

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-840-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-L64-840-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	6447
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	18626	16731	16638
55	16082	14302	14606
65	13454	12225	13017
75	10683	10643	12167
85	7532	10395	12855

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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	2086.476	2086.476	2086.476	2086.476	2086.476
0.5	2076.582	2084.497	2085.817	2085.157	2099.010
1.0	2076.582	2085.157	2085.157	2084.497	2098.350
1.5	2074.603	2085.157	2084.497	2083.838	2099.010
2.0	2073.943	2083.178	2084.497	2083.178	2097.031
2.5	2073.943	2083.178	2082.519	2082.519	2095.712
3.0	2071.964	2081.199	2081.199	2081.199	2094.392
3.5	2070.645	2079.220	2079.220	2079.880	2093.073
4.0	2069.326	2077.901	2077.901	2077.241	2091.754
4.5	2066.027	2075.922	2076.582	2075.922	2089.775
5.0	2064.048	2073.943	2073.943	2073.943	2087.796
5.5	2061.410	2071.304	2071.304	2071.964	2085.157
6.0	2060.090	2068.006	2068.666	2068.666	2082.519
6.5	2055.473	2065.368	2066.027	2066.027	2079.220
7.0	2052.834	2062.069	2062.729	2062.069	2076.582
7.5	2050.196	2058.111	2059.431	2059.431	2073.283
8.0	2046.897	2055.473	2055.473	2055.473	2068.666
8.5	2043.599	2050.855	2052.175	2052.175	2064.708
9.0	2038.322	2047.557	2048.217	2047.557	2060.090
9.5	2035.024	2042.939	2042.939	2042.939	2057.452
10.0	2029.746	2037.662	2037.662	2038.982	2052.175
10.5	2025.129	2033.045	2033.704	2033.704	2047.557
11.0	2020.511	2028.427	2029.087	2028.427	2042.280
11.5	2014.574	2023.150	2024.469	2023.150	2037.662
12.0	2009.297	2017.213	2018.532	2018.532	2031.725
12.5	2004.020	2011.276	2013.255	2011.936	2026.448
13.0	1998.083	2005.999	2007.318	2006.659	2020.511
13.5	1992.146	1999.402	2000.722	2000.722	2015.234
14.0	1984.890	1992.806	1994.125	1994.125	2007.978
14.5	1978.953	1986.209	1987.529	1987.529	2002.701
15.0	1973.016	1979.613	1980.273	1980.273	1994.785
15.5	1965.760	1971.697	1973.676	1973.676	1986.869
16.0	1957.844	1964.441	1966.420	1966.420	1980.273
16.5	1951.248	1956.525	1958.504	1959.164	1973.016
17.0	1942.013	1947.950	1950.588	1951.248	1965.101
17.5	1934.097	1940.034	1942.672	1943.332	1957.185
18.0	1926.841	1932.118	1934.097	1936.076	1949.929
18.5	1918.265	1924.202	1926.181	1927.501	1941.353
19.0	1909.690	1914.307	1917.606	1918.925	1932.118
19.5	1899.795	1906.392	1909.030	1911.669	1923.543
20.0	1889.241	1896.497	1899.795	1901.774	1914.307
20.5	1878.686	1887.921	1890.560	1893.199	1905.732
21.0	1870.111	1877.367	1879.346	1884.623	1896.497
21.5	1860.216	1867.472	1870.771	1873.409	1886.602
22.0	1849.662	1858.237	1861.535	1864.174	1878.027
22.5	1840.427	1846.363	1850.981	1854.939	1868.132
23.0	1829.213	1835.809	1840.427	1844.384	1857.577
23.5	1817.339	1824.595	1830.532	1834.490	1847.683
24.0	1805.465	1813.381	1819.318	1823.935	1837.128
24.5	1795.570	1802.167	1808.763	1812.721	1825.255
25.0	1784.356	1790.953	1798.209	1802.167	1814.700
25.5	1771.823	1779.739	1785.676	1791.612	1802.167
26.0	1759.949	1767.205	1775.121	1780.398	1792.272
26.5	1747.416	1754.672	1763.907	1768.525	1781.058

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27.0	1734.882	1741.479	1752.693	1758.630	1769.844
27.5	1720.370	1728.946	1740.160	1745.437	1758.630
28.0	1709.816	1716.412	1727.626	1733.563	1746.096
28.5	1695.963	1703.879	1715.093	1721.030	1733.563
29.0	1682.770	1690.686	1701.900	1709.156	1721.689
29.5	1668.917	1676.833	1688.707	1695.963	1708.496
30.0	1655.065	1663.640	1675.514	1684.749	1697.282
30.5	1640.552	1649.128	1662.980	1672.216	1684.089
31.0	1626.700	1635.275	1649.128	1659.023	1670.237
31.5	1612.187	1622.082	1635.935	1646.489	1658.363
32.0	1598.335	1606.910	1622.742	1632.636	1644.510
32.5	1583.163	1592.398	1608.889	1619.443	1631.317
33.0	1568.650	1578.545	1593.717	1606.250	1618.124
33.5	1554.798	1564.033	1580.524	1591.738	1604.271
34.0	1538.306	1548.861	1566.012	1578.545	1591.738
34.5	1523.134	1534.348	1552.159	1564.033	1577.226
35.0	1509.282	1518.517	1538.306	1550.840	1563.373
35.5	1491.471	1504.005	1523.134	1536.327	1548.861
36.0	1477.618	1488.173	1508.622	1521.815	1535.008
36.5	1460.468	1472.341	1493.450	1507.962	1521.815
37.0	1444.636	1457.169	1478.278	1492.790	1507.962
37.5	1428.145	1440.678	1463.766	1479.597	1492.790
38.0	1411.653	1424.846	1447.934	1464.425	1476.959
38.5	1394.502	1408.355	1432.762	1450.573	1462.446
39.0	1379.330	1391.864	1416.931	1435.401	1450.573
39.5	1362.180	1376.692	1401.759	1420.229	1434.741
40.0	1343.709	1359.541	1385.927	1406.376	1419.569
40.5	1326.558	1343.050	1370.755	1391.864	1405.057
41.0	1310.727	1326.558	1354.923	1376.692	1389.885
41.5	1293.576	1310.067	1339.092	1361.520	1375.373
42.0	1276.425	1293.576	1323.260	1347.008	1360.860
42.5	1259.934	1276.425	1306.769	1331.836	1345.688
43.0	1241.463	1259.934	1291.597	1317.323	1331.176
43.5	1225.632	1242.783	1275.106	1302.151	1316.664
44.0	1207.821	1225.632	1258.614	1287.639	1301.492
44.5	1191.330	1209.140	1242.123	1271.807	1286.320
45.0	1174.179	1191.990	1226.291	1257.955	1272.467
45.5	1157.028	1175.498	1210.460	1243.442	1257.955
46.0	1139.877	1158.347	1193.309	1227.611	1242.783
46.5	1122.726	1141.196	1178.797	1214.418	1228.270
47.0	1104.916	1124.705	1162.305	1198.586	1213.758
47.5	1087.765	1107.554	1145.814	1183.414	1198.586
48.0	1071.273	1090.403	1129.323	1169.561	1183.414
48.5	1052.803	1073.912	1114.151	1153.730	1168.902
49.0	1036.312	1056.101	1097.000	1138.558	1153.730
49.5	1019.161	1039.610	1081.168	1124.045	1139.217
50.0	1001.350	1022.459	1065.337	1108.214	1124.045
50.5	984.859	1005.968	1048.845	1095.021	1110.193
51.0	967.708	988.817	1034.333	1079.849	1095.680
51.5	951.217	971.666	1017.842	1065.337	1081.168
52.0	933.406	955.175	1002.010	1050.165	1066.656
52.5	916.255	938.024	986.838	1034.993	1052.803
53.0	898.445	921.533	971.006	1021.800	1037.631
53.5	881.294	905.041	955.834	1006.628	1023.779
54.0	864.803	888.550	940.662	992.115	1009.926
54.5	848.971	871.399	925.490	978.922	996.073

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55.0	832.480	855.567	910.319	963.750	983.540
55.5	818.627	839.076	895.147	949.898	968.368
56.0	802.795	824.564	880.634	936.045	954.515
56.5	786.304	809.392	865.462	922.192	941.322
57.0	770.472	794.220	850.950	908.340	927.469
57.5	753.981	778.388	838.417	895.147	912.297
58.0	737.490	762.557	823.904	880.634	901.083
58.5	721.658	746.725	809.392	868.101	887.890
59.0	705.827	730.893	795.539	856.887	874.038
59.5	689.995	715.721	783.006	843.034	863.483
60.0	674.163	699.890	769.153	829.841	850.290
60.5	658.662	684.718	755.301	817.308	837.097
61.0	643.094	669.546	741.448	804.774	824.564
61.5	627.658	654.506	727.595	792.241	812.690
62.0	612.486	639.598	714.402	780.367	800.157
62.5	597.512	624.822	700.549	768.494	788.283
63.0	582.340	610.111	687.356	755.960	777.729
63.5	567.300	595.599	674.823	744.086	765.855
64.0	552.656	581.285	661.630	731.553	753.981
64.5	538.077	567.300	649.097	719.679	742.107
65.0	523.631	553.249	636.497	707.806	730.893
65.5	509.383	539.529	624.030	695.932	719.020
66.0	494.936	525.808	611.694	684.058	707.806
66.5	480.820	512.417	599.425	672.844	696.592
67.0	467.033	499.158	587.221	660.970	685.377
67.5	453.180	486.097	575.282	649.888	674.163
68.0	439.526	473.366	563.408	638.674	663.609
68.5	426.069	460.700	551.798	627.790	652.593
69.0	412.678	448.167	540.320	616.840	642.170
69.5	399.485	435.897	528.974	606.219	631.814
70.0	386.358	423.826	517.826	595.797	621.523
70.5	373.560	411.886	506.678	585.374	611.365
71.0	360.895	400.078	495.728	575.084	601.338
71.5	348.362	388.534	485.041	565.057	591.443
72.0	336.092	376.925	474.355	555.096	581.812
72.5	323.757	365.711	463.933	545.334	572.247
73.0	311.751	354.562	453.576	535.703	562.616
73.5	300.075	343.546	443.549	526.138	553.249
74.0	288.531	332.860	433.391	516.903	543.816
74.5	277.185	322.108	423.694	507.733	534.911
75.0	265.905	311.619	414.063	498.762	526.270
75.5	254.823	301.395	404.564	489.857	517.496
76.0	244.071	291.368	395.329	481.018	508.921
76.5	233.385	281.473	386.160	472.376	500.345
77.0	222.830	271.644	377.123	463.801	492.034
77.5	212.474	262.079	368.217	455.489	483.788
78.0	202.249	252.712	359.576	447.309	475.674
78.5	192.222	243.477	351.000	439.064	467.627
79.0	182.394	234.506	342.689	431.082	459.711
79.5	172.631	225.601	334.509	423.298	451.795
80.0	163.000	216.827	326.329	415.580	444.275
80.5	153.633	208.318	318.414	407.796	436.623
81.0	144.530	199.940	310.828	400.276	429.169
81.5	135.294	191.761	303.242	392.822	421.715
82.0	126.389	183.779	295.854	385.632	414.525
82.5	117.682	175.929	288.597	378.442	407.466

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83.0	109.106	168.277	281.473	371.515	400.606
83.5	100.597	160.823	274.679	364.457	393.482
84.0	92.285	153.567	268.082	357.795	386.687
84.5	84.040	146.574	261.618	351.198	380.025
85.0	76.124	139.780	255.285	344.668	373.363
85.5	68.208	133.315	249.084	338.335	366.898
86.0	60.424	127.115	243.015	332.134	360.499
86.5	52.706	121.310	237.277	325.934	354.101
87.0	45.120	115.703	231.472	320.063	347.834
87.5	37.534	110.492	225.996	314.126	341.831
88.0	30.014	105.412	220.587	308.387	335.762
88.5	22.428	100.663	215.376	302.714	329.892
89.0	15.502	96.177	210.429	297.239	324.087
89.5	9.829	92.021	205.613	291.962	318.414
90.0	5.871	88.327	201.194	286.948	313.202
90.5	4.156	85.095	197.104	281.935	307.661
91.0	4.420	82.127	192.948	276.856	302.384
91.5	5.277	79.290	188.792	272.040	297.107
92.0	6.267	76.915	184.834	267.159	291.962
92.5	7.322	74.870	181.470	262.475	286.882
93.0	8.378	73.089	177.974	258.056	282.001
93.5	9.499	71.704	174.676	253.702	277.383
94.0	10.686	70.517	171.575	249.612	272.898
94.5	11.808	69.659	168.673	245.456	268.280
95.0	12.929	69.000	165.968	241.366	263.860
95.5	13.985	68.538	163.462	237.474	259.507
96.0	14.842	68.340	161.285	233.714	255.219
96.5	15.700	68.340	159.108	230.218	251.261
97.0	16.491	68.406	157.129	226.854	247.303
97.5	17.349	68.670	155.282	223.622	243.675
98.0	18.074	68.934	153.633	220.455	239.981
98.5	18.932	69.263	152.247	217.421	236.551
99.0	19.790	69.659	150.796	214.585	233.187
99.5	20.713	70.121	149.543	211.880	229.888
100.0	21.505	70.583	148.553	209.373	226.920
100.5	22.428	71.110	147.564	206.933	223.886
101.0	23.220	71.638	146.838	204.624	221.181
101.5	24.011	72.166	146.113	202.447	218.410
102.0	24.737	72.694	145.585	200.402	215.970
102.5	25.463	73.221	145.057	198.489	213.529
103.0	26.188	73.815	144.661	196.576	211.352
103.5	26.980	74.409	144.332	194.927	209.109
104.0	27.837	74.936	144.002	193.410	207.064
104.5	28.695	75.530	143.804	191.958	205.151
105.0	29.486	76.124	143.606	190.639	203.304
105.5	30.212	76.651	143.408	189.254	201.721
106.0	31.070	77.311	143.342	188.067	200.138
106.5	31.861	77.905	143.342	186.945	198.555
107.0	32.653	78.564	143.342	185.890	197.236
107.5	33.378	79.092	143.342	185.098	195.850
108.0	34.302	79.752	143.342	184.175	194.465
108.5	35.159	80.411	143.408	183.515	193.542
109.0	36.017	80.939	143.540	182.657	192.618
109.5	36.940	81.533	143.606	182.064	191.629
110.0	37.864	82.127	143.738	181.404	190.837
110.5	38.787	82.720	143.870	180.810	190.111

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CANDELA TABULATION - (Cont.)

111.0	39.711	83.314	143.936	180.283	189.320
111.5	40.635	83.842	144.002	179.887	188.660
112.0	41.624	84.435	144.134	179.491	187.869
112.5	42.613	85.029	144.266	179.029	187.143
113.0	43.669	85.623	144.464	178.699	186.813
113.5	44.658	86.150	144.464	178.370	186.351
114.0	45.714	86.678	144.596	178.106	185.890
114.5	46.703	87.272	144.727	177.776	185.494
115.0	47.759	87.734	144.859	177.578	185.164
115.5	48.814	88.327	144.859	177.380	184.834
116.0	49.804	88.855	145.057	177.116	184.438
116.5	50.727	89.383	145.189	176.852	184.307
117.0	51.783	89.976	145.321	176.852	183.977
117.5	52.772	90.438	145.453	176.589	183.779
118.0	53.630	90.900	145.585	176.457	183.515
118.5	54.619	91.362	145.651	176.259	183.449
119.0	55.477	91.823	145.783	176.061	183.053
119.5	56.400	92.153	145.915	175.863	182.987
120.0	57.258	92.483	145.849	175.731	182.657
120.5	58.115	92.879	145.915	175.467	182.591
121.0	58.973	93.143	146.047	175.269	182.328
121.5	59.896	93.473	145.981	175.005	182.196
122.0	60.754	93.868	145.981	174.874	181.998
122.5	61.611	94.264	146.047	174.610	181.536
123.0	62.469	94.660	145.981	174.346	181.470
123.5	63.261	94.990	145.849	174.148	181.074
124.0	63.920	95.254	145.849	173.950	181.008
124.5	64.580	95.517	145.849	173.620	180.744
125.0	65.239	95.847	145.717	173.290	180.481
125.5	65.899	96.045	145.585	173.092	180.151
126.0	66.493	96.309	145.519	172.697	179.887
126.5	67.021	96.639	145.387	172.433	179.689
127.0	67.614	96.771	145.255	172.103	179.425
127.5	68.076	96.969	145.057	171.773	178.963
128.0	68.670	96.969	144.991	171.377	178.699
128.5	69.131	97.101	144.727	171.048	178.436
129.0	69.593	97.233	144.464	170.718	178.106
129.5	69.989	97.430	144.002	170.190	177.710
130.0	70.319	97.562	143.540	169.860	177.314
130.5	70.649	97.694	143.012	169.464	176.852
131.0	70.847	97.892	142.485	168.871	176.391
131.5	71.110	98.090	141.957	168.343	175.929
132.0	71.374	98.288	141.363	168.013	175.533
132.5	71.506	98.354	140.704	167.353	174.939
133.0	71.704	98.420	140.440	166.760	174.214
133.5	71.770	98.354	140.044	166.298	173.884
134.0	71.836	98.222	139.780	165.770	173.422
134.5	72.034	97.958	139.450	165.177	172.565
135.0	72.232	97.760	139.054	164.385	171.905
135.5	72.166	97.233	138.725	163.857	171.377
136.0	72.298	97.167	138.263	163.198	170.718
136.5	72.430	96.969	137.933	162.472	170.058
137.0	72.496	96.639	137.405	161.878	169.332
137.5	72.562	96.309	136.944	161.087	168.673
138.0	72.694	96.111	136.284	160.427	167.881
138.5	72.694	95.847	135.426	159.702	167.288

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	72.628	95.649	134.437	158.844	166.364
139.5	72.628	95.386	133.250	157.920	165.704
140.0	72.628	95.056	131.930	157.063	164.781
140.5	72.628	94.858	130.743	156.007	163.791
141.0	72.628	94.726	129.424	154.886	163.000
141.5	72.628	94.462	128.104	153.897	162.208
142.0	72.562	94.330	126.851	152.643	161.351
142.5	72.496	94.132	125.532	151.522	160.361
143.0	72.430	93.934	124.278	150.466	159.372
143.5	72.430	93.670	122.827	149.345	158.448
144.0	72.430	93.341	121.574	148.487	157.393
144.5	72.628	93.077	120.320	147.498	156.469
145.0	72.891	92.813	118.935	146.640	155.414
145.5	73.353	92.483	117.682	145.783	154.358
146.0	73.947	92.219	116.494	144.859	153.369
146.5	74.541	91.955	115.505	143.870	152.247
147.0	75.134	91.626	114.384	142.880	151.126
147.5	75.662	91.494	113.526	141.891	150.005
148.0	76.256	91.230	112.602	140.770	148.817
148.5	76.783	91.164	111.877	139.714	147.630
149.0	77.443	91.164	111.085	138.659	146.574
149.5	77.905	91.362	110.360	137.537	145.255
150.0	78.433	91.494	109.634	136.482	143.870
150.5	78.894	91.560	108.842	135.294	142.419
151.0	79.224	91.757	107.787	134.107	140.704
151.5	79.554	91.823	106.666	132.854	139.120
152.0	79.950	91.955	105.610	131.534	137.537
152.5	80.346	92.087	104.621	130.149	135.822
153.0	80.609	92.153	103.565	128.566	134.437
153.5	80.939	92.351	102.444	126.917	132.854
154.0	81.203	92.285	101.454	125.070	131.534
154.5	81.533	92.351	100.597	123.289	130.215
155.0	81.665	92.483	99.739	121.244	129.226
155.5	81.929	92.549	98.882	119.331	128.170
156.0	82.127	92.549	98.288	117.286	127.247
156.5	82.456	92.549	97.694	115.241	126.059
157.0	82.588	92.681	97.101	113.394	124.938
157.5	82.786	92.681	96.705	111.613	123.685
158.0	83.050	92.615	96.507	109.766	122.497
158.5	83.116	92.615	96.243	108.249	121.112
159.0	83.446	92.417	96.045	106.798	119.925
159.5	83.710	92.285	95.715	105.412	118.605
160.0	84.040	92.153	95.386	104.291	117.286
160.5	84.435	92.087	95.122	103.235	116.033
161.0	84.699	91.889	95.056	102.114	114.779
161.5	85.095	91.823	94.924	100.993	113.856
162.0	85.425	91.692	95.122	100.069	113.064
162.5	85.755	91.692	95.254	99.080	112.141
163.0	86.150	91.626	95.320	98.024	111.349
163.5	86.480	91.626	95.452	96.903	110.360
164.0	86.612	91.626	95.583	95.517	109.436
164.5	86.810	91.494	95.452	94.462	108.249
165.0	87.008	91.494	95.254	93.407	107.061
165.5	87.206	91.428	95.056	92.681	105.808
166.0	87.404	91.362	94.924	91.889	103.895
166.5	87.602	91.362	94.726	91.230	102.972

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	87.866	91.362	94.528	90.636	102.246
167.5	87.997	91.362	94.132	90.108	101.520
168.0	88.195	91.362	93.802	89.581	100.927
168.5	88.591	91.098	93.341	89.119	100.201
169.0	88.789	91.164	93.011	88.657	99.475
169.5	89.119	90.966	92.483	88.129	98.684
170.0	89.251	90.900	92.021	87.470	97.958
170.5	89.449	90.768	91.428	86.744	97.167
171.0	89.581	90.636	90.768	85.953	96.177
171.5	89.779	90.636	90.174	85.227	95.386
172.0	90.108	90.504	89.844	84.501	94.198
172.5	90.306	90.504	89.449	83.710	92.879
173.0	90.570	90.372	89.119	82.984	90.636
173.5	90.900	90.438	88.987	82.258	87.272
174.0	91.164	90.438	88.921	81.665	83.116
174.5	91.362	90.438	88.789	81.071	78.169
175.0	91.757	90.636	88.723	80.609	72.562
175.5	91.889	90.702	88.657	80.411	66.691
176.0	92.153	90.834	88.657	80.214	62.865
176.5	92.219	90.900	88.591	80.214	60.160
177.0	92.483	91.032	88.459	80.016	57.390
177.5	92.549	91.032	88.261	79.950	56.796
178.0	92.813	91.164	88.195	79.884	56.928
178.5	92.945	91.230	88.261	79.752	57.060
179.0	93.077	91.230	88.195	79.554	57.126
179.5	93.209	91.230	88.129	79.488	57.192
180.0	83.578	83.578	83.578	83.578	83.578

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-840-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	755.22	N.A.	11.70
0-30	1582.44	N.A.	24.50
0-40	2541.96	N.A.	39.40
0-60	4301.94	N.A.	66.70
0-80	5359.45	N.A.	83.10
0-90	5625.42	N.A.	87.30
10-90	5428.53	N.A.	84.20
20-40	1786.75	N.A.	27.70
20-50	2731.65	N.A.	42.40
40-70	2386.91	N.A.	37.00
60-80	1057.51	N.A.	16.40
70-80	430.58	N.A.	6.70
80-90	265.96	N.A.	4.10
90-110	310.64	N.A.	4.80
90-120	441.42	N.A.	6.80
90-130	561.78	N.A.	8.70
90-150	737.52	N.A.	11.40
90-180	821.53	N.A.	12.70
110-180	510.89	N.A.	7.90
0-180	6446.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	196.89
10-20	558.33
20-30	827.22
30-40	959.53
40-50	944.90
50-60	815.08
60-70	626.93
70-80	430.58
80-90	265.96
90-100	170.40
100-110	140.24
110-120	130.78
120-130	120.36
130-140	101.14
140-150	74.59
150-160	48.77
160-170	26.87
170-180	8.37

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-840-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-L64-840-DIM-UNV_.IES

UGR TABLE - CORRECTED

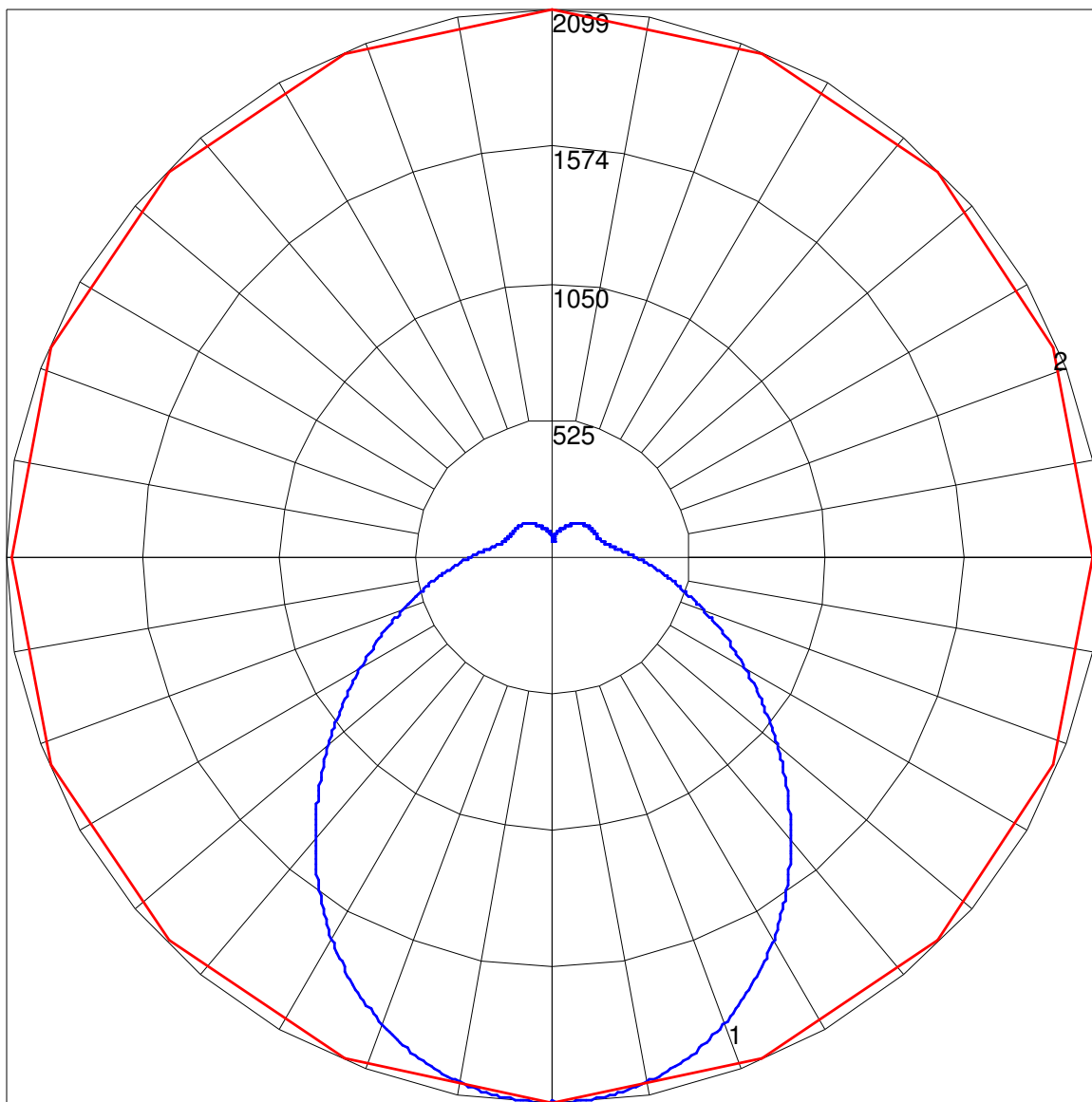
Reflectances

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	19.3	20.6	19.8	21.2	21.8	20.9	22.3	21.5	22.8	23.5
	3H	20.6	21.9	21.2	22.4	23.1	23.1	24.3	23.7	24.9	25.6
	4H	21.1	22.2	21.7	22.8	23.5	24.2	25.3	24.7	25.9	26.6
	6H	21.4	22.5	22.0	23.1	23.7	25.3	26.4	25.9	27.0	27.6
	8H	21.4	22.5	22.1	23.1	23.8	25.8	26.9	26.5	27.5	28.2
	12H	21.5	22.5	22.1	23.1	23.8	26.5	27.5	27.1	28.1	28.8
4H	2H	20.0	21.2	20.6	21.8	22.4	21.3	22.5	21.9	23.1	23.7
	3H	21.6	22.6	22.2	23.2	23.9	23.7	24.7	24.3	25.4	26.1
	4H	22.2	23.1	22.8	23.7	24.4	25.0	25.9	25.6	26.5	27.2
	6H	22.6	23.4	23.2	24.0	24.8	26.3	27.1	26.9	27.7	28.5
	8H	22.7	23.4	23.4	24.1	24.8	27.0	27.7	27.6	28.4	29.1
	12H	22.8	23.4	23.4	24.1	24.9	27.7	28.4	28.4	29.1	29.9
8H	4H	22.7	23.5	23.4	24.1	24.9	25.2	25.9	25.8	26.6	27.3
	6H	23.3	23.9	24.0	24.6	25.4	26.7	27.3	27.3	28.0	28.7
	8H	23.5	24.1	24.2	24.8	25.6	27.5	28.1	28.2	28.8	29.5
	12H	23.7	24.2	24.4	24.9	25.7	28.5	29.0	29.2	29.7	30.5
12H	4H	22.9	23.6	23.6	24.2	25.0	25.2	25.9	25.8	26.5	27.3
	6H	23.6	24.1	24.3	24.8	25.6	26.7	27.3	27.4	27.9	28.8
	8H	23.9	24.4	24.6	25.1	25.9	27.6	28.1	28.3	28.8	29.6

Maximum UGR = 30.5

POLAR GRAPH



Maximum Candela = 2099.01 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.)