

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L65-927-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-L65-927-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	4795
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
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	10522	9424	9332
55	9111	8068	8192
65	7659	6910	7301
75	6142	6037	6824
85	4505	5938	7210

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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	1551.951	1551.951	1551.951	1551.951	1551.951
0.5	1544.591	1550.479	1551.460	1550.970	1561.273
1.0	1544.591	1550.970	1550.970	1550.479	1560.783
1.5	1543.119	1550.970	1550.479	1549.988	1561.273
2.0	1542.628	1549.498	1550.479	1549.498	1559.801
2.5	1542.628	1549.498	1549.007	1549.007	1558.820
3.0	1541.156	1548.026	1548.026	1548.026	1557.839
3.5	1540.175	1546.554	1546.554	1547.044	1556.858
4.0	1539.194	1545.572	1545.572	1545.082	1555.876
4.5	1536.741	1544.100	1544.591	1544.100	1554.404
5.0	1535.269	1542.628	1542.628	1542.628	1552.932
5.5	1533.306	1540.666	1540.666	1541.156	1550.970
6.0	1532.325	1538.213	1538.703	1538.703	1549.007
6.5	1528.890	1536.250	1536.741	1536.741	1546.554
7.0	1526.927	1533.797	1534.287	1533.797	1544.591
7.5	1524.965	1530.853	1531.834	1531.834	1542.138
8.0	1522.511	1528.890	1528.890	1528.890	1538.703
8.5	1520.058	1525.455	1526.437	1526.437	1535.759
9.0	1516.133	1523.002	1523.493	1523.002	1532.325
9.5	1513.680	1519.568	1519.568	1519.568	1530.362
10.0	1509.754	1515.642	1515.642	1516.624	1526.437
10.5	1506.320	1512.208	1512.698	1512.698	1523.002
11.0	1502.885	1508.773	1509.264	1508.773	1519.077
11.5	1498.469	1504.848	1505.829	1504.848	1515.642
12.0	1494.544	1500.432	1501.413	1501.413	1511.226
12.5	1490.619	1496.016	1497.488	1496.507	1507.301
13.0	1486.203	1492.091	1493.072	1492.581	1502.885
13.5	1481.787	1487.184	1488.165	1488.165	1498.960
14.0	1476.390	1482.278	1483.259	1483.259	1493.563
14.5	1471.974	1477.371	1478.352	1478.352	1489.637
15.0	1467.558	1472.464	1472.955	1472.955	1483.749
15.5	1462.161	1466.576	1468.048	1468.048	1477.862
16.0	1456.273	1461.179	1462.651	1462.651	1472.955
16.5	1451.366	1455.291	1456.763	1457.254	1467.558
17.0	1444.497	1448.913	1450.875	1451.366	1461.670
17.5	1438.609	1443.025	1444.988	1445.478	1455.782
18.0	1433.212	1437.137	1438.609	1440.081	1450.385
18.5	1426.833	1431.249	1432.721	1433.702	1444.006
19.0	1420.455	1423.889	1426.343	1427.324	1437.137
19.5	1413.095	1418.001	1419.964	1421.927	1430.758
20.0	1405.244	1410.641	1413.095	1414.567	1423.889
20.5	1397.394	1404.263	1406.226	1408.188	1417.511
21.0	1391.015	1396.412	1397.884	1401.810	1410.641
21.5	1383.655	1389.053	1391.506	1393.468	1403.282
22.0	1375.805	1382.183	1384.637	1386.599	1396.903
22.5	1368.936	1373.351	1376.786	1379.730	1389.543
23.0	1360.594	1365.501	1368.936	1371.879	1381.693
23.5	1351.763	1357.160	1361.576	1364.520	1374.333
24.0	1342.931	1348.819	1353.234	1356.669	1366.482
24.5	1335.571	1340.477	1345.384	1348.328	1357.650
25.0	1327.230	1332.136	1337.533	1340.477	1349.800
25.5	1317.907	1323.795	1328.211	1332.627	1340.477
26.0	1309.075	1314.473	1320.360	1324.286	1333.118
26.5	1299.753	1305.150	1312.019	1315.454	1324.776

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**CANDELA TABULATION - (Cont.)**

27.0	1290.430	1295.337	1303.678	1308.094	1316.435
27.5	1279.636	1286.014	1294.356	1298.281	1308.094
28.0	1271.785	1276.692	1285.033	1289.449	1298.771
28.5	1261.481	1267.369	1275.711	1280.126	1289.449
29.0	1251.668	1257.556	1265.897	1271.295	1280.617
29.5	1241.364	1247.252	1256.084	1261.481	1270.804
30.0	1231.061	1237.439	1246.271	1253.140	1262.463
30.5	1220.266	1226.645	1236.949	1243.818	1252.650
31.0	1209.962	1216.341	1226.645	1234.005	1242.346
31.5	1199.168	1206.528	1216.832	1224.682	1233.514
32.0	1188.864	1195.243	1207.018	1214.378	1223.210
32.5	1177.579	1184.448	1196.715	1204.565	1213.397
33.0	1166.784	1174.144	1185.429	1194.752	1203.584
33.5	1156.481	1163.350	1175.616	1183.958	1193.280
34.0	1144.214	1152.065	1164.822	1174.144	1183.958
34.5	1132.929	1141.270	1154.518	1163.350	1173.163
35.0	1122.625	1129.494	1144.214	1153.537	1162.859
35.5	1109.378	1118.700	1132.929	1142.742	1152.065
36.0	1099.074	1106.924	1122.135	1131.948	1141.761
36.5	1086.317	1095.148	1110.849	1121.644	1131.948
37.0	1074.541	1083.863	1099.564	1110.359	1121.644
37.5	1062.274	1071.597	1088.770	1100.546	1110.359
38.0	1050.008	1059.821	1076.994	1089.261	1098.583
38.5	1037.251	1047.555	1065.709	1078.957	1087.789
39.0	1025.966	1035.288	1053.933	1067.672	1078.957
39.5	1013.209	1024.003	1042.648	1056.386	1067.181
40.0	999.470	1011.246	1030.872	1046.083	1055.896
40.5	986.713	998.979	1019.587	1035.288	1045.101
41.0	974.937	986.713	1007.811	1024.003	1033.816
41.5	962.180	974.447	996.036	1012.718	1023.022
42.0	949.423	962.180	984.260	1001.923	1012.227
42.5	937.157	949.423	971.993	990.638	1000.942
43.0	923.418	937.157	960.708	979.844	990.148
43.5	911.642	924.399	948.442	968.559	979.353
44.0	898.395	911.642	936.175	957.764	968.068
44.5	886.128	899.376	923.909	945.988	956.783
45.0	873.371	886.619	912.133	935.685	946.479
45.5	860.614	874.352	900.357	924.890	935.685
46.0	847.857	861.595	887.600	913.114	924.399
46.5	835.100	848.838	876.806	903.301	913.605
47.0	821.852	836.572	864.539	891.525	902.811
47.5	809.095	823.815	852.273	880.240	891.525
48.0	796.828	811.058	840.006	869.936	880.240
48.5	783.090	798.791	828.721	858.161	869.446
49.0	770.824	785.543	815.964	846.876	858.161
49.5	758.066	773.277	804.188	836.081	847.366
50.0	744.819	760.520	792.413	824.305	836.081
50.5	732.552	748.253	780.146	814.492	825.777
51.0	719.795	735.496	769.352	803.207	814.983
51.5	707.529	722.739	757.085	792.413	804.188
52.0	694.281	710.473	745.309	781.127	793.394
52.5	681.524	697.716	734.024	769.842	783.090
53.0	668.276	685.449	722.248	760.029	771.805
53.5	655.519	673.183	710.963	748.744	761.501
54.0	643.253	660.916	699.678	737.949	751.197
54.5	631.477	648.159	688.393	728.136	740.893

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**CANDELA TABULATION - (Cont.)**

55.0	619.210	636.383	677.108	716.851	731.571
55.5	608.906	624.117	665.823	706.547	720.286
56.0	597.131	613.322	655.028	696.244	709.982
56.5	584.864	602.037	643.743	685.940	700.169
57.0	573.088	590.752	632.949	675.636	689.865
57.5	560.822	578.976	623.626	665.823	678.580
58.0	548.556	567.201	612.832	655.028	670.239
58.5	536.780	555.425	602.037	645.706	660.426
59.0	525.004	543.649	591.733	637.365	650.122
59.5	513.228	532.364	582.411	627.061	642.271
60.0	501.452	520.588	572.107	617.248	632.458
60.5	489.922	509.303	561.803	607.925	622.645
61.0	478.342	498.018	551.499	598.603	613.322
61.5	466.861	486.831	541.196	589.280	604.491
62.0	455.576	475.742	531.383	580.448	595.168
62.5	444.438	464.751	521.079	571.616	586.336
63.0	433.153	453.809	511.266	562.294	578.486
63.5	421.966	443.015	501.943	553.462	569.654
64.0	411.073	432.368	492.130	544.140	560.822
64.5	400.230	421.966	482.807	535.308	551.990
65.0	389.484	411.515	473.436	526.476	543.649
65.5	378.886	401.309	464.162	517.644	534.817
66.0	368.141	391.103	454.987	508.812	526.476
66.5	357.641	381.143	445.861	500.471	518.135
67.0	347.386	371.281	436.784	491.639	509.794
67.5	337.082	361.566	427.903	483.396	501.452
68.0	326.925	352.096	419.071	475.055	493.602
68.5	316.916	342.675	410.435	466.959	485.408
69.0	306.956	333.353	401.898	458.814	477.655
69.5	297.142	324.227	393.459	450.915	469.952
70.0	287.378	315.248	385.166	443.162	462.298
70.5	277.860	306.367	376.874	435.410	454.742
71.0	268.439	297.584	368.729	427.756	447.284
71.5	259.116	288.998	360.781	420.298	439.924
72.0	249.990	280.362	352.832	412.889	432.760
72.5	240.815	272.021	345.080	405.627	425.646
73.0	231.885	263.729	337.376	398.463	418.482
73.5	223.200	255.535	329.918	391.349	411.515
74.0	214.614	247.586	322.362	384.480	404.498
74.5	206.174	239.588	315.150	377.659	397.874
75.0	197.784	231.787	307.986	370.986	391.447
75.5	189.541	224.182	300.920	364.363	384.921
76.0	181.543	216.724	294.051	357.788	378.543
76.5	173.595	209.364	287.231	351.360	372.164
77.0	165.744	202.053	280.509	344.982	365.982
77.5	158.041	194.938	273.885	338.799	359.849
78.0	150.436	187.971	267.458	332.715	353.813
78.5	142.978	181.102	261.079	326.582	347.827
79.0	135.667	174.429	254.897	320.645	341.939
79.5	128.405	167.805	248.813	314.855	336.052
80.0	121.242	161.279	242.728	309.114	330.458
80.5	114.274	154.950	236.841	303.325	324.766
81.0	107.503	148.718	231.198	297.731	319.222
81.5	100.634	142.634	225.555	292.187	313.678
82.0	94.010	136.697	220.060	286.839	308.329
82.5	87.533	130.858	214.663	281.490	303.079

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**CANDELA TABULATION - (Cont.)**

83.0	81.155	125.167	209.364	276.339	297.977
83.5	74.825	119.622	204.310	271.088	292.677
84.0	68.643	114.225	199.403	266.133	287.624
84.5	62.510	109.024	194.595	261.226	282.668
85.0	56.622	103.970	189.885	256.369	277.712
85.5	50.734	99.162	185.272	251.658	272.904
86.0	44.944	94.550	180.758	247.046	268.145
86.5	39.204	90.232	176.490	242.434	263.385
87.0	33.561	86.061	172.172	238.067	258.724
87.5	27.918	82.185	168.099	233.651	254.259
88.0	22.325	78.407	164.076	229.383	249.745
88.5	16.682	74.874	160.200	225.163	245.378
89.0	11.530	71.538	156.520	221.090	241.060
89.5	7.311	68.447	152.938	217.165	236.841
90.0	4.367	65.699	149.651	213.436	232.964
90.5	3.091	63.295	146.609	209.707	228.843
91.0	3.287	61.087	143.517	205.929	224.918
91.5	3.925	58.977	140.426	202.347	220.992
92.0	4.661	57.211	137.482	198.716	217.165
92.5	5.446	55.690	134.980	195.233	213.387
93.0	6.231	54.365	132.380	191.945	209.756
93.5	7.065	53.335	129.926	188.707	206.322
94.0	7.949	52.451	127.620	185.665	202.985
94.5	8.783	51.813	125.461	182.574	199.551
95.0	9.617	51.323	123.450	179.532	196.263
95.5	10.402	50.979	121.585	176.637	193.025
96.0	11.040	50.832	119.966	173.840	189.836
96.5	11.678	50.832	118.347	171.240	186.892
97.0	12.266	50.881	116.875	168.737	183.948
97.5	12.904	51.077	115.501	166.333	181.249
98.0	13.444	51.274	114.274	163.978	178.501
98.5	14.082	51.519	113.244	161.721	175.950
99.0	14.720	51.813	112.164	159.611	173.448
99.5	15.407	52.157	111.232	157.599	170.994
100.0	15.995	52.500	110.496	155.735	168.786
100.5	16.682	52.893	109.760	153.919	166.529
101.0	17.271	53.285	109.220	152.202	164.518
101.5	17.860	53.678	108.681	150.583	162.457
102.0	18.400	54.071	108.288	149.062	160.641
102.5	18.939	54.463	107.896	147.639	158.826
103.0	19.479	54.905	107.601	146.216	157.207
103.5	20.068	55.346	107.356	144.989	155.539
104.0	20.706	55.739	107.111	143.861	154.018
104.5	21.344	56.180	106.963	142.781	152.595
105.0	21.932	56.622	106.816	141.800	151.221
105.5	22.472	57.014	106.669	140.770	150.043
106.0	23.110	57.505	106.620	139.887	148.866
106.5	23.699	57.947	106.620	139.052	147.688
107.0	24.288	58.437	106.620	138.267	146.707
107.5	24.827	58.830	106.620	137.679	145.676
108.0	25.514	59.321	106.620	136.992	144.646
108.5	26.152	59.811	106.669	136.501	143.959
109.0	26.790	60.204	106.767	135.863	143.272
109.5	27.477	60.645	106.816	135.422	142.536
110.0	28.164	61.087	106.914	134.931	141.947
110.5	28.851	61.529	107.012	134.489	141.408

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**CANDELA TABULATION - (Cont.)**

111.0	29.538	61.970	107.062	134.097	140.819
111.5	30.225	62.363	107.111	133.802	140.328
112.0	30.961	62.804	107.209	133.508	139.739
112.5	31.697	63.246	107.307	133.165	139.200
113.0	32.482	63.687	107.454	132.919	138.954
113.5	33.218	64.080	107.454	132.674	138.611
114.0	34.003	64.472	107.552	132.478	138.267
114.5	34.739	64.914	107.650	132.232	137.973
115.0	35.524	65.258	107.748	132.085	137.728
115.5	36.309	65.699	107.748	131.938	137.482
116.0	37.045	66.092	107.896	131.742	137.188
116.5	37.732	66.484	107.994	131.545	137.090
117.0	38.517	66.926	108.092	131.545	136.844
117.5	39.253	67.269	108.190	131.349	136.697
118.0	39.890	67.613	108.288	131.251	136.501
118.5	40.626	67.956	108.337	131.104	136.452
119.0	41.264	68.300	108.435	130.957	136.158
119.5	41.951	68.545	108.534	130.809	136.109
120.0	42.589	68.790	108.484	130.711	135.863
120.5	43.227	69.085	108.534	130.515	135.814
121.0	43.865	69.281	108.632	130.368	135.618
121.5	44.552	69.526	108.583	130.172	135.520
122.0	45.190	69.821	108.583	130.073	135.373
122.5	45.827	70.115	108.632	129.877	135.029
123.0	46.465	70.409	108.583	129.681	134.980
123.5	47.054	70.655	108.484	129.534	134.686
124.0	47.545	70.851	108.484	129.386	134.637
124.5	48.035	71.047	108.484	129.141	134.440
125.0	48.526	71.293	108.386	128.896	134.244
125.5	49.017	71.440	108.288	128.749	133.999
126.0	49.458	71.636	108.239	128.454	133.802
126.5	49.851	71.881	108.141	128.258	133.655
127.0	50.292	71.980	108.043	128.013	133.459
127.5	50.636	72.127	107.896	127.767	133.115
128.0	51.077	72.127	107.847	127.473	132.919
128.5	51.421	72.225	107.650	127.228	132.723
129.0	51.764	72.323	107.454	126.982	132.478
129.5	52.059	72.470	107.111	126.590	132.183
130.0	52.304	72.568	106.767	126.344	131.889
130.5	52.549	72.666	106.375	126.050	131.545
131.0	52.697	72.814	105.982	125.608	131.202
131.5	52.893	72.961	105.590	125.216	130.858
132.0	53.089	73.108	105.148	124.971	130.564
132.5	53.187	73.157	104.657	124.480	130.122
133.0	53.335	73.206	104.461	124.038	129.583
133.5	53.384	73.157	104.167	123.695	129.337
134.0	53.433	73.059	103.970	123.302	128.994
134.5	53.580	72.863	103.725	122.861	128.356
135.0	53.727	72.716	103.431	122.272	127.865
135.5	53.678	72.323	103.185	121.879	127.473
136.0	53.776	72.274	102.842	121.389	126.982
136.5	53.874	72.127	102.597	120.849	126.492
137.0	53.923	71.881	102.204	120.407	125.952
137.5	53.972	71.636	101.861	119.819	125.461
138.0	54.071	71.489	101.370	119.328	124.872
138.5	54.071	71.293	100.732	118.788	124.431

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	54.021	71.145	99.996	118.150	123.744
139.5	54.021	70.949	99.113	117.464	123.253
140.0	54.021	70.704	98.132	116.826	122.566
140.5	54.021	70.557	97.248	116.041	121.830
141.0	54.021	70.458	96.267	115.206	121.242
141.5	54.021	70.262	95.286	114.470	120.653
142.0	53.972	70.164	94.354	113.538	120.015
142.5	53.923	70.017	93.372	112.704	119.279
143.0	53.874	69.870	92.440	111.919	118.543
143.5	53.874	69.673	91.361	111.085	117.856
144.0	53.874	69.428	90.428	110.447	117.071
144.5	54.021	69.232	89.496	109.711	116.384
145.0	54.218	69.036	88.466	109.073	115.599
145.5	54.561	68.790	87.533	108.435	114.814
146.0	55.003	68.594	86.650	107.748	114.078
146.5	55.444	68.398	85.914	107.012	113.244
147.0	55.886	68.152	85.080	106.277	112.410
147.5	56.278	68.054	84.442	105.541	111.576
148.0	56.720	67.858	83.755	104.706	110.692
148.5	57.113	67.809	83.216	103.921	109.809
149.0	57.603	67.809	82.627	103.136	109.024
149.5	57.947	67.956	82.087	102.302	108.043
150.0	58.339	68.054	81.547	101.517	107.012
150.5	58.683	68.103	80.959	100.634	105.933
151.0	58.928	68.251	80.174	99.751	104.657
151.5	59.173	68.300	79.339	98.819	103.480
152.0	59.468	68.398	78.554	97.837	102.302
152.5	59.762	68.496	77.818	96.807	101.026
153.0	59.958	68.545	77.033	95.629	99.996
153.5	60.204	68.692	76.199	94.403	98.819
154.0	60.400	68.643	75.463	93.029	97.837
154.5	60.645	68.692	74.825	91.704	96.856
155.0	60.743	68.790	74.187	90.183	96.120
155.5	60.940	68.839	73.550	88.760	95.335
156.0	61.087	68.839	73.108	87.239	94.648
156.5	61.332	68.839	72.666	85.718	93.765
157.0	61.430	68.937	72.225	84.344	92.931
157.5	61.578	68.937	71.930	83.019	91.998
158.0	61.774	68.888	71.783	81.645	91.115
158.5	61.823	68.888	71.587	80.517	90.085
159.0	62.068	68.741	71.440	79.438	89.202
159.5	62.264	68.643	71.194	78.407	88.220
160.0	62.510	68.545	70.949	77.573	87.239
160.5	62.804	68.496	70.753	76.788	86.307
161.0	63.000	68.349	70.704	75.954	85.374
161.5	63.295	68.300	70.606	75.120	84.688
162.0	63.540	68.201	70.753	74.433	84.099
162.5	63.786	68.201	70.851	73.697	83.412
163.0	64.080	68.152	70.900	72.912	82.823
163.5	64.325	68.152	70.998	72.078	82.087
164.0	64.423	68.152	71.096	71.047	81.400
164.5	64.571	68.054	70.998	70.262	80.517
165.0	64.718	68.054	70.851	69.477	79.634
165.5	64.865	68.005	70.704	68.937	78.702
166.0	65.012	67.956	70.606	68.349	77.279
166.5	65.159	67.956	70.458	67.858	76.592

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

167.0	65.356	67.956	70.311	67.416	76.052
167.5	65.454	67.956	70.017	67.024	75.512
168.0	65.601	67.956	69.772	66.631	75.071
168.5	65.895	67.760	69.428	66.288	74.531
169.0	66.043	67.809	69.183	65.944	73.991
169.5	66.288	67.662	68.790	65.552	73.402
170.0	66.386	67.613	68.447	65.061	72.863
170.5	66.533	67.515	68.005	64.522	72.274
171.0	66.631	67.416	67.515	63.933	71.538
171.5	66.779	67.416	67.073	63.393	70.949
172.0	67.024	67.318	66.828	62.853	70.066
172.5	67.171	67.318	66.533	62.264	69.085
173.0	67.367	67.220	66.288	61.725	67.416
173.5	67.613	67.269	66.190	61.185	64.914
174.0	67.809	67.269	66.141	60.743	61.823
174.5	67.956	67.269	66.043	60.302	58.143
175.0	68.251	67.416	65.993	59.958	53.972
175.5	68.349	67.465	65.944	59.811	49.606
176.0	68.545	67.564	65.944	59.664	46.760
176.5	68.594	67.613	65.895	59.664	44.748
177.0	68.790	67.711	65.797	59.517	42.687
177.5	68.839	67.711	65.650	59.468	42.246
178.0	69.036	67.809	65.601	59.419	42.344
178.5	69.134	67.858	65.650	59.321	42.442
179.0	69.232	67.858	65.601	59.173	42.491
179.5	69.330	67.858	65.552	59.124	42.540
180.0	62.166	62.166	62.166	62.166	62.166



**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	561.74	N.A.	11.70
0-30	1177.04	N.A.	24.50
0-40	1890.75	N.A.	39.40
0-60	3199.85	N.A.	66.70
0-80	3986.44	N.A.	83.10
0-90	4184.26	N.A.	87.30
10-90	4037.82	N.A.	84.20
20-40	1329.01	N.A.	27.70
20-50	2031.84	N.A.	42.40
40-70	1775.42	N.A.	37.00
60-80	786.59	N.A.	16.40
70-80	320.27	N.A.	6.70
80-90	197.83	N.A.	4.10
90-110	231.06	N.A.	4.80
90-120	328.34	N.A.	6.80
90-130	417.86	N.A.	8.70
90-150	548.58	N.A.	11.40
90-180	611.07	N.A.	12.70
110-180	380.00	N.A.	7.90
0-180	4795.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	146.45
10-20	415.29
20-30	615.30
30-40	713.71
40-50	702.83
50-60	606.27
60-70	466.32
70-80	320.27
80-90	197.83
90-100	126.75
100-110	104.31
110-120	97.27
120-130	89.53
130-140	75.23
140-150	55.48
150-160	36.28
160-170	19.99
170-180	6.23

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-4-L65-927-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	87	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-L65-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

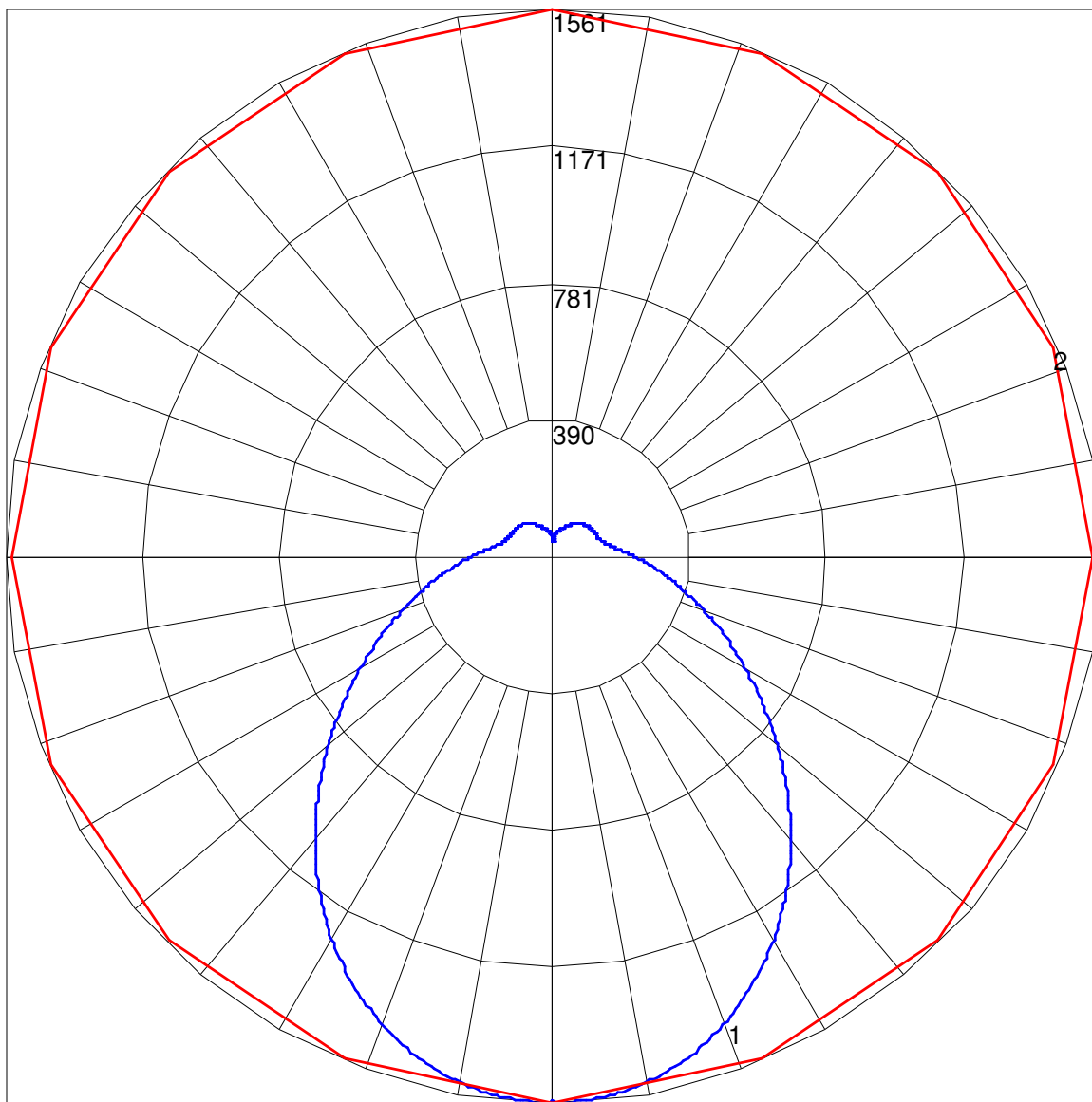
Reflectances

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	17.3	18.7	17.9	19.2	19.8	19.0	20.3	19.5	20.9	21.5
	3H	18.7	19.9	19.2	20.5	21.1	21.2	22.4	21.7	23.0	23.6
	4H	19.1	20.3	19.7	20.9	21.5	22.2	23.4	22.8	24.0	24.7
	6H	19.4	20.5	20.0	21.1	21.8	23.4	24.4	24.0	25.0	25.7
	8H	19.5	20.5	20.1	21.1	21.8	23.9	25.0	24.6	25.6	26.3
	12H	19.5	20.5	20.1	21.1	21.8	24.6	25.6	25.2	26.2	26.9
4H	2H	18.0	19.2	18.6	19.8	20.5	19.4	20.5	20.0	21.1	21.8
	3H	19.6	20.6	20.2	21.2	21.9	21.8	22.8	22.4	23.4	24.1
	4H	20.2	21.1	20.8	21.7	22.5	23.1	23.9	23.7	24.6	25.3
	6H	20.6	21.4	21.3	22.1	22.8	24.4	25.2	25.0	25.8	26.6
	8H	20.7	21.5	21.4	22.1	22.9	25.1	25.8	25.7	26.5	27.2
	12H	20.8	21.5	21.5	22.2	22.9	25.9	26.5	26.5	27.2	28.0
8H	4H	20.8	21.5	21.4	22.2	22.9	23.2	24.0	23.9	24.6	25.4
	6H	21.4	22.0	22.0	22.7	23.4	24.8	25.4	25.4	26.1	26.8
	8H	21.6	22.1	22.2	22.8	23.6	25.6	26.2	26.3	26.9	27.6
	12H	21.7	22.2	22.4	22.9	23.7	26.6	27.1	27.3	27.8	28.6
12H	4H	20.9	21.6	21.6	22.3	23.0	23.3	23.9	23.9	24.6	25.4
	6H	21.6	22.2	22.3	22.9	23.7	24.8	25.4	25.5	26.0	26.8
	8H	21.9	22.4	22.6	23.1	23.9	25.7	26.2	26.4	26.9	27.7

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 1561.273 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.)