

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L65-930-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-L65-930-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	4915
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
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	10785	9660	9565
55	9339	8270	8397
65	7850	7083	7483
75	6296	6187	6995
85	4618	6087	7390

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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	1590.750	1590.750	1590.750	1590.750	1590.750
0.5	1583.206	1589.241	1590.247	1589.744	1600.305
1.0	1583.206	1589.744	1589.744	1589.241	1599.802
1.5	1581.697	1589.744	1589.241	1588.738	1600.305
2.0	1581.194	1588.235	1589.241	1588.235	1598.797
2.5	1581.194	1588.235	1587.732	1587.732	1597.791
3.0	1579.685	1586.726	1586.726	1586.726	1596.785
3.5	1578.680	1585.218	1585.218	1585.721	1595.779
4.0	1577.674	1584.212	1584.212	1583.709	1594.773
4.5	1575.159	1582.703	1583.206	1582.703	1593.264
5.0	1573.650	1581.194	1581.194	1581.194	1591.756
5.5	1571.639	1579.183	1579.183	1579.685	1589.744
6.0	1570.633	1576.668	1577.171	1577.171	1587.732
6.5	1567.112	1574.656	1575.159	1575.159	1585.218
7.0	1565.101	1572.142	1572.645	1572.142	1583.206
7.5	1563.089	1569.124	1570.130	1570.130	1580.691
8.0	1560.574	1567.112	1567.112	1567.112	1577.171
8.5	1558.060	1563.592	1564.598	1564.598	1574.153
9.0	1554.036	1561.077	1561.580	1561.077	1570.633
9.5	1551.522	1557.557	1557.557	1557.557	1568.621
10.0	1547.498	1553.533	1553.533	1554.539	1564.598
10.5	1543.978	1550.013	1550.516	1550.516	1561.077
11.0	1540.457	1546.492	1546.995	1546.492	1557.054
11.5	1535.931	1542.469	1543.475	1542.469	1553.533
12.0	1531.908	1537.943	1538.949	1538.949	1549.007
12.5	1527.884	1533.416	1534.925	1533.919	1544.984
13.0	1523.358	1529.393	1530.399	1529.896	1540.457
13.5	1518.832	1524.364	1525.370	1525.370	1536.434
14.0	1513.299	1519.335	1520.340	1520.340	1530.902
14.5	1508.773	1514.305	1515.311	1515.311	1526.878
15.0	1504.247	1509.276	1509.779	1509.779	1520.843
15.5	1498.715	1503.241	1504.750	1504.750	1514.808
16.0	1492.680	1497.709	1499.218	1499.218	1509.779
16.5	1487.650	1491.674	1493.182	1493.685	1504.247
17.0	1480.609	1485.136	1487.147	1487.650	1498.212
17.5	1474.574	1479.101	1481.112	1481.615	1492.177
18.0	1469.042	1473.066	1474.574	1476.083	1486.644
18.5	1462.504	1467.030	1468.539	1469.545	1480.106
19.0	1455.966	1459.487	1462.001	1463.007	1473.066
19.5	1448.422	1453.451	1455.463	1457.475	1466.527
20.0	1440.375	1445.908	1448.422	1449.931	1459.487
20.5	1432.329	1439.370	1441.381	1443.393	1452.949
21.0	1425.791	1431.323	1432.832	1436.855	1445.908
21.5	1418.247	1423.779	1426.294	1428.305	1438.364
22.0	1410.200	1416.738	1419.253	1421.264	1431.826
22.5	1403.159	1407.685	1411.206	1414.223	1424.282
23.0	1394.609	1399.639	1403.159	1406.177	1416.235
23.5	1385.557	1391.089	1395.615	1398.633	1408.691
24.0	1376.504	1382.539	1387.065	1390.586	1400.644
24.5	1368.960	1373.989	1379.019	1382.036	1391.592
25.0	1360.410	1365.440	1370.972	1373.989	1383.545
25.5	1350.855	1356.890	1361.416	1365.943	1373.989
26.0	1341.802	1347.334	1353.370	1357.393	1366.446
26.5	1332.247	1337.779	1344.820	1348.340	1357.896

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27.0	1322.691	1327.720	1336.270	1340.796	1349.346
27.5	1311.627	1318.165	1326.715	1330.738	1340.796
28.0	1303.580	1308.609	1317.159	1321.685	1331.241
28.5	1293.019	1299.054	1307.603	1312.130	1321.685
29.0	1282.960	1288.995	1297.545	1303.077	1312.633
29.5	1272.399	1278.434	1287.486	1293.019	1302.574
30.0	1261.837	1268.375	1277.428	1284.469	1294.024
30.5	1250.773	1257.311	1267.872	1274.913	1283.966
31.0	1240.212	1246.750	1257.311	1264.855	1273.405
31.5	1229.147	1236.691	1247.252	1255.299	1264.352
32.0	1218.586	1225.124	1237.194	1244.738	1253.790
32.5	1207.019	1214.059	1226.633	1234.679	1243.732
33.0	1195.954	1203.498	1215.065	1224.621	1233.674
33.5	1185.393	1192.434	1205.007	1213.557	1223.112
34.0	1172.820	1180.866	1193.942	1203.498	1213.557
34.5	1161.252	1169.802	1183.381	1192.434	1202.492
35.0	1150.691	1157.732	1172.820	1182.375	1191.931
35.5	1137.112	1146.668	1161.252	1171.311	1180.866
36.0	1126.551	1134.597	1150.188	1160.247	1170.305
36.5	1113.475	1122.527	1138.621	1149.685	1160.247
37.0	1101.404	1110.960	1127.054	1138.118	1149.685
37.5	1088.831	1098.387	1115.989	1128.059	1138.118
38.0	1076.258	1086.317	1103.919	1116.492	1126.048
38.5	1063.182	1073.744	1092.352	1105.931	1114.983
39.0	1051.615	1061.170	1080.282	1094.363	1105.931
39.5	1038.539	1049.603	1068.714	1082.796	1093.861
40.0	1024.457	1036.527	1056.644	1072.235	1082.293
40.5	1011.381	1023.954	1045.077	1061.170	1071.229
41.0	999.311	1011.381	1033.007	1049.603	1059.662
41.5	986.235	998.808	1020.936	1038.036	1048.597
42.0	973.159	986.235	1008.866	1026.972	1037.533
42.5	960.586	973.159	996.293	1015.404	1025.966
43.0	946.504	960.586	984.726	1004.340	1014.901
43.5	934.434	947.510	972.153	992.773	1003.837
44.0	920.855	934.434	959.580	981.708	992.270
44.5	908.281	921.860	947.007	969.638	980.703
45.0	895.205	908.784	934.936	959.077	970.141
45.5	882.129	896.211	922.866	948.012	959.077
46.0	869.053	883.135	909.790	935.942	947.510
46.5	855.977	870.059	898.726	925.884	936.445
47.0	842.398	857.486	886.153	913.814	925.381
47.5	829.322	844.410	873.580	902.246	913.814
48.0	816.749	831.334	861.007	891.685	902.246
48.5	802.667	818.761	849.439	879.615	891.182
49.0	790.094	805.182	836.363	868.047	879.615
49.5	777.018	792.609	824.293	856.983	868.550
50.0	763.439	779.533	812.223	844.913	856.983
50.5	750.866	766.960	799.650	834.854	846.422
51.0	737.790	753.884	788.585	823.287	835.357
51.5	725.217	740.808	776.012	812.223	824.293
52.0	711.638	728.235	763.942	800.656	813.229
52.5	698.562	715.158	752.375	789.088	802.667
53.0	684.983	702.585	740.305	779.030	791.100
53.5	671.907	690.012	728.737	767.463	780.539
54.0	659.334	677.439	717.170	756.398	769.977
54.5	647.264	664.363	705.603	746.340	759.416

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55.0	634.691	652.293	694.036	734.773	749.860
55.5	624.129	639.720	682.468	724.211	738.293
56.0	612.059	628.655	671.404	713.650	727.732
56.5	599.486	617.088	659.837	703.088	717.673
57.0	587.416	605.521	648.772	692.527	707.112
57.5	574.843	593.451	639.217	682.468	695.544
58.0	562.269	581.381	628.153	671.404	686.995
58.5	550.199	569.310	617.088	661.848	676.936
59.0	538.129	557.240	606.527	653.299	666.375
59.5	526.059	545.673	596.971	642.737	658.328
60.0	513.989	533.603	586.410	632.679	648.270
60.5	502.170	522.036	575.848	623.123	638.211
61.0	490.301	510.468	565.287	613.568	628.655
61.5	478.533	499.002	554.726	604.012	619.603
62.0	466.965	487.635	544.667	594.960	610.047
62.5	455.549	476.370	534.106	585.907	600.995
63.0	443.982	465.155	524.047	576.351	592.948
63.5	432.515	454.090	514.492	567.299	583.895
64.0	421.350	443.177	504.433	557.743	574.843
64.5	410.235	432.515	494.878	548.691	565.790
65.0	399.221	421.803	485.272	539.638	557.240
65.5	388.358	411.342	475.766	530.585	548.188
66.0	377.344	400.881	466.362	521.533	539.638
66.5	366.582	390.672	457.007	512.983	531.088
67.0	356.070	380.563	447.703	503.930	522.538
67.5	345.509	370.605	438.600	495.481	513.989
68.0	335.099	360.899	429.548	486.931	505.942
68.5	324.839	351.242	420.696	478.633	497.543
69.0	314.629	341.687	411.945	470.285	489.597
69.5	304.571	332.332	403.295	462.188	481.701
70.0	294.563	323.129	394.796	454.241	473.855
70.5	284.806	314.026	386.296	446.295	466.110
71.0	275.150	305.024	377.948	438.449	458.466
71.5	265.594	296.222	369.800	430.805	450.922
72.0	256.240	287.371	361.653	423.211	443.579
72.5	246.835	278.821	353.707	415.768	436.287
73.0	237.682	270.322	345.811	408.425	428.944
73.5	228.780	261.923	338.166	401.132	421.803
74.0	219.979	253.776	330.421	394.092	414.611
74.5	211.329	245.578	323.028	387.101	407.821
75.0	202.729	237.581	315.686	380.261	401.233
75.5	194.280	229.786	308.444	373.472	394.544
76.0	186.082	222.142	301.403	366.732	388.006
76.5	177.935	214.598	294.412	360.144	381.468
77.0	169.888	207.104	287.522	353.606	375.131
77.5	161.992	199.812	280.732	347.269	368.845
78.0	154.197	192.670	274.144	341.033	362.659
78.5	146.552	185.629	267.606	334.746	356.523
79.0	139.059	178.790	261.269	328.661	350.488
79.5	131.615	172.000	255.033	322.727	344.453
80.0	124.273	165.311	248.797	316.842	338.720
80.5	117.131	158.824	242.762	310.908	332.886
81.0	110.191	152.436	236.978	305.175	327.203
81.5	103.150	146.200	231.194	299.491	321.520
82.0	96.360	140.115	225.562	294.010	316.038
82.5	89.722	134.130	220.029	288.528	310.656

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CANDELA TABULATION - (Cont.)

83.0	83.184	128.296	214.598	283.247	305.426
83.5	76.696	122.613	209.418	277.866	299.994
84.0	70.359	117.081	204.388	272.786	294.814
84.5	64.073	111.750	199.460	267.757	289.735
85.0	58.037	106.570	194.632	262.778	284.655
85.5	52.002	101.641	189.904	257.950	279.727
86.0	46.068	96.914	185.277	253.222	274.848
86.5	40.184	92.488	180.902	248.495	269.970
87.0	34.400	88.213	176.476	244.019	265.192
87.5	28.616	84.240	172.302	239.493	260.615
88.0	22.883	80.367	168.178	235.117	255.989
88.5	17.099	76.746	164.205	230.792	251.512
89.0	11.819	73.326	160.433	226.618	247.087
89.5	7.494	70.158	156.762	222.594	242.762
90.0	4.476	67.342	153.392	218.772	238.788
90.5	3.168	64.877	150.274	214.950	234.564
91.0	3.370	62.614	147.105	211.077	230.541
91.5	4.023	60.452	143.937	207.406	226.517
92.0	4.778	58.641	140.919	203.684	222.594
92.5	5.582	57.082	138.354	200.114	218.722
93.0	6.387	55.724	135.689	196.744	215.000
93.5	7.242	54.668	133.174	193.425	211.480
94.0	8.147	53.763	130.811	190.307	208.060
94.5	9.002	53.109	128.598	187.138	204.539
95.0	9.857	52.606	126.536	184.020	201.170
95.5	10.662	52.254	124.625	181.053	197.850
96.0	11.316	52.103	122.965	178.186	194.581
96.5	11.970	52.103	121.305	175.521	191.564
97.0	12.573	52.153	119.797	172.956	188.546
97.5	13.227	52.354	118.388	170.491	185.780
98.0	13.780	52.556	117.131	168.077	182.964
98.5	14.434	52.807	116.075	165.764	180.349
99.0	15.088	53.109	114.969	163.601	177.784
99.5	15.792	53.461	114.013	161.539	175.269
100.0	16.395	53.813	113.259	159.628	173.006
100.5	17.099	54.215	112.504	157.767	170.693
101.0	17.703	54.618	111.951	156.007	168.631
101.5	18.306	55.020	111.398	154.347	166.518
102.0	18.860	55.422	110.995	152.788	164.657
102.5	19.413	55.825	110.593	151.330	162.797
103.0	19.966	56.277	110.291	149.871	161.137
103.5	20.570	56.730	110.040	148.614	159.427
104.0	21.223	57.132	109.788	147.457	157.868
104.5	21.877	57.585	109.638	146.351	156.409
105.0	22.481	58.037	109.487	145.345	155.001
105.5	23.034	58.440	109.336	144.289	153.794
106.0	23.688	58.943	109.285	143.384	152.587
106.5	24.291	59.395	109.285	142.529	151.380
107.0	24.895	59.898	109.285	141.724	150.374
107.5	25.448	60.301	109.285	141.121	149.318
108.0	26.152	60.804	109.285	140.416	148.262
108.5	26.806	61.306	109.336	139.914	147.558
109.0	27.460	61.709	109.436	139.260	146.854
109.5	28.164	62.161	109.487	138.807	146.100
110.0	28.868	62.614	109.587	138.304	145.496
110.5	29.572	63.067	109.688	137.852	144.943

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CANDELA TABULATION - (Cont.)

111.0	30.276	63.519	109.738	137.449	144.339
111.5	30.980	63.922	109.788	137.147	143.836
112.0	31.735	64.374	109.889	136.846	143.233
112.5	32.489	64.827	109.990	136.494	142.680
113.0	33.294	65.280	110.140	136.242	142.428
113.5	34.048	65.682	110.140	135.991	142.076
114.0	34.853	66.084	110.241	135.790	141.724
114.5	35.607	66.537	110.342	135.538	141.422
115.0	36.412	66.889	110.442	135.387	141.171
115.5	37.216	67.342	110.442	135.236	140.919
116.0	37.971	67.744	110.593	135.035	140.618
116.5	38.675	68.146	110.694	134.834	140.517
117.0	39.480	68.599	110.794	134.834	140.266
117.5	40.234	68.951	110.895	134.633	140.115
118.0	40.888	69.303	110.995	134.532	139.914
118.5	41.642	69.655	111.046	134.381	139.863
119.0	42.296	70.007	111.146	134.231	139.562
119.5	43.000	70.259	111.247	134.080	139.511
120.0	43.654	70.510	111.197	133.979	139.260
120.5	44.308	70.812	111.247	133.778	139.209
121.0	44.961	71.013	111.347	133.627	139.008
121.5	45.666	71.264	111.297	133.426	138.908
122.0	46.319	71.566	111.297	133.325	138.757
122.5	46.973	71.868	111.347	133.124	138.405
123.0	47.627	72.170	111.297	132.923	138.354
123.5	48.230	72.421	111.197	132.772	138.053
124.0	48.733	72.622	111.197	132.621	138.002
124.5	49.236	72.823	111.197	132.370	137.801
125.0	49.739	73.075	111.096	132.118	137.600
125.5	50.242	73.226	110.995	131.967	137.349
126.0	50.695	73.427	110.945	131.666	137.147
126.5	51.097	73.678	110.845	131.464	136.997
127.0	51.550	73.779	110.744	131.213	136.795
127.5	51.902	73.930	110.593	130.962	136.443
128.0	52.354	73.930	110.543	130.660	136.242
128.5	52.706	74.030	110.342	130.408	136.041
129.0	53.059	74.131	110.140	130.157	135.790
129.5	53.360	74.282	109.788	129.754	135.488
130.0	53.612	74.383	109.436	129.503	135.186
130.5	53.863	74.483	109.034	129.201	134.834
131.0	54.014	74.634	108.632	128.749	134.482
131.5	54.215	74.785	108.229	128.346	134.130
132.0	54.416	74.936	107.777	128.095	133.828
132.5	54.517	74.986	107.274	127.592	133.376
133.0	54.668	75.036	107.073	127.139	132.822
133.5	54.718	74.986	106.771	126.787	132.571
134.0	54.768	74.885	106.570	126.385	132.219
134.5	54.919	74.684	106.318	125.932	131.565
135.0	55.070	74.533	106.016	125.329	131.062
135.5	55.020	74.131	105.765	124.926	130.660
136.0	55.121	74.081	105.413	124.423	130.157
136.5	55.221	73.930	105.161	123.870	129.654
137.0	55.271	73.678	104.759	123.418	129.101
137.5	55.322	73.427	104.407	122.814	128.598
138.0	55.422	73.276	103.904	122.311	127.994
138.5	55.422	73.075	103.250	121.758	127.542

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	55.372	72.924	102.496	121.104	126.838
139.5	55.372	72.723	101.591	120.400	126.335
140.0	55.372	72.471	100.585	119.746	125.631
140.5	55.372	72.321	99.680	118.942	124.876
141.0	55.372	72.220	98.674	118.087	124.273
141.5	55.372	72.019	97.668	117.332	123.669
142.0	55.322	71.918	96.712	116.377	123.015
142.5	55.271	71.767	95.707	115.522	122.261
143.0	55.221	71.616	94.751	114.717	121.507
143.5	55.221	71.415	93.645	113.862	120.802
144.0	55.221	71.164	92.689	113.208	119.998
144.5	55.372	70.963	91.733	112.454	119.294
145.0	55.573	70.761	90.677	111.800	118.489
145.5	55.925	70.510	89.722	111.146	117.684
146.0	56.378	70.309	88.816	110.442	116.930
146.5	56.830	70.108	88.062	109.688	116.075
147.0	57.283	69.856	87.207	108.933	115.220
147.5	57.685	69.756	86.553	108.179	114.365
148.0	58.138	69.554	85.849	107.324	113.460
148.5	58.540	69.504	85.296	106.519	112.554
149.0	59.043	69.504	84.692	105.715	111.750
149.5	59.395	69.655	84.139	104.860	110.744
150.0	59.798	69.756	83.586	104.055	109.688
150.5	60.150	69.806	82.983	103.150	108.581
151.0	60.401	69.957	82.178	102.245	107.274
151.5	60.653	70.007	81.323	101.289	106.067
152.0	60.954	70.108	80.518	100.283	104.860
152.5	61.256	70.208	79.764	99.227	103.552
153.0	61.457	70.259	78.959	98.020	102.496
153.5	61.709	70.409	78.104	96.763	101.289
154.0	61.910	70.359	77.350	95.354	100.283
154.5	62.161	70.409	76.696	93.997	99.277
155.0	62.262	70.510	76.042	92.438	98.523
155.5	62.463	70.560	75.388	90.979	97.718
156.0	62.614	70.560	74.936	89.420	97.014
156.5	62.866	70.560	74.483	87.861	96.109
157.0	62.966	70.661	74.030	86.453	95.254
157.5	63.117	70.661	73.729	85.095	94.298
158.0	63.318	70.611	73.578	83.687	93.393
158.5	63.368	70.611	73.377	82.530	92.337
159.0	63.620	70.460	73.226	81.423	91.432
159.5	63.821	70.359	72.974	80.367	90.426
160.0	64.073	70.259	72.723	79.512	89.420
160.5	64.374	70.208	72.522	78.708	88.464
161.0	64.575	70.057	72.471	77.853	87.509
161.5	64.877	70.007	72.371	76.998	86.805
162.0	65.129	69.906	72.522	76.294	86.201
162.5	65.380	69.906	72.622	75.539	85.497
163.0	65.682	69.856	72.673	74.735	84.894
163.5	65.933	69.856	72.773	73.880	84.139
164.0	66.034	69.856	72.874	72.823	83.435
164.5	66.185	69.756	72.773	72.019	82.530
165.0	66.336	69.756	72.622	71.214	81.625
165.5	66.487	69.705	72.471	70.661	80.669
166.0	66.637	69.655	72.371	70.057	79.211
166.5	66.788	69.655	72.220	69.554	78.506

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	66.990	69.655	72.069	69.102	77.953
167.5	67.090	69.655	71.767	68.699	77.400
168.0	67.241	69.655	71.516	68.297	76.947
168.5	67.543	69.454	71.164	67.945	76.394
169.0	67.694	69.504	70.912	67.593	75.841
169.5	67.945	69.353	70.510	67.191	75.237
170.0	68.046	69.303	70.158	66.688	74.684
170.5	68.197	69.202	69.705	66.135	74.081
171.0	68.297	69.102	69.202	65.531	73.326
171.5	68.448	69.102	68.750	64.978	72.723
172.0	68.699	69.001	68.498	64.425	71.818
172.5	68.850	69.001	68.197	63.821	70.812
173.0	69.052	68.901	67.945	63.268	69.102
173.5	69.303	68.951	67.844	62.715	66.537
174.0	69.504	68.951	67.794	62.262	63.368
174.5	69.655	68.951	67.694	61.809	59.597
175.0	69.957	69.102	67.643	61.457	55.322
175.5	70.057	69.152	67.593	61.306	50.846
176.0	70.259	69.253	67.593	61.156	47.929
176.5	70.309	69.303	67.543	61.156	45.867
177.0	70.510	69.404	67.442	61.005	43.754
177.5	70.560	69.404	67.291	60.954	43.302
178.0	70.761	69.504	67.241	60.904	43.402
178.5	70.862	69.554	67.291	60.804	43.503
179.0	70.963	69.554	67.241	60.653	43.553
179.5	71.063	69.554	67.191	60.602	43.604
180.0	63.721	63.721	63.721	63.721	63.721

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-930-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	575.79	N.A.	11.70
0-30	1206.46	N.A.	24.50
0-40	1938.02	N.A.	39.40
0-60	3279.84	N.A.	66.70
0-80	4086.1	N.A.	83.10
0-90	4288.87	N.A.	87.30
10-90	4138.76	N.A.	84.20
20-40	1362.23	N.A.	27.70
20-50	2082.63	N.A.	42.40
40-70	1819.8	N.A.	37.00
60-80	806.26	N.A.	16.40
70-80	328.28	N.A.	6.70
80-90	202.77	N.A.	4.10
90-110	236.84	N.A.	4.80
90-120	336.55	N.A.	6.80
90-130	428.31	N.A.	8.70
90-150	562.29	N.A.	11.40
90-180	626.34	N.A.	12.70
110-180	389.50	N.A.	7.90
0-180	4915.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	150.11
10-20	425.68
20-30	630.68
30-40	731.55
40-50	720.40
50-60	621.43
60-70	477.98
70-80	328.28
80-90	202.77
90-100	129.92
100-110	106.92
110-120	99.71
120-130	91.76
130-140	77.11
140-150	56.87
150-160	37.18
160-170	20.49
170-180	6.38

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L65-930-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-L65-930-DIM-UNV_.IES

UGR TABLE - CORRECTED

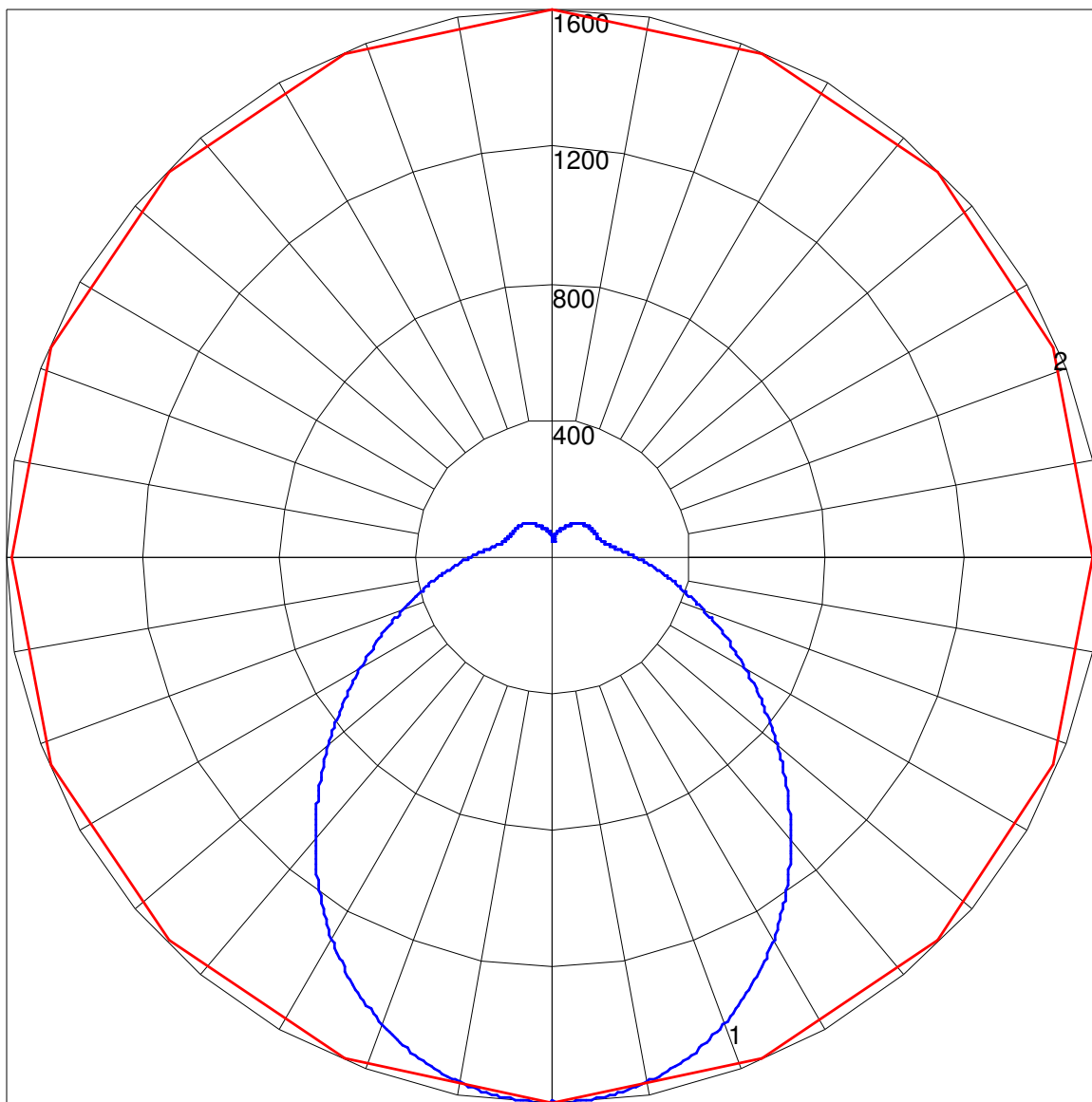
Reflectances

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 = 1600.305 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.)