

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-3-L64-827-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-L64-827-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	6071
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
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	17541	15756	15669
55	15145	13469	13755
65	12670	11512	12259
75	10060	10023	11458
85	7093	9790	12106

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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	1964.934	1964.934	1964.934	1964.934	1964.934
0.5	1955.616	1963.070	1964.313	1963.692	1976.737
1.0	1955.616	1963.692	1963.692	1963.070	1976.116
1.5	1953.752	1963.692	1963.070	1962.449	1976.737
2.0	1953.131	1961.828	1963.070	1961.828	1974.874
2.5	1953.131	1961.828	1961.207	1961.207	1973.631
3.0	1951.267	1959.964	1959.964	1959.964	1972.389
3.5	1950.025	1958.101	1958.101	1958.722	1971.146
4.0	1948.782	1956.858	1956.858	1956.237	1969.904
4.5	1945.676	1954.995	1955.616	1954.995	1968.040
5.0	1943.812	1953.131	1953.131	1953.131	1966.177
5.5	1941.328	1950.646	1950.646	1951.267	1963.692
6.0	1940.085	1947.540	1948.161	1948.161	1961.207
6.5	1935.737	1945.055	1945.676	1945.676	1958.101
7.0	1933.252	1941.949	1942.570	1941.949	1955.616
7.5	1930.767	1938.221	1939.464	1939.464	1952.510
8.0	1927.661	1935.737	1935.737	1935.737	1948.161
8.5	1924.554	1931.388	1932.630	1932.630	1944.434
9.0	1919.585	1928.282	1928.903	1928.282	1940.085
9.5	1916.479	1923.933	1923.933	1923.933	1937.600
10.0	1911.509	1918.963	1918.963	1920.206	1932.630
10.5	1907.160	1914.615	1915.236	1915.236	1928.282
11.0	1902.812	1910.266	1910.888	1910.266	1923.312
11.5	1897.221	1905.297	1906.539	1905.297	1918.963
12.0	1892.251	1899.706	1900.948	1900.948	1913.372
12.5	1887.281	1894.114	1895.978	1894.736	1908.403
13.0	1881.690	1889.145	1890.387	1889.766	1902.812
13.5	1876.099	1882.932	1884.175	1884.175	1897.842
14.0	1869.265	1876.720	1877.963	1877.963	1891.008
14.5	1863.674	1870.508	1871.750	1871.750	1886.039
15.0	1858.083	1864.296	1864.917	1864.917	1878.584
15.5	1851.250	1856.841	1858.705	1858.705	1871.129
16.0	1843.795	1850.008	1851.871	1851.871	1864.917
16.5	1837.583	1842.553	1844.416	1845.038	1858.083
17.0	1828.886	1834.477	1836.962	1837.583	1850.629
17.5	1821.431	1827.022	1829.507	1830.128	1843.174
18.0	1814.598	1819.567	1821.431	1823.295	1836.341
18.5	1806.522	1812.113	1813.976	1815.219	1828.265
19.0	1798.446	1802.794	1805.901	1807.143	1819.567
19.5	1789.127	1795.340	1797.825	1800.310	1811.492
20.0	1779.188	1786.021	1789.127	1790.991	1802.794
20.5	1769.248	1777.945	1780.430	1782.915	1794.719
21.0	1761.172	1768.006	1769.870	1774.839	1786.021
21.5	1751.854	1758.687	1761.794	1764.278	1776.703
22.0	1741.914	1749.990	1753.096	1755.581	1768.627
22.5	1733.217	1738.808	1743.157	1746.884	1759.309
23.0	1722.656	1728.869	1733.217	1736.945	1749.369
23.5	1711.474	1718.308	1723.899	1727.626	1740.051
24.0	1700.292	1707.747	1713.338	1717.687	1730.111
24.5	1690.974	1697.186	1703.398	1707.126	1718.929
25.0	1680.413	1686.625	1693.459	1697.186	1708.989
25.5	1668.610	1676.065	1681.656	1687.247	1697.186
26.0	1657.428	1664.261	1671.716	1676.686	1687.868
26.5	1645.625	1652.458	1661.155	1665.504	1677.307

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27.0	1633.821	1640.034	1650.594	1656.185	1666.746
27.5	1620.154	1628.230	1638.791	1643.761	1656.185
28.0	1610.215	1616.427	1626.988	1632.579	1644.382
28.5	1597.169	1604.624	1615.185	1620.776	1632.579
29.0	1584.745	1592.199	1602.760	1609.594	1621.397
29.5	1571.699	1579.153	1590.336	1597.169	1608.972
30.0	1558.653	1566.729	1577.911	1586.608	1598.411
30.5	1544.986	1553.062	1566.108	1574.805	1585.987
31.0	1531.940	1540.016	1553.062	1562.380	1572.941
31.5	1518.273	1527.592	1540.638	1550.577	1561.759
32.0	1505.228	1513.304	1528.213	1537.531	1548.713
32.5	1490.940	1499.637	1515.167	1525.107	1536.289
33.0	1477.273	1486.591	1500.879	1512.682	1523.864
33.5	1464.227	1472.924	1488.455	1499.015	1510.819
34.0	1448.696	1458.636	1474.788	1486.591	1499.015
34.5	1434.408	1444.969	1461.742	1472.924	1485.349
35.0	1421.362	1430.060	1448.696	1460.500	1472.303
35.5	1404.589	1416.393	1434.408	1446.833	1458.636
36.0	1391.544	1401.483	1420.741	1433.166	1445.590
36.5	1375.392	1386.574	1406.453	1420.120	1433.166
37.0	1360.482	1372.286	1392.165	1405.832	1420.120
37.5	1344.952	1356.755	1378.498	1393.407	1405.832
38.0	1329.421	1341.846	1363.588	1379.119	1390.922
38.5	1313.269	1326.315	1349.300	1366.073	1377.255
39.0	1298.981	1310.784	1334.391	1351.785	1366.073
39.5	1282.829	1296.496	1320.103	1337.497	1351.164
40.0	1265.435	1280.344	1305.193	1324.451	1336.876
40.5	1249.283	1264.814	1290.905	1310.784	1323.209
41.0	1234.374	1249.283	1275.996	1296.496	1308.921
41.5	1218.222	1233.752	1261.086	1282.208	1295.254
42.0	1202.070	1218.222	1246.177	1268.541	1281.587
42.5	1186.539	1202.070	1230.646	1254.253	1267.299
43.0	1169.145	1186.539	1216.358	1240.586	1253.632
43.5	1154.236	1170.388	1200.828	1226.298	1239.965
44.0	1137.463	1154.236	1185.297	1212.631	1225.677
44.5	1121.932	1138.705	1169.766	1197.721	1211.388
45.0	1105.780	1122.553	1154.857	1184.676	1198.343
45.5	1089.628	1107.023	1139.948	1171.009	1184.676
46.0	1073.476	1090.871	1123.796	1156.099	1170.388
46.5	1057.325	1074.719	1110.129	1143.675	1156.721
47.0	1040.552	1059.188	1094.598	1128.765	1143.054
47.5	1024.400	1043.036	1079.068	1114.477	1128.765
48.0	1008.869	1026.885	1063.537	1101.432	1114.477
48.5	991.475	1011.354	1049.249	1086.522	1100.810
49.0	975.944	994.581	1033.097	1072.234	1086.522
49.5	959.792	979.050	1018.187	1058.567	1072.855
50.0	943.019	962.898	1003.278	1043.658	1058.567
50.5	927.489	947.368	987.747	1031.233	1045.521
51.0	911.337	931.216	974.081	1016.945	1031.854
51.5	895.806	915.064	958.550	1003.278	1018.187
52.0	879.033	899.534	943.641	988.990	1004.521
52.5	862.881	883.382	929.352	974.702	991.475
53.0	846.108	867.851	914.443	962.277	977.187
53.5	829.956	852.320	900.155	947.989	964.141
54.0	814.426	836.790	885.867	934.322	951.095
54.5	799.516	820.638	871.578	921.898	938.049

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55.0	783.986	805.729	857.290	907.609	926.246
55.5	770.940	790.198	843.002	894.564	911.958
56.0	756.031	776.531	829.335	881.518	898.912
56.5	740.500	762.243	815.047	868.472	886.488
57.0	725.591	747.955	801.380	855.427	873.442
57.5	710.060	733.045	789.577	843.002	859.154
58.0	694.529	718.136	775.910	829.335	848.593
58.5	679.620	703.226	762.243	817.532	836.169
59.0	664.711	688.317	749.197	806.971	823.123
59.5	649.801	674.029	737.394	793.925	813.183
60.0	634.892	659.120	724.348	781.501	800.759
60.5	620.293	644.831	711.302	769.698	788.334
61.0	605.632	630.543	698.257	757.894	776.531
61.5	591.095	616.379	685.211	746.091	765.349
62.0	576.807	602.340	672.786	734.909	753.546
62.5	562.705	588.424	659.741	723.727	742.364
63.0	548.417	574.571	647.316	711.924	732.424
63.5	534.253	560.904	635.513	700.742	721.242
64.0	520.462	547.423	623.088	688.938	710.060
64.5	506.733	534.253	611.285	677.756	698.878
65.0	493.128	521.021	599.420	666.574	688.317
65.5	479.710	508.100	587.679	655.392	677.135
66.0	466.105	495.178	576.062	644.210	666.574
66.5	452.811	482.567	564.507	633.649	656.013
67.0	439.827	470.081	553.014	622.467	645.453
67.5	426.781	457.781	541.770	612.031	634.892
68.0	413.922	445.791	530.588	601.470	624.952
68.5	401.249	433.863	519.655	591.220	614.578
69.0	388.638	422.060	508.845	580.907	604.762
69.5	376.214	410.505	498.160	570.906	595.009
70.0	363.851	399.137	487.661	561.090	585.318
70.5	351.800	387.893	477.163	551.275	575.751
71.0	339.872	376.773	466.850	541.584	566.309
71.5	328.069	365.901	456.787	532.141	556.990
72.0	316.514	354.968	446.723	522.761	547.920
72.5	304.897	344.407	436.907	513.567	538.913
73.0	293.591	333.908	427.154	504.497	529.843
73.5	282.595	323.534	417.712	495.489	521.021
74.0	271.724	313.470	408.145	486.792	512.138
74.5	261.039	303.344	399.013	478.157	503.751
75.0	250.416	293.467	389.943	469.708	495.613
75.5	239.979	283.838	380.997	461.322	487.351
76.0	229.853	274.395	372.300	452.997	479.275
76.5	219.789	265.077	363.665	444.859	471.199
77.0	209.850	255.820	355.154	436.783	463.372
77.5	200.097	246.813	346.768	428.956	455.606
78.0	190.468	237.991	338.630	421.253	447.965
78.5	181.025	229.294	330.554	413.487	440.386
79.0	171.769	220.845	322.726	405.970	432.932
79.5	162.575	212.459	315.023	398.640	425.477
80.0	153.505	204.197	307.320	391.372	418.395
80.5	144.683	196.183	299.865	384.041	411.189
81.0	136.110	188.293	292.721	376.959	404.169
81.5	127.413	180.590	285.577	369.939	397.149
82.0	119.027	173.073	278.619	363.168	390.378
82.5	110.827	165.681	271.786	356.397	383.731

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83.0	102.751	158.474	265.077	349.874	377.270
83.5	94.737	151.455	258.678	343.227	370.561
84.0	86.909	144.621	252.466	336.952	364.162
84.5	79.144	138.036	246.378	330.740	357.888
85.0	71.689	131.638	240.414	324.590	351.613
85.5	64.235	125.550	234.574	318.626	345.525
86.0	56.904	119.710	228.859	312.787	339.499
86.5	49.636	114.243	223.455	306.947	333.473
87.0	42.492	108.963	217.988	301.418	327.572
87.5	35.348	104.055	212.832	295.827	321.919
88.0	28.266	99.272	207.738	290.423	316.203
88.5	21.122	94.799	202.830	285.080	310.675
89.0	14.599	90.575	198.171	279.924	305.208
89.5	9.256	86.661	193.636	274.954	299.865
90.0	5.529	83.182	189.474	270.233	294.958
90.5	3.914	80.138	185.622	265.511	289.739
91.0	4.162	77.342	181.708	260.728	284.769
91.5	4.970	74.671	177.795	256.193	279.800
92.0	5.902	72.435	174.067	251.596	274.954
92.5	6.896	70.509	170.899	247.185	270.171
93.0	7.890	68.832	167.606	243.023	265.574
93.5	8.946	67.527	164.500	238.923	261.225
94.0	10.064	66.409	161.581	235.071	257.001
94.5	11.120	65.601	158.847	231.158	252.652
95.0	12.176	64.980	156.300	227.306	248.490
95.5	13.170	64.545	153.940	223.641	244.390
96.0	13.978	64.359	151.889	220.100	240.352
96.5	14.785	64.359	149.839	216.807	236.625
97.0	15.531	64.421	147.976	213.639	232.897
97.5	16.338	64.670	146.236	210.595	229.480
98.0	17.022	64.918	144.683	207.613	226.002
98.5	17.829	65.229	143.379	204.756	222.771
99.0	18.637	65.601	142.012	202.084	219.603
99.5	19.506	66.036	140.832	199.537	216.497
100.0	20.252	66.471	139.900	197.177	213.701
100.5	21.122	66.968	138.968	194.878	210.844
101.0	21.867	67.465	138.285	192.704	208.297
101.5	22.613	67.962	137.601	190.654	205.688
102.0	23.296	68.459	137.104	188.728	203.389
102.5	23.979	68.956	136.607	186.927	201.090
103.0	24.663	69.515	136.235	185.125	199.040
103.5	25.408	70.074	135.924	183.572	196.928
104.0	26.216	70.571	135.613	182.143	195.002
104.5	27.023	71.130	135.427	180.776	193.201
105.0	27.769	71.689	135.241	179.534	191.461
105.5	28.452	72.186	135.054	178.229	189.971
106.0	29.260	72.808	134.992	177.111	188.480
106.5	30.005	73.367	134.992	176.055	186.989
107.0	30.751	73.988	134.992	175.061	185.746
107.5	31.434	74.485	134.992	174.316	184.442
108.0	32.304	75.106	134.992	173.446	183.137
108.5	33.111	75.727	135.054	172.825	182.267
109.0	33.919	76.224	135.179	172.017	181.398
109.5	34.789	76.783	135.241	171.458	180.466
110.0	35.658	77.342	135.365	170.837	179.720
110.5	36.528	77.902	135.489	170.278	179.037

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CANDELA TABULATION - (Cont.)

111.0	37.398	78.461	135.551	169.781	178.292
111.5	38.267	78.958	135.613	169.408	177.670
112.0	39.199	79.517	135.738	169.035	176.925
112.5	40.131	80.076	135.862	168.600	176.241
113.0	41.125	80.635	136.048	168.290	175.931
113.5	42.057	81.132	136.048	167.979	175.496
114.0	43.051	81.629	136.172	167.731	175.061
114.5	43.983	82.188	136.297	167.420	174.688
115.0	44.977	82.623	136.421	167.234	174.378
115.5	45.971	83.182	136.421	167.047	174.067
116.0	46.902	83.679	136.607	166.799	173.694
116.5	47.772	84.176	136.732	166.550	173.570
117.0	48.766	84.735	136.856	166.550	173.260
117.5	49.698	85.170	136.980	166.302	173.073
118.0	50.506	85.605	137.104	166.178	172.825
118.5	51.437	86.040	137.166	165.991	172.763
119.0	52.245	86.474	137.291	165.805	172.390
119.5	53.115	86.785	137.415	165.619	172.328
120.0	53.922	87.096	137.353	165.494	172.017
120.5	54.730	87.468	137.415	165.246	171.955
121.0	55.537	87.717	137.539	165.059	171.707
121.5	56.407	88.028	137.477	164.811	171.582
122.0	57.215	88.400	137.477	164.687	171.396
122.5	58.022	88.773	137.539	164.438	170.961
123.0	58.830	89.146	137.477	164.190	170.899
123.5	59.575	89.456	137.353	164.003	170.526
124.0	60.197	89.705	137.353	163.817	170.464
124.5	60.818	89.953	137.353	163.506	170.216
125.0	61.439	90.264	137.229	163.196	169.967
125.5	62.060	90.450	137.104	163.009	169.656
126.0	62.619	90.699	137.042	162.637	169.408
126.5	63.116	91.009	136.918	162.388	169.222
127.0	63.676	91.134	136.794	162.078	168.973
127.5	64.110	91.320	136.607	161.767	168.538
128.0	64.670	91.320	136.545	161.394	168.290
128.5	65.104	91.444	136.297	161.084	168.041
129.0	65.539	91.569	136.048	160.773	167.731
129.5	65.912	91.755	135.613	160.276	167.358
130.0	66.223	91.879	135.179	159.965	166.985
130.5	66.533	92.003	134.682	159.593	166.550
131.0	66.720	92.190	134.185	159.034	166.116
131.5	66.968	92.376	133.688	158.537	165.681
132.0	67.217	92.562	133.128	158.226	165.308
132.5	67.341	92.625	132.507	157.605	164.749
133.0	67.527	92.687	132.259	157.046	164.065
133.5	67.589	92.625	131.886	156.611	163.755
134.0	67.651	92.500	131.638	156.114	163.320
134.5	67.838	92.252	131.327	155.555	162.512
135.0	68.024	92.066	130.954	154.809	161.891
135.5	67.962	91.569	130.644	154.312	161.394
136.0	68.086	91.506	130.209	153.691	160.773
136.5	68.210	91.320	129.898	153.008	160.152
137.0	68.273	91.009	129.401	152.449	159.468
137.5	68.335	90.699	128.966	151.703	158.847
138.0	68.459	90.512	128.345	151.082	158.102
138.5	68.459	90.264	127.537	150.399	157.543

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

139.0	68.397	90.078	126.606	149.591	156.673
139.5	68.397	89.829	125.487	148.721	156.052
140.0	68.397	89.518	124.245	147.914	155.182
140.5	68.397	89.332	123.127	146.920	154.250
141.0	68.397	89.208	121.884	145.864	153.505
141.5	68.397	88.959	120.642	144.932	152.759
142.0	68.335	88.835	119.462	143.751	151.952
142.5	68.273	88.649	118.219	142.695	151.020
143.0	68.210	88.462	117.039	141.701	150.088
143.5	68.210	88.214	115.672	140.645	149.218
144.0	68.210	87.903	114.492	139.838	148.224
144.5	68.397	87.655	113.311	138.906	147.355
145.0	68.645	87.406	112.007	138.098	146.361
145.5	69.080	87.096	110.827	137.291	145.367
146.0	69.639	86.847	109.708	136.421	144.435
146.5	70.198	86.599	108.776	135.489	143.379
147.0	70.758	86.288	107.720	134.557	142.323
147.5	71.254	86.164	106.913	133.625	141.267
148.0	71.814	85.915	106.043	132.569	140.148
148.5	72.311	85.853	105.360	131.575	139.030
149.0	72.932	85.853	104.614	130.581	138.036
149.5	73.367	86.040	103.931	129.525	136.794
150.0	73.864	86.164	103.248	128.531	135.489
150.5	74.298	86.226	102.502	127.413	134.122
151.0	74.609	86.412	101.508	126.295	132.507
151.5	74.920	86.474	100.452	125.115	131.016
152.0	75.292	86.599	99.458	123.872	129.525
152.5	75.665	86.723	98.526	122.568	127.910
153.0	75.914	86.785	97.532	121.077	126.606
153.5	76.224	86.971	96.476	119.524	125.115
154.0	76.473	86.909	95.544	117.784	123.872
154.5	76.783	86.971	94.737	116.107	122.630
155.0	76.908	87.096	93.929	114.181	121.698
155.5	77.156	87.158	93.122	112.380	120.704
156.0	77.342	87.158	92.562	110.454	119.834
156.5	77.653	87.158	92.003	108.528	118.716
157.0	77.777	87.282	91.444	106.789	117.660
157.5	77.964	87.282	91.072	105.111	116.480
158.0	78.212	87.220	90.885	103.372	115.361
158.5	78.274	87.220	90.637	101.943	114.057
159.0	78.585	87.034	90.450	100.576	112.939
159.5	78.833	86.909	90.140	99.272	111.696
160.0	79.144	86.785	89.829	98.216	110.454
160.5	79.517	86.723	89.581	97.222	109.273
161.0	79.765	86.537	89.518	96.166	108.093
161.5	80.138	86.474	89.394	95.110	107.223
162.0	80.449	86.350	89.581	94.240	106.478
162.5	80.759	86.350	89.705	93.308	105.608
163.0	81.132	86.288	89.767	92.314	104.863
163.5	81.443	86.288	89.891	91.258	103.931
164.0	81.567	86.288	90.015	89.953	103.061
164.5	81.753	86.164	89.891	88.959	101.943
165.0	81.940	86.164	89.705	87.965	100.825
165.5	82.126	86.102	89.518	87.282	99.644
166.0	82.312	86.040	89.394	86.537	97.843
166.5	82.499	86.040	89.208	85.915	96.973

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	82.747	86.040	89.022	85.356	96.290
167.5	82.871	86.040	88.649	84.859	95.606
168.0	83.058	86.040	88.338	84.362	95.047
168.5	83.430	85.791	87.903	83.927	94.364
169.0	83.617	85.853	87.593	83.493	93.681
169.5	83.927	85.667	87.096	82.996	92.935
170.0	84.052	85.605	86.661	82.374	92.252
170.5	84.238	85.481	86.102	81.691	91.506
171.0	84.362	85.356	85.481	80.946	90.575
171.5	84.549	85.356	84.921	80.262	89.829
172.0	84.859	85.232	84.611	79.579	88.711
172.5	85.046	85.232	84.238	78.833	87.468
173.0	85.294	85.108	83.927	78.150	85.356
173.5	85.605	85.170	83.803	77.467	82.188
174.0	85.853	85.170	83.741	76.908	78.274
174.5	86.040	85.170	83.617	76.349	73.615
175.0	86.412	85.356	83.555	75.914	68.335
175.5	86.537	85.418	83.493	75.727	62.806
176.0	86.785	85.543	83.493	75.541	59.203
176.5	86.847	85.605	83.430	75.541	56.656
177.0	87.096	85.729	83.306	75.355	54.047
177.5	87.158	85.729	83.120	75.292	53.487
178.0	87.406	85.853	83.058	75.230	53.612
178.5	87.531	85.915	83.120	75.106	53.736
179.0	87.655	85.915	83.058	74.920	53.798
179.5	87.779	85.915	82.996	74.858	53.860
180.0	78.709	78.709	78.709	78.709	78.709

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-827-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	711.22	N.A.	11.70
0-30	1490.25	N.A.	24.50
0-40	2393.89	N.A.	39.40
0-60	4051.35	N.A.	66.70
0-80	5047.25	N.A.	83.10
0-90	5297.72	N.A.	87.30
10-90	5112.3	N.A.	84.20
20-40	1682.66	N.A.	27.70
20-50	2572.52	N.A.	42.40
40-70	2247.87	N.A.	37.00
60-80	995.91	N.A.	16.40
70-80	405.50	N.A.	6.70
80-90	250.47	N.A.	4.10
90-110	292.55	N.A.	4.80
90-120	415.71	N.A.	6.80
90-130	529.06	N.A.	8.70
90-150	694.56	N.A.	11.40
90-180	773.67	N.A.	12.70
110-180	481.12	N.A.	7.90
0-180	6071.4	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	185.42
10-20	525.81
20-30	779.03
30-40	903.63
40-50	889.86
50-60	767.60
60-70	590.41
70-80	405.50
80-90	250.47
90-100	160.48
100-110	132.07
110-120	123.16
120-130	113.35
130-140	95.25
140-150	70.25
150-160	45.93
160-170	25.31
170-180	7.88

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-3-L64-827-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-L64-827-DIM-UNV_.IES

UGR TABLE - CORRECTED

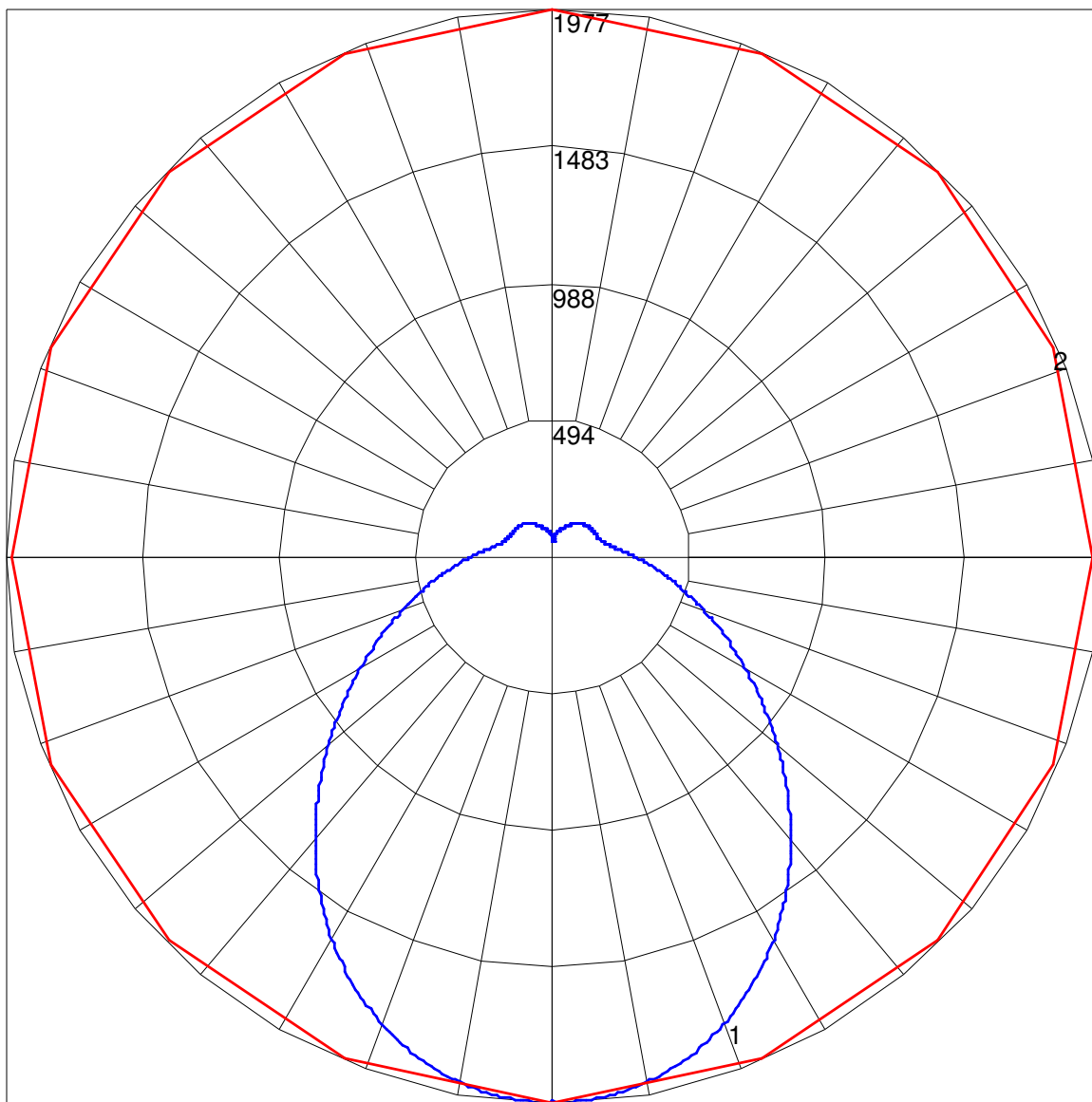
Reflectances

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	19.1	20.4	19.6	21.0	21.6	20.7	22.1	21.3	22.6	23.3
	3H	20.4	21.7	21.0	22.2	22.9	22.9	24.1	23.5	24.7	25.4
	4H	20.9	22.0	21.5	22.6	23.3	24.0	25.1	24.5	25.7	26.4
	6H	21.2	22.3	21.8	22.9	23.5	25.1	26.2	25.7	26.8	27.4
	8H	21.2	22.3	21.9	22.9	23.6	25.6	26.7	26.3	27.3	28.0
	12H	21.3	22.3	21.9	22.9	23.6	26.3	27.3	26.9	27.9	28.6
4H	2H	19.8	21.0	20.4	21.6	22.2	21.1	22.3	21.7	22.9	23.5
	3H	21.4	22.4	22.0	23.0	23.7	23.5	24.5	24.1	25.2	25.9
	4H	22.0	22.9	22.6	23.5	24.2	24.8	25.7	25.4	26.3	27.0
	6H	22.4	23.2	23.0	23.8	24.6	26.1	26.9	26.7	27.5	28.3
	8H	22.5	23.2	23.2	23.9	24.6	26.8	27.5	27.4	28.2	28.9
	12H	22.6	23.2	23.2	23.9	24.7	27.5	28.2	28.2	28.9	29.7
8H	4H	22.5	23.3	23.2	23.9	24.7	25.0	25.7	25.6	26.4	27.1
	6H	23.1	23.7	23.8	24.4	25.2	26.5	27.1	27.1	27.8	28.5
	8H	23.3	23.9	24.0	24.6	25.4	27.3	27.9	28.0	28.6	29.3
	12H	23.5	24.0	24.2	24.7	25.5	28.3	28.8	29.0	29.5	30.3
12H	4H	22.7	23.4	23.4	24.0	24.8	25.0	25.7	25.6	26.3	27.1
	6H	23.4	23.9	24.1	24.6	25.4	26.5	27.1	27.2	27.7	28.6
	8H	23.7	24.2	24.4	24.9	25.7	27.4	27.9	28.1	28.6	29.4

Maximum UGR = 30.3

POLAR GRAPH



Maximum Candela = 1976.737 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.)