

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-927-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-3-L64-927-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	5007
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
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	14467	12995	12923
55	12491	11109	11345
65	10450	9495	10110
75	8297	8267	9450
85	5850	8074	9985

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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	1620.564	1620.564	1620.564	1620.564	1620.564
0.5	1612.879	1619.027	1620.052	1619.540	1630.299
1.0	1612.879	1619.540	1619.540	1619.027	1629.787
1.5	1611.342	1619.540	1619.027	1618.515	1630.299
2.0	1610.830	1618.003	1619.027	1618.003	1628.762
2.5	1610.830	1618.003	1617.490	1617.490	1627.737
3.0	1609.293	1616.465	1616.465	1616.465	1626.712
3.5	1608.268	1614.928	1614.928	1615.441	1625.688
4.0	1607.243	1613.904	1613.904	1613.391	1624.663
4.5	1604.681	1612.367	1612.879	1612.367	1623.126
5.0	1603.144	1610.830	1610.830	1610.830	1621.589
5.5	1601.095	1608.780	1608.780	1609.293	1619.540
6.0	1600.070	1606.218	1606.731	1606.731	1617.490
6.5	1596.484	1604.169	1604.681	1604.681	1614.928
7.0	1594.434	1601.607	1602.120	1601.607	1612.879
7.5	1592.385	1598.533	1599.558	1599.558	1610.317
8.0	1589.823	1596.484	1596.484	1596.484	1606.731
8.5	1587.261	1592.897	1593.922	1593.922	1603.657
9.0	1583.163	1590.336	1590.848	1590.336	1600.070
9.5	1580.601	1586.749	1586.749	1586.749	1598.021
10.0	1576.502	1582.650	1582.650	1583.675	1593.922
10.5	1572.916	1579.064	1579.576	1579.576	1590.336
11.0	1569.329	1575.477	1575.990	1575.477	1586.237
11.5	1564.718	1571.379	1572.403	1571.379	1582.650
12.0	1560.619	1566.767	1567.792	1567.792	1578.039
12.5	1556.520	1562.156	1563.693	1562.669	1573.940
13.0	1551.909	1558.058	1559.082	1558.570	1569.329
13.5	1547.298	1552.934	1553.959	1553.959	1565.230
14.0	1541.662	1547.810	1548.835	1548.835	1559.595
14.5	1537.051	1542.687	1543.712	1543.712	1555.496
15.0	1532.440	1537.563	1538.076	1538.076	1549.348
15.5	1526.804	1531.415	1532.952	1532.952	1543.199
16.0	1520.656	1525.779	1527.316	1527.316	1538.076
16.5	1515.532	1519.631	1521.168	1521.681	1532.440
17.0	1508.360	1512.971	1515.020	1515.532	1526.292
17.5	1502.211	1506.822	1508.872	1509.384	1520.144
18.0	1496.575	1500.674	1502.211	1503.748	1514.508
18.5	1489.915	1494.526	1496.063	1497.088	1507.847
19.0	1483.254	1486.841	1489.403	1490.427	1500.674
19.5	1475.569	1480.693	1482.742	1484.791	1494.014
20.0	1467.371	1473.007	1475.569	1477.106	1486.841
20.5	1459.174	1466.347	1468.396	1470.446	1480.180
21.0	1452.513	1458.149	1459.686	1463.785	1473.007
21.5	1444.828	1450.464	1453.026	1455.075	1465.322
22.0	1436.630	1443.291	1445.853	1447.902	1458.662
22.5	1429.458	1434.069	1437.655	1440.729	1450.976
23.0	1420.748	1425.871	1429.458	1432.532	1442.779
23.5	1411.525	1417.161	1421.772	1424.846	1435.093
24.0	1402.303	1408.451	1413.062	1416.649	1426.896
24.5	1394.618	1399.741	1404.865	1407.939	1417.674
25.0	1385.908	1391.031	1396.667	1399.741	1409.476
25.5	1376.173	1382.321	1386.932	1391.544	1399.741
26.0	1366.951	1372.587	1378.735	1382.834	1392.056
26.5	1357.216	1362.852	1370.025	1373.611	1383.346

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**CANDELA TABULATION - (Cont.)**

27.0	1347.482	1352.605	1361.315	1365.926	1374.636
27.5	1336.210	1342.870	1351.580	1355.679	1365.926
28.0	1328.012	1333.136	1341.846	1346.457	1356.191
28.5	1317.253	1323.401	1332.111	1336.722	1346.457
29.0	1307.006	1313.154	1321.864	1327.500	1337.234
29.5	1296.246	1302.395	1311.617	1317.253	1326.987
30.0	1285.487	1292.148	1301.370	1308.543	1318.278
30.5	1274.215	1280.876	1291.635	1298.808	1308.031
31.0	1263.456	1270.117	1280.876	1288.561	1297.271
31.5	1252.184	1259.870	1270.629	1278.827	1288.049
32.0	1241.425	1248.086	1260.382	1268.067	1277.289
32.5	1229.641	1236.814	1249.623	1257.820	1267.042
33.0	1218.369	1226.054	1237.839	1247.573	1256.795
33.5	1207.610	1214.783	1227.592	1236.301	1246.036
34.0	1194.801	1202.999	1216.320	1226.054	1236.301
34.5	1183.017	1191.727	1205.560	1214.783	1225.030
35.0	1172.258	1179.431	1194.801	1204.536	1214.270
35.5	1158.424	1168.159	1183.017	1193.264	1202.999
36.0	1147.665	1155.862	1171.745	1181.992	1192.239
36.5	1134.344	1143.566	1159.961	1171.233	1181.992
37.0	1122.047	1131.782	1148.177	1159.449	1171.233
37.5	1109.239	1118.973	1136.905	1149.202	1159.449
38.0	1096.430	1106.677	1124.609	1137.418	1147.153
38.5	1083.109	1093.868	1112.825	1126.658	1135.881
39.0	1071.325	1081.059	1100.529	1114.874	1126.658
39.5	1058.004	1069.275	1088.745	1103.090	1114.362
40.0	1043.658	1055.954	1076.448	1092.331	1102.578
40.5	1030.337	1043.145	1064.664	1081.059	1091.306
41.0	1018.040	1030.337	1052.368	1069.275	1079.522
41.5	1004.719	1017.528	1040.071	1057.491	1068.251
42.0	991.398	1004.719	1027.775	1046.219	1056.979
42.5	978.589	991.398	1014.966	1034.435	1045.195
43.0	964.243	978.589	1003.182	1023.164	1033.923
43.5	951.947	965.268	990.373	1011.380	1022.651
44.0	938.114	951.947	977.565	1000.108	1010.867
44.5	925.305	939.138	964.756	987.812	999.083
45.0	911.984	925.817	952.459	977.052	988.324
45.5	898.663	913.008	940.163	965.780	977.052
46.0	885.341	899.687	926.842	953.484	965.268
46.5	872.020	886.366	915.570	943.237	953.996
47.0	858.187	873.557	902.761	930.941	942.725
47.5	844.866	860.236	889.953	919.157	930.941
48.0	832.057	846.915	877.144	908.397	919.157
48.5	817.711	834.106	865.360	896.101	907.885
49.0	804.902	820.273	852.039	884.317	896.101
49.5	791.581	807.464	839.742	873.045	884.829
50.0	777.748	794.143	827.446	860.749	873.045
50.5	764.939	781.334	814.637	850.502	862.286
51.0	751.618	768.013	803.365	838.718	851.014
51.5	738.809	754.692	790.557	827.446	839.742
52.0	724.976	741.883	778.260	815.662	828.471
52.5	711.655	728.562	766.476	803.878	817.711
53.0	697.821	715.753	754.180	793.631	805.927
53.5	684.500	702.945	742.396	781.847	795.168
54.0	671.691	690.136	730.612	770.575	784.408
54.5	659.395	676.815	718.828	760.328	773.649

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**CANDELA TABULATION - (Cont.)**

55.0	646.586	664.518	707.044	748.544	763.914
55.5	635.827	651.710	695.259	737.785	752.130
56.0	623.530	640.438	683.988	727.025	741.371
56.5	610.722	628.654	672.204	716.266	731.124
57.0	598.425	616.870	660.932	705.506	720.365
57.5	585.616	604.573	651.197	695.259	708.581
58.0	572.808	592.277	639.926	683.988	699.871
58.5	560.511	579.981	628.654	674.253	689.624
59.0	548.215	567.684	617.895	665.543	678.864
59.5	535.918	555.900	608.160	654.784	670.667
60.0	523.622	543.604	597.401	644.537	660.420
60.5	511.582	531.820	586.641	634.802	650.173
61.0	499.490	520.036	575.882	625.067	640.438
61.5	487.501	508.354	565.122	615.333	631.216
62.0	475.717	496.775	554.875	606.111	621.481
62.5	464.087	485.298	544.116	596.888	612.259
63.0	452.303	473.873	533.869	587.154	604.061
63.5	440.621	462.601	524.134	577.931	594.839
64.0	429.247	451.483	513.887	568.197	585.616
64.5	417.924	440.621	504.153	558.974	576.394
65.0	406.704	429.708	494.367	549.752	567.684
65.5	395.637	419.051	484.683	540.530	558.462
66.0	384.416	408.394	475.103	531.307	549.752
66.5	373.452	397.994	465.573	522.597	541.042
67.0	362.744	387.696	456.094	513.375	532.332
67.5	351.985	377.551	446.821	504.768	523.622
68.0	341.379	367.663	437.598	496.058	515.424
68.5	330.927	357.826	428.581	487.604	506.868
69.0	320.526	348.091	419.666	479.099	498.773
69.5	310.279	338.561	410.854	470.850	490.729
70.0	300.084	329.185	402.195	462.755	482.737
70.5	290.144	319.912	393.536	454.660	474.846
71.0	280.307	310.741	385.031	446.667	467.059
71.5	270.572	301.774	376.731	438.879	459.373
72.0	261.043	292.757	368.431	431.143	451.893
72.5	251.462	284.047	360.336	423.560	444.464
73.0	242.137	275.388	352.292	416.080	436.984
73.5	233.068	266.832	344.504	408.651	429.708
74.0	224.102	258.532	336.614	401.478	422.382
74.5	215.290	250.181	329.083	394.356	415.465
75.0	206.528	242.034	321.602	387.388	408.753
75.5	197.921	234.093	314.224	380.471	401.939
76.0	189.570	226.305	307.052	373.606	395.278
76.5	181.270	218.620	299.930	366.894	388.618
77.0	173.072	210.986	292.911	360.234	382.162
77.5	165.028	203.557	285.994	353.778	375.758
78.0	157.087	196.281	279.282	347.425	369.456
78.5	149.299	189.109	272.622	341.020	363.205
79.0	141.665	182.141	266.166	334.821	357.057
79.5	134.082	175.224	259.813	328.775	350.909
80.0	126.602	168.410	253.460	322.781	345.068
80.5	119.326	161.800	247.312	316.735	339.125
81.0	112.256	155.293	241.419	310.894	333.335
81.5	105.083	148.940	235.527	305.105	327.546
82.0	98.166	142.741	229.789	299.520	321.961
82.5	91.403	136.644	224.153	293.935	316.479

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**CANDELA TABULATION - (Cont.)**

83.0	84.743	130.701	218.620	288.556	311.150
83.5	78.133	124.911	213.343	283.074	305.617
84.0	71.678	119.275	208.219	277.899	300.340
84.5	65.273	113.844	203.198	272.775	295.165
85.0	59.125	108.567	198.280	267.703	289.990
85.5	52.977	103.546	193.464	262.785	284.969
86.0	46.931	98.730	188.750	257.968	279.999
86.5	40.937	94.221	184.292	253.152	275.030
87.0	35.045	89.866	179.784	248.592	270.162
87.5	29.153	85.819	175.531	243.981	265.500
88.0	23.312	81.874	171.330	239.524	260.786
88.5	17.420	78.185	167.282	235.118	256.226
89.0	12.040	74.701	163.440	230.865	251.718
89.5	7.634	71.473	159.700	226.766	247.312
90.0	4.560	68.604	156.267	222.872	243.264
90.5	3.228	66.093	153.090	218.979	238.960
91.0	3.433	63.788	149.862	215.033	234.861
91.5	4.099	61.585	146.635	211.293	230.763
92.0	4.867	59.740	143.561	207.502	226.766
92.5	5.687	58.152	140.948	203.864	222.821
93.0	6.507	56.768	138.232	200.431	219.030
93.5	7.378	55.692	135.670	197.050	215.443
94.0	8.300	54.770	133.262	193.873	211.959
94.5	9.171	54.104	131.008	190.646	208.373
95.0	10.042	53.592	128.907	187.469	204.940
95.5	10.862	53.233	126.960	184.446	201.559
96.0	11.528	53.079	125.270	181.526	198.228
96.5	12.194	53.079	123.579	178.810	195.154
97.0	12.809	53.131	122.042	176.197	192.080
97.5	13.475	53.336	120.607	173.687	189.262
98.0	14.038	53.541	119.326	171.227	186.393
98.5	14.704	53.797	118.250	168.871	183.729
99.0	15.371	54.104	117.123	166.668	181.116
99.5	16.088	54.463	116.150	164.567	178.554
100.0	16.703	54.821	115.381	162.620	176.249
100.5	17.420	55.231	114.613	160.724	173.892
101.0	18.035	55.641	114.049	158.931	171.791
101.5	18.650	56.051	113.486	157.240	169.639
102.0	19.213	56.461	113.076	155.652	167.744
102.5	19.777	56.871	112.666	154.166	165.848
103.0	20.340	57.332	112.358	152.680	164.157
103.5	20.955	57.793	112.102	151.400	162.415
104.0	21.621	58.203	111.846	150.221	160.827
104.5	22.287	58.664	111.692	149.094	159.341
105.0	22.902	59.125	111.539	148.069	157.906
105.5	23.466	59.535	111.385	146.993	156.677
106.0	24.132	60.047	111.334	146.071	155.447
106.5	24.747	60.509	111.334	145.200	154.217
107.0	25.361	61.021	111.334	144.380	153.193
107.5	25.925	61.431	111.334	143.766	152.117
108.0	26.642	61.943	111.334	143.048	151.041
108.5	27.308	62.456	111.385	142.536	150.324
109.0	27.974	62.865	111.487	141.870	149.606
109.5	28.692	63.327	111.539	141.409	148.838
110.0	29.409	63.788	111.641	140.896	148.223
110.5	30.126	64.249	111.744	140.435	147.659

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**CANDELA TABULATION - (Cont.)**

111.0	30.843	64.710	111.795	140.025	147.045
111.5	31.561	65.120	111.846	139.718	146.532
112.0	32.329	65.581	111.949	139.411	145.917
112.5	33.098	66.042	112.051	139.052	145.354
113.0	33.918	66.503	112.205	138.796	145.098
113.5	34.686	66.913	112.205	138.540	144.739
114.0	35.506	67.323	112.307	138.335	144.380
114.5	36.274	67.784	112.410	138.078	144.073
115.0	37.094	68.143	112.512	137.925	143.817
115.5	37.914	68.604	112.512	137.771	143.561
116.0	38.682	69.014	112.666	137.566	143.253
116.5	39.400	69.423	112.768	137.361	143.151
117.0	40.220	69.885	112.871	137.361	142.895
117.5	40.988	70.243	112.973	137.156	142.741
118.0	41.654	70.602	113.076	137.054	142.536
118.5	42.423	70.961	113.127	136.900	142.485
119.0	43.089	71.319	113.229	136.746	142.177
119.5	43.806	71.575	113.332	136.593	142.126
120.0	44.472	71.832	113.281	136.490	141.870
120.5	45.138	72.139	113.332	136.285	141.819
121.0	45.804	72.344	113.434	136.131	141.614
121.5	46.521	72.600	113.383	135.927	141.511
122.0	47.187	72.907	113.383	135.824	141.357
122.5	47.854	73.215	113.434	135.619	140.999
123.0	48.520	73.522	113.383	135.414	140.948
123.5	49.134	73.778	113.281	135.261	140.640
124.0	49.647	73.983	113.281	135.107	140.589
124.5	50.159	74.188	113.281	134.851	140.384
125.0	50.671	74.445	113.178	134.594	140.179
125.5	51.184	74.598	113.076	134.441	139.923
126.0	51.645	74.803	113.024	134.133	139.718
126.5	52.055	75.059	112.922	133.928	139.564
127.0	52.516	75.162	112.820	133.672	139.359
127.5	52.875	75.316	112.666	133.416	139.001
128.0	53.336	75.316	112.615	133.109	138.796
128.5	53.694	75.418	112.410	132.852	138.591
129.0	54.053	75.520	112.205	132.596	138.335
129.5	54.360	75.674	111.846	132.186	138.027
130.0	54.617	75.777	111.487	131.930	137.720
130.5	54.873	75.879	111.078	131.623	137.361
131.0	55.026	76.033	110.668	131.162	137.002
131.5	55.231	76.187	110.258	130.752	136.644
132.0	55.436	76.340	109.797	130.496	136.336
132.5	55.539	76.391	109.284	129.983	135.875
133.0	55.692	76.443	109.079	129.522	135.312
133.5	55.744	76.391	108.772	129.164	135.056
134.0	55.795	76.289	108.567	128.754	134.697
134.5	55.949	76.084	108.311	128.293	134.031
135.0	56.102	75.930	108.003	127.678	133.519
135.5	56.051	75.520	107.747	127.268	133.109
136.0	56.154	75.469	107.389	126.755	132.596
136.5	56.256	75.316	107.132	126.192	132.084
137.0	56.307	75.059	106.723	125.731	131.520
137.5	56.359	74.803	106.364	125.116	131.008
138.0	56.461	74.649	105.852	124.604	130.393
138.5	56.461	74.445	105.186	124.040	129.932

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

139.0	56.410	74.291	104.417	123.374	129.215
139.5	56.410	74.086	103.495	122.657	128.702
140.0	56.410	73.830	102.470	121.991	127.985
140.5	56.410	73.676	101.548	121.171	127.217
141.0	56.410	73.574	100.523	120.300	126.602
141.5	56.410	73.369	99.498	119.531	125.987
142.0	56.359	73.266	98.525	118.558	125.321
142.5	56.307	73.112	97.500	117.687	124.552
143.0	56.256	72.959	96.527	116.867	123.784
143.5	56.256	72.754	95.400	115.996	123.067
144.0	56.256	72.498	94.426	115.330	122.247
144.5	56.410	72.293	93.453	114.562	121.530
145.0	56.615	72.088	92.377	113.895	120.710
145.5	56.973	71.832	91.403	113.229	119.890
146.0	57.434	71.627	90.481	112.512	119.121
146.5	57.896	71.422	89.713	111.744	118.250
147.0	58.357	71.165	88.842	110.975	117.379
147.5	58.767	71.063	88.176	110.207	116.508
148.0	59.228	70.858	87.458	109.336	115.586
148.5	59.638	70.807	86.895	108.516	114.664
149.0	60.150	70.807	86.280	107.696	113.844
149.5	60.509	70.961	85.716	106.825	112.820
150.0	60.918	71.063	85.153	106.005	111.744
150.5	61.277	71.114	84.538	105.083	110.616
151.0	61.533	71.268	83.718	104.161	109.284
151.5	61.789	71.319	82.847	103.187	108.055
152.0	62.097	71.422	82.027	102.163	106.825
152.5	62.404	71.524	81.259	101.087	105.493
153.0	62.609	71.575	80.439	99.857	104.417
153.5	62.865	71.729	79.568	98.576	103.187
154.0	63.070	71.678	78.799	97.142	102.163
154.5	63.327	71.729	78.133	95.758	101.138
155.0	63.429	71.832	77.467	94.170	100.369
155.5	63.634	71.883	76.801	92.684	99.550
156.0	63.788	71.883	76.340	91.096	98.832
156.5	64.044	71.883	75.879	89.508	97.910
157.0	64.146	71.985	75.418	88.073	97.039
157.5	64.300	71.985	75.111	86.690	96.066
158.0	64.505	71.934	74.957	85.255	95.143
158.5	64.556	71.934	74.752	84.077	94.068
159.0	64.812	71.780	74.598	82.950	93.145
159.5	65.017	71.678	74.342	81.874	92.121
160.0	65.273	71.575	74.086	81.003	91.096
160.5	65.581	71.524	73.881	80.183	90.122
161.0	65.786	71.370	73.830	79.312	89.149
161.5	66.093	71.319	73.727	78.441	88.432
162.0	66.349	71.217	73.881	77.724	87.817
162.5	66.606	71.217	73.983	76.955	87.100
163.0	66.913	71.165	74.035	76.135	86.485
163.5	67.169	71.165	74.137	75.264	85.716
164.0	67.272	71.165	74.240	74.188	84.999
164.5	67.425	71.063	74.137	73.369	84.077
165.0	67.579	71.063	73.983	72.549	83.154
165.5	67.733	71.012	73.830	71.985	82.181
166.0	67.886	70.961	73.727	71.370	80.695
166.5	68.040	70.961	73.574	70.858	79.978

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

167.0	68.245	70.961	73.420	70.397	79.414
167.5	68.348	70.961	73.112	69.987	78.851
168.0	68.501	70.961	72.856	69.577	78.390
168.5	68.809	70.756	72.498	69.219	77.826
169.0	68.962	70.807	72.241	68.860	77.262
169.5	69.219	70.653	71.832	68.450	76.648
170.0	69.321	70.602	71.473	67.938	76.084
170.5	69.475	70.499	71.012	67.374	75.469
171.0	69.577	70.397	70.499	66.759	74.701
171.5	69.731	70.397	70.038	66.196	74.086
172.0	69.987	70.294	69.782	65.632	73.164
172.5	70.141	70.294	69.475	65.017	72.139
173.0	70.346	70.192	69.219	64.454	70.397
173.5	70.602	70.243	69.116	63.890	67.784
174.0	70.807	70.243	69.065	63.429	64.556
174.5	70.961	70.243	68.962	62.968	60.714
175.0	71.268	70.397	68.911	62.609	56.359
175.5	71.370	70.448	68.860	62.456	51.799
176.0	71.575	70.551	68.860	62.302	48.827
176.5	71.627	70.602	68.809	62.302	46.726
177.0	71.832	70.704	68.706	62.148	44.574
177.5	71.883	70.704	68.552	62.097	44.113
178.0	72.088	70.807	68.501	62.046	44.216
178.5	72.190	70.858	68.552	61.943	44.318
179.0	72.293	70.858	68.501	61.789	44.370
179.5	72.395	70.858	68.450	61.738	44.421
180.0	64.915	64.915	64.915	64.915	64.915



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-927-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	586.58	N.A.	11.70
0-30	1229.08	N.A.	24.50
0-40	1974.34	N.A.	39.40
0-60	3341.32	N.A.	66.70
0-80	4162.68	N.A.	83.10
0-90	4369.26	N.A.	87.30
10-90	4216.33	N.A.	84.20
20-40	1387.76	N.A.	27.70
20-50	2121.67	N.A.	42.40
40-70	1853.91	N.A.	37.00
60-80	821.37	N.A.	16.40
70-80	334.43	N.A.	6.70
80-90	206.57	N.A.	4.10
90-110	241.28	N.A.	4.80
90-120	342.85	N.A.	6.80
90-130	436.34	N.A.	8.70
90-150	572.83	N.A.	11.40
90-180	638.08	N.A.	12.70
110-180	396.80	N.A.	7.90
0-180	5007.34	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	152.92
10-20	433.65
20-30	642.50
30-40	745.26
40-50	733.90
50-60	633.07
60-70	486.94
70-80	334.43
80-90	206.57
90-100	132.35
100-110	108.93
110-120	101.58
120-130	93.48
130-140	78.56
140-150	57.93
150-160	37.88
160-170	20.87
170-180	6.50

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-927-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-3-L64-927-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

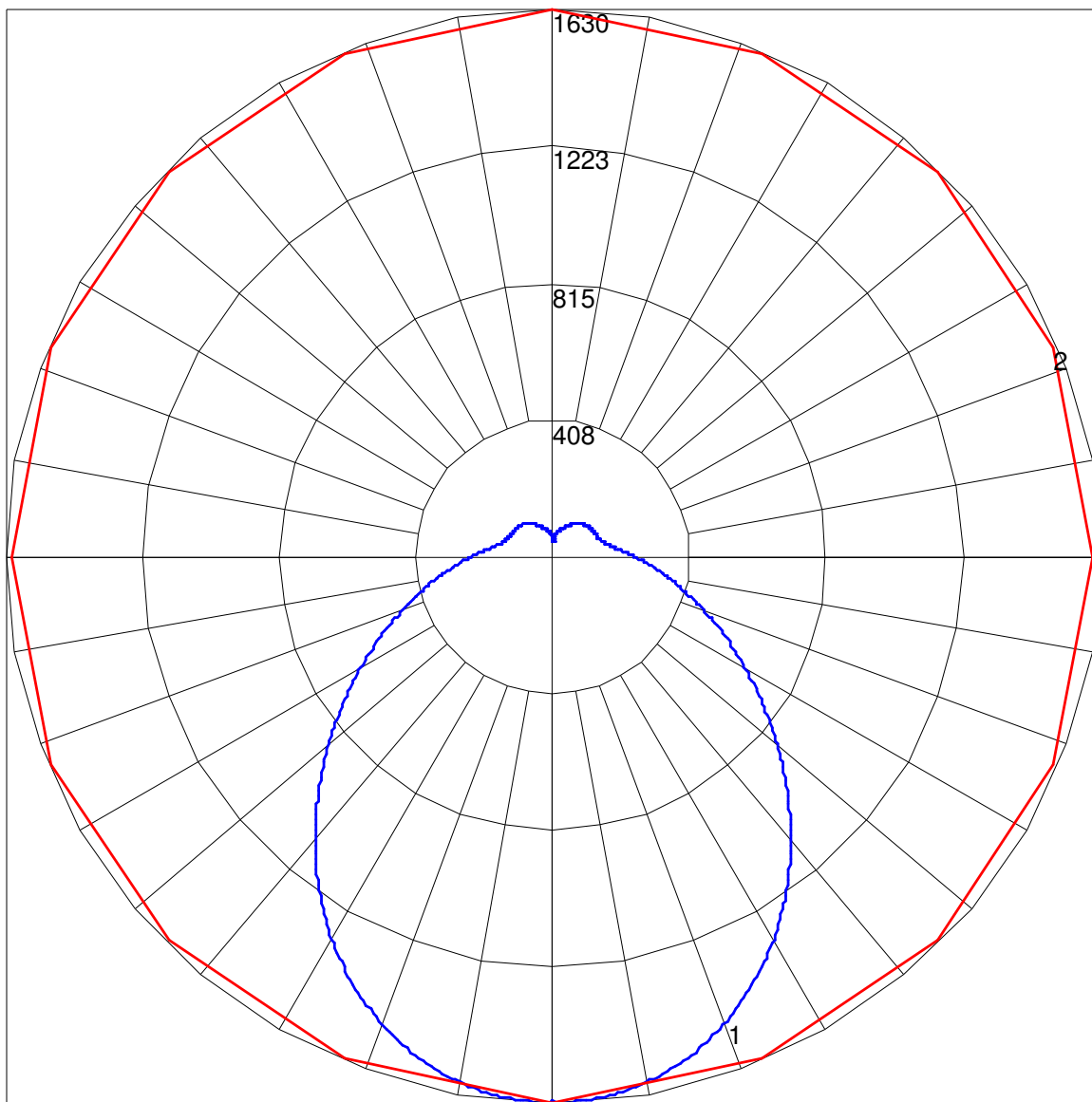
Reflectances

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	18.4	19.7	18.9	20.3	20.9	20.0	21.4	20.6	21.9	22.6
	3H	19.7	21.0	20.3	21.5	22.2	22.2	23.4	22.8	24.0	24.7
	4H	20.2	21.3	20.8	21.9	22.6	23.3	24.4	23.8	25.0	25.7
	6H	20.5	21.6	21.1	22.2	22.8	24.4	25.5	25.0	26.1	26.7
	8H	20.5	21.6	21.2	22.2	22.9	24.9	26.0	25.6	26.6	27.3
	12H	20.6	21.6	21.2	22.2	22.9	25.6	26.6	26.2	27.2	27.9
4H	2H	19.1	20.3	19.7	20.9	21.5	20.4	21.6	21.0	22.2	22.8
	3H	20.7	21.7	21.3	22.3	23.0	22.8	23.8	23.4	24.5	25.2
	4H	21.3	22.2	21.9	22.8	23.5	24.1	25.0	24.7	25.6	26.3
	6H	21.7	22.5	22.3	23.1	23.9	25.4	26.2	26.0	26.8	27.6
	8H	21.8	22.5	22.4	23.2	23.9	26.1	26.8	26.7	27.5	28.2
	12H	21.9	22.5	22.5	23.2	24.0	26.8	27.5	27.5	28.2	29.0
8H	4H	21.8	22.6	22.5	23.2	24.0	24.3	25.0	24.9	25.7	26.4
	6H	22.4	23.0	23.1	23.7	24.5	25.8	26.4	26.4	27.1	27.8
	8H	22.6	23.2	23.3	23.9	24.7	26.6	27.2	27.3	27.9	28.6
	12H	22.8	23.3	23.5	24.0	24.8	27.6	28.1	28.3	28.8	29.6
12H	4H	22.0	22.7	22.7	23.3	24.1	24.3	24.9	24.9	25.6	26.4
	6H	22.7	23.2	23.4	23.9	24.7	25.8	26.4	26.5	27.0	27.9
	8H	23.0	23.5	23.7	24.2	25.0	26.7	27.2	27.4	27.9	28.7

Maximum UGR = 29.6

POLAR GRAPH



Maximum Candela = 1630.299 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.)