

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L65-940-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-L65-940-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	5155
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	42.3
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	11311	10131	10031
55	9794	8673	8807
65	8233	7428	7849
75	6603	6489	7336
85	4843	6383	7751

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1668.347	1668.347	1668.347	1668.347	1668.347
0.5	1660.436	1666.765	1667.820	1667.293	1678.369
1.0	1660.436	1667.293	1667.293	1666.765	1677.842
1.5	1658.853	1667.293	1666.765	1666.238	1678.369
2.0	1658.326	1665.710	1666.765	1665.710	1676.787
2.5	1658.326	1665.710	1665.183	1665.183	1675.732
3.0	1656.743	1664.128	1664.128	1664.128	1674.677
3.5	1655.688	1662.545	1662.545	1663.073	1673.622
4.0	1654.634	1661.490	1661.490	1660.963	1672.567
4.5	1651.996	1659.908	1660.436	1659.908	1670.985
5.0	1650.414	1658.326	1658.326	1658.326	1669.402
5.5	1648.304	1656.216	1656.216	1656.743	1667.293
6.0	1647.249	1653.579	1654.106	1654.106	1665.183
6.5	1643.557	1651.469	1651.996	1651.996	1662.545
7.0	1641.447	1648.832	1649.359	1648.832	1660.436
7.5	1639.337	1645.667	1646.722	1646.722	1657.798
8.0	1636.700	1643.557	1643.557	1643.557	1654.106
8.5	1634.063	1639.865	1640.920	1640.920	1650.941
9.0	1629.843	1637.227	1637.755	1637.227	1647.249
9.5	1627.206	1633.535	1633.535	1633.535	1645.139
10.0	1622.986	1629.316	1629.316	1630.371	1640.920
10.5	1619.294	1625.623	1626.151	1626.151	1637.227
11.0	1615.602	1621.931	1622.459	1621.931	1633.008
11.5	1610.855	1617.712	1618.766	1617.712	1629.316
12.0	1606.635	1612.964	1614.019	1614.019	1624.568
12.5	1602.415	1608.217	1609.800	1608.745	1620.349
13.0	1597.668	1603.998	1605.053	1604.525	1615.602
13.5	1592.921	1598.723	1599.778	1599.778	1611.382
14.0	1587.119	1593.448	1594.503	1594.503	1605.580
14.5	1582.372	1588.174	1589.229	1589.229	1601.360
15.0	1577.625	1582.899	1583.427	1583.427	1595.031
15.5	1571.823	1576.570	1578.152	1578.152	1588.701
16.0	1565.493	1570.768	1572.350	1572.350	1583.427
16.5	1560.219	1564.438	1566.021	1566.548	1577.625
17.0	1552.834	1557.581	1559.691	1560.219	1571.295
17.5	1546.505	1551.252	1553.362	1553.889	1564.966
18.0	1540.703	1544.922	1546.505	1548.087	1559.164
18.5	1533.846	1538.593	1540.175	1541.230	1552.307
19.0	1526.989	1530.681	1533.318	1534.373	1544.922
19.5	1519.077	1524.352	1526.461	1528.571	1538.065
20.0	1510.638	1516.440	1519.077	1520.659	1530.681
20.5	1502.198	1509.583	1511.693	1513.802	1523.824
21.0	1495.341	1501.143	1502.726	1506.945	1516.440
21.5	1487.430	1493.232	1495.869	1497.979	1508.528
22.0	1478.990	1485.847	1488.484	1490.594	1501.671
22.5	1471.606	1476.353	1480.045	1483.210	1493.759
23.0	1462.639	1467.914	1471.606	1474.771	1485.320
23.5	1453.145	1458.947	1463.694	1466.859	1477.408
24.0	1443.651	1449.980	1454.727	1458.419	1468.969
24.5	1435.739	1441.013	1446.288	1449.453	1459.474
25.0	1426.772	1432.047	1437.849	1441.013	1451.035
25.5	1416.750	1423.080	1427.827	1432.574	1441.013
26.0	1407.256	1413.058	1419.388	1423.607	1433.101
26.5	1397.234	1403.036	1410.421	1414.113	1424.135

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1387.213	1392.487	1401.454	1406.201	1415.168
27.5	1375.609	1382.466	1391.432	1395.652	1406.201
28.0	1367.169	1372.444	1381.411	1386.158	1396.179
28.5	1356.093	1362.422	1371.389	1376.136	1386.158
29.0	1345.544	1351.873	1360.840	1366.642	1376.664
29.5	1334.467	1340.796	1350.291	1356.093	1366.114
30.0	1323.390	1330.247	1339.742	1347.126	1357.148
30.5	1311.786	1318.643	1329.720	1337.104	1346.598
31.0	1300.710	1307.567	1318.643	1326.555	1335.522
31.5	1289.106	1297.017	1308.094	1316.533	1326.028
32.0	1278.029	1284.886	1297.545	1305.457	1314.951
32.5	1265.898	1273.282	1286.468	1294.908	1304.402
33.0	1254.293	1262.205	1274.337	1284.359	1293.853
33.5	1243.217	1250.601	1263.788	1272.754	1282.776
34.0	1230.030	1238.470	1252.184	1262.205	1272.754
34.5	1217.899	1226.866	1241.107	1250.601	1261.150
35.0	1206.822	1214.207	1230.030	1240.052	1250.074
35.5	1192.581	1202.603	1217.899	1228.448	1238.470
36.0	1181.504	1189.944	1206.295	1216.844	1227.393
36.5	1167.790	1177.285	1194.163	1205.767	1216.844
37.0	1155.131	1165.153	1182.032	1193.636	1205.767
37.5	1141.945	1151.967	1170.428	1183.087	1193.636
38.0	1128.759	1139.308	1157.769	1170.955	1180.977
38.5	1115.045	1126.121	1145.637	1159.879	1169.373
39.0	1102.913	1112.935	1132.978	1147.747	1159.879
39.5	1089.199	1100.803	1120.847	1135.616	1147.220
40.0	1074.431	1087.089	1108.188	1124.539	1135.088
40.5	1060.717	1073.903	1096.056	1112.935	1123.484
41.0	1048.058	1060.717	1083.397	1100.803	1111.353
41.5	1034.344	1047.530	1070.738	1088.672	1099.748
42.0	1020.630	1034.344	1058.079	1077.068	1088.144
42.5	1007.443	1020.630	1044.893	1064.936	1076.013
43.0	992.675	1007.443	1032.761	1053.332	1064.409
43.5	980.016	993.730	1019.575	1041.201	1052.805
44.0	965.774	980.016	1006.389	1029.597	1040.673
44.5	952.588	966.829	993.202	1016.938	1028.542
45.0	938.874	953.115	980.543	1005.861	1017.465
45.5	925.160	939.929	967.884	994.257	1005.861
46.0	911.446	926.215	954.170	981.598	993.730
46.5	897.732	912.501	942.566	971.049	982.125
47.0	883.491	899.315	929.380	958.390	970.521
47.5	869.777	885.601	916.193	946.258	958.390
48.0	856.591	871.887	903.007	935.182	946.258
48.5	841.822	858.700	890.875	922.523	934.654
49.0	828.635	844.459	877.161	910.391	922.523
49.5	814.922	831.273	864.503	898.787	910.919
50.0	800.680	817.559	851.844	886.128	898.787
50.5	787.494	804.372	838.657	875.579	887.711
51.0	773.780	790.658	827.053	863.448	876.107
51.5	760.593	776.945	813.867	851.844	864.503
52.0	746.352	763.758	801.208	839.712	852.898
52.5	732.638	750.044	789.076	827.580	841.822
53.0	718.397	736.858	776.417	817.031	829.690
53.5	704.683	723.671	764.286	804.900	818.614
54.0	691.497	710.485	752.154	793.296	807.537
54.5	678.838	696.771	740.023	782.747	796.461

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	665.651	684.112	727.891	770.615	786.439
55.5	654.575	670.926	715.760	759.539	774.307
56.0	641.916	659.322	704.155	748.462	763.231
56.5	628.729	647.190	692.024	737.385	752.682
57.0	616.070	635.059	680.420	726.309	741.605
57.5	602.884	622.400	670.398	715.760	729.473
58.0	589.697	609.741	658.794	704.155	720.507
58.5	577.038	597.082	647.190	694.134	709.958
59.0	564.379	584.423	636.113	685.167	698.881
59.5	551.720	572.291	626.092	674.090	690.442
60.0	539.061	559.632	615.015	663.541	679.892
60.5	526.666	547.501	603.939	653.520	669.343
61.0	514.218	535.369	592.862	643.498	659.322
61.5	501.876	523.343	581.785	633.476	649.827
62.0	489.744	511.423	571.236	623.982	639.806
62.5	477.771	499.608	560.160	614.488	630.311
63.0	465.639	487.845	549.611	604.466	621.872
63.5	453.613	476.241	539.589	594.972	612.378
64.0	441.904	464.795	529.040	584.950	602.884
64.5	430.247	453.613	519.018	575.456	593.389
65.0	418.696	442.378	508.944	565.962	584.423
65.5	407.303	431.407	498.975	556.467	574.928
66.0	395.751	420.436	489.111	546.973	565.962
66.5	384.464	409.729	479.300	538.006	556.995
67.0	373.440	399.127	469.542	528.512	548.028
67.5	362.363	388.683	459.996	519.651	539.061
68.0	351.445	378.503	450.501	510.684	530.622
68.5	340.685	368.376	441.218	501.981	521.814
69.0	329.977	358.354	432.040	493.225	513.480
69.5	319.428	348.544	422.968	484.733	505.199
70.0	308.932	338.891	414.054	476.399	496.970
70.5	298.699	329.344	405.140	468.066	488.847
71.0	288.572	319.903	396.384	459.837	480.830
71.5	278.550	310.672	387.839	451.820	472.918
72.0	268.739	301.389	379.295	443.855	465.217
72.5	258.876	292.422	370.961	436.049	457.569
73.0	249.276	283.508	362.680	428.348	449.868
73.5	239.940	274.700	354.662	420.700	442.378
74.0	230.710	266.155	346.539	413.316	434.836
74.5	221.638	257.557	338.786	405.984	427.715
75.0	212.618	249.171	331.085	398.810	420.805
75.5	203.757	240.995	323.490	391.690	413.790
76.0	195.159	232.978	316.105	384.622	406.933
76.5	186.614	225.066	308.774	377.712	400.076
77.0	178.175	217.207	301.547	370.855	393.430
77.5	169.894	209.559	294.427	364.209	386.837
78.0	161.718	202.069	287.517	357.669	380.349
78.5	153.701	194.684	280.660	351.076	373.914
79.0	145.842	187.511	274.014	344.693	367.585
79.5	138.036	180.390	267.474	338.469	361.256
80.0	130.335	173.375	260.933	332.298	355.242
80.5	122.845	166.571	254.604	326.074	349.124
81.0	115.566	159.872	248.538	320.061	343.164
81.5	108.181	153.332	242.472	314.101	337.203
82.0	101.061	146.950	236.565	308.352	331.454
82.5	94.098	140.673	230.763	302.602	325.810

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	87.241	134.554	225.066	297.064	320.325
83.5	80.437	128.594	219.633	291.420	314.628
84.0	73.791	122.792	214.359	286.093	309.195
84.5	67.198	117.201	209.190	280.818	303.868
85.0	60.869	111.768	204.126	275.596	298.541
85.5	54.539	106.599	199.168	270.533	293.372
86.0	48.315	101.641	194.315	265.575	288.255
86.5	42.144	96.999	189.726	260.617	283.139
87.0	36.078	92.516	185.085	255.922	278.128
87.5	30.012	88.349	180.707	251.175	273.328
88.0	23.999	84.288	176.382	246.586	268.476
88.5	17.934	80.490	172.215	242.050	263.781
89.0	12.395	76.903	168.259	237.672	259.140
89.5	7.859	73.580	164.408	233.453	254.604
90.0	4.694	70.627	160.874	229.444	250.437
90.5	3.323	68.042	157.604	225.435	246.006
91.0	3.534	65.668	154.281	221.374	241.786
91.5	4.220	63.400	150.958	217.523	237.567
92.0	5.011	61.502	147.794	213.620	233.453
92.5	5.855	59.866	145.104	209.875	229.391
93.0	6.699	58.442	142.308	206.341	225.488
93.5	7.595	57.335	139.671	202.860	221.796
94.0	8.545	56.385	137.192	199.590	218.209
94.5	9.441	55.699	134.871	196.267	214.517
95.0	10.338	55.172	132.708	192.997	210.983
95.5	11.182	54.803	130.704	189.885	207.502
96.0	11.868	54.645	128.963	186.878	204.073
96.5	12.553	54.645	127.223	184.083	200.908
97.0	13.186	54.697	125.640	181.393	197.744
97.5	13.872	54.908	124.163	178.808	194.843
98.0	14.452	55.119	122.845	176.276	191.889
98.5	15.138	55.383	121.737	173.850	189.146
99.0	15.824	55.699	120.577	171.582	186.456
99.5	16.562	56.069	119.575	169.419	183.819
100.0	17.195	56.438	118.783	167.415	181.445
100.5	17.934	56.860	117.992	165.463	179.019
101.0	18.566	57.282	117.412	163.617	176.856
101.5	19.199	57.704	116.832	161.877	174.641
102.0	19.780	58.126	116.410	160.242	172.690
102.5	20.360	58.548	115.988	158.712	170.738
103.0	20.940	59.022	115.671	157.182	168.997
103.5	21.573	59.497	115.408	155.864	167.204
104.0	22.259	59.919	115.144	154.650	165.569
104.5	22.944	60.394	114.986	153.490	164.039
105.0	23.577	60.869	114.827	152.435	162.562
105.5	24.158	61.291	114.669	151.327	161.296
106.0	24.843	61.818	114.616	150.378	160.031
106.5	25.476	62.293	114.616	149.481	158.765
107.0	26.109	62.820	114.616	148.637	157.710
107.5	26.689	63.242	114.616	148.005	156.602
108.0	27.428	63.770	114.616	147.266	155.494
108.5	28.113	64.297	114.669	146.739	154.756
109.0	28.799	64.719	114.775	146.053	154.018
109.5	29.538	65.194	114.827	145.578	153.226
110.0	30.276	65.668	114.933	145.051	152.593
110.5	31.014	66.143	115.038	144.576	152.013

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	31.753	66.618	115.091	144.154	151.380
111.5	32.491	67.040	115.144	143.838	150.853
112.0	33.283	67.515	115.249	143.521	150.220
112.5	34.074	67.989	115.355	143.152	149.640
113.0	34.918	68.464	115.513	142.888	149.376
113.5	35.709	68.886	115.513	142.624	149.007
114.0	36.553	69.308	115.619	142.413	148.637
114.5	37.344	69.783	115.724	142.150	148.321
115.0	38.188	70.152	115.830	141.992	148.057
115.5	39.032	70.627	115.830	141.833	147.794
116.0	39.823	71.048	115.988	141.622	147.477
116.5	40.561	71.470	116.093	141.411	147.372
117.0	41.405	71.945	116.199	141.411	147.108
117.5	42.197	72.314	116.304	141.200	146.950
118.0	42.882	72.684	116.410	141.095	146.739
118.5	43.673	73.053	116.463	140.937	146.686
119.0	44.359	73.422	116.568	140.778	146.369
119.5	45.098	73.686	116.674	140.620	146.317
120.0	45.783	73.950	116.621	140.515	146.053
120.5	46.469	74.266	116.674	140.304	146.000
121.0	47.155	74.477	116.779	140.145	145.789
121.5	47.893	74.741	116.726	139.934	145.684
122.0	48.579	75.057	116.726	139.829	145.525
122.5	49.265	75.374	116.779	139.618	145.156
123.0	49.950	75.690	116.726	139.407	145.104
123.5	50.583	75.954	116.621	139.249	144.787
124.0	51.111	76.165	116.621	139.090	144.734
124.5	51.638	76.376	116.621	138.827	144.523
125.0	52.166	76.640	116.515	138.563	144.312
125.5	52.693	76.798	116.410	138.405	144.049
126.0	53.168	77.009	116.357	138.088	143.838
126.5	53.590	77.272	116.252	137.877	143.679
127.0	54.064	77.378	116.146	137.614	143.468
127.5	54.434	77.536	115.988	137.350	143.099
128.0	54.908	77.536	115.935	137.033	142.888
128.5	55.278	77.642	115.724	136.770	142.677
129.0	55.647	77.747	115.513	136.506	142.413
129.5	55.963	77.905	115.144	136.084	142.097
130.0	56.227	78.011	114.775	135.820	141.781
130.5	56.491	78.116	114.353	135.504	141.411
131.0	56.649	78.275	113.931	135.029	141.042
131.5	56.860	78.433	113.509	134.607	140.673
132.0	57.071	78.591	113.034	134.343	140.356
132.5	57.176	78.644	112.507	133.816	139.882
133.0	57.335	78.697	112.296	133.341	139.301
133.5	57.387	78.644	111.979	132.972	139.038
134.0	57.440	78.538	111.768	132.550	138.669
134.5	57.598	78.327	111.504	132.075	137.983
135.0	57.757	78.169	111.188	131.442	137.455
135.5	57.704	77.747	110.924	131.020	137.033
136.0	57.809	77.694	110.555	130.493	136.506
136.5	57.915	77.536	110.291	129.913	135.978
137.0	57.968	77.272	109.869	129.438	135.398
137.5	58.020	77.009	109.500	128.805	134.871
138.0	58.126	76.851	108.973	128.278	134.238
138.5	58.126	76.640	108.287	127.697	133.763

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	58.073	76.481	107.496	127.012	133.025
139.5	58.073	76.270	106.546	126.273	132.497
140.0	58.073	76.007	105.491	125.588	131.759
140.5	58.073	75.848	104.542	124.744	130.968
141.0	58.073	75.743	103.487	123.847	130.335
141.5	58.073	75.532	102.432	123.056	129.702
142.0	58.020	75.426	101.430	122.054	129.016
142.5	57.968	75.268	100.375	121.157	128.225
143.0	57.915	75.110	99.373	120.313	127.434
143.5	57.915	74.899	98.213	119.416	126.695
144.0	57.915	74.635	97.210	118.731	125.851
144.5	58.073	74.424	96.208	117.939	125.113
145.0	58.284	74.213	95.101	117.254	124.269
145.5	58.653	73.950	94.098	116.568	123.425
146.0	59.128	73.739	93.149	115.830	122.634
146.5	59.603	73.528	92.358	115.038	121.737
147.0	60.077	73.264	91.461	114.247	120.840
147.5	60.499	73.158	90.775	113.456	119.944
148.0	60.974	72.947	90.037	112.559	118.994
148.5	61.396	72.895	89.457	111.715	118.045
149.0	61.923	72.895	88.824	110.872	117.201
149.5	62.293	73.053	88.244	109.975	116.146
150.0	62.715	73.158	87.663	109.131	115.038
150.5	63.084	73.211	87.030	108.181	113.878
151.0	63.348	73.369	86.187	107.232	112.507
151.5	63.611	73.422	85.290	106.230	111.241
152.0	63.928	73.528	84.446	105.175	109.975
152.5	64.244	73.633	83.655	104.067	108.603
153.0	64.455	73.686	82.811	102.801	107.496
153.5	64.719	73.844	81.914	101.483	106.230
154.0	64.930	73.791	81.123	100.006	105.175
154.5	65.194	73.844	80.437	98.582	104.120
155.0	65.299	73.950	79.752	96.947	103.329
155.5	65.510	74.002	79.066	95.417	102.485
156.0	65.668	74.002	78.591	93.782	101.747
156.5	65.932	74.002	78.116	92.147	100.797
157.0	66.038	74.108	77.642	90.670	99.900
157.5	66.196	74.108	77.325	89.246	98.898
158.0	66.407	74.055	77.167	87.769	97.949
158.5	66.460	74.055	76.956	86.556	96.841
159.0	66.723	73.897	76.798	85.395	95.892
159.5	66.934	73.791	76.534	84.288	94.837
160.0	67.198	73.686	76.270	83.391	93.782
160.5	67.515	73.633	76.059	82.547	92.780
161.0	67.726	73.475	76.007	81.650	91.778
161.5	68.042	73.422	75.901	80.754	91.039
162.0	68.306	73.317	76.059	80.015	90.406
162.5	68.569	73.317	76.165	79.224	89.668
163.0	68.886	73.264	76.218	78.380	89.035
163.5	69.150	73.264	76.323	77.483	88.244
164.0	69.255	73.264	76.429	76.376	87.505
164.5	69.413	73.158	76.323	75.532	86.556
165.0	69.572	73.158	76.165	74.688	85.606
165.5	69.730	73.106	76.007	74.108	84.604
166.0	69.888	73.053	75.901	73.475	83.075
166.5	70.046	73.053	75.743	72.947	82.336

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	70.257	73.053	75.585	72.473	81.756
167.5	70.363	73.053	75.268	72.051	81.176
168.0	70.521	73.053	75.004	71.629	80.701
168.5	70.838	72.842	74.635	71.259	80.121
169.0	70.996	72.895	74.371	70.890	79.541
169.5	71.259	72.736	73.950	70.468	78.908
170.0	71.365	72.684	73.580	69.941	78.327
170.5	71.523	72.578	73.106	69.361	77.694
171.0	71.629	72.473	72.578	68.728	76.903
171.5	71.787	72.473	72.103	68.147	76.270
172.0	72.051	72.367	71.840	67.567	75.321
172.5	72.209	72.367	71.523	66.934	74.266
173.0	72.420	72.262	71.259	66.354	72.473
173.5	72.684	72.314	71.154	65.774	69.783
174.0	72.895	72.314	71.101	65.299	66.460
174.5	73.053	72.314	70.996	64.825	62.504
175.0	73.369	72.473	70.943	64.455	58.020
175.5	73.475	72.525	70.890	64.297	53.326
176.0	73.686	72.631	70.890	64.139	50.267
176.5	73.739	72.684	70.838	64.139	48.104
177.0	73.950	72.789	70.732	63.981	45.889
177.5	74.002	72.789	70.574	63.928	45.414
178.0	74.213	72.895	70.521	63.875	45.520
178.5	74.319	72.947	70.574	63.770	45.625
179.0	74.424	72.947	70.521	63.611	45.678
179.5	74.530	72.947	70.468	63.559	45.731
180.0	66.829	66.829	66.829	66.829	66.829

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	603.87	N.A.	11.70
0-30	1265.32	N.A.	24.50
0-40	2032.56	N.A.	39.40
0-60	3439.84	N.A.	66.70
0-80	4285.42	N.A.	83.10
0-90	4498.08	N.A.	87.30
10-90	4340.65	N.A.	84.20
20-40	1428.68	N.A.	27.70
20-50	2184.23	N.A.	42.40
40-70	1908.57	N.A.	37.00
60-80	845.59	N.A.	16.40
70-80	344.29	N.A.	6.70
80-90	212.66	N.A.	4.10
90-110	248.39	N.A.	4.80
90-120	352.96	N.A.	6.80
90-130	449.20	N.A.	8.70
90-150	589.72	N.A.	11.40
90-180	656.90	N.A.	12.70
110-180	408.50	N.A.	7.90
0-180	5154.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	157.43
10-20	446.44
20-30	661.44
30-40	767.24
40-50	755.54
50-60	651.74
60-70	501.29
70-80	344.29
80-90	212.66
90-100	136.25
100-110	112.14
110-120	104.57
120-130	96.24
130-140	80.87
140-150	59.64
150-160	39.00
160-170	21.49
170-180	6.69

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-940-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-L65-940-DIM-UNV_.IES

UGR TABLE - CORRECTED

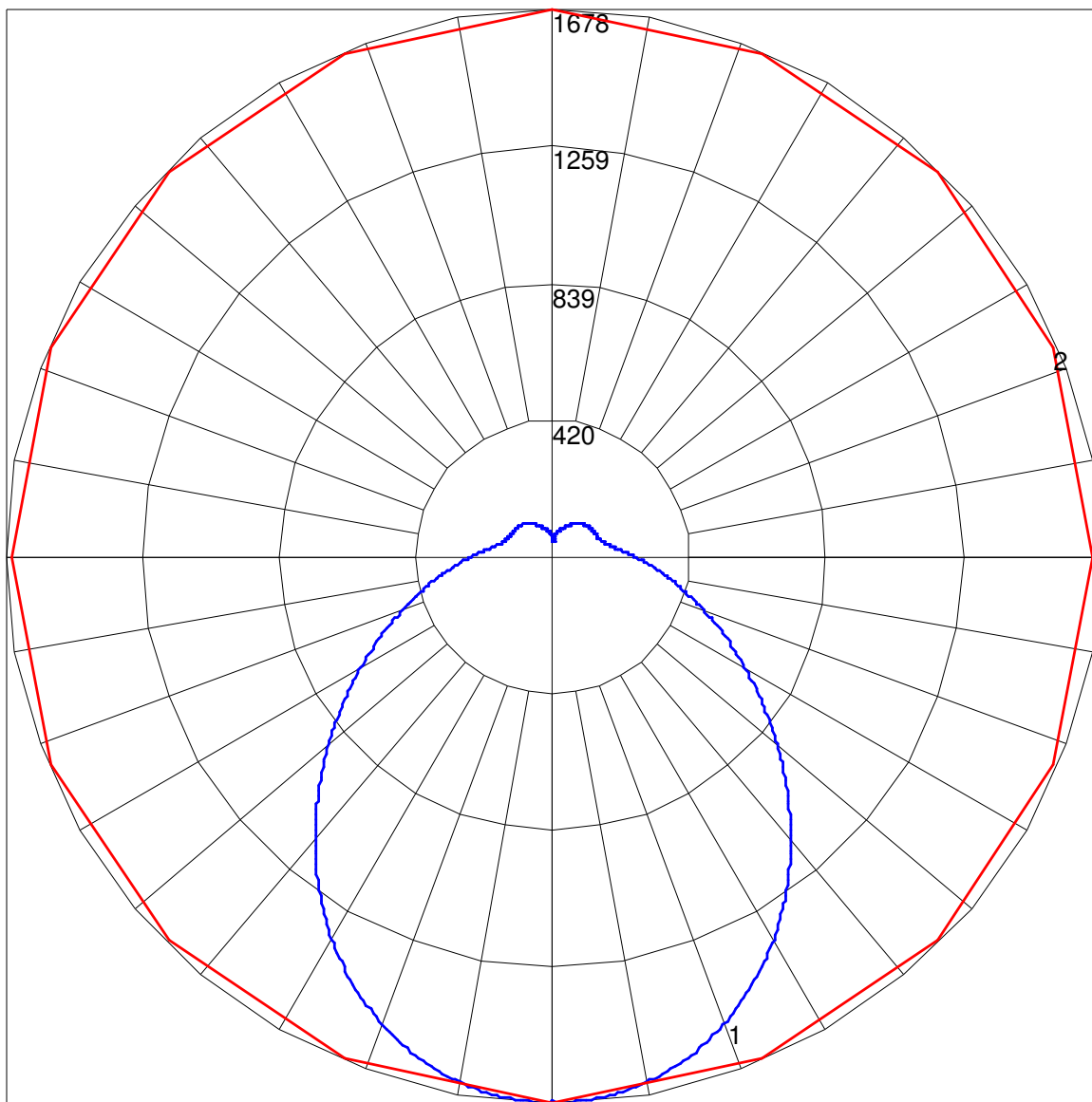
Reflectances

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	25.0	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	23.5	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 = 1678.369 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.)