

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-935-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-3-L64-935-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	5195
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	48.2
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)	2.80 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	15010	13482	13407
55	12959	11525	11770
65	10842	9851	10490
75	8608	8577	9805
85	6070	8377	10359

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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	1681.335	1681.335	1681.335	1681.335	1681.335
0.5	1673.362	1679.741	1680.804	1680.272	1691.435
1.0	1673.362	1680.272	1680.272	1679.741	1690.904
1.5	1671.767	1680.272	1679.741	1679.209	1691.435
2.0	1671.236	1678.678	1679.741	1678.678	1689.840
2.5	1671.236	1678.678	1678.146	1678.146	1688.777
3.0	1669.641	1677.083	1677.083	1677.083	1687.714
3.5	1668.578	1675.488	1675.488	1676.020	1686.651
4.0	1667.515	1674.425	1674.425	1673.894	1685.588
4.5	1664.857	1672.830	1673.362	1672.830	1683.993
5.0	1663.262	1671.236	1671.236	1671.236	1682.399
5.5	1661.136	1669.109	1669.109	1669.641	1680.272
6.0	1660.073	1666.452	1666.983	1666.983	1678.146
6.5	1656.352	1664.325	1664.857	1664.857	1675.488
7.0	1654.226	1661.668	1662.199	1661.668	1673.362
7.5	1652.099	1658.478	1659.541	1659.541	1670.704
8.0	1649.442	1656.352	1656.352	1656.352	1666.983
8.5	1646.784	1652.631	1653.694	1653.694	1663.794
9.0	1642.531	1649.973	1650.505	1649.973	1660.073
9.5	1639.873	1646.252	1646.252	1646.252	1657.947
10.0	1635.621	1642.000	1642.000	1643.063	1653.694
10.5	1631.900	1638.279	1638.810	1638.810	1649.973
11.0	1628.179	1634.558	1635.089	1634.558	1645.721
11.5	1623.395	1630.305	1631.368	1630.305	1642.000
12.0	1619.142	1625.521	1626.584	1626.584	1637.216
12.5	1614.890	1620.737	1622.332	1621.269	1632.963
13.0	1610.106	1616.485	1617.548	1617.016	1628.179
13.5	1605.322	1611.169	1612.232	1612.232	1623.927
14.0	1599.475	1605.853	1606.917	1606.917	1618.079
14.5	1594.691	1600.538	1601.601	1601.601	1613.827
15.0	1589.906	1595.222	1595.754	1595.754	1607.448
15.5	1584.059	1588.843	1590.438	1590.438	1601.069
16.0	1577.681	1582.996	1584.591	1584.591	1595.754
16.5	1572.365	1576.617	1578.212	1578.744	1589.906
17.0	1564.923	1569.707	1571.833	1572.365	1583.528
17.5	1558.544	1563.328	1565.455	1565.986	1577.149
18.0	1552.697	1556.950	1558.544	1560.139	1571.302
18.5	1545.787	1550.571	1552.165	1553.229	1564.391
19.0	1538.876	1542.597	1545.255	1546.318	1556.950
19.5	1530.903	1536.219	1538.345	1540.471	1550.039
20.0	1522.398	1528.245	1530.903	1532.498	1542.597
20.5	1513.893	1521.335	1523.461	1525.587	1535.687
21.0	1506.983	1512.830	1514.424	1518.677	1528.245
21.5	1499.009	1504.856	1507.514	1509.640	1520.272
22.0	1490.504	1497.414	1500.072	1502.199	1513.361
22.5	1483.062	1487.846	1491.567	1494.757	1505.388
23.0	1474.026	1479.341	1483.062	1486.252	1496.883
23.5	1464.457	1470.305	1475.089	1478.278	1488.909
24.0	1454.889	1461.268	1466.052	1469.773	1480.404
24.5	1446.916	1452.232	1457.547	1460.737	1470.836
25.0	1437.879	1443.195	1449.042	1452.232	1462.331
25.5	1427.780	1434.158	1438.942	1443.727	1452.232
26.0	1418.211	1424.059	1430.437	1434.690	1444.258
26.5	1408.112	1413.959	1421.401	1425.122	1435.222

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27.0	1398.012	1403.328	1412.364	1417.148	1426.185
27.5	1386.318	1393.228	1402.265	1406.517	1417.148
28.0	1377.813	1383.128	1392.165	1396.949	1407.049
28.5	1366.650	1373.029	1382.065	1386.849	1396.949
29.0	1356.019	1362.397	1371.434	1377.281	1387.381
29.5	1344.856	1351.234	1360.803	1366.650	1376.750
30.0	1333.693	1340.603	1350.171	1357.613	1367.713
30.5	1321.998	1328.909	1340.072	1347.514	1357.082
31.0	1310.836	1317.746	1328.909	1336.882	1345.919
31.5	1299.141	1307.115	1318.278	1326.783	1336.351
32.0	1287.978	1294.889	1307.646	1315.620	1325.188
32.5	1275.752	1283.194	1296.483	1304.988	1314.557
33.0	1264.058	1272.032	1284.257	1294.357	1303.925
33.5	1252.895	1260.337	1273.626	1282.663	1292.762
34.0	1239.606	1248.111	1261.932	1272.032	1282.663
34.5	1227.380	1236.417	1250.769	1260.337	1270.968
35.0	1216.217	1223.659	1239.606	1249.706	1259.806
35.5	1201.865	1211.965	1227.380	1238.011	1248.111
36.0	1190.702	1199.207	1215.686	1226.317	1236.948
36.5	1176.882	1186.450	1203.460	1215.154	1226.317
37.0	1164.124	1174.224	1191.234	1202.928	1215.154
37.5	1150.835	1160.935	1179.539	1192.297	1202.928
38.0	1137.546	1148.177	1166.782	1180.071	1190.171
38.5	1123.725	1134.888	1154.556	1168.908	1178.476
39.0	1111.499	1121.599	1141.798	1156.682	1168.908
39.5	1097.679	1109.373	1129.572	1144.456	1156.151
40.0	1082.795	1095.552	1116.815	1133.293	1143.925
40.5	1068.974	1082.263	1104.589	1121.599	1132.230
41.0	1056.217	1068.974	1091.831	1109.373	1120.004
41.5	1042.396	1055.685	1079.074	1097.147	1108.310
42.0	1028.575	1042.396	1066.316	1085.453	1096.616
42.5	1015.286	1028.575	1053.027	1073.227	1084.390
43.0	1000.403	1015.286	1040.801	1061.532	1072.695
43.5	987.645	1001.466	1027.512	1049.306	1061.001
44.0	973.293	987.645	1014.223	1037.612	1048.775
44.5	960.004	974.356	1000.934	1024.854	1036.549
45.0	946.183	960.535	988.177	1013.692	1025.386
45.5	932.362	947.246	975.419	1001.997	1013.692
46.0	918.542	933.426	961.598	989.240	1001.466
46.5	904.721	919.605	949.904	978.608	989.771
47.0	890.369	906.316	936.615	965.851	978.077
47.5	876.548	892.495	923.326	953.625	965.851
48.0	863.259	878.674	910.037	942.462	953.625
48.5	848.375	865.385	897.811	929.705	941.931
49.0	835.086	851.033	883.990	917.479	929.705
49.5	821.266	837.744	871.233	905.784	918.010
50.0	806.913	823.923	858.475	893.027	905.784
50.5	793.624	810.634	845.186	882.395	894.621
51.0	779.804	796.814	833.492	870.169	882.927
51.5	766.515	782.993	820.203	858.475	871.233
52.0	752.162	769.704	807.445	846.249	859.538
52.5	738.342	755.883	795.219	834.023	848.375
53.0	723.990	742.594	782.462	823.392	836.149
53.5	710.169	729.305	770.236	811.166	824.987
54.0	696.880	716.016	758.010	799.472	813.824
54.5	684.122	702.195	745.784	788.840	802.661

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55.0	670.833	689.438	733.558	776.614	792.561
55.5	659.670	676.149	721.332	765.451	780.335
56.0	646.913	664.454	709.637	754.289	769.172
56.5	633.624	652.228	697.411	743.126	758.541
57.0	620.866	640.002	685.717	731.963	747.378
57.5	607.577	627.245	675.617	721.332	735.152
58.0	594.288	614.487	663.923	709.637	726.116
58.5	581.530	601.730	652.228	699.538	715.484
59.0	568.773	588.972	641.066	690.501	704.322
59.5	556.015	576.746	630.966	679.338	695.817
60.0	543.258	563.989	619.803	668.707	685.185
60.5	530.766	551.763	608.640	658.607	674.554
61.0	518.221	539.537	597.477	648.507	664.454
61.5	505.783	527.417	586.315	638.408	654.886
62.0	493.557	515.404	575.683	628.840	644.787
62.5	481.490	503.497	564.520	619.272	635.218
63.0	469.264	491.643	553.889	609.172	626.713
63.5	457.145	479.949	543.789	599.604	617.145
64.0	445.344	468.414	533.158	589.504	607.577
64.5	433.596	457.145	523.059	579.936	598.009
65.0	421.955	445.822	512.906	570.368	588.972
65.5	410.473	434.766	502.859	560.800	579.404
66.0	398.832	423.709	492.919	551.231	570.368
66.5	387.457	412.919	483.032	542.195	561.331
67.0	376.347	402.234	473.198	532.627	552.294
67.5	365.184	391.709	463.577	523.696	543.258
68.0	354.181	381.450	454.008	514.660	534.753
68.5	343.337	371.244	444.653	505.889	525.876
69.0	332.546	361.144	435.404	497.065	517.477
69.5	321.915	351.257	426.261	488.507	509.132
70.0	311.337	341.530	417.277	480.108	500.839
70.5	301.024	331.908	408.294	471.709	492.653
71.0	290.818	322.393	399.470	463.417	484.573
71.5	280.719	313.091	390.859	455.337	476.600
72.0	270.832	303.735	382.247	447.311	468.839
72.5	260.891	294.699	373.849	439.444	461.131
73.0	251.217	285.715	365.503	431.683	453.371
73.5	241.808	276.838	357.423	423.975	445.822
74.0	232.506	268.227	349.237	416.533	438.221
74.5	223.363	259.562	341.423	409.144	431.045
75.0	214.273	251.111	333.662	401.915	424.081
75.5	205.343	242.871	326.008	394.739	417.012
76.0	196.679	234.792	318.566	387.616	410.101
76.5	188.067	226.818	311.177	380.653	403.191
77.0	179.562	218.898	303.895	373.742	396.493
77.5	171.217	211.190	296.719	367.045	389.849
78.0	162.977	203.642	289.755	360.453	383.310
78.5	154.898	196.200	282.845	353.809	376.825
79.0	146.977	188.971	276.147	347.377	370.447
79.5	139.110	181.795	269.556	341.104	364.068
80.0	131.349	174.725	262.964	334.885	358.008
80.5	123.801	167.868	256.586	328.613	351.842
81.0	116.466	161.117	250.473	322.553	345.835
81.5	109.024	154.526	244.360	316.546	339.829
82.0	101.848	148.094	238.406	310.752	334.035
82.5	94.831	141.768	232.559	304.958	328.347

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83.0	87.921	135.602	226.818	299.377	322.819
83.5	81.063	129.595	221.343	293.689	317.078
84.0	74.366	123.748	216.027	288.320	311.603
84.5	67.721	118.113	210.818	283.004	306.234
85.0	61.342	112.638	205.715	277.742	300.865
85.5	54.964	107.429	200.718	272.639	295.656
86.0	48.691	102.432	195.828	267.642	290.499
86.5	42.472	97.755	191.203	262.646	285.343
87.0	36.359	93.236	186.526	257.915	280.293
87.5	30.246	89.037	182.114	253.131	275.456
88.0	24.186	84.944	177.755	248.506	270.566
88.5	18.073	81.117	173.555	243.934	265.835
89.0	12.492	77.502	169.569	239.523	261.157
89.5	7.920	74.153	165.688	235.270	256.586
90.0	4.731	71.176	162.127	231.230	252.386
90.5	3.349	68.572	158.831	227.190	247.921
91.0	3.561	66.180	155.482	223.097	243.669
91.5	4.253	63.894	152.133	219.217	239.416
92.0	5.050	61.980	148.944	215.283	235.270
92.5	5.900	60.332	146.233	211.509	231.177
93.0	6.751	58.897	143.416	207.948	227.243
93.5	7.655	57.781	140.758	204.439	223.522
94.0	8.611	56.824	138.260	201.144	219.908
94.5	9.515	56.133	135.921	197.795	216.187
95.0	10.419	55.602	133.741	194.499	212.625
95.5	11.269	55.229	131.721	191.363	209.117
96.0	11.960	55.070	129.967	188.333	205.662
96.5	12.651	55.070	128.213	185.516	202.473
97.0	13.289	55.123	126.618	182.805	199.283
97.5	13.980	55.336	125.130	180.200	196.360
98.0	14.565	55.548	123.801	177.649	193.383
98.5	15.256	55.814	122.685	175.203	190.619
99.0	15.947	56.133	121.515	172.918	187.908
99.5	16.691	56.505	120.505	170.738	185.250
100.0	17.329	56.877	119.708	168.718	182.858
100.5	18.073	57.303	118.911	166.751	180.413
101.0	18.711	57.728	118.326	164.891	178.233
101.5	19.349	58.153	117.741	163.137	176.001
102.0	19.934	58.578	117.316	161.489	174.034
102.5	20.518	59.004	116.891	159.947	172.067
103.0	21.103	59.482	116.572	158.406	170.313
103.5	21.741	59.960	116.306	157.077	168.506
104.0	22.432	60.386	116.040	155.854	166.858
104.5	23.123	60.864	115.881	154.685	165.316
105.0	23.761	61.342	115.721	153.622	163.828
105.5	24.346	61.768	115.562	152.506	162.552
106.0	25.037	62.299	115.509	151.549	161.276
106.5	25.675	62.778	115.509	150.645	160.001
107.0	26.312	63.309	115.509	149.795	158.937
107.5	26.897	63.734	115.509	149.157	157.821
108.0	27.641	64.266	115.509	148.413	156.705
108.5	28.332	64.798	115.562	147.881	155.961
109.0	29.023	65.223	115.668	147.190	155.217
109.5	29.768	65.701	115.721	146.712	154.419
110.0	30.512	66.180	115.828	146.180	153.781
110.5	31.256	66.658	115.934	145.702	153.197

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CANDELA TABULATION - (Cont.)

111.0	32.000	67.136	115.987	145.276	152.559
111.5	32.744	67.562	116.040	144.957	152.027
112.0	33.542	68.040	116.147	144.638	151.389
112.5	34.339	68.519	116.253	144.266	150.805
113.0	35.190	68.997	116.412	144.001	150.539
113.5	35.987	69.422	116.412	143.735	150.167
114.0	36.837	69.847	116.519	143.522	149.795
114.5	37.635	70.326	116.625	143.256	149.476
115.0	38.485	70.698	116.731	143.097	149.210
115.5	39.336	71.176	116.731	142.937	148.944
116.0	40.133	71.602	116.891	142.725	148.625
116.5	40.877	72.027	116.997	142.512	148.519
117.0	41.728	72.505	117.103	142.512	148.253
117.5	42.525	72.877	117.210	142.300	148.094
118.0	43.216	73.249	117.316	142.193	147.881
118.5	44.013	73.622	117.369	142.034	147.828
119.0	44.704	73.994	117.476	141.874	147.509
119.5	45.449	74.259	117.582	141.715	147.456
120.0	46.140	74.525	117.529	141.609	147.190
120.5	46.831	74.844	117.582	141.396	147.137
121.0	47.522	75.057	117.688	141.236	146.924
121.5	48.266	75.323	117.635	141.024	146.818
122.0	48.957	75.641	117.635	140.917	146.658
122.5	49.648	75.960	117.688	140.705	146.286
123.0	50.339	76.279	117.635	140.492	146.233
123.5	50.977	76.545	117.529	140.333	145.914
124.0	51.509	76.758	117.529	140.173	145.861
124.5	52.040	76.970	117.529	139.908	145.648
125.0	52.572	77.236	117.422	139.642	145.436
125.5	53.103	77.396	117.316	139.482	145.170
126.0	53.582	77.608	117.263	139.163	144.957
126.5	54.007	77.874	117.157	138.951	144.798
127.0	54.485	77.980	117.050	138.685	144.585
127.5	54.857	78.140	116.891	138.419	144.213
128.0	55.336	78.140	116.838	138.100	144.001
128.5	55.708	78.246	116.625	137.834	143.788
129.0	56.080	78.352	116.412	137.569	143.522
129.5	56.399	78.512	116.040	137.143	143.203
130.0	56.665	78.618	115.668	136.878	142.884
130.5	56.930	78.725	115.243	136.559	142.512
131.0	57.090	78.884	114.818	136.080	142.140
131.5	57.303	79.043	114.392	135.655	141.768
132.0	57.515	79.203	113.914	135.389	141.449
132.5	57.621	79.256	113.382	134.858	140.971
133.0	57.781	79.309	113.170	134.379	140.386
133.5	57.834	79.256	112.851	134.007	140.120
134.0	57.887	79.150	112.638	133.582	139.748
134.5	58.047	78.937	112.373	133.104	139.057
135.0	58.206	78.778	112.054	132.466	138.525
135.5	58.153	78.352	111.788	132.040	138.100
136.0	58.259	78.299	111.416	131.509	137.569
136.5	58.366	78.140	111.150	130.924	137.037
137.0	58.419	77.874	110.725	130.446	136.452
137.5	58.472	77.608	110.353	129.808	135.921
138.0	58.578	77.449	109.821	129.276	135.283
138.5	58.578	77.236	109.130	128.692	134.805

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	58.525	77.077	108.333	128.000	134.060
139.5	58.525	76.864	107.376	127.256	133.529
140.0	58.525	76.598	106.313	126.565	132.785
140.5	58.525	76.439	105.356	125.715	131.987
141.0	58.525	76.333	104.293	124.811	131.349
141.5	58.525	76.120	103.230	124.014	130.711
142.0	58.472	76.014	102.220	123.004	130.020
142.5	58.419	75.854	101.157	122.100	129.223
143.0	58.366	75.695	100.147	121.250	128.426
143.5	58.366	75.482	98.977	120.346	127.682
144.0	58.366	75.216	97.967	119.655	126.831
144.5	58.525	75.004	96.957	118.858	126.087
145.0	58.738	74.791	95.841	118.167	125.236
145.5	59.110	74.525	94.831	117.476	124.386
146.0	59.588	74.313	93.874	116.731	123.589
146.5	60.067	74.100	93.077	115.934	122.685
147.0	60.545	73.834	92.173	115.137	121.781
147.5	60.970	73.728	91.482	114.339	120.878
148.0	61.449	73.515	90.738	113.436	119.921
148.5	61.874	73.462	90.153	112.585	118.964
149.0	62.406	73.462	89.515	111.735	118.113
149.5	62.778	73.622	88.931	110.831	117.050
150.0	63.203	73.728	88.346	109.980	115.934
150.5	63.575	73.781	87.708	109.024	114.765
151.0	63.841	73.940	86.857	108.067	113.382
151.5	64.107	73.994	85.954	107.057	112.107
152.0	64.425	74.100	85.103	105.994	110.831
152.5	64.744	74.206	84.306	104.877	109.449
153.0	64.957	74.259	83.455	103.602	108.333
153.5	65.223	74.419	82.552	102.273	107.057
154.0	65.435	74.366	81.754	100.784	105.994
154.5	65.701	74.419	81.063	99.349	104.931
155.0	65.808	74.525	80.372	97.701	104.133
155.5	66.020	74.578	79.681	96.160	103.283
156.0	66.180	74.578	79.203	94.512	102.539
156.5	66.445	74.578	78.725	92.864	101.582
157.0	66.552	74.685	78.246	91.376	100.678
157.5	66.711	74.685	77.927	89.941	99.668
158.0	66.924	74.632	77.768	88.452	98.711
158.5	66.977	74.632	77.555	87.230	97.595
159.0	67.243	74.472	77.396	86.060	96.638
159.5	67.455	74.366	77.130	84.944	95.575
160.0	67.721	74.259	76.864	84.040	94.512
160.5	68.040	74.206	76.651	83.190	93.502
161.0	68.253	74.047	76.598	82.286	92.492
161.5	68.572	73.994	76.492	81.382	91.748
162.0	68.837	73.887	76.651	80.638	91.110
162.5	69.103	73.887	76.758	79.841	90.366
163.0	69.422	73.834	76.811	78.990	89.728
163.5	69.688	73.834	76.917	78.087	88.931
164.0	69.794	73.834	77.024	76.970	88.186
164.5	69.954	73.728	76.917	76.120	87.230
165.0	70.113	73.728	76.758	75.269	86.273
165.5	70.273	73.675	76.598	74.685	85.263
166.0	70.432	73.622	76.492	74.047	83.721
166.5	70.592	73.622	76.333	73.515	82.977

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	70.804	73.622	76.173	73.037	82.392
167.5	70.911	73.622	75.854	72.612	81.808
168.0	71.070	73.622	75.588	72.186	81.329
168.5	71.389	73.409	75.216	71.814	80.744
169.0	71.548	73.462	74.950	71.442	80.160
169.5	71.814	73.303	74.525	71.017	79.522
170.0	71.921	73.249	74.153	70.485	78.937
170.5	72.080	73.143	73.675	69.901	78.299
171.0	72.186	73.037	73.143	69.263	77.502
171.5	72.346	73.037	72.665	68.678	76.864
172.0	72.612	72.931	72.399	68.093	75.907
172.5	72.771	72.931	72.080	67.455	74.844
173.0	72.984	72.824	71.814	66.871	73.037
173.5	73.249	72.877	71.708	66.286	70.326
174.0	73.462	72.877	71.655	65.808	66.977
174.5	73.622	72.877	71.548	65.329	62.990
175.0	73.940	73.037	71.495	64.957	58.472
175.5	74.047	73.090	71.442	64.798	53.741
176.0	74.259	73.196	71.442	64.638	50.658
176.5	74.313	73.249	71.389	64.638	48.479
177.0	74.525	73.356	71.283	64.479	46.246
177.5	74.578	73.356	71.123	64.425	45.768
178.0	74.791	73.462	71.070	64.372	45.874
178.5	74.897	73.515	71.123	64.266	45.980
179.0	75.004	73.515	71.070	64.107	46.033
179.5	75.110	73.515	71.017	64.053	46.087
180.0	67.349	67.349	67.349	67.349	67.349

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-935-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	608.57	N.A.	11.70
0-30	1275.17	N.A.	24.50
0-40	2048.38	N.A.	39.40
0-60	3466.61	N.A.	66.70
0-80	4318.78	N.A.	83.10
0-90	4533.1	N.A.	87.30
10-90	4374.44	N.A.	84.20
20-40	1439.81	N.A.	27.70
20-50	2201.23	N.A.	42.40
40-70	1923.43	N.A.	37.00
60-80	852.17	N.A.	16.40
70-80	346.97	N.A.	6.70
80-90	214.32	N.A.	4.10
90-110	250.33	N.A.	4.80
90-120	355.71	N.A.	6.80
90-130	452.70	N.A.	8.70
90-150	594.31	N.A.	11.40
90-180	662.01	N.A.	12.70
110-180	411.68	N.A.	7.90
0-180	5195.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	158.66
10-20	449.92
20-30	666.59
30-40	773.21
40-50	761.42
50-60	656.81
60-70	505.20
70-80	346.97
80-90	214.32
90-100	137.31
100-110	113.01
110-120	105.38
120-130	96.99
130-140	81.50
140-150	60.11
150-160	39.30
160-170	21.65
170-180	6.75

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-935-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-3-L64-935-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

X=2H	Y=2H	18.5	19.8	19.0	20.4	21.0	20.1	21.5	20.7	22.0	22.7
	3H	19.8	21.1	20.4	21.6	22.3	22.3	23.5	22.9	24.1	24.8
	4H	20.3	21.4	20.9	22.0	22.7	23.4	24.5	23.9	25.1	25.8
	6H	20.6	21.7	21.2	22.3	22.9	24.5	25.6	25.1	26.2	26.8
	8H	20.6	21.7	21.3	22.3	23.0	25.0	26.1	25.7	26.7	27.4
	12H	20.7	21.7	21.3	22.3	23.0	25.7	26.7	26.3	27.3	28.0

UGR Viewed Endwise

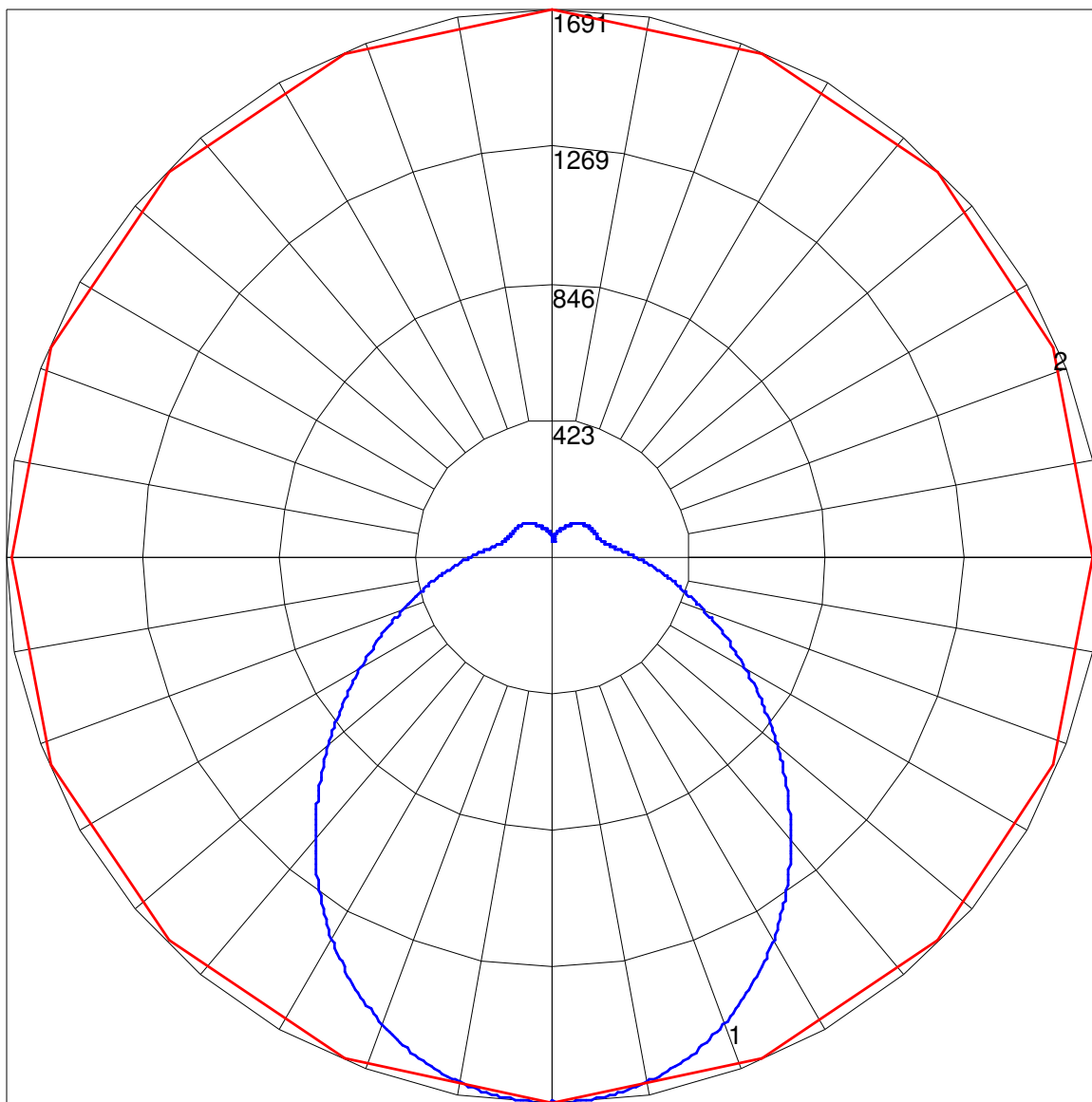
4H	2H	19.2	20.4	19.8	21.0	21.6	20.5	21.7	21.1	22.3	22.9
	3H	20.8	21.8	21.4	22.4	23.1	22.9	23.9	23.5	24.6	25.3
	4H	21.4	22.3	22.0	22.9	23.6	24.2	25.1	24.8	25.7	26.4
	6H	21.8	22.6	22.4	23.2	24.0	25.5	26.3	26.1	26.9	27.7
	8H	21.9	22.6	22.5	23.3	24.0	26.2	26.9	26.8	27.6	28.3
	12H	22.0	22.6	22.6	23.3	24.1	26.9	27.6	27.6	28.3	29.1

8H	4H	21.9	22.7	22.6	23.3	24.1	24.4	25.1	25.0	25.8	26.5
	6H	22.5	23.1	23.2	23.8	24.6	25.9	26.5	26.5	27.2	27.9
	8H	22.7	23.3	23.4	24.0	24.8	26.7	27.3	27.4	28.0	28.7
	12H	22.9	23.4	23.6	24.1	24.9	27.7	28.2	28.4	28.9	29.7

12H	4H	22.1	22.8	22.8	23.4	24.2	24.4	25.0	25.0	25.7	26.5
	6H	22.8	23.3	23.5	24.0	24.8	25.9	26.5	26.6	27.1	28.0
	8H	23.1	23.6	23.8	24.3	25.1	26.8	27.3	27.5	28.0	28.8

Maximum UGR = 29.7

POLAR GRAPH



Maximum Candela = 1691.435 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.)