

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L65-935-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-L65-935-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	4975
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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	10916	9778	9682
55	9453	8371	8499
65	7946	7169	7575
75	6373	6263	7080
85	4674	6161	7480

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-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	1610.149	1610.149	1610.149	1610.149	1610.149
0.5	1602.513	1608.622	1609.640	1609.131	1619.821
1.0	1602.513	1609.131	1609.131	1608.622	1619.312
1.5	1600.986	1609.131	1608.622	1608.113	1619.821
2.0	1600.477	1607.604	1608.622	1607.604	1618.294
2.5	1600.477	1607.604	1607.095	1607.095	1617.276
3.0	1598.950	1606.077	1606.077	1606.077	1616.258
3.5	1597.932	1604.549	1604.549	1605.059	1615.240
4.0	1596.914	1603.531	1603.531	1603.022	1614.222
4.5	1594.368	1602.004	1602.513	1602.004	1612.694
5.0	1592.841	1600.477	1600.477	1600.477	1611.167
5.5	1590.805	1598.441	1598.441	1598.950	1609.131
6.0	1589.787	1595.896	1596.405	1596.405	1607.095
6.5	1586.223	1593.859	1594.368	1594.368	1604.549
7.0	1584.187	1591.314	1591.823	1591.314	1602.513
7.5	1582.151	1588.260	1589.278	1589.278	1599.968
8.0	1579.606	1586.223	1586.223	1586.223	1596.405
8.5	1577.060	1582.660	1583.678	1583.678	1593.350
9.0	1572.988	1580.115	1580.624	1580.115	1589.787
9.5	1570.443	1576.551	1576.551	1576.551	1587.751
10.0	1566.370	1572.479	1572.479	1573.497	1583.678
10.5	1562.807	1568.915	1569.425	1569.425	1580.115
11.0	1559.243	1565.352	1565.861	1565.352	1576.042
11.5	1554.662	1561.280	1562.298	1561.280	1572.479
12.0	1550.589	1556.698	1557.716	1557.716	1567.897
12.5	1546.517	1552.117	1553.644	1552.626	1563.825
13.0	1541.935	1548.044	1549.062	1548.553	1559.243
13.5	1537.354	1542.954	1543.972	1543.972	1555.171
14.0	1531.754	1537.863	1538.881	1538.881	1549.571
14.5	1527.173	1532.772	1533.790	1533.790	1545.499
15.0	1522.591	1527.682	1528.191	1528.191	1539.390
15.5	1516.992	1521.573	1523.100	1523.100	1533.281
16.0	1510.883	1515.973	1517.501	1517.501	1528.191
16.5	1505.792	1509.865	1511.392	1511.901	1522.591
17.0	1498.666	1503.247	1505.283	1505.792	1516.483
17.5	1492.557	1497.138	1499.175	1499.684	1510.374
18.0	1486.957	1491.030	1492.557	1494.084	1504.774
18.5	1480.339	1484.921	1486.448	1487.466	1498.156
19.0	1473.722	1477.285	1479.830	1480.849	1491.030
19.5	1466.086	1471.176	1473.213	1475.249	1484.412
20.0	1457.941	1463.541	1466.086	1467.613	1477.285
20.5	1449.796	1456.923	1458.959	1460.995	1470.667
21.0	1443.178	1448.778	1450.305	1454.378	1463.541
21.5	1435.542	1441.142	1443.687	1445.724	1455.905
22.0	1427.397	1434.015	1436.560	1438.597	1449.287
22.5	1420.271	1424.852	1428.416	1431.470	1441.651
23.0	1411.617	1416.707	1420.271	1423.325	1433.506
23.5	1402.454	1408.053	1412.635	1415.689	1425.870
24.0	1393.291	1399.399	1403.981	1407.544	1417.725
24.5	1385.655	1390.745	1395.836	1398.890	1408.562
25.0	1377.001	1382.091	1387.691	1390.745	1400.417
25.5	1367.329	1373.437	1378.019	1382.600	1390.745
26.0	1358.166	1363.765	1369.874	1373.946	1383.109
26.5	1348.494	1354.093	1361.220	1364.783	1374.455

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1338.821	1343.912	1352.566	1357.148	1365.801
27.5	1327.622	1334.240	1342.894	1346.966	1357.148
28.0	1319.477	1324.568	1333.222	1337.803	1347.475
28.5	1308.787	1314.896	1323.550	1328.131	1337.803
29.0	1298.606	1304.715	1313.369	1318.968	1328.640
29.5	1287.916	1294.024	1303.187	1308.787	1318.459
30.0	1277.225	1283.843	1293.006	1300.133	1309.805
30.5	1266.026	1272.644	1283.334	1290.461	1299.624
31.0	1255.336	1261.954	1272.644	1280.280	1288.934
31.5	1244.137	1251.773	1262.463	1270.608	1279.771
32.0	1233.447	1240.064	1252.282	1259.918	1269.081
32.5	1221.738	1228.865	1241.591	1249.736	1258.899
33.0	1210.539	1218.175	1229.883	1239.555	1248.718
33.5	1199.849	1206.976	1219.702	1228.356	1238.028
34.0	1187.122	1195.267	1208.503	1218.175	1228.356
34.5	1175.414	1184.068	1197.812	1206.976	1217.157
35.0	1164.724	1171.851	1187.122	1196.794	1206.466
35.5	1150.979	1160.651	1175.414	1185.595	1195.267
36.0	1140.289	1148.434	1164.215	1174.396	1184.577
36.5	1127.053	1136.217	1152.506	1163.706	1174.396
37.0	1114.836	1124.508	1140.798	1151.997	1163.706
37.5	1102.110	1111.782	1129.599	1141.816	1151.997
38.0	1089.383	1099.564	1117.381	1130.108	1139.780
38.5	1076.148	1086.838	1105.673	1119.418	1128.581
39.0	1064.439	1074.111	1093.456	1107.709	1119.418
39.5	1051.204	1062.403	1081.747	1096.001	1107.200
40.0	1036.950	1049.168	1069.530	1085.311	1095.492
40.5	1023.715	1036.441	1057.822	1074.111	1084.293
41.0	1011.497	1023.715	1045.604	1062.403	1072.584
41.5	998.262	1010.988	1033.387	1050.695	1061.385
42.0	985.026	998.262	1021.170	1039.496	1050.186
42.5	972.300	985.026	1008.443	1027.787	1038.477
43.0	958.046	972.300	996.735	1016.588	1027.278
43.5	945.829	959.064	984.008	1004.880	1016.079
44.0	932.084	945.829	971.282	993.680	1004.371
44.5	919.358	933.103	958.555	981.463	992.662
45.0	906.122	919.867	946.338	970.773	981.972
45.5	892.887	907.141	934.121	959.574	970.773
46.0	879.652	893.905	920.885	947.356	959.064
46.5	866.416	880.670	909.686	937.175	947.865
47.0	852.671	867.943	896.959	924.958	936.666
47.5	839.436	854.708	884.233	913.249	924.958
48.0	826.710	841.472	871.507	902.559	913.249
48.5	812.456	828.746	859.798	890.342	902.050
49.0	799.729	815.001	846.563	878.633	890.342
49.5	786.494	802.275	834.345	867.434	879.142
50.0	772.749	789.039	822.128	855.217	867.434
50.5	760.023	776.313	809.402	845.036	856.744
51.0	746.787	763.077	798.202	833.327	845.545
51.5	734.061	749.842	785.476	822.128	834.345
52.0	720.316	737.115	773.258	810.420	823.146
52.5	707.081	723.880	761.550	798.711	812.456
53.0	693.336	711.153	749.333	788.530	800.748
53.5	680.101	698.427	737.624	776.822	790.057
54.0	667.374	685.701	725.916	765.623	779.367
54.5	655.157	672.465	714.208	755.441	768.677

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	642.431	660.248	702.499	743.733	759.005
55.5	631.740	647.521	690.791	733.043	747.297
56.0	619.523	636.322	679.592	722.353	736.606
56.5	606.797	624.614	667.884	711.662	726.425
57.0	594.579	612.905	656.684	700.972	715.735
57.5	581.853	600.688	647.012	690.791	704.027
58.0	569.126	588.471	635.813	679.592	695.373
58.5	556.909	576.253	624.614	669.920	685.192
59.0	544.692	564.036	613.923	661.266	674.501
59.5	532.474	552.327	604.251	650.576	666.356
60.0	520.257	540.110	593.561	640.394	656.175
60.5	508.294	528.402	582.871	630.722	645.994
61.0	496.280	516.693	572.181	621.050	636.322
61.5	484.368	505.087	561.491	611.378	627.159
62.0	472.660	493.582	551.309	602.215	617.487
62.5	461.104	482.179	540.619	593.052	608.324
63.0	449.396	470.827	530.438	583.380	600.179
63.5	437.790	459.628	520.766	574.217	591.016
64.0	426.488	448.582	510.585	564.545	581.853
64.5	415.238	437.790	500.913	555.382	572.690
65.0	404.090	426.947	491.190	546.219	564.036
65.5	393.094	416.358	481.568	537.056	554.873
66.0	381.946	405.770	472.049	527.893	546.219
66.5	371.052	395.436	462.581	519.239	537.565
67.0	360.413	385.204	453.163	510.076	528.911
67.5	349.723	375.125	443.949	501.524	520.257
68.0	339.185	365.300	434.786	492.870	512.112
68.5	328.800	355.526	425.827	484.470	503.611
69.0	318.466	345.854	416.969	476.020	495.568
69.5	308.285	336.385	408.213	467.824	487.575
70.0	298.155	327.069	399.610	459.781	479.634
70.5	288.279	317.856	391.007	451.738	471.795
71.0	278.505	308.743	382.557	443.796	464.057
71.5	268.833	299.835	374.310	436.059	456.421
72.0	259.365	290.876	366.063	428.372	448.989
72.5	249.845	282.222	358.020	420.838	441.607
73.0	240.581	273.618	350.028	413.406	434.175
73.5	231.570	265.117	342.290	406.024	426.947
74.0	222.662	256.870	334.451	398.898	419.667
74.5	213.906	248.573	326.968	391.822	412.795
75.0	205.201	240.479	319.535	384.898	406.126
75.5	196.649	232.588	312.205	378.026	399.356
76.0	188.351	224.851	305.078	371.205	392.738
76.5	180.105	217.215	298.002	364.536	386.120
77.0	171.960	209.630	291.028	357.918	379.706
77.5	163.967	202.249	284.156	351.504	373.343
78.0	156.077	195.020	277.487	345.192	367.081
78.5	148.339	187.893	270.870	338.829	360.871
79.0	140.754	180.970	264.455	332.669	354.762
79.5	133.220	174.098	258.143	326.662	348.654
80.0	125.788	167.327	251.831	320.706	342.850
80.5	118.560	160.760	245.722	314.699	336.945
81.0	111.535	154.295	239.868	308.896	331.193
81.5	104.408	147.983	234.014	303.144	325.441
82.0	97.535	141.823	228.312	297.595	319.892
82.5	90.816	135.766	222.713	292.046	314.445

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	84.198	129.861	217.215	286.701	309.151
83.5	77.631	124.108	211.972	281.254	303.653
84.0	71.217	118.509	206.881	276.113	298.410
84.5	64.854	113.113	201.892	271.022	293.268
85.0	58.745	107.869	197.005	265.983	288.127
85.5	52.637	102.881	192.220	261.096	283.138
86.0	46.630	98.095	187.537	256.310	278.200
86.5	40.674	93.616	183.108	251.525	273.262
87.0	34.820	89.289	178.628	246.995	268.426
87.5	28.965	85.267	174.403	242.413	263.794
88.0	23.162	81.347	170.229	237.984	259.110
88.5	17.308	77.682	166.207	233.607	254.580
89.0	11.963	74.221	162.389	229.381	250.100
89.5	7.585	71.014	158.673	225.309	245.722
90.0	4.531	68.163	155.263	221.440	241.701
90.5	3.207	65.668	152.106	217.571	237.424
91.0	3.411	63.378	148.899	213.651	233.352
91.5	4.072	61.189	145.692	209.935	229.280
92.0	4.836	59.356	142.638	206.168	225.309
92.5	5.651	57.778	140.042	202.554	221.389
93.0	6.465	56.404	137.344	199.143	217.622
93.5	7.330	55.335	134.798	195.784	214.059
94.0	8.247	54.418	132.406	192.627	210.597
94.5	9.112	53.756	130.166	189.420	207.034
95.0	9.978	53.247	128.079	186.264	203.623
95.5	10.792	52.891	126.144	183.261	200.263
96.0	11.454	52.738	124.465	180.359	196.954
96.5	12.116	52.738	122.785	177.661	193.900
97.0	12.726	52.789	121.258	175.065	190.846
97.5	13.388	52.993	119.832	172.571	188.046
98.0	13.948	53.197	118.560	170.127	185.195
98.5	14.610	53.451	117.490	167.785	182.548
99.0	15.272	53.756	116.371	165.596	179.952
99.5	15.984	54.113	115.403	163.509	177.407
100.0	16.595	54.469	114.640	161.575	175.116
100.5	17.308	54.876	113.876	159.691	172.774
101.0	17.919	55.284	113.316	157.910	170.687
101.5	18.530	55.691	112.756	156.230	168.549
102.0	19.090	56.098	112.349	154.652	166.665
102.5	19.650	56.505	111.942	153.175	164.782
103.0	20.210	56.964	111.636	151.699	163.102
103.5	20.820	57.422	111.382	150.427	161.371
104.0	21.482	57.829	111.127	149.256	159.793
104.5	22.144	58.287	110.975	148.136	158.317
105.0	22.755	58.745	110.822	147.118	156.892
105.5	23.315	59.152	110.669	146.049	155.670
106.0	23.977	59.662	110.618	145.132	154.448
106.5	24.587	60.120	110.618	144.267	153.226
107.0	25.198	60.629	110.618	143.452	152.208
107.5	25.758	61.036	110.618	142.842	151.139
108.0	26.471	61.545	110.618	142.129	150.070
108.5	27.133	62.054	110.669	141.620	149.357
109.0	27.795	62.461	110.771	140.958	148.645
109.5	28.507	62.920	110.822	140.500	147.881
110.0	29.220	63.378	110.924	139.991	147.270
110.5	29.933	63.836	111.025	139.533	146.710

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	30.645	64.294	111.076	139.125	146.100
111.5	31.358	64.701	111.127	138.820	145.590
112.0	32.122	65.159	111.229	138.515	144.980
112.5	32.885	65.618	111.331	138.158	144.420
113.0	33.700	66.076	111.484	137.904	144.165
113.5	34.463	66.483	111.484	137.649	143.809
114.0	35.278	66.890	111.585	137.446	143.452
114.5	36.041	67.348	111.687	137.191	143.147
115.0	36.856	67.705	111.789	137.038	142.892
115.5	37.670	68.163	111.789	136.886	142.638
116.0	38.434	68.570	111.942	136.682	142.332
116.5	39.147	68.977	112.044	136.478	142.231
117.0	39.961	69.435	112.145	136.478	141.976
117.5	40.725	69.792	112.247	136.275	141.823
118.0	41.386	70.148	112.349	136.173	141.620
118.5	42.150	70.504	112.400	136.020	141.569
119.0	42.812	70.861	112.502	135.867	141.263
119.5	43.524	71.115	112.604	135.715	141.213
120.0	44.186	71.370	112.553	135.613	140.958
120.5	44.848	71.675	112.604	135.409	140.907
121.0	45.510	71.879	112.705	135.257	140.704
121.5	46.222	72.133	112.654	135.053	140.602
122.0	46.884	72.439	112.654	134.951	140.449
122.5	47.546	72.744	112.705	134.748	140.093
123.0	48.208	73.050	112.654	134.544	140.042
123.5	48.819	73.304	112.553	134.391	139.736
124.0	49.328	73.508	112.553	134.238	139.685
124.5	49.837	73.712	112.553	133.984	139.482
125.0	50.346	73.966	112.451	133.729	139.278
125.5	50.855	74.119	112.349	133.577	139.024
126.0	51.313	74.322	112.298	133.271	138.820
126.5	51.720	74.577	112.196	133.068	138.667
127.0	52.178	74.679	112.094	132.813	138.464
127.5	52.535	74.831	111.942	132.559	138.107
128.0	52.993	74.831	111.891	132.253	137.904
128.5	53.349	74.933	111.687	131.999	137.700
129.0	53.706	75.035	111.484	131.744	137.446
129.5	54.011	75.188	111.127	131.337	137.140
130.0	54.266	75.290	110.771	131.082	136.835
130.5	54.520	75.391	110.364	130.777	136.478
131.0	54.673	75.544	109.956	130.319	136.122
131.5	54.876	75.697	109.549	129.911	135.766
132.0	55.080	75.850	109.091	129.657	135.460
132.5	55.182	75.900	108.582	129.148	135.002
133.0	55.335	75.951	108.378	128.690	134.442
133.5	55.385	75.900	108.073	128.333	134.188
134.0	55.436	75.799	107.869	127.926	133.831
134.5	55.589	75.595	107.615	127.468	133.169
135.0	55.742	75.442	107.309	126.857	132.660
135.5	55.691	75.035	107.055	126.450	132.253
136.0	55.793	74.984	106.698	125.941	131.744
136.5	55.895	74.831	106.444	125.381	131.235
137.0	55.945	74.577	106.037	124.923	130.675
137.5	55.996	74.322	105.680	124.312	130.166
138.0	56.098	74.170	105.171	123.803	129.555
138.5	56.098	73.966	104.510	123.243	129.097

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	56.047	73.813	103.746	122.581	128.384
139.5	56.047	73.610	102.830	121.868	127.875
140.0	56.047	73.355	101.812	121.207	127.163
140.5	56.047	73.202	100.895	120.392	126.399
141.0	56.047	73.101	99.877	119.527	125.788
141.5	56.047	72.897	98.859	118.763	125.177
142.0	55.996	72.795	97.892	117.796	124.515
142.5	55.945	72.643	96.874	116.931	123.752
143.0	55.895	72.490	95.906	116.116	122.988
143.5	55.895	72.286	94.787	115.251	122.276
144.0	55.895	72.032	93.819	114.589	121.461
144.5	56.047	71.828	92.852	113.825	120.748
145.0	56.251	71.624	91.783	113.164	119.934
145.5	56.607	71.370	90.816	112.502	119.119
146.0	57.065	71.166	89.900	111.789	118.356
146.5	57.524	70.963	89.136	111.025	117.490
147.0	57.982	70.708	88.271	110.262	116.625
147.5	58.389	70.606	87.609	109.498	115.760
148.0	58.847	70.403	86.896	108.633	114.843
148.5	59.254	70.352	86.336	107.818	113.927
149.0	59.763	70.352	85.725	107.004	113.113
149.5	60.120	70.504	85.165	106.139	112.094
150.0	60.527	70.606	84.605	105.324	111.025
150.5	60.883	70.657	83.995	104.408	109.906
151.0	61.138	70.810	83.180	103.491	108.582
151.5	61.392	70.861	82.315	102.524	107.360
152.0	61.698	70.963	81.500	101.506	106.139
152.5	62.003	71.064	80.737	100.437	104.815
153.0	62.207	71.115	79.922	99.215	103.746
153.5	62.461	71.268	79.057	97.943	102.524
154.0	62.665	71.217	78.293	96.517	101.506
154.5	62.920	71.268	77.631	95.143	100.488
155.0	63.021	71.370	76.970	93.565	99.724
155.5	63.225	71.421	76.308	92.089	98.910
156.0	63.378	71.421	75.850	90.510	98.197
156.5	63.632	71.421	75.391	88.932	97.281
157.0	63.734	71.523	74.933	87.507	96.416
157.5	63.887	71.523	74.628	86.133	95.448
158.0	64.090	71.472	74.475	84.707	94.532
158.5	64.141	71.472	74.272	83.536	93.463
159.0	64.396	71.319	74.119	82.416	92.547
159.5	64.599	71.217	73.864	81.347	91.529
160.0	64.854	71.115	73.610	80.482	90.510
160.5	65.159	71.064	73.406	79.668	89.543
161.0	65.363	70.912	73.355	78.802	88.576
161.5	65.668	70.861	73.253	77.937	87.863
162.0	65.923	70.759	73.406	77.224	87.252
162.5	66.177	70.759	73.508	76.460	86.540
163.0	66.483	70.708	73.559	75.646	85.929
163.5	66.737	70.708	73.661	74.781	85.165
164.0	66.839	70.708	73.762	73.712	84.453
164.5	66.992	70.606	73.661	72.897	83.536
165.0	67.145	70.606	73.508	72.083	82.620
165.5	67.297	70.555	73.355	71.523	81.653
166.0	67.450	70.504	73.253	70.912	80.177
166.5	67.603	70.504	73.101	70.403	79.464

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	67.806	70.504	72.948	69.945	78.904
167.5	67.908	70.504	72.643	69.537	78.344
168.0	68.061	70.504	72.388	69.130	77.886
168.5	68.366	70.301	72.032	68.774	77.326
169.0	68.519	70.352	71.777	68.417	76.766
169.5	68.774	70.199	71.370	68.010	76.155
170.0	68.875	70.148	71.014	67.501	75.595
170.5	69.028	70.046	70.555	66.941	74.984
171.0	69.130	69.945	70.046	66.330	74.221
171.5	69.283	69.945	69.588	65.770	73.610
172.0	69.537	69.843	69.334	65.210	72.693
172.5	69.690	69.843	69.028	64.599	71.675
173.0	69.894	69.741	68.774	64.039	69.945
173.5	70.148	69.792	68.672	63.479	67.348
174.0	70.352	69.792	68.621	63.021	64.141
174.5	70.504	69.792	68.519	62.563	60.323
175.0	70.810	69.945	68.468	62.207	55.996
175.5	70.912	69.995	68.417	62.054	51.466
176.0	71.115	70.097	68.417	61.901	48.513
176.5	71.166	70.148	68.366	61.901	46.426
177.0	71.370	70.250	68.265	61.749	44.288
177.5	71.421	70.250	68.112	61.698	43.830
178.0	71.624	70.352	68.061	61.647	43.932
178.5	71.726	70.403	68.112	61.545	44.033
179.0	71.828	70.403	68.061	61.392	44.084
179.5	71.930	70.403	68.010	61.341	44.135
180.0	64.498	64.498	64.498	64.498	64.498

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	582.81	N.A.	11.70
0-30	1221.18	N.A.	24.50
0-40	1961.65	N.A.	39.40
0-60	3319.84	N.A.	66.70
0-80	4135.93	N.A.	83.10
0-90	4341.17	N.A.	87.30
10-90	4189.23	N.A.	84.20
20-40	1378.85	N.A.	27.70
20-50	2108.03	N.A.	42.40
40-70	1842.00	N.A.	37.00
60-80	816.09	N.A.	16.40
70-80	332.28	N.A.	6.70
80-90	205.24	N.A.	4.10
90-110	239.73	N.A.	4.80
90-120	340.65	N.A.	6.80
90-130	433.53	N.A.	8.70
90-150	569.15	N.A.	11.40
90-180	633.98	N.A.	12.70
110-180	394.25	N.A.	7.90
0-180	4975.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	151.94
10-20	430.87
20-30	638.37
30-40	740.48
40-50	729.19
50-60	629.00
60-70	483.81
70-80	332.28
80-90	205.24
90-100	131.50
100-110	108.23
110-120	100.92
120-130	92.88
130-140	78.05
140-150	57.56
150-160	37.64
160-170	20.74
170-180	6.46

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-935-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-L65-935-DIM-UNV_.IES

UGR TABLE - CORRECTED

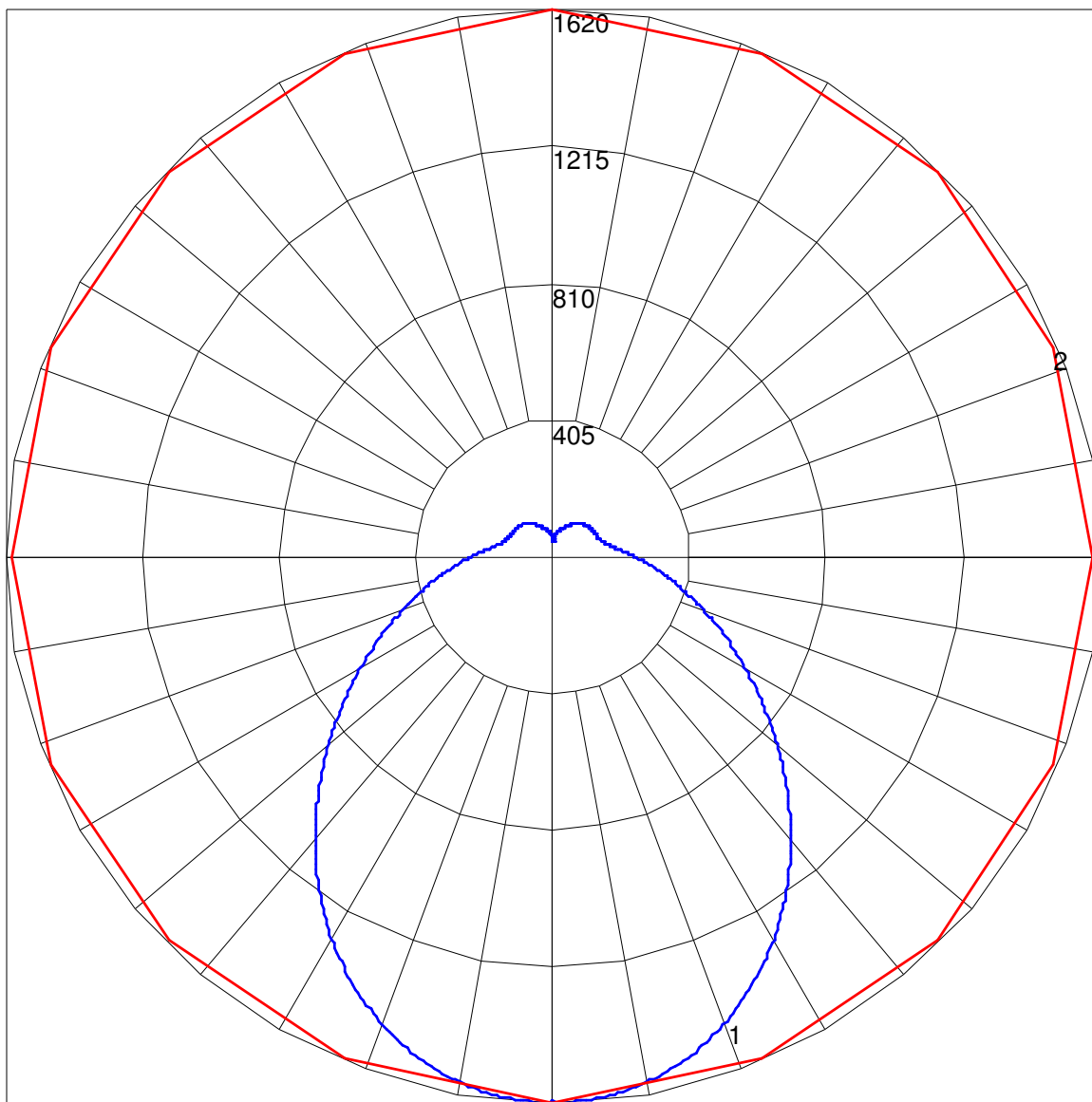
Reflectances

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	17.4	18.8	18.0	19.3	19.9	19.1	20.4	19.6	21.0	21.6
	3H	18.8	20.0	19.3	20.6	21.2	21.3	22.5	21.8	23.1	23.7
	4H	19.2	20.4	19.8	21.0	21.6	22.3	23.5	22.9	24.1	24.8
	6H	19.5	20.6	20.1	21.2	21.9	23.5	24.5	24.1	25.1	25.8
	8H	19.6	20.6	20.2	21.2	21.9	24.0	25.1	24.7	25.7	26.4
	12H	19.6	20.6	20.2	21.2	21.9	24.7	25.7	25.3	26.3	27.0
4H	2H	18.1	19.3	18.7	19.9	20.6	19.5	20.6	20.1	21.2	21.9
	3H	19.7	20.7	20.3	21.3	22.0	21.9	22.9	22.5	23.5	24.2
	4H	20.3	21.2	20.9	21.8	22.6	23.2	24.0	23.8	24.7	25.4
	6H	20.7	21.5	21.4	22.2	22.9	24.5	25.3	25.1	25.9	26.7
	8H	20.8	21.6	21.5	22.2	23.0	25.2	25.9	25.8	26.6	27.3
	12H	20.9	21.6	21.6	22.3	23.0	26.0	26.6	26.6	27.3	28.1
8H	4H	20.9	21.6	21.5	22.3	23.0	23.3	24.1	24.0	24.7	25.5
	6H	21.5	22.1	22.1	22.8	23.5	24.9	25.5	25.5	26.2	26.9
	8H	21.7	22.2	22.3	22.9	23.7	25.7	26.3	26.4	27.0	27.7
	12H	21.8	22.3	22.5	23.0	23.8	26.7	27.2	27.4	27.9	28.7
12H	4H	21.0	21.7	21.7	22.4	23.1	23.4	24.0	24.0	24.7	25.5
	6H	21.7	22.3	22.4	23.0	23.8	24.9	25.5	25.6	26.1	26.9
	8H	22.0	22.5	22.7	23.2	24.0	25.8	26.3	26.5	27.0	27.8

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 1619.821 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.)