

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L50-835-HE-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-L50-835-HE-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	4859
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	182
Total Luminaire Watts	26.7
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	10662	9550	9456
55	9232	8175	8301
65	7761	7002	7398
75	6224	6117	6915
85	4565	6017	7306

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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	1572.600	1572.600	1572.600	1572.600	1572.600
0.5	1565.142	1571.108	1572.102	1571.605	1582.046
1.0	1565.142	1571.605	1571.605	1571.108	1581.549
1.5	1563.650	1571.605	1571.108	1570.611	1582.046
2.0	1563.153	1570.114	1571.108	1570.114	1580.555
2.5	1563.153	1570.114	1569.617	1569.617	1579.560
3.0	1561.662	1568.622	1568.622	1568.622	1578.566
3.5	1560.667	1567.131	1567.131	1567.628	1577.571
4.0	1559.673	1566.136	1566.136	1565.639	1576.577
4.5	1557.187	1564.645	1565.142	1564.645	1575.086
5.0	1555.695	1563.153	1563.153	1563.153	1573.594
5.5	1553.707	1561.164	1561.164	1561.662	1571.605
6.0	1552.712	1558.678	1559.176	1559.176	1569.617
6.5	1549.232	1556.690	1557.187	1557.187	1567.131
7.0	1547.243	1554.204	1554.701	1554.204	1565.142
7.5	1545.254	1551.221	1552.215	1552.215	1562.656
8.0	1542.768	1549.232	1549.232	1549.232	1559.176
8.5	1540.283	1545.752	1546.746	1546.746	1556.192
9.0	1536.305	1543.266	1543.763	1543.266	1552.712
9.5	1533.819	1539.785	1539.785	1539.785	1550.723
10.0	1529.842	1535.808	1535.808	1536.802	1546.746
10.5	1526.361	1532.328	1532.825	1532.825	1543.266
11.0	1522.881	1528.847	1529.344	1528.847	1539.288
11.5	1518.406	1524.870	1525.864	1524.870	1535.808
12.0	1514.429	1520.395	1521.389	1521.389	1531.333
12.5	1510.451	1515.920	1517.412	1516.418	1527.356
13.0	1505.977	1511.943	1512.937	1512.440	1522.881
13.5	1501.502	1506.971	1507.965	1507.965	1518.904
14.0	1496.033	1501.999	1502.994	1502.994	1513.434
14.5	1491.558	1497.027	1498.022	1498.022	1509.457
15.0	1487.084	1492.055	1492.553	1492.553	1503.491
15.5	1481.615	1486.089	1487.581	1487.581	1497.525
16.0	1475.648	1480.620	1482.112	1482.112	1492.553
16.5	1470.676	1474.654	1476.146	1476.643	1487.084
17.0	1463.716	1468.191	1470.179	1470.676	1481.117
17.5	1457.750	1462.224	1464.213	1464.710	1475.151
18.0	1452.281	1456.258	1457.750	1459.241	1469.682
18.5	1445.817	1450.292	1451.783	1452.778	1463.219
19.0	1439.354	1442.834	1445.320	1446.314	1456.258
19.5	1431.896	1436.868	1438.857	1440.845	1449.795
20.0	1423.941	1429.410	1431.896	1433.388	1442.834
20.5	1415.986	1422.947	1424.935	1426.924	1436.371
21.0	1409.523	1414.992	1416.483	1420.461	1429.410
21.5	1402.065	1407.534	1410.020	1412.009	1421.952
22.0	1394.110	1400.573	1403.059	1405.048	1415.489
22.5	1387.149	1391.624	1395.104	1398.087	1408.031
23.0	1378.697	1383.669	1387.149	1390.132	1400.076
23.5	1369.748	1375.217	1379.691	1382.675	1392.618
24.0	1360.798	1366.765	1371.239	1374.720	1384.663
24.5	1353.341	1358.312	1363.284	1366.267	1375.714
25.0	1344.888	1349.860	1355.329	1358.312	1367.759
25.5	1335.442	1341.408	1345.883	1350.357	1358.312
26.0	1326.493	1331.962	1337.928	1341.905	1350.855
26.5	1317.046	1322.515	1329.476	1332.956	1342.402

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CANDELA TABULATION - (Cont.)

27.0	1307.599	1312.571	1321.023	1325.498	1333.950
27.5	1296.661	1303.125	1311.577	1315.554	1325.498
28.0	1288.706	1293.678	1302.130	1306.605	1316.052
28.5	1278.265	1284.232	1292.684	1297.159	1306.605
29.0	1268.322	1274.288	1282.740	1288.209	1297.656
29.5	1257.881	1263.847	1272.796	1278.265	1287.712
30.0	1247.440	1253.903	1262.853	1269.813	1279.260
30.5	1236.502	1242.965	1253.406	1260.367	1269.316
31.0	1226.061	1232.524	1242.965	1250.423	1258.875
31.5	1215.123	1222.581	1233.022	1240.976	1249.926
32.0	1204.682	1211.145	1223.078	1230.536	1239.485
32.5	1193.247	1200.207	1212.637	1220.592	1229.541
33.0	1182.309	1189.766	1201.202	1210.648	1219.597
33.5	1171.868	1178.828	1191.258	1199.710	1209.157
34.0	1159.438	1167.393	1180.320	1189.766	1199.710
34.5	1148.003	1156.455	1169.879	1178.828	1188.772
35.0	1137.562	1144.522	1159.438	1168.885	1178.331
35.5	1124.138	1133.584	1148.003	1157.946	1167.393
36.0	1113.697	1121.652	1137.065	1147.008	1156.952
36.5	1100.770	1109.719	1125.629	1136.567	1147.008
37.0	1088.838	1098.284	1114.194	1125.132	1136.567
37.5	1076.408	1085.854	1103.256	1115.188	1125.132
38.0	1063.978	1073.922	1091.323	1103.753	1113.200
38.5	1051.051	1061.492	1079.888	1093.312	1102.262
39.0	1039.616	1049.063	1067.956	1081.877	1093.312
39.5	1026.689	1037.627	1056.520	1070.442	1081.380
40.0	1012.768	1024.701	1044.588	1060.001	1069.944
40.5	999.841	1012.271	1033.153	1049.063	1059.006
41.0	987.909	999.841	1021.220	1037.627	1047.571
41.5	974.982	987.412	1009.288	1026.192	1036.633
42.0	962.055	974.982	997.355	1015.254	1025.695
42.5	949.625	962.055	984.926	1003.819	1014.260
43.0	935.704	949.625	973.490	992.881	1003.322
43.5	923.772	936.699	961.061	981.445	992.383
44.0	910.348	923.772	948.631	970.507	980.948
44.5	897.918	911.342	936.201	958.575	969.513
45.0	884.991	898.415	924.269	948.134	959.072
45.5	872.064	885.986	912.336	937.196	948.134
46.0	859.138	873.059	899.410	925.263	936.699
46.5	846.211	860.132	888.472	915.320	925.761
47.0	832.787	847.702	876.042	903.387	914.822
47.5	819.860	834.775	863.612	891.952	903.387
48.0	807.430	821.849	851.183	881.511	891.952
48.5	793.509	809.419	839.747	869.578	881.014
49.0	781.079	795.995	826.820	858.143	869.578
49.5	768.153	783.565	814.888	847.205	858.640
50.0	754.728	770.638	802.956	835.273	847.205
50.5	742.299	758.209	790.526	825.329	836.764
51.0	729.372	745.282	779.588	813.894	825.826
51.5	716.942	732.355	767.158	802.956	814.888
52.0	703.518	719.925	755.226	791.520	803.950
52.5	690.591	706.999	743.790	780.085	793.509
53.0	677.167	694.569	731.858	770.141	782.074
53.5	664.241	682.139	720.423	758.706	771.633
54.0	651.811	669.710	708.987	747.768	761.192
54.5	639.879	656.783	697.552	737.824	750.751

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55.0	627.449	644.850	686.117	726.389	741.304
55.5	617.008	632.421	674.682	715.948	729.869
56.0	605.075	621.483	663.743	705.507	719.428
56.5	592.646	610.047	652.308	695.066	709.485
57.0	580.713	598.612	641.370	684.625	699.044
57.5	568.284	586.680	631.924	674.682	687.608
58.0	555.854	574.747	620.985	663.743	679.156
58.5	543.922	562.815	610.047	654.297	669.212
59.0	531.989	550.882	599.606	645.845	658.772
59.5	520.057	539.447	590.160	635.404	650.817
60.0	508.124	527.514	579.719	625.460	640.873
60.5	496.440	516.079	569.278	616.014	630.929
61.0	484.707	504.644	558.837	606.567	621.483
61.5	473.073	493.308	548.396	597.120	612.533
62.0	461.637	482.072	538.453	588.171	603.087
62.5	450.351	470.935	528.012	579.222	594.137
63.0	438.916	459.847	518.068	569.775	586.182
63.5	427.580	448.909	508.621	560.826	577.233
64.0	416.543	438.120	498.678	551.379	568.284
64.5	405.555	427.580	489.231	542.430	559.334
65.0	394.666	416.990	479.735	533.481	550.882
65.5	383.927	406.649	470.338	524.531	541.933
66.0	373.039	396.307	461.041	515.582	533.481
66.5	362.399	386.214	451.793	507.130	525.029
67.0	352.008	376.221	442.595	498.180	516.576
67.5	341.567	366.376	433.596	489.828	508.124
68.0	331.275	356.781	424.647	481.376	500.169
68.5	321.132	347.235	415.896	473.172	491.866
69.0	311.040	337.788	407.245	464.919	484.011
69.5	301.096	328.541	398.694	456.914	476.205
70.0	291.202	319.442	390.291	449.058	468.449
70.5	281.556	310.443	381.889	441.203	460.792
71.0	272.011	301.543	373.635	433.447	453.235
71.5	262.564	292.843	365.581	425.890	445.777
72.0	253.316	284.092	357.527	418.382	438.518
72.5	244.019	275.640	349.671	411.024	431.309
73.0	234.970	267.238	341.865	403.765	424.050
73.5	226.170	258.935	334.308	396.556	416.990
74.0	217.469	250.880	326.651	389.595	409.880
74.5	208.918	242.776	319.343	382.684	403.168
75.0	200.416	234.871	312.084	375.922	396.655
75.5	192.063	227.164	304.924	369.210	390.042
76.0	183.959	219.607	297.964	362.548	383.579
76.5	175.904	212.149	291.053	356.035	377.116
77.0	167.949	204.741	284.241	349.572	370.851
77.5	160.144	197.532	277.529	343.307	364.636
78.0	152.437	190.472	271.016	337.142	358.521
78.5	144.880	183.511	264.553	330.927	352.455
79.0	137.472	176.750	258.288	324.911	346.489
79.5	130.114	170.038	252.123	319.044	340.523
80.0	122.855	163.425	245.958	313.227	334.855
80.5	115.795	157.011	239.992	307.360	329.087
81.0	108.933	150.697	234.274	301.693	323.469
81.5	101.973	144.532	228.556	296.074	317.851
82.0	95.261	138.516	222.988	290.655	312.432
82.5	88.698	132.600	217.519	285.236	307.112

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83.0	82.235	126.832	212.149	280.015	301.941
83.5	75.821	121.214	207.028	274.695	296.572
84.0	69.556	115.745	202.056	269.674	291.450
84.5	63.342	110.475	197.184	264.702	286.429
85.0	57.375	105.354	192.411	259.780	281.407
85.5	51.409	100.481	187.737	255.007	276.535
86.0	45.542	95.808	183.163	250.333	271.712
86.5	39.725	91.433	178.838	245.660	266.889
87.0	34.008	87.206	174.463	241.235	262.166
87.5	28.290	83.279	170.336	236.760	257.642
88.0	22.622	79.450	166.259	232.434	253.068
88.5	16.904	75.871	162.331	228.159	248.643
89.0	11.684	72.490	158.602	224.032	244.268
89.5	7.408	69.357	154.973	220.055	239.992
90.0	4.425	66.573	151.642	216.276	236.064
90.5	3.132	64.137	148.559	212.497	231.888
91.0	3.331	61.900	145.427	208.669	227.910
91.5	3.977	59.762	142.295	205.040	223.933
92.0	4.723	57.972	139.312	201.360	220.055
92.5	5.519	56.431	136.776	197.830	216.226
93.0	6.314	55.088	134.141	194.499	212.547
93.5	7.159	54.044	131.655	191.218	209.067
94.0	8.054	53.149	129.318	188.135	205.686
94.5	8.900	52.503	127.130	185.003	202.206
95.0	9.745	52.006	125.092	181.920	198.874
95.5	10.540	51.658	123.203	178.987	195.593
96.0	11.187	51.508	121.562	176.153	192.361
96.5	11.833	51.508	119.921	173.518	189.378
97.0	12.430	51.558	118.430	170.982	186.395
97.5	13.076	51.757	117.038	168.546	183.661
98.0	13.623	51.956	115.795	166.160	180.876
98.5	14.269	52.205	114.751	163.873	178.291
99.0	14.916	52.503	113.657	161.735	175.755
99.5	15.612	52.851	112.712	159.696	173.269
100.0	16.208	53.199	111.966	157.807	171.032
100.5	16.904	53.597	111.221	155.967	168.745
101.0	17.501	53.994	110.674	154.227	166.706
101.5	18.098	54.392	110.127	152.586	164.618
102.0	18.644	54.790	109.729	151.045	162.779
102.5	19.191	55.188	109.331	149.603	160.939
103.0	19.738	55.635	109.033	148.161	159.298
103.5	20.335	56.083	108.784	146.918	157.608
104.0	20.981	56.480	108.536	145.775	156.067
104.5	21.628	56.928	108.387	144.681	154.625
105.0	22.224	57.375	108.237	143.687	153.233
105.5	22.771	57.773	108.088	142.643	152.040
106.0	23.417	58.270	108.039	141.748	150.846
106.5	24.014	58.718	108.039	140.903	149.653
107.0	24.611	59.215	108.039	140.107	148.659
107.5	25.158	59.613	108.039	139.510	147.615
108.0	25.854	60.110	108.039	138.814	146.570
108.5	26.500	60.607	108.088	138.317	145.874
109.0	27.146	61.005	108.188	137.671	145.178
109.5	27.842	61.452	108.237	137.223	144.433
110.0	28.538	61.900	108.337	136.726	143.836
110.5	29.235	62.347	108.436	136.279	143.289

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CANDELA TABULATION - (Cont.)

111.0	29.931	62.795	108.486	135.881	142.692
111.5	30.627	63.192	108.536	135.583	142.195
112.0	31.372	63.640	108.635	135.284	141.599
112.5	32.118	64.087	108.735	134.936	141.052
113.0	32.914	64.535	108.884	134.688	140.803
113.5	33.659	64.933	108.884	134.439	140.455
114.0	34.455	65.330	108.983	134.240	140.107
114.5	35.201	65.778	109.083	133.992	139.809
115.0	35.996	66.126	109.182	133.842	139.560
115.5	36.792	66.573	109.182	133.693	139.312
116.0	37.538	66.971	109.331	133.494	139.013
116.5	38.234	67.369	109.431	133.296	138.914
117.0	39.029	67.816	109.530	133.296	138.665
117.5	39.775	68.164	109.630	133.097	138.516
118.0	40.421	68.512	109.729	132.997	138.317
118.5	41.167	68.860	109.779	132.848	138.267
119.0	41.813	69.208	109.878	132.699	137.969
119.5	42.509	69.457	109.978	132.550	137.919
120.0	43.156	69.705	109.928	132.450	137.671
120.5	43.802	70.004	109.978	132.252	137.621
121.0	44.448	70.203	110.077	132.102	137.422
121.5	45.144	70.451	110.027	131.903	137.323
122.0	45.791	70.750	110.027	131.804	137.174
122.5	46.437	71.048	110.077	131.605	136.826
123.0	47.084	71.346	110.027	131.406	136.776
123.5	47.680	71.595	109.928	131.257	136.478
124.0	48.177	71.794	109.928	131.108	136.428
124.5	48.675	71.993	109.928	130.859	136.229
125.0	49.172	72.241	109.828	130.611	136.030
125.5	49.669	72.390	109.729	130.462	135.782
126.0	50.116	72.589	109.679	130.163	135.583
126.5	50.514	72.838	109.580	129.964	135.433
127.0	50.962	72.937	109.480	129.716	135.235
127.5	51.310	73.086	109.331	129.467	134.887
128.0	51.757	73.086	109.282	129.169	134.688
128.5	52.105	73.186	109.083	128.920	134.489
129.0	52.453	73.285	108.884	128.672	134.240
129.5	52.751	73.434	108.536	128.274	133.942
130.0	53.000	73.534	108.188	128.025	133.644
130.5	53.249	73.633	107.790	127.727	133.296
131.0	53.398	73.782	107.392	127.280	132.948
131.5	53.597	73.932	106.994	126.882	132.600
132.0	53.796	74.081	106.547	126.633	132.301
132.5	53.895	74.130	106.050	126.136	131.854
133.0	54.044	74.180	105.851	125.689	131.307
133.5	54.094	74.130	105.553	125.341	131.058
134.0	54.144	74.031	105.354	124.943	130.710
134.5	54.293	73.832	105.105	124.495	130.064
135.0	54.442	73.683	104.807	123.899	129.567
135.5	54.392	73.285	104.558	123.501	129.169
136.0	54.492	73.236	104.210	123.004	128.672
136.5	54.591	73.086	103.962	122.457	128.175
137.0	54.641	72.838	103.564	122.009	127.628
137.5	54.690	72.589	103.216	121.413	127.130
138.0	54.790	72.440	102.719	120.916	126.534
138.5	54.790	72.241	102.072	120.369	126.086

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	54.740	72.092	101.327	119.722	125.390
139.5	54.740	71.893	100.432	119.026	124.893
140.0	54.740	71.645	99.437	118.380	124.197
140.5	54.740	71.495	98.542	117.585	123.451
141.0	54.740	71.396	97.548	116.739	122.855
141.5	54.740	71.197	96.554	115.994	122.258
142.0	54.690	71.098	95.609	115.049	121.612
142.5	54.641	70.948	94.615	114.204	120.866
143.0	54.591	70.799	93.670	113.408	120.120
143.5	54.591	70.600	92.576	112.563	119.424
144.0	54.591	70.352	91.631	111.917	118.629
144.5	54.740	70.153	90.687	111.171	117.933
145.0	54.939	69.954	89.643	110.524	117.137
145.5	55.287	69.705	88.698	109.878	116.342
146.0	55.735	69.507	87.803	109.182	115.596
146.5	56.182	69.308	87.057	108.436	114.751
147.0	56.629	69.059	86.212	107.691	113.905
147.5	57.027	68.960	85.566	106.945	113.060
148.0	57.475	68.761	84.870	106.100	112.165
148.5	57.872	68.711	84.323	105.304	111.270
149.0	58.370	68.711	83.726	104.509	110.475
149.5	58.718	68.860	83.179	103.663	109.480
150.0	59.115	68.960	82.632	102.868	108.436
150.5	59.463	69.009	82.036	101.973	107.342
151.0	59.712	69.159	81.240	101.078	106.050
151.5	59.961	69.208	80.395	100.133	104.857
152.0	60.259	69.308	79.599	99.139	103.663
152.5	60.557	69.407	78.854	98.095	102.371
153.0	60.756	69.457	78.058	96.902	101.327
153.5	61.005	69.606	77.213	95.659	100.133
154.0	61.204	69.556	76.467	94.266	99.139
154.5	61.452	69.606	75.821	92.924	98.145
155.0	61.552	69.705	75.175	91.383	97.399
155.5	61.751	69.755	74.528	89.941	96.603
156.0	61.900	69.755	74.081	88.400	95.907
156.5	62.148	69.755	73.633	86.858	95.012
157.0	62.248	69.855	73.186	85.466	94.167
157.5	62.397	69.855	72.887	84.124	93.222
158.0	62.596	69.805	72.738	82.732	92.327
158.5	62.645	69.805	72.539	81.588	91.283
159.0	62.894	69.656	72.390	80.494	90.388
159.5	63.093	69.556	72.142	79.450	89.394
160.0	63.342	69.457	71.893	78.605	88.400
160.5	63.640	69.407	71.694	77.810	87.455
161.0	63.839	69.258	71.645	76.964	86.510
161.5	64.137	69.208	71.545	76.119	85.814
162.0	64.386	69.109	71.694	75.423	85.218
162.5	64.634	69.109	71.794	74.677	84.522
163.0	64.933	69.059	71.843	73.882	83.925
163.5	65.181	69.059	71.943	73.037	83.179
164.0	65.281	69.059	72.042	71.993	82.483
164.5	65.430	68.960	71.943	71.197	81.588
165.0	65.579	68.960	71.794	70.402	80.693
165.5	65.728	68.910	71.645	69.855	79.749
166.0	65.877	68.860	71.545	69.258	78.307
166.5	66.026	68.860	71.396	68.761	77.611

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	66.225	68.860	71.247	68.313	77.064
167.5	66.325	68.860	70.948	67.916	76.517
168.0	66.474	68.860	70.700	67.518	76.069
168.5	66.772	68.661	70.352	67.170	75.523
169.0	66.921	68.711	70.103	66.822	74.976
169.5	67.170	68.562	69.705	66.424	74.379
170.0	67.269	68.512	69.357	65.927	73.832
170.5	67.418	68.413	68.910	65.380	73.236
171.0	67.518	68.313	68.413	64.783	72.490
171.5	67.667	68.313	67.965	64.236	71.893
172.0	67.916	68.214	67.717	63.690	70.998
172.5	68.065	68.214	67.418	63.093	70.004
173.0	68.264	68.114	67.170	62.546	68.313
173.5	68.512	68.164	67.070	61.999	65.778
174.0	68.711	68.164	67.021	61.552	62.645
174.5	68.860	68.164	66.921	61.104	58.917
175.0	69.159	68.313	66.872	60.756	54.690
175.5	69.258	68.363	66.822	60.607	50.266
176.0	69.457	68.463	66.822	60.458	47.382
176.5	69.507	68.512	66.772	60.458	45.343
177.0	69.705	68.612	66.673	60.309	43.255
177.5	69.755	68.612	66.523	60.259	42.808
178.0	69.954	68.711	66.474	60.209	42.907
178.5	70.054	68.761	66.523	60.110	43.007
179.0	70.153	68.761	66.474	59.961	43.056
179.5	70.252	68.761	66.424	59.911	43.106
180.0	62.993	62.993	62.993	62.993	62.993

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-835-HE-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	569.22	N.A.	11.70
0-30	1192.7	N.A.	24.50
0-40	1915.91	N.A.	39.40
0-60	3242.42	N.A.	66.70
0-80	4039.48	N.A.	83.10
0-90	4239.94	N.A.	87.30
10-90	4091.54	N.A.	84.20
20-40	1346.69	N.A.	27.70
20-50	2058.87	N.A.	42.40
40-70	1799.04	N.A.	37.00
60-80	797.06	N.A.	16.40
70-80	324.53	N.A.	6.70
80-90	200.46	N.A.	4.10
90-110	234.14	N.A.	4.80
90-120	332.71	N.A.	6.80
90-130	423.42	N.A.	8.70
90-150	555.88	N.A.	11.40
90-180	619.20	N.A.	12.70
110-180	385.06	N.A.	7.90
0-180	4859.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	148.40
10-20	420.82
20-30	623.48
30-40	723.21
40-50	712.18
50-60	614.33
60-70	472.52
70-80	324.53
80-90	200.46
90-100	128.43
100-110	105.70
110-120	98.57
120-130	90.72
130-140	76.23
140-150	56.22
150-160	36.76
160-170	20.25
170-180	6.31

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L50-835-HE-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-L50-835-HE-DIM-UNV_.IES

UGR TABLE - CORRECTED

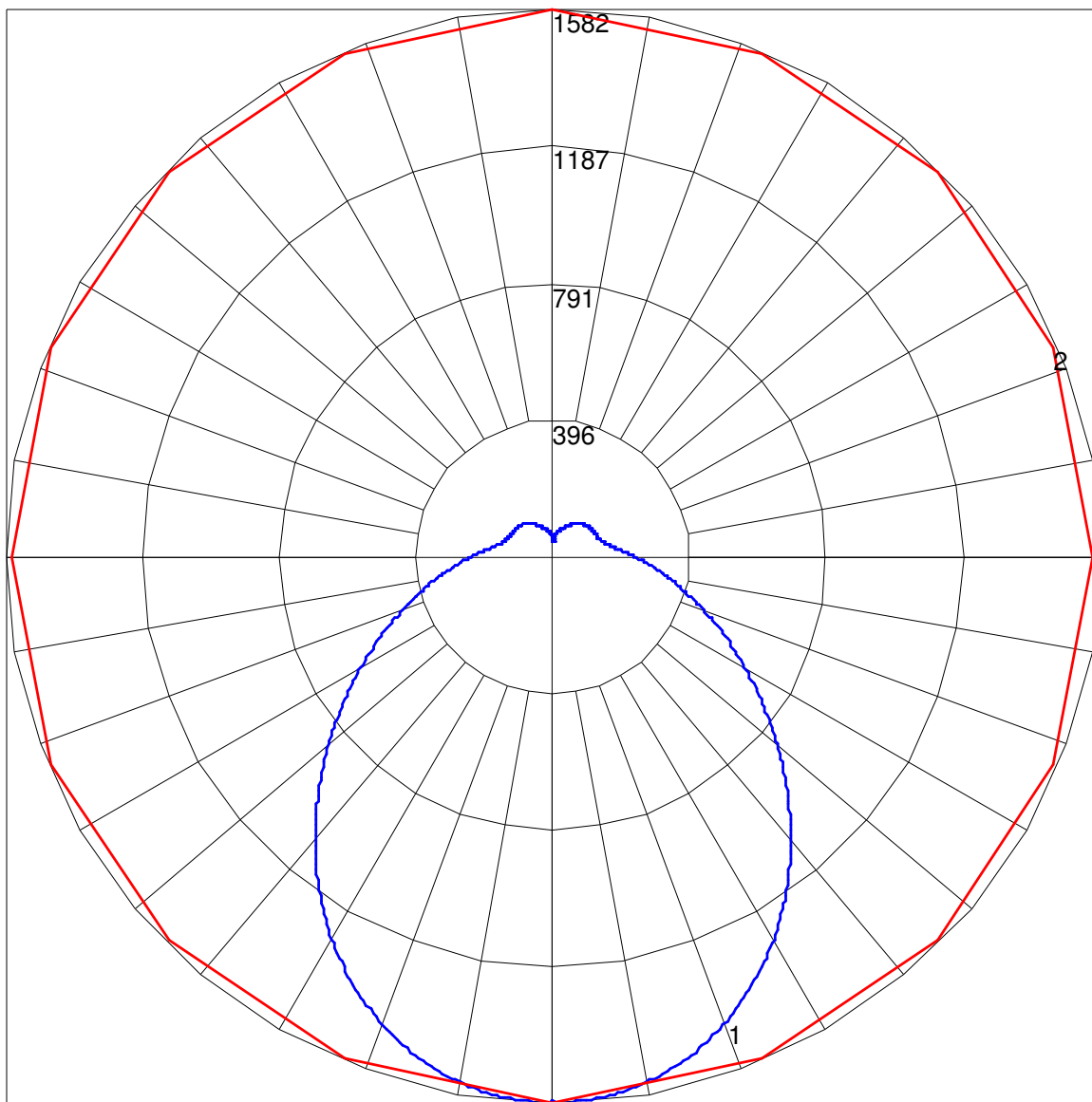
Reflectances

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 = 1582.046 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.)