

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-940-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-L64-940-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	5383
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
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	15552	13969	13892
55	13427	11942	12195
65	11234	10207	10869
75	8920	8887	10159
85	6289	8680	10733

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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	1742.106	1742.106	1742.106	1742.106	1742.106
0.5	1733.845	1740.454	1741.556	1741.005	1752.571
1.0	1733.845	1741.005	1741.005	1740.454	1752.020
1.5	1732.192	1741.005	1740.454	1739.903	1752.571
2.0	1731.642	1739.353	1740.454	1739.353	1750.919
2.5	1731.642	1739.353	1738.802	1738.802	1749.817
3.0	1729.989	1737.700	1737.700	1737.700	1748.716
3.5	1728.888	1736.048	1736.048	1736.599	1747.614
4.0	1727.786	1734.946	1734.946	1734.396	1746.513
4.5	1725.032	1733.294	1733.845	1733.294	1744.860
5.0	1723.380	1731.642	1731.642	1731.642	1743.208
5.5	1721.177	1729.439	1729.439	1729.989	1741.005
6.0	1720.075	1726.685	1727.235	1727.235	1738.802
6.5	1716.220	1724.482	1725.032	1725.032	1736.048
7.0	1714.017	1721.728	1722.278	1721.728	1733.845
7.5	1711.814	1718.423	1719.525	1719.525	1731.091
8.0	1709.060	1716.220	1716.220	1716.220	1727.235
8.5	1706.306	1712.364	1713.466	1713.466	1723.931
9.0	1701.900	1709.611	1710.161	1709.611	1720.075
9.5	1699.146	1705.755	1705.755	1705.755	1717.872
10.0	1694.740	1701.349	1701.349	1702.450	1713.466
10.5	1690.884	1697.493	1698.044	1698.044	1709.611
11.0	1687.029	1693.638	1694.189	1693.638	1705.204
11.5	1682.072	1689.232	1690.333	1689.232	1701.349
12.0	1677.666	1684.275	1685.376	1685.376	1696.392
12.5	1673.259	1679.318	1680.970	1679.869	1691.986
13.0	1668.302	1674.912	1676.013	1675.462	1687.029
13.5	1663.345	1669.404	1670.505	1670.505	1682.623
14.0	1657.287	1663.896	1664.998	1664.998	1676.564
14.5	1652.330	1658.388	1659.490	1659.490	1672.158
15.0	1647.373	1652.881	1653.431	1653.431	1665.548
15.5	1641.314	1646.271	1647.924	1647.924	1658.939
16.0	1634.705	1640.213	1641.865	1641.865	1653.431
16.5	1629.197	1633.603	1635.256	1635.807	1647.373
17.0	1621.486	1626.443	1628.646	1629.197	1640.763
17.5	1614.877	1619.834	1622.037	1622.588	1634.154
18.0	1608.818	1613.225	1614.877	1616.529	1628.096
18.5	1601.658	1606.615	1608.268	1609.369	1620.936
19.0	1594.498	1598.354	1601.108	1602.209	1613.225
19.5	1586.237	1591.744	1593.947	1596.151	1606.065
20.0	1577.424	1583.483	1586.237	1587.889	1598.354
20.5	1568.612	1576.323	1578.526	1580.729	1591.194
21.0	1561.452	1567.510	1569.163	1573.569	1583.483
21.5	1553.190	1559.249	1562.002	1564.206	1575.221
22.0	1544.378	1551.538	1554.292	1556.495	1568.061
22.5	1536.667	1541.624	1545.479	1548.784	1559.799
23.0	1527.304	1532.811	1536.667	1539.971	1550.987
23.5	1517.390	1523.448	1528.405	1531.710	1542.725
24.0	1507.476	1514.085	1519.042	1522.897	1533.913
24.5	1499.214	1504.722	1510.229	1513.534	1523.999
25.0	1489.851	1495.358	1501.417	1504.722	1515.186
25.5	1479.386	1485.995	1490.952	1495.909	1504.722
26.0	1469.472	1475.531	1482.140	1486.546	1496.460
26.5	1459.007	1465.066	1472.777	1476.632	1487.097

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**CANDELA TABULATION - (Cont.)**

27.0	1448.542	1454.050	1463.413	1468.370	1477.734
27.5	1436.425	1443.585	1452.949	1457.355	1468.370
28.0	1427.613	1433.121	1442.484	1447.441	1457.906
28.5	1416.047	1422.656	1432.019	1436.976	1447.441
29.0	1405.031	1411.640	1421.004	1427.062	1437.527
29.5	1393.465	1400.074	1409.988	1416.047	1426.511
30.0	1381.898	1389.059	1398.973	1406.683	1417.148
30.5	1369.781	1376.942	1388.508	1396.219	1406.133
31.0	1358.215	1365.375	1376.942	1385.203	1394.566
31.5	1346.098	1354.360	1365.926	1374.738	1384.652
32.0	1334.532	1341.692	1354.910	1363.172	1373.086
32.5	1321.864	1329.575	1343.344	1352.157	1362.071
33.0	1309.747	1318.008	1330.676	1341.141	1351.055
33.5	1298.180	1305.891	1319.661	1329.024	1339.489
34.0	1284.411	1293.223	1307.544	1318.008	1329.024
34.5	1271.743	1281.106	1295.977	1305.891	1316.907
35.0	1260.177	1267.888	1284.411	1294.876	1305.341
35.5	1245.306	1255.771	1271.743	1282.759	1293.223
36.0	1233.740	1242.552	1259.626	1270.642	1281.657
36.5	1219.419	1229.333	1246.958	1259.075	1270.642
37.0	1206.201	1216.666	1234.290	1246.407	1259.075
37.5	1192.431	1202.896	1222.173	1235.392	1246.407
38.0	1178.662	1189.677	1208.955	1222.724	1233.189
38.5	1164.342	1175.908	1196.287	1211.158	1221.072
39.0	1151.674	1162.139	1183.068	1198.490	1211.158
39.5	1137.354	1149.471	1170.400	1185.822	1197.939
40.0	1121.932	1135.151	1157.182	1174.256	1185.271
40.5	1107.612	1121.381	1144.514	1162.139	1173.154
41.0	1094.393	1107.612	1131.295	1149.471	1160.486
41.5	1080.073	1093.842	1118.076	1136.803	1148.369
42.0	1065.753	1080.073	1104.858	1124.686	1136.252
42.5	1051.983	1065.753	1091.088	1112.018	1123.584
43.0	1036.562	1051.983	1078.421	1099.901	1111.467
43.5	1023.343	1037.663	1064.651	1087.233	1099.350
44.0	1008.472	1023.343	1050.882	1075.116	1086.682
44.5	994.703	1009.574	1037.112	1061.897	1074.014
45.0	980.382	995.253	1023.894	1050.331	1062.448
45.5	966.062	981.484	1010.675	1038.214	1050.331
46.0	951.742	967.164	996.355	1024.995	1037.663
46.5	937.422	952.844	984.238	1013.980	1025.546
47.0	922.551	939.074	970.468	1000.761	1013.429
47.5	908.231	924.754	956.699	988.093	1000.761
48.0	894.461	910.434	942.930	976.527	988.093
48.5	879.039	896.664	930.262	963.308	975.976
49.0	865.270	881.793	915.941	950.640	963.308
49.5	850.950	868.024	902.723	938.523	951.191
50.0	836.079	853.704	889.504	925.305	938.523
50.5	822.309	839.934	875.735	914.289	926.957
51.0	807.989	825.614	863.618	901.621	914.840
51.5	794.220	811.294	849.848	889.504	902.723
52.0	779.349	797.525	836.630	876.836	890.606
52.5	765.029	783.204	823.962	864.168	879.039
53.0	750.158	769.435	810.743	853.153	866.372
53.5	735.838	755.665	798.075	840.485	854.805
54.0	722.068	741.896	785.407	828.368	843.239
54.5	708.849	727.576	772.740	817.352	831.673

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**CANDELA TABULATION - (Cont.)**

55.0	695.080	714.357	760.072	804.685	821.208
55.5	683.514	700.588	747.404	793.118	808.540
56.0	670.295	688.471	735.287	781.552	796.974
56.5	656.526	675.803	722.619	769.986	785.958
57.0	643.307	663.135	710.502	758.419	774.392
57.5	629.538	649.916	700.037	747.404	761.724
58.0	615.768	636.698	687.920	735.287	752.361
58.5	602.550	623.479	675.803	724.822	741.345
59.0	589.331	610.260	664.237	715.459	729.779
59.5	576.112	597.593	653.772	703.892	720.967
60.0	562.894	584.374	642.206	692.877	709.951
60.5	549.950	571.706	630.639	682.412	698.936
61.0	536.952	559.038	619.073	671.947	688.471
61.5	524.064	546.481	607.507	661.483	678.557
62.0	511.396	534.033	596.491	651.569	668.092
62.5	498.893	521.696	584.925	641.655	658.178
63.0	486.226	509.413	573.909	631.190	649.366
63.5	473.668	497.296	563.444	621.276	639.452
64.0	461.441	485.344	552.429	610.811	629.538
64.5	449.268	473.668	541.964	600.897	619.624
65.0	437.206	461.936	531.444	590.983	610.260
65.5	425.310	450.480	521.035	581.069	600.346
66.0	413.248	439.024	510.735	571.155	590.983
66.5	401.461	427.843	500.491	561.792	581.620
67.0	389.950	416.773	490.301	551.878	572.257
67.5	378.384	405.867	480.332	542.625	562.894
68.0	366.982	395.237	470.418	533.262	554.081
68.5	355.747	384.662	460.725	524.174	544.883
69.0	344.566	374.198	451.141	515.031	536.181
69.5	333.550	363.953	441.668	506.164	527.534
70.0	322.590	353.874	432.360	497.461	518.942
70.5	311.905	343.905	423.052	488.759	510.460
71.0	301.330	334.046	413.909	480.167	502.088
71.5	290.865	324.407	404.986	471.795	493.826
72.0	280.621	314.714	396.063	463.479	485.785
72.5	270.321	305.351	387.361	455.327	477.799
73.0	260.297	296.042	378.714	447.286	469.757
73.5	250.548	286.844	370.342	439.299	461.936
74.0	240.910	277.922	361.860	431.589	454.060
74.5	231.436	268.944	353.764	423.933	446.625
75.0	222.018	260.187	345.722	416.442	439.410
75.5	212.765	251.650	337.791	409.007	432.084
76.0	203.787	243.278	330.080	401.626	424.924
76.5	194.865	235.016	322.425	394.411	417.764
77.0	186.052	226.810	314.879	387.251	410.824
77.5	177.405	218.824	307.443	380.311	403.940
78.0	168.868	211.003	300.228	373.482	397.165
78.5	160.496	203.292	293.068	366.597	390.446
79.0	152.290	195.801	286.128	359.933	383.836
79.5	144.138	188.366	279.299	353.433	377.227
80.0	136.097	181.040	272.469	346.989	370.948
80.5	128.276	173.935	265.860	340.490	364.559
81.0	120.675	166.940	259.526	334.211	358.335
81.5	112.964	160.111	253.192	327.987	352.111
82.0	105.529	153.446	247.023	321.984	346.108
82.5	98.259	146.892	240.965	315.981	340.215

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**CANDELA TABULATION - (Cont.)**

83.0	91.098	140.503	235.016	310.197	334.487
83.5	83.993	134.279	229.343	304.304	328.538
84.0	77.054	128.221	223.836	298.741	322.865
84.5	70.169	122.383	218.438	293.233	317.302
85.0	63.560	116.710	213.151	287.781	311.740
85.5	56.950	111.312	207.973	282.493	306.342
86.0	50.451	106.135	202.906	277.316	300.999
86.5	44.007	101.288	198.114	272.139	295.657
87.0	37.673	96.606	193.268	267.237	290.425
87.5	31.339	92.255	188.696	262.280	285.412
88.0	25.060	88.014	184.180	257.488	280.345
88.5	18.726	84.049	179.829	252.751	275.443
89.0	12.943	80.303	175.698	248.180	270.597
89.5	8.207	76.833	171.677	243.774	265.860
90.0	4.902	73.749	167.987	239.588	261.509
90.5	3.470	71.050	164.572	235.402	256.882
91.0	3.690	68.572	161.102	231.161	252.476
91.5	4.406	66.203	157.632	227.140	248.070
92.0	5.232	64.221	154.328	223.065	243.774
92.5	6.114	62.513	151.519	219.154	239.533
93.0	6.995	61.026	148.600	215.464	235.457
93.5	7.931	59.869	145.846	211.829	231.602
94.0	8.923	58.878	143.257	208.414	227.856
94.5	9.859	58.162	140.834	204.944	224.001
95.0	10.795	57.611	138.575	201.529	220.311
95.5	11.676	57.226	136.482	198.280	216.676
96.0	12.392	57.060	134.665	195.140	213.095
96.5	13.108	57.060	132.847	192.221	209.791
97.0	13.769	57.116	131.195	189.412	206.486
97.5	14.485	57.336	129.653	186.713	203.457
98.0	15.091	57.556	128.276	184.070	200.373
98.5	15.807	57.832	127.119	181.536	197.508
99.0	16.523	58.162	125.908	179.168	194.700
99.5	17.294	58.548	124.861	176.909	191.946
100.0	17.955	58.933	124.035	174.816	189.467
100.5	18.726	59.374	123.209	172.779	186.934
101.0	19.387	59.814	122.603	170.851	184.675
101.5	20.048	60.255	121.997	169.033	182.362
102.0	20.654	60.696	121.556	167.326	180.324
102.5	21.260	61.136	121.116	165.729	178.286
103.0	21.866	61.632	120.785	164.131	176.469
103.5	22.527	62.128	120.510	162.754	174.596
104.0	23.243	62.568	120.235	161.488	172.889
104.5	23.959	63.064	120.069	160.276	171.292
105.0	24.620	63.560	119.904	159.174	169.749
105.5	25.226	64.000	119.739	158.018	168.427
106.0	25.942	64.551	119.684	157.026	167.106
106.5	26.603	65.047	119.684	156.090	165.784
107.0	27.263	65.597	119.684	155.209	164.682
107.5	27.869	66.038	119.684	154.548	163.526
108.0	28.640	66.589	119.684	153.777	162.369
108.5	29.356	67.140	119.739	153.226	161.598
109.0	30.072	67.580	119.849	152.510	160.827
109.5	30.843	68.076	119.904	152.014	160.001
110.0	31.615	68.572	120.014	151.464	159.340
110.5	32.386	69.067	120.124	150.968	158.734

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**CANDELA TABULATION - (Cont.)**

111.0	33.157	69.563	120.179	150.527	158.073
111.5	33.928	70.004	120.235	150.197	157.522
112.0	34.754	70.499	120.345	149.866	156.861
112.5	35.580	70.995	120.455	149.481	156.255
113.0	36.461	71.491	120.620	149.205	155.980
113.5	37.288	71.931	120.620	148.930	155.594
114.0	38.169	72.372	120.730	148.710	155.209
114.5	38.995	72.868	120.840	148.434	154.878
115.0	39.876	73.253	120.951	148.269	154.603
115.5	40.757	73.749	120.951	148.104	154.328
116.0	41.584	74.190	121.116	147.884	153.997
116.5	42.355	74.630	121.226	147.663	153.887
117.0	43.236	75.126	121.336	147.663	153.612
117.5	44.062	75.511	121.446	147.443	153.446
118.0	44.778	75.897	121.556	147.333	153.226
118.5	45.604	76.283	121.611	147.168	153.171
119.0	46.320	76.668	121.722	147.002	152.841
119.5	47.091	76.943	121.832	146.837	152.785
120.0	47.807	77.219	121.777	146.727	152.510
120.5	48.523	77.549	121.832	146.507	152.455
121.0	49.239	77.770	121.942	146.341	152.235
121.5	50.011	78.045	121.887	146.121	152.124
122.0	50.727	78.376	121.887	146.011	151.959
122.5	51.443	78.706	121.942	145.791	151.574
123.0	52.159	79.036	121.887	145.570	151.519
123.5	52.819	79.312	121.777	145.405	151.188
124.0	53.370	79.532	121.777	145.240	151.133
124.5	53.921	79.752	121.777	144.964	150.913
125.0	54.472	80.028	121.667	144.689	150.692
125.5	55.023	80.193	121.556	144.524	150.417
126.0	55.518	80.413	121.501	144.193	150.197
126.5	55.959	80.689	121.391	143.973	150.032
127.0	56.455	80.799	121.281	143.698	149.811
127.5	56.840	80.964	121.116	143.422	149.426
128.0	57.336	80.964	121.061	143.092	149.205
128.5	57.721	81.074	120.840	142.816	148.985
129.0	58.107	81.184	120.620	142.541	148.710
129.5	58.437	81.350	120.235	142.100	148.379
130.0	58.713	81.460	119.849	141.825	148.049
130.5	58.988	81.570	119.408	141.495	147.663
131.0	59.153	81.735	118.968	140.999	147.278
131.5	59.374	81.900	118.527	140.558	146.892
132.0	59.594	82.066	118.031	140.283	146.562
132.5	59.704	82.121	117.481	139.732	146.066
133.0	59.869	82.176	117.260	139.236	145.460
133.5	59.924	82.121	116.930	138.851	145.185
134.0	59.980	82.011	116.710	138.410	144.799
134.5	60.145	81.790	116.434	137.914	144.083
135.0	60.310	81.625	116.104	137.254	143.532
135.5	60.255	81.184	115.828	136.813	143.092
136.0	60.365	81.129	115.443	136.262	142.541
136.5	60.475	80.964	115.167	135.656	141.990
137.0	60.530	80.689	114.727	135.161	141.384
137.5	60.585	80.413	114.341	134.500	140.834
138.0	60.696	80.248	113.790	133.949	140.173
138.5	60.696	80.028	113.074	133.343	139.677

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

139.0	60.641	79.863	112.248	132.627	138.906
139.5	60.641	79.642	111.257	131.856	138.355
140.0	60.641	79.367	110.155	131.140	137.584
140.5	60.641	79.202	109.164	130.259	136.758
141.0	60.641	79.092	108.062	129.322	136.097
141.5	60.641	78.871	106.961	128.496	135.436
142.0	60.585	78.761	105.914	127.450	134.720
142.5	60.530	78.596	104.813	126.513	133.894
143.0	60.475	78.431	103.766	125.632	133.068
143.5	60.475	78.210	102.555	124.696	132.297
144.0	60.475	77.935	101.508	123.980	131.415
144.5	60.641	77.715	100.462	123.154	130.644
145.0	60.861	77.494	99.305	122.438	129.763
145.5	61.246	77.219	98.259	121.722	128.882
146.0	61.742	76.999	97.267	120.951	128.056
146.5	62.238	76.778	96.441	120.124	127.119
147.0	62.733	76.503	95.505	119.298	126.183
147.5	63.174	76.393	94.789	118.472	125.247
148.0	63.670	76.172	94.018	117.536	124.255
148.5	64.110	76.117	93.412	116.654	123.264
149.0	64.661	76.117	92.751	115.773	122.383
149.5	65.047	76.283	92.145	114.837	121.281
150.0	65.487	76.393	91.539	113.956	120.124
150.5	65.873	76.448	90.878	112.964	118.913
151.0	66.148	76.613	89.997	111.973	117.481
151.5	66.424	76.668	89.061	110.926	116.159
152.0	66.754	76.778	88.179	109.825	114.837
152.5	67.085	76.888	87.353	108.668	113.405
153.0	67.305	76.943	86.472	107.346	112.248
153.5	67.580	77.109	85.536	105.969	110.926
154.0	67.801	77.054	84.709	104.427	109.825
154.5	68.076	77.109	83.993	102.940	108.723
155.0	68.186	77.219	83.277	101.233	107.897
155.5	68.406	77.274	82.561	99.635	107.016
156.0	68.572	77.274	82.066	97.928	106.245
156.5	68.847	77.274	81.570	96.221	105.253
157.0	68.957	77.384	81.074	94.678	104.317
157.5	69.122	77.384	80.744	93.191	103.271
158.0	69.343	77.329	80.579	91.649	102.279
158.5	69.398	77.329	80.358	90.382	101.123
159.0	69.673	77.164	80.193	89.171	100.131
159.5	69.894	77.054	79.918	88.014	99.030
160.0	70.169	76.943	79.642	87.078	97.928
160.5	70.499	76.888	79.422	86.197	96.882
161.0	70.720	76.723	79.367	85.260	95.835
161.5	71.050	76.668	79.257	84.324	95.064
162.0	71.326	76.558	79.422	83.553	94.403
162.5	71.601	76.558	79.532	82.727	93.632
163.0	71.931	76.503	79.587	81.845	92.971
163.5	72.207	76.503	79.697	80.909	92.145
164.0	72.317	76.503	79.808	79.752	91.374
164.5	72.482	76.393	79.697	78.871	90.382
165.0	72.647	76.393	79.532	77.990	89.391
165.5	72.813	76.338	79.367	77.384	88.345
166.0	72.978	76.283	79.257	76.723	86.747
166.5	73.143	76.283	79.092	76.172	85.976

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

167.0	73.363	76.283	78.926	75.677	85.370
167.5	73.474	76.283	78.596	75.236	84.765
168.0	73.639	76.283	78.320	74.795	84.269
168.5	73.969	76.062	77.935	74.410	83.663
169.0	74.135	76.117	77.660	74.024	83.057
169.5	74.410	75.952	77.219	73.584	82.396
170.0	74.520	75.897	76.833	73.033	81.790
170.5	74.685	75.787	76.338	72.427	81.129
171.0	74.795	75.677	75.787	71.766	80.303
171.5	74.961	75.677	75.291	71.160	79.642
172.0	75.236	75.567	75.016	70.554	78.651
172.5	75.401	75.567	74.685	69.894	77.549
173.0	75.622	75.456	74.410	69.288	75.677
173.5	75.897	75.511	74.300	68.682	72.868
174.0	76.117	75.511	74.245	68.186	69.398
174.5	76.283	75.511	74.135	67.690	65.267
175.0	76.613	75.677	74.079	67.305	60.585
175.5	76.723	75.732	74.024	67.140	55.684
176.0	76.943	75.842	74.024	66.974	52.489
176.5	76.999	75.897	73.969	66.974	50.231
177.0	77.219	76.007	73.859	66.809	47.918
177.5	77.274	76.007	73.694	66.754	47.422
178.0	77.494	76.117	73.639	66.699	47.532
178.5	77.604	76.172	73.694	66.589	47.642
179.0	77.715	76.172	73.639	66.424	47.697
179.5	77.825	76.172	73.584	66.369	47.752
180.0	69.783	69.783	69.783	69.783	69.783



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

Zone	Lumens	%Lamp	%Fixt
0-20	630.57	N.A.	11.70
0-30	1321.26	N.A.	24.50
0-40	2122.42	N.A.	39.40
0-60	3591.91	N.A.	66.70
0-80	4474.88	N.A.	83.10
0-90	4696.95	N.A.	87.30
10-90	4532.56	N.A.	84.20
20-40	1491.85	N.A.	27.70
20-50	2280.79	N.A.	42.40
40-70	1992.95	N.A.	37.00
60-80	882.97	N.A.	16.40
70-80	359.51	N.A.	6.70
80-90	222.07	N.A.	4.10
90-110	259.37	N.A.	4.80
90-120	368.57	N.A.	6.80
90-130	469.06	N.A.	8.70
90-150	615.79	N.A.	11.40
90-180	685.94	N.A.	12.70
110-180	426.56	N.A.	7.90
0-180	5382.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	164.39
10-20	466.18
20-30	690.69
30-40	801.16
40-50	788.95
50-60	680.55
60-70	523.46
70-80	359.51
80-90	222.07
90-100	142.28
100-110	117.10
110-120	109.19
120-130	100.50
130-140	84.45
140-150	62.28
150-160	40.72
160-170	22.44
170-180	6.99

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 75W-3-L64-940-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-L64-940-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

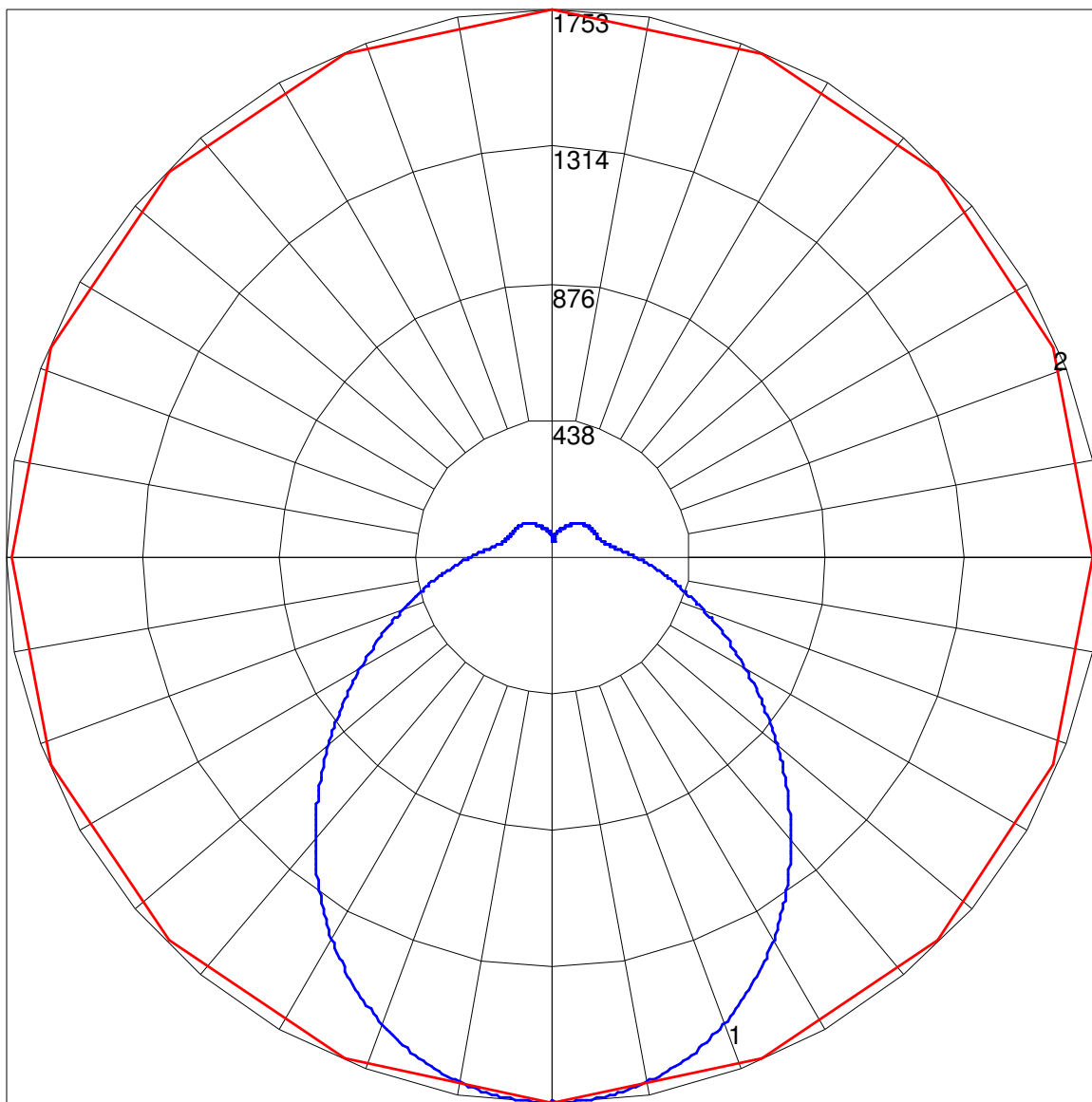
Reflectances

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	18.7	20.0	19.2	20.6	21.2	20.3	21.7	20.9	22.2	22.9
	3H	20.0	21.3	20.6	21.8	22.5	22.5	23.7	23.1	24.3	25.0
	4H	20.5	21.6	21.1	22.2	22.9	23.6	24.7	24.1	25.3	26.0
	6H	20.8	21.9	21.4	22.5	23.1	24.7	25.8	25.3	26.4	27.0
	8H	20.8	21.9	21.5	22.5	23.2	25.2	26.3	25.9	26.9	27.6
	12H	20.9	21.9	21.5	22.5	23.2	25.9	26.9	26.5	27.5	28.2
4H	2H	19.4	20.6	20.0	21.2	21.8	20.7	21.9	21.3	22.5	23.1
	3H	21.0	22.0	21.6	22.6	23.3	23.1	24.1	23.7	24.8	25.5
	4H	21.6	22.5	22.2	23.1	23.8	24.4	25.3	25.0	25.9	26.6
	6H	22.0	22.8	22.6	23.4	24.2	25.7	26.5	26.3	27.1	27.9
	8H	22.1	22.8	22.7	23.5	24.2	26.4	27.1	27.0	27.8	28.5
	12H	22.2	22.8	22.8	23.5	24.3	27.1	27.8	27.8	28.5	29.3
8H	4H	22.1	22.9	22.8	23.5	24.3	24.6	25.3	25.2	26.0	26.7
	6H	22.7	23.3	23.4	24.0	24.8	26.1	26.7	26.7	27.4	28.1
	8H	22.9	23.5	23.6	24.2	25.0	26.9	27.5	27.6	28.2	28.9
	12H	23.1	23.6	23.8	24.3	25.1	27.9	28.4	28.6	29.1	29.9
12H	4H	22.3	23.0	23.0	23.6	24.4	24.6	25.2	25.2	25.9	26.7
	6H	23.0	23.5	23.7	24.2	25.0	26.1	26.7	26.8	27.3	28.2
	8H	23.3	23.8	24.0	24.5	25.3	27.0	27.5	27.7	28.2	29.0

Maximum UGR = 29.9

POLAR GRAPH



Maximum Candela = 1752.571 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.)