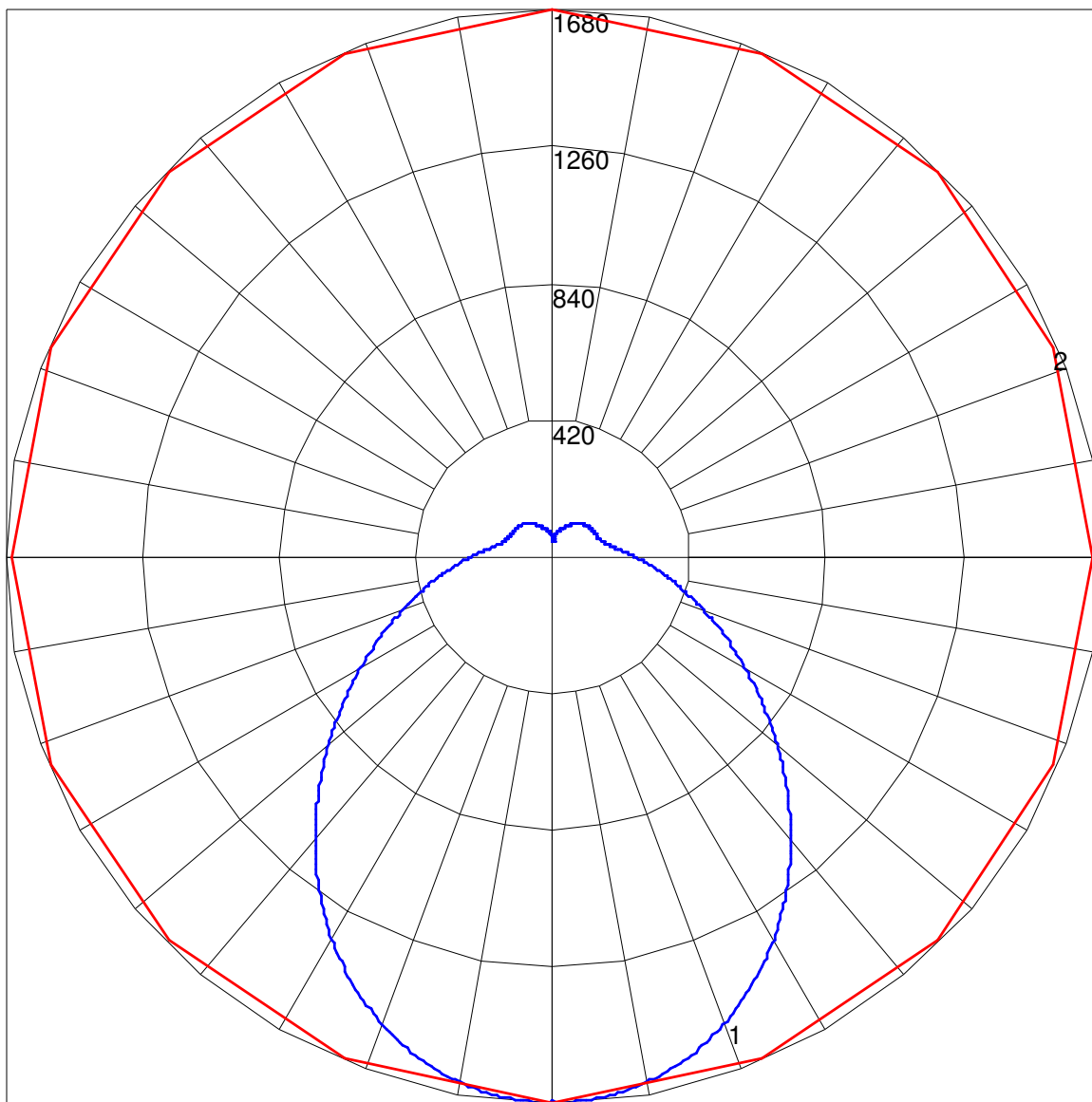
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	17.5	18.9	18.1	19.4	20.0	19.2	20.5	19.7	21.1	21.7
	3H	18.9	20.1	19.4	20.7	21.3	21.4	22.6	21.9	23.2	23.8
	4H	19.3	20.5	19.9	21.1	21.7	22.4	23.6	23.0	24.2	24.9
	6H	19.6	20.7	20.2	21.3	22.0	23.6	24.6	24.2	25.2	25.9
	8H	19.7	20.7	20.3	21.3	22.0	24.1	25.2	24.8	25.8	26.5
	12H	19.7	20.7	20.3	21.3	22.0	24.8	25.8	25.4	26.4	27.1
4H	2H	18.2	19.4	18.8	20.0	20.7	19.6	20.7	20.2	21.3	22.0
	3H	19.8	20.8	20.4	21.4	22.1	22.0	23.0	22.6	23.6	24.3
	4H	20.4	21.3	21.0	21.9	22.7	23.3	24.1	23.9	24.8	25.5
	6H	20.8	21.6	21.5	22.3	23.0	24.6	25.4	25.2	26.0	26.8
	8H	20.9	21.7	21.6	22.3	23.1	25.3	26.0	25.9	26.7	27.4
	12H	21.0	21.7	21.7	22.4	23.1	26.1	26.7	26.7	27.4	28.2
8H	4H	21.0	21.7	21.6	22.4	23.1	23.4	24.2	24.1	24.8	25.6
	6H	21.6	22.2	22.2	22.9	23.6	24.9	25.6	25.6	26.3	27.0
	8H	21.8	22.3	22.4	23.0	23.8	25.8	26.4	26.5	27.1	27.8
	12H	21.9	22.4	22.6	23.1	23.9	26.8	27.3	27.5	28.0	28.8
12H	4H	21.1	21.8	21.8	22.5	23.2	23.4	24.1	24.1	24.8	25.6
	6H	21.8	22.4	22.5	23.1	23.9	25.0	25.6	25.7	26.2	27.0
	8H	22.1	22.6	22.8	23.3	24.1	25.9	26.4	26.6	27.1	27.9

Maximum UGR = 28.8

POLAR GRAPH



Maximum Candela = 1679.73 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.)