

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 4792061012.01
[TESTLAB] UL, LLC
[ISSUE DATE] 2026-06-12
[TEST DATE] 12/12/2025
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] 75W-4-L85-835-(L70)-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	6674
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	151
Total Luminaire Watts	44.25
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)	3.71 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	14644	13117	12988
55	12681	11229	11402
65	10660	9618	10161
75	8549	8402	9498
85	6271	8265	10035

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2160.019	2160.019	2160.019	2160.019	2160.019
0.5	2149.775	2157.970	2159.336	2158.653	2172.994
1.0	2149.775	2158.653	2158.653	2157.970	2172.311
1.5	2147.727	2158.653	2157.970	2157.287	2172.994
2.0	2147.044	2156.604	2157.970	2156.604	2170.945
2.5	2147.044	2156.604	2155.921	2155.921	2169.579
3.0	2144.995	2154.556	2154.556	2154.556	2168.214
3.5	2143.629	2152.507	2152.507	2153.190	2166.848
4.0	2142.263	2151.141	2151.141	2150.458	2165.482
4.5	2138.849	2149.092	2149.775	2149.092	2163.433
5.0	2136.800	2147.044	2147.044	2147.044	2161.385
5.5	2134.068	2144.312	2144.312	2144.995	2158.653
6.0	2132.703	2140.898	2141.580	2141.580	2155.921
6.5	2127.922	2138.166	2138.849	2138.849	2152.507
7.0	2125.191	2134.751	2135.434	2134.751	2149.775
7.5	2122.459	2130.654	2132.020	2132.020	2146.361
8.0	2119.045	2127.922	2127.922	2127.922	2141.580
8.5	2115.630	2123.142	2124.508	2124.508	2137.483
9.0	2110.167	2119.728	2120.410	2119.728	2132.703
9.5	2106.752	2114.947	2114.947	2114.947	2129.971
10.0	2101.289	2109.484	2109.484	2110.850	2124.508
10.5	2096.509	2104.704	2105.387	2105.387	2119.728
11.0	2091.729	2099.923	2100.606	2099.923	2114.264
11.5	2085.582	2094.460	2095.826	2094.460	2109.484
12.0	2080.119	2088.314	2089.680	2089.680	2103.338
12.5	2074.656	2082.168	2084.217	2082.851	2097.875
13.0	2068.510	2076.705	2078.071	2077.388	2091.729
13.5	2062.364	2069.876	2071.242	2071.242	2086.265
14.0	2054.852	2063.047	2064.413	2064.413	2078.753
14.5	2048.706	2056.218	2057.583	2057.583	2073.290
15.0	2042.560	2049.389	2050.072	2050.072	2065.095
15.5	2035.048	2041.194	2043.243	2043.243	2056.901
16.0	2026.853	2033.682	2035.731	2035.731	2050.072
16.5	2020.024	2025.487	2027.536	2028.219	2042.560
17.0	2010.463	2016.609	2019.341	2020.024	2034.365
17.5	2002.268	2008.415	2011.146	2011.829	2026.170
18.0	1994.757	2000.220	2002.268	2004.317	2018.658
18.5	1985.879	1992.025	1994.074	1995.439	2009.780
19.0	1977.001	1981.781	1985.196	1986.562	2000.220
19.5	1966.758	1973.587	1976.318	1979.050	1991.342
20.0	1955.831	1963.343	1966.758	1968.806	1981.781
20.5	1944.905	1954.465	1957.197	1959.929	1972.904
21.0	1936.027	1943.539	1945.588	1951.051	1963.343
21.5	1925.783	1933.295	1936.710	1939.441	1953.099
22.0	1914.857	1923.735	1927.149	1929.881	1944.222
22.5	1905.296	1911.442	1916.223	1920.320	1933.978
23.0	1893.687	1900.516	1905.296	1909.394	1923.052
23.5	1881.395	1888.907	1895.053	1899.150	1912.808
24.0	1869.103	1877.297	1883.443	1888.224	1901.882
24.5	1858.859	1865.688	1872.517	1876.614	1889.590
25.0	1847.250	1854.079	1861.591	1865.688	1878.663
25.5	1834.275	1842.469	1848.615	1854.762	1865.688
26.0	1821.982	1829.494	1837.689	1843.152	1855.445
26.5	1809.007	1816.519	1826.080	1830.860	1843.835

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1796.032	1802.861	1814.470	1820.617	1832.226
27.5	1781.008	1789.886	1801.495	1806.958	1820.617
28.0	1770.082	1776.911	1788.520	1794.666	1807.641
28.5	1755.741	1763.936	1775.545	1781.691	1794.666
29.0	1742.083	1750.278	1761.887	1769.399	1782.374
29.5	1727.742	1735.937	1748.229	1755.741	1768.716
30.0	1713.401	1722.279	1734.571	1744.132	1757.107
30.5	1698.377	1707.255	1721.596	1731.156	1743.449
31.0	1684.036	1692.914	1707.255	1717.498	1729.108
31.5	1669.012	1679.256	1693.597	1704.523	1716.815
32.0	1654.671	1663.549	1679.939	1690.182	1702.474
32.5	1638.965	1648.525	1665.598	1676.524	1688.816
33.0	1623.941	1634.184	1649.891	1662.866	1675.158
33.5	1609.600	1619.160	1636.233	1647.842	1660.817
34.0	1592.527	1603.454	1621.209	1634.184	1647.842
34.5	1576.821	1588.430	1606.868	1619.160	1632.818
35.0	1562.480	1572.040	1592.527	1605.502	1618.478
35.5	1544.041	1557.016	1576.821	1590.479	1603.454
36.0	1529.700	1540.627	1561.797	1575.455	1589.113
36.5	1511.945	1524.237	1546.090	1561.114	1575.455
37.0	1495.555	1508.530	1530.383	1545.407	1561.114
37.5	1478.483	1491.458	1515.359	1531.749	1545.407
38.0	1461.410	1475.068	1498.970	1516.042	1529.017
38.5	1443.655	1457.996	1483.263	1501.701	1513.994
39.0	1427.948	1440.923	1466.873	1485.995	1501.701
39.5	1410.192	1425.216	1451.167	1470.288	1485.312
40.0	1391.071	1407.461	1434.777	1455.947	1469.605
40.5	1373.316	1390.388	1419.070	1440.923	1454.581
41.0	1356.926	1373.316	1402.681	1425.216	1438.874
41.5	1339.171	1356.243	1386.291	1409.510	1423.851
42.0	1321.415	1339.171	1369.901	1394.486	1408.827
42.5	1304.343	1321.415	1352.829	1378.779	1393.120
43.0	1285.221	1304.343	1337.122	1363.755	1378.096
43.5	1268.832	1286.587	1320.049	1348.048	1363.072
44.0	1250.393	1268.832	1302.977	1333.025	1347.365
44.5	1233.321	1251.759	1285.904	1316.635	1331.659
45.0	1215.565	1234.004	1269.515	1302.294	1317.318
45.5	1197.810	1216.931	1253.125	1287.270	1302.294
46.0	1180.055	1199.176	1235.370	1270.880	1286.587
46.5	1162.299	1181.420	1220.346	1257.222	1271.563
47.0	1143.861	1164.348	1203.273	1240.833	1256.540
47.5	1126.105	1146.592	1186.201	1225.126	1240.833
48.0	1109.033	1128.837	1169.128	1210.785	1225.126
48.5	1089.911	1111.764	1153.421	1194.395	1210.102
49.0	1072.839	1093.326	1135.666	1178.689	1194.395
49.5	1055.083	1076.253	1119.276	1163.665	1179.372
50.0	1036.645	1058.498	1102.887	1147.275	1163.665
50.5	1019.573	1041.425	1085.814	1133.617	1149.324
51.0	1001.817	1023.670	1070.790	1117.910	1134.300
51.5	984.745	1005.915	1053.718	1102.887	1119.276
52.0	966.306	988.842	1037.328	1087.180	1104.252
52.5	948.551	971.087	1021.621	1071.473	1089.911
53.0	930.112	954.014	1005.232	1057.815	1074.205
53.5	912.357	936.941	989.525	1042.108	1059.864
54.0	895.284	919.869	973.818	1027.084	1045.523
54.5	878.895	902.113	958.111	1013.426	1031.182

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	861.822	885.724	942.405	997.720	1018.207
55.5	847.481	868.651	926.698	983.379	1002.500
56.0	831.092	853.627	911.674	969.038	988.159
56.5	814.019	837.921	895.967	954.697	974.501
57.0	797.629	822.214	880.943	940.356	960.160
57.5	780.557	805.824	867.968	926.698	944.453
58.0	763.484	789.435	852.944	911.674	932.844
58.5	747.095	773.045	837.921	898.699	919.186
59.0	730.705	756.655	823.580	887.090	904.845
59.5	714.315	740.949	810.605	872.749	893.919
60.0	697.926	724.559	796.264	859.091	880.261
60.5	681.878	708.852	781.923	846.115	866.603
61.0	665.761	693.145	767.582	833.140	853.627
61.5	649.781	677.575	753.241	820.165	841.335
62.0	634.074	662.142	739.583	807.873	828.360
62.5	618.573	646.845	725.242	795.581	816.068
63.0	602.866	631.616	711.584	782.606	805.141
63.5	587.296	616.592	698.609	770.313	792.849
64.0	572.135	601.773	684.951	757.338	780.557
64.5	557.043	587.296	671.975	745.046	768.265
65.0	542.088	572.750	658.932	732.754	756.655
65.5	527.337	558.545	646.025	720.462	744.363
66.0	512.381	544.341	633.255	708.169	732.754
66.5	497.767	530.478	620.553	696.560	721.144
67.0	483.495	516.752	607.919	684.268	709.535
67.5	469.154	503.230	595.559	672.795	697.926
68.0	455.018	490.050	583.267	661.186	686.999
68.5	441.086	476.939	571.247	649.918	675.595
69.0	427.223	463.964	559.365	638.582	664.805
69.5	413.565	451.262	547.619	627.587	654.083
70.0	399.976	438.764	536.078	616.797	643.430
70.5	386.727	426.404	524.537	606.007	632.913
71.0	373.616	414.180	513.201	595.354	622.533
71.5	360.641	402.229	502.138	584.974	612.290
72.0	347.939	390.210	491.075	574.662	602.319
72.5	335.168	378.601	480.285	564.555	592.417
73.0	322.739	367.060	469.563	554.585	582.447
73.5	310.652	355.655	459.183	544.683	572.750
74.0	298.701	344.592	448.667	535.122	562.984
74.5	286.955	333.461	438.628	525.630	553.765
75.0	275.278	322.603	428.658	516.342	544.819
75.5	263.805	312.018	418.824	507.123	535.737
76.0	252.674	301.638	409.263	497.972	526.859
76.5	241.611	291.394	399.771	489.026	517.981
77.0	230.684	281.219	390.415	480.148	509.377
77.5	219.963	271.317	381.196	471.544	500.840
78.0	209.378	261.620	372.250	463.076	492.441
78.5	198.998	252.059	363.372	454.540	484.109
79.0	188.822	242.772	354.768	446.276	475.914
79.5	178.715	233.552	346.300	438.218	467.720
80.0	168.745	224.470	337.832	430.228	459.934
80.5	159.048	215.660	329.637	422.170	452.013
81.0	149.624	206.988	321.783	414.385	444.296
81.5	140.063	198.520	313.930	406.668	436.579
82.0	130.844	190.256	306.282	399.224	429.136
82.5	121.830	182.130	298.770	391.781	421.829

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	112.952	174.208	291.394	384.610	414.726
83.5	104.143	166.491	284.360	377.303	407.351
84.0	95.538	158.980	277.531	370.406	400.317
84.5	87.002	151.741	270.839	363.577	393.420
85.0	78.807	144.707	264.283	356.816	386.522
85.5	70.612	138.014	257.864	350.260	379.830
86.0	62.554	131.595	251.581	343.841	373.206
86.5	54.564	125.586	245.640	337.422	366.582
87.0	46.710	119.781	239.630	331.344	360.094
87.5	38.857	114.386	233.962	325.198	353.880
88.0	31.072	109.128	228.362	319.257	347.597
88.5	23.219	104.211	222.967	313.384	341.519
89.0	16.048	99.567	217.846	307.716	335.510
89.5	10.175	95.265	212.861	302.252	329.637
90.0	6.078	91.441	208.285	297.062	324.242
90.5	4.302	88.094	204.051	291.872	318.505
91.0	4.575	85.021	199.749	286.614	313.042
91.5	5.463	82.085	195.447	281.629	307.579
92.0	6.488	79.626	191.349	276.575	302.252
92.5	7.580	77.509	187.866	271.727	296.994
93.0	8.673	75.666	184.247	267.151	291.941
93.5	9.834	74.231	180.832	262.644	287.160
94.0	11.063	73.002	177.623	258.410	282.517
94.5	12.224	72.114	174.618	254.108	277.736
95.0	13.385	71.432	171.818	249.874	273.161
95.5	14.478	70.954	169.223	245.845	268.654
96.0	15.365	70.749	166.970	241.952	264.215
96.5	16.253	70.749	164.716	238.333	260.117
97.0	17.073	70.817	162.667	234.850	256.020
97.5	17.960	71.090	160.755	231.504	252.264
98.0	18.712	71.363	159.048	228.226	248.440
98.5	19.599	71.705	157.614	225.084	244.889
99.0	20.487	72.114	156.111	222.148	241.406
99.5	21.443	72.592	154.814	219.348	237.991
100.0	22.263	73.071	153.790	216.753	234.918
100.5	23.219	73.617	152.765	214.226	231.777
101.0	24.038	74.163	152.014	211.836	228.977
101.5	24.858	74.709	151.263	209.583	226.109
102.0	25.609	75.256	150.716	207.466	223.582
102.5	26.360	75.802	150.170	205.485	221.055
103.0	27.111	76.417	149.760	203.505	218.802
103.5	27.931	77.031	149.419	201.798	216.480
104.0	28.818	77.578	149.077	200.227	214.363
104.5	29.706	78.192	148.873	198.724	212.382
105.0	30.526	78.807	148.668	197.359	210.470
105.5	31.277	79.353	148.463	195.925	208.831
106.0	32.165	80.036	148.395	194.695	207.192
106.5	32.984	80.651	148.395	193.534	205.553
107.0	33.804	81.334	148.395	192.442	204.188
107.5	34.555	81.880	148.395	191.622	202.754
108.0	35.511	82.563	148.395	190.666	201.319
108.5	36.399	83.246	148.463	189.983	200.363
109.0	37.286	83.792	148.599	189.096	199.407
109.5	38.243	84.407	148.668	188.481	198.383
110.0	39.199	85.021	148.804	187.798	197.564
110.5	40.155	85.636	148.941	187.183	196.812

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	41.111	86.251	149.009	186.637	195.993
111.5	42.067	86.797	149.077	186.227	195.310
112.0	43.091	87.411	149.214	185.818	194.490
112.5	44.115	88.026	149.351	185.340	193.739
113.0	45.208	88.641	149.556	184.998	193.398
113.5	46.232	89.187	149.556	184.657	192.920
114.0	47.325	89.733	149.692	184.384	192.442
114.5	48.349	90.348	149.829	184.042	192.032
115.0	49.442	90.826	149.965	183.837	191.691
115.5	50.535	91.441	149.965	183.632	191.349
116.0	51.559	91.987	150.170	183.359	190.939
116.5	52.515	92.533	150.307	183.086	190.803
117.0	53.608	93.148	150.443	183.086	190.461
117.5	54.632	93.626	150.580	182.813	190.256
118.0	55.520	94.104	150.716	182.676	189.983
118.5	56.544	94.582	150.785	182.471	189.915
119.0	57.432	95.060	150.921	182.267	189.505
119.5	58.388	95.401	151.058	182.062	189.437
120.0	59.276	95.743	150.990	181.925	189.096
120.5	60.164	96.153	151.058	181.652	189.027
121.0	61.051	96.426	151.194	181.447	188.754
121.5	62.007	96.767	151.126	181.174	188.618
122.0	62.895	97.177	151.126	181.037	188.413
122.5	63.783	97.587	151.194	180.764	187.935
123.0	64.671	97.996	151.126	180.491	187.866
123.5	65.490	98.338	150.990	180.286	187.457
124.0	66.173	98.611	150.990	180.081	187.388
124.5	66.856	98.884	150.990	179.740	187.115
125.0	67.539	99.226	150.853	179.398	186.842
125.5	68.222	99.431	150.716	179.193	186.501
126.0	68.837	99.704	150.648	178.784	186.227
126.5	69.383	100.045	150.512	178.511	186.022
127.0	69.997	100.182	150.375	178.169	185.749
127.5	70.475	100.387	150.170	177.828	185.271
128.0	71.090	100.387	150.102	177.418	184.998
128.5	71.568	100.523	149.829	177.076	184.725
129.0	72.046	100.660	149.556	176.735	184.384
129.5	72.456	100.865	149.077	176.189	183.974
130.0	72.797	101.001	148.599	175.847	183.564
130.5	73.139	101.138	148.053	175.438	183.086
131.0	73.344	101.343	147.507	174.823	182.608
131.5	73.617	101.548	146.960	174.277	182.130
132.0	73.890	101.752	146.346	173.935	181.720
132.5	74.027	101.821	145.663	173.252	181.106
133.0	74.231	101.889	145.390	172.638	180.354
133.5	74.300	101.821	144.980	172.160	180.013
134.0	74.368	101.684	144.707	171.613	179.535
134.5	74.573	101.411	144.365	170.999	178.647
135.0	74.778	101.206	143.956	170.179	177.964
135.5	74.709	100.660	143.614	169.633	177.418
136.0	74.846	100.591	143.136	168.950	176.735
136.5	74.983	100.387	142.795	168.199	176.052
137.0	75.051	100.045	142.248	167.584	175.301
137.5	75.119	99.704	141.770	166.765	174.618
138.0	75.256	99.499	141.088	166.082	173.799
138.5	75.256	99.226	140.200	165.331	173.184

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	75.188	99.021	139.175	164.443	172.228
139.5	75.188	98.748	137.946	163.487	171.545
140.0	75.188	98.406	136.580	162.599	170.589
140.5	75.188	98.201	135.351	161.506	169.565
141.0	75.188	98.065	133.985	160.345	168.745
141.5	75.188	97.792	132.620	159.321	167.926
142.0	75.119	97.655	131.322	158.024	167.038
142.5	75.051	97.450	129.956	156.863	166.013
143.0	74.983	97.245	128.659	155.770	164.989
143.5	74.983	96.972	127.156	154.609	164.033
144.0	74.983	96.631	125.859	153.721	162.940
144.5	75.188	96.357	124.561	152.697	161.984
145.0	75.461	96.084	123.127	151.809	160.892
145.5	75.939	95.743	121.830	150.921	159.799
146.0	76.553	95.470	120.600	149.965	158.775
146.5	77.168	95.197	119.576	148.941	157.614
147.0	77.783	94.855	118.415	147.917	156.453
147.5	78.329	94.718	117.527	146.892	155.292
148.0	78.943	94.445	116.571	145.731	154.063
148.5	79.490	94.377	115.820	144.639	152.833
149.0	80.173	94.377	115.001	143.546	151.741
149.5	80.651	94.582	114.249	142.385	150.375
150.0	81.197	94.718	113.498	141.292	148.941
150.5	81.675	94.787	112.679	140.063	147.439
151.0	82.017	94.992	111.586	138.834	145.663
151.5	82.358	95.060	110.425	137.536	144.024
152.0	82.768	95.197	109.333	136.171	142.385
152.5	83.177	95.333	108.308	134.737	140.610
153.0	83.451	95.401	107.216	133.098	139.175
153.5	83.792	95.606	106.055	131.390	137.536
154.0	84.065	95.538	105.030	129.478	136.171
154.5	84.407	95.606	104.143	127.634	134.805
155.0	84.543	95.743	103.255	125.517	133.780
155.5	84.816	95.811	102.367	123.537	132.688
156.0	85.021	95.811	101.752	121.420	131.732
156.5	85.363	95.811	101.138	119.303	130.503
157.0	85.499	95.948	100.523	117.391	129.342
157.5	85.704	95.948	100.113	115.547	128.044
158.0	85.977	95.879	99.909	113.635	126.815
158.5	86.046	95.879	99.635	112.064	125.381
159.0	86.387	95.675	99.431	110.562	124.152
159.5	86.660	95.538	99.089	109.128	122.786
160.0	87.002	95.401	98.748	107.967	121.420
160.5	87.411	95.333	98.474	106.874	120.122
161.0	87.685	95.128	98.406	105.713	118.825
161.5	88.094	95.060	98.270	104.552	117.869
162.0	88.436	94.923	98.474	103.596	117.049
162.5	88.777	94.923	98.611	102.572	116.093
163.0	89.187	94.855	98.679	101.479	115.274
163.5	89.528	94.855	98.816	100.318	114.249
164.0	89.665	94.855	98.952	98.884	113.293
164.5	89.870	94.718	98.816	97.792	112.064
165.0	90.075	94.718	98.611	96.699	110.835
165.5	90.280	94.650	98.406	95.948	109.537
166.0	90.485	94.582	98.270	95.128	107.557
166.5	90.689	94.582	98.065	94.445	106.601

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	90.963	94.582	97.860	93.831	105.850
167.5	91.099	94.582	97.450	93.284	105.099
168.0	91.304	94.582	97.109	92.738	104.484
168.5	91.714	94.309	96.631	92.260	103.733
169.0	91.919	94.377	96.289	91.782	102.982
169.5	92.260	94.172	95.743	91.236	102.162
170.0	92.397	94.104	95.265	90.553	101.411
170.5	92.602	93.967	94.650	89.802	100.591
171.0	92.738	93.831	93.967	88.982	99.567
171.5	92.943	93.831	93.353	88.231	98.748
172.0	93.284	93.694	93.011	87.480	97.518
172.5	93.489	93.694	92.602	86.660	96.153
173.0	93.762	93.558	92.260	85.909	93.831
173.5	94.104	93.626	92.123	85.158	90.348
174.0	94.377	93.626	92.055	84.543	86.046
174.5	94.582	93.626	91.919	83.929	80.924
175.0	94.992	93.831	91.850	83.451	75.119
175.5	95.128	93.899	91.782	83.246	69.041
176.0	95.401	94.036	91.782	83.041	65.081
176.5	95.470	94.104	91.714	83.041	62.281
177.0	95.743	94.240	91.577	82.836	59.412
177.5	95.811	94.240	91.372	82.768	58.798
178.0	96.084	94.377	91.304	82.699	58.934
178.5	96.221	94.445	91.372	82.563	59.071
179.0	96.357	94.445	91.304	82.358	59.139
179.5	96.494	94.445	91.236	82.290	59.208
180.0	86.524	86.524	86.524	86.524	86.524

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	781.84	N.A.	11.70
0-30	1638.21	N.A.	24.50
0-40	2631.56	N.A.	39.40
0-60	4453.58	N.A.	66.70
0-80	5548.36	N.A.	83.10
0-90	5823.7	N.A.	87.30
10-90	5619.87	N.A.	84.20
20-40	1849.72	N.A.	27.70
20-50	2827.93	N.A.	42.40
40-70	2471.04	N.A.	37.00
60-80	1094.78	N.A.	16.40
70-80	445.76	N.A.	6.70
80-90	275.34	N.A.	4.10
90-110	321.59	N.A.	4.80
90-120	456.98	N.A.	6.80
90-130	581.59	N.A.	8.70
90-150	763.51	N.A.	11.40
90-180	850.49	N.A.	12.70
110-180	528.89	N.A.	7.90
0-180	6674.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	203.83
10-20	578.01
20-30	856.38
30-40	993.35
40-50	978.20
50-60	843.81
60-70	649.03
70-80	445.76
80-90	275.34
90-100	176.41
100-110	145.19
110-120	135.39
120-130	124.60
130-140	104.71
140-150	77.22
150-160	50.49
160-170	27.82
170-180	8.67

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-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

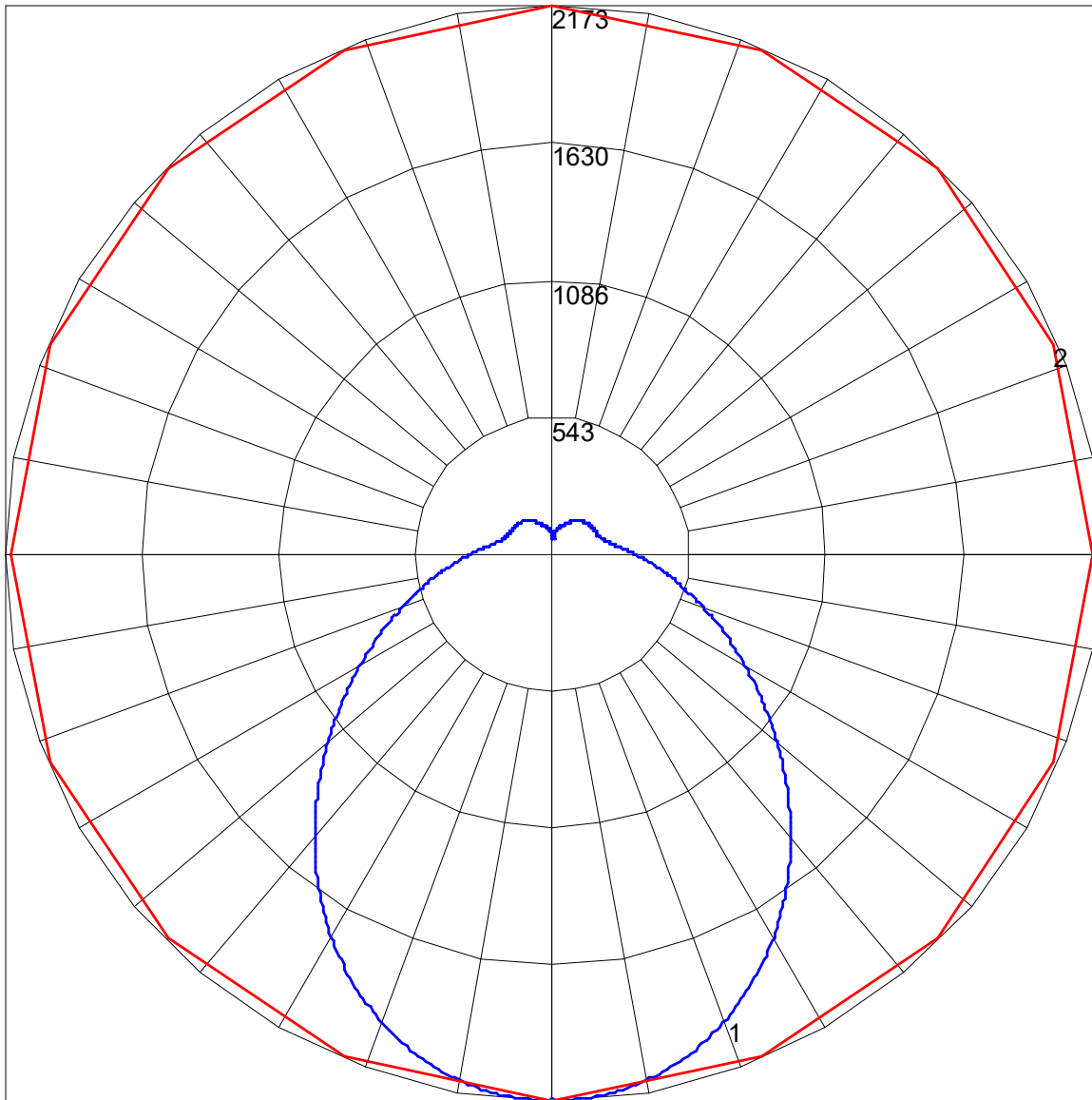
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 75W-4-L85-835-(L70)-DIM-UNV_.IES

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	19.8	19.0	20.3	20.9	20.1	21.4	20.6	22.0	22.6
	3H	19.8	21.0	20.3	21.6	22.2	22.3	23.5	22.8	24.1	24.7
	4H	20.2	21.4	20.8	22.0	22.6	23.3	24.5	23.9	25.1	25.8
	6H	20.5	21.6	21.1	22.2	22.9	24.5	25.5	25.1	26.1	26.8
	8H	20.6	21.6	21.2	22.2	22.9	25.0	26.1	25.7	26.7	27.4
	12H	20.6	21.6	21.2	22.2	22.9	25.7	26.7	26.3	27.3	28.0
4H	2H	19.1	20.3	19.7	20.9	21.6	20.5	21.6	21.1	22.2	22.9
	3H	20.7	21.7	21.3	22.3	23.0	22.9	23.9	23.5	24.5	25.2
	4H	21.3	22.2	21.9	22.8	23.6	24.2	25.0	24.8	25.7	26.4
	6H	21.7	22.5	22.4	23.2	23.9	25.5	26.3	26.1	26.9	27.7
	8H	21.8	22.6	22.5	23.2	24.0	26.2	26.9	26.8	27.6	28.3
	12H	21.9	22.6	22.6	23.3	24.0	27.0	27.6	27.6	28.3	29.1
8H	4H	21.9	22.6	22.5	23.3	24.0	24.3	25.1	25.0	25.7	26.5
	6H	22.5	23.1	23.1	23.8	24.5	25.9	26.5	26.5	27.2	27.9
	8H	22.7	23.2	23.3	23.9	24.7	26.7	27.3	27.4	28.0	28.7
	12H	22.8	23.3	23.5	24.0	24.8	27.7	28.2	28.4	28.9	29.7
12H	4H	22.0	22.7	22.7	23.4	24.1	24.4	25.0	25.0	25.7	26.5
	6H	22.7	23.3	23.4	24.0	24.8	25.9	26.5	26.6	27.1	27.9
	8H	23.0	23.5	23.7	24.2	25.0	26.8	27.3	27.5	28.0	28.8

Maximum UGR = 29.7

POLAR GRAPH



Maximum Candela = 2172.994 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.)