



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 12731921.06

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 4/2/2019

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] SDI5-4-P17-835-DMA-10U-90D-POE N

[LUMINAIRE] White steel housing, clear/textured and frosted lens enclo

[MORE] sures

[LAMP] LED

[LAMPCAT] HLM 80 CRI 3500K CCT

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Direct-Indirect

[_SEARCH_MOUNTING] Suspended

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5855
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
Total Luminaire Watts	47.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.77 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.15 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12226	9690	9011
55	11366	8319	7536
65	10146	6633	5845
75	8115	4372	3707
85	3990	1370	1095

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.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	1995.751	1995.751	1995.751	1995.751	1995.751
0.5	1992.602	2004.568	1989.453	1993.232	1997.010
1.0	1991.972	2003.938	1989.453	1992.602	1997.010
1.5	1991.342	2003.938	1988.823	1992.602	1996.380
2.0	1990.713	2003.308	1988.193	1991.342	1995.751
2.5	1990.083	2002.048	1986.934	1990.713	1994.491
3.0	1988.193	2000.789	1985.674	1990.083	1993.232
3.5	1987.564	1998.900	1983.785	1988.823	1991.342
4.0	1986.304	1997.010	1981.896	1987.564	1989.453
4.5	1984.415	1995.121	1980.006	1985.045	1987.564
5.0	1982.525	1993.232	1978.117	1982.525	1985.045
5.5	1980.006	1990.713	1975.598	1980.006	1982.525
6.0	1977.487	1988.193	1973.079	1977.487	1980.636
6.5	1974.968	1985.674	1970.560	1974.338	1977.487
7.0	1971.819	1982.525	1967.411	1971.190	1974.968
7.5	1968.670	1979.377	1964.892	1968.041	1971.819
8.0	1964.892	1976.228	1961.113	1964.262	1968.041
8.5	1961.113	1972.449	1957.964	1960.483	1963.632
9.0	1956.705	1968.670	1954.186	1956.705	1959.224
9.5	1952.926	1964.892	1950.407	1952.926	1954.815
10.0	1949.147	1960.483	1945.999	1947.888	1950.407
10.5	1945.369	1956.075	1941.590	1943.480	1945.369
11.0	1940.960	1951.667	1936.552	1938.441	1939.701
11.5	1935.292	1947.258	1931.514	1933.403	1934.663
12.0	1929.625	1942.220	1926.476	1927.735	1929.625
12.5	1924.586	1936.552	1921.437	1922.067	1924.586
13.0	1919.548	1931.514	1915.770	1917.029	1918.918
13.5	1913.880	1925.216	1910.102	1910.731	1911.991
14.0	1908.212	1919.548	1903.804	1905.063	1906.323
14.5	1902.544	1913.250	1897.506	1898.766	1900.655
15.0	1896.247	1906.953	1891.208	1892.468	1893.098
15.5	1889.949	1901.285	1884.281	1885.540	1886.170
16.0	1883.021	1894.987	1877.983	1878.613	1879.243
16.5	1876.094	1888.060	1870.426	1871.056	1872.315
17.0	1869.166	1880.502	1862.869	1864.128	1865.388
17.5	1861.609	1872.945	1855.311	1856.571	1857.830
18.0	1854.682	1866.017	1848.384	1849.014	1850.273
18.5	1847.124	1857.830	1840.197	1840.827	1841.456
19.0	1838.937	1850.273	1832.639	1832.639	1833.269
19.5	1830.750	1842.086	1825.082	1825.082	1825.082
20.0	1822.563	1833.899	1816.895	1815.636	1816.895
20.5	1814.376	1825.712	1808.078	1806.819	1808.078
21.0	1806.819	1817.525	1799.262	1798.002	1799.262
21.5	1798.632	1808.708	1791.074	1789.185	1790.445
22.0	1789.815	1799.891	1782.258	1779.739	1780.998
22.5	1780.368	1791.074	1773.441	1770.922	1770.922
23.0	1771.552	1781.628	1763.994	1761.475	1761.475
23.5	1762.735	1772.181	1754.548	1752.029	1750.769
24.0	1753.288	1762.735	1744.471	1742.582	1740.693
24.5	1744.471	1753.288	1735.025	1732.506	1729.986
25.0	1735.025	1743.212	1724.948	1722.429	1719.910
25.5	1724.948	1733.765	1715.502	1712.353	1709.204
26.0	1714.872	1723.689	1705.425	1701.647	1699.128
26.5	1705.425	1713.612	1695.349	1690.941	1688.421

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

CANDELA TABULATION - (Cont.)

27.0	1694.719	1702.906	1684.013	1680.234	1677.715
27.5	1684.013	1692.200	1673.307	1669.528	1667.009
28.0	1673.307	1681.494	1662.601	1658.192	1656.303
28.5	1662.601	1670.158	1651.265	1646.856	1644.967
29.0	1651.265	1659.452	1639.929	1635.521	1633.631
29.5	1640.559	1648.116	1629.223	1624.185	1622.295
30.0	1629.223	1637.410	1617.887	1612.219	1610.330
30.5	1617.257	1626.074	1605.921	1600.883	1598.364
31.0	1605.921	1614.738	1594.585	1588.917	1586.398
31.5	1594.585	1602.772	1582.620	1577.581	1574.433
32.0	1582.620	1590.807	1570.654	1564.986	1562.467
32.5	1571.284	1578.841	1558.688	1553.020	1549.871
33.0	1559.318	1566.875	1546.093	1540.425	1537.906
33.5	1547.352	1554.910	1533.497	1527.829	1525.310
34.0	1534.757	1542.314	1521.532	1515.234	1512.715
34.5	1523.421	1529.719	1508.936	1502.638	1498.860
35.0	1510.825	1517.123	1496.341	1490.043	1485.635
35.5	1498.860	1504.528	1483.745	1476.818	1471.780
36.0	1486.894	1491.932	1471.150	1463.593	1458.554
36.5	1474.299	1479.337	1458.554	1450.997	1445.329
37.0	1461.703	1466.741	1445.329	1437.142	1431.474
37.5	1448.478	1453.516	1432.734	1423.917	1417.619
38.0	1435.253	1440.291	1418.879	1410.062	1403.764
38.5	1422.657	1427.066	1405.653	1395.577	1389.909
39.0	1409.432	1413.840	1391.798	1382.352	1376.054
39.5	1396.207	1400.615	1378.573	1367.867	1362.199
40.0	1382.982	1387.390	1364.718	1354.012	1348.344
40.5	1369.756	1374.165	1350.863	1340.157	1334.489
41.0	1355.901	1360.310	1337.638	1326.302	1320.634
41.5	1342.046	1345.825	1323.783	1312.447	1307.409
42.0	1328.821	1332.600	1309.298	1298.592	1293.554
42.5	1315.596	1318.115	1295.443	1284.737	1280.329
43.0	1301.741	1304.260	1281.588	1271.512	1265.844
43.5	1287.886	1290.405	1267.733	1257.027	1251.989
44.0	1274.031	1275.920	1253.248	1243.172	1238.134
44.5	1260.806	1262.065	1239.393	1229.317	1224.279
45.0	1246.951	1247.580	1225.538	1215.462	1211.054
45.5	1233.096	1233.725	1211.683	1201.607	1196.569
46.0	1219.241	1218.611	1197.199	1187.752	1182.714
46.5	1204.756	1204.126	1183.344	1173.267	1168.229
47.0	1190.901	1190.271	1168.859	1159.412	1153.744
47.5	1176.416	1175.786	1155.004	1144.927	1138.630
48.0	1161.931	1161.301	1140.519	1130.443	1124.145
48.5	1147.446	1147.446	1126.034	1115.958	1109.660
49.0	1132.962	1132.332	1111.549	1101.473	1095.175
49.5	1118.477	1117.847	1097.065	1086.988	1080.691
50.0	1103.992	1103.362	1082.580	1072.503	1065.576
50.5	1088.878	1088.878	1068.725	1057.389	1050.461
51.0	1074.393	1074.393	1053.610	1042.274	1035.977
51.5	1059.278	1059.908	1039.125	1027.790	1020.862
52.0	1044.793	1044.793	1024.641	1012.675	1005.748
52.5	1029.679	1030.309	1009.526	998.190	990.633
53.0	1015.194	1015.194	995.041	983.076	976.148
53.5	1000.080	1000.080	979.927	967.961	961.034
54.0	984.965	985.595	964.812	953.476	946.549
54.5	970.480	970.480	950.327	938.362	931.434

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

CANDELA TABULATION - (Cont.)

55.0	955.366	955.366	935.213	923.247	916.320
55.5	940.251	940.251	920.098	908.133	901.205
56.0	925.137	924.507	904.984	893.018	886.720
56.5	910.022	909.392	889.869	878.533	871.606
57.0	894.907	893.648	874.125	863.419	857.121
57.5	879.163	878.533	859.010	848.304	841.377
58.0	864.049	862.789	843.896	833.190	826.262
58.5	848.934	847.045	828.152	818.075	811.148
59.0	833.190	831.300	813.037	802.961	796.663
59.5	817.445	815.556	797.922	787.846	781.548
60.0	801.701	799.812	782.808	772.731	766.434
60.5	785.957	784.697	767.064	757.617	750.689
61.0	770.212	768.953	751.949	741.873	735.575
61.5	754.468	753.209	736.834	726.758	720.460
62.0	739.354	737.464	721.720	711.644	705.346
62.5	723.609	721.720	705.976	696.529	690.231
63.0	707.865	705.976	690.861	681.414	675.117
63.5	691.491	690.861	675.746	666.300	660.002
64.0	675.746	675.117	660.632	651.185	644.888
64.5	660.002	659.372	644.888	635.441	629.584
65.0	644.888	642.998	629.773	620.578	614.281
65.5	629.017	627.632	614.407	605.590	599.481
66.0	613.525	612.013	599.040	590.286	584.240
66.5	597.592	596.269	583.611	575.424	569.315
67.0	582.099	580.714	568.307	560.120	554.326
67.5	566.670	564.843	552.878	544.880	539.212
68.0	550.548	549.162	537.511	529.765	524.412
68.5	535.055	533.292	521.956	514.902	510.557
69.0	519.374	517.547	507.219	500.670	495.505
69.5	504.133	502.433	492.357	485.492	480.202
70.0	489.271	487.192	476.927	470.314	465.087
70.5	473.337	471.637	461.435	455.074	450.288
71.0	458.349	456.648	446.761	440.904	435.929
71.5	442.919	441.219	431.898	425.915	420.814
72.0	427.364	425.412	416.721	410.738	405.763
72.5	411.809	409.730	401.417	395.623	390.648
73.0	396.127	394.175	386.303	380.698	375.660
73.5	380.572	378.683	371.125	365.646	360.671
74.0	364.828	363.316	355.948	350.595	345.871
74.5	349.272	347.887	340.959	335.795	331.135
75.0	333.780	332.520	326.033	321.121	316.587
75.5	318.791	317.406	311.234	306.511	302.228
76.0	303.865	302.417	296.560	291.963	287.806
76.5	288.940	287.554	282.012	277.541	273.510
77.0	274.014	272.881	267.591	263.245	259.404
77.5	259.089	258.333	253.232	249.138	245.423
78.0	244.604	243.974	239.125	235.283	231.756
78.5	230.308	229.678	225.207	221.617	218.216
79.0	216.327	215.634	211.478	208.203	204.991
79.5	202.598	201.842	197.938	194.915	191.829
80.0	188.932	188.176	184.712	181.941	178.919
80.5	175.455	174.825	171.739	169.094	166.386
81.0	162.230	161.726	159.081	156.751	154.042
81.5	149.319	148.878	146.800	144.659	142.140
82.0	136.787	136.472	134.771	132.882	130.489
82.5	124.632	124.443	123.121	121.483	119.153

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

CANDELA TABULATION - (Cont.)

83.0	112.729	112.792	111.848	110.399	108.195
83.5	101.268	101.456	100.953	99.756	97.678
84.0	90.309	90.687	90.561	89.617	87.727
84.5	79.792	80.359	80.611	79.792	78.155
85.0	69.653	70.535	71.164	70.598	69.086
85.5	60.017	61.277	62.222	61.844	60.458
86.0	50.886	52.334	53.657	53.594	52.397
86.5	42.195	43.958	45.596	45.784	44.651
87.0	34.071	36.023	38.038	38.479	37.534
87.5	26.513	28.529	30.796	31.489	30.607
88.0	19.523	21.601	23.805	24.687	23.679
88.5	12.973	15.052	17.004	17.634	16.437
89.0	6.990	9.006	10.706	11.840	11.399
89.5	2.582	4.534	6.613	7.557	7.179
90.0	0.756	1.448	2.330	2.582	2.204
90.5	2.771	4.031	3.590	2.708	1.448
91.0	2.960	3.905	3.527	2.582	1.511
91.5	3.275	4.219	3.779	2.834	1.700
92.0	3.590	4.660	4.094	3.086	2.015
92.5	3.968	5.101	4.534	3.527	2.393
93.0	4.471	5.542	5.101	4.094	2.960
93.5	5.101	6.109	5.731	4.723	3.653
94.0	5.668	6.739	6.424	5.416	4.408
94.5	6.361	7.431	7.116	6.235	5.227
95.0	7.179	8.250	7.935	7.053	6.109
95.5	8.187	9.195	8.880	7.935	7.053
96.0	9.258	10.202	9.761	8.880	7.998
96.5	10.328	11.273	10.769	9.887	8.943
97.0	11.525	12.407	11.777	10.895	10.013
97.5	12.784	13.540	12.847	12.029	11.147
98.0	14.107	14.800	13.981	13.162	12.281
98.5	15.429	16.059	15.178	14.296	13.477
99.0	16.815	17.319	16.374	15.492	14.674
99.5	18.263	18.641	17.634	16.752	15.933
100.0	19.712	20.027	18.893	18.012	17.193
100.5	21.286	21.475	20.279	19.271	18.515
101.0	22.798	22.861	21.601	20.594	19.838
101.5	24.372	24.372	22.987	21.979	21.160
102.0	26.010	25.884	24.435	23.302	22.546
102.5	27.584	27.395	25.884	24.687	23.931
103.0	29.221	28.970	27.332	26.136	25.380
103.5	30.922	30.544	28.844	27.521	26.765
104.0	32.559	32.181	30.292	29.033	28.214
104.5	34.323	33.819	31.804	30.481	29.662
105.0	36.023	35.456	33.378	31.929	31.111
105.5	37.786	37.094	34.889	33.441	32.622
106.0	39.550	38.794	36.464	34.889	34.071
106.5	41.313	40.494	38.038	36.401	35.582
107.0	43.076	42.195	39.613	37.912	37.094
107.5	44.840	43.895	41.124	39.424	38.605
108.0	46.666	45.659	42.699	40.935	40.180
108.5	48.430	47.359	44.273	42.510	41.691
109.0	50.256	49.122	45.847	44.021	43.202
109.5	52.019	50.886	47.422	45.533	44.714
110.0	53.846	52.712	48.996	47.107	46.288
110.5	55.609	54.475	50.571	48.618	47.863

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

CANDELA TABULATION - (Cont.)

111.0	57.372	56.239	52.145	50.193	49.374
111.5	59.136	58.002	53.783	51.767	50.949
112.0	60.962	59.765	55.357	53.279	52.460
112.5	62.725	61.592	56.931	54.853	54.035
113.0	64.489	63.355	58.569	56.428	55.609
113.5	66.315	65.119	60.143	57.939	57.120
114.0	68.078	66.882	61.718	59.514	58.632
114.5	69.842	68.645	63.292	61.025	60.206
115.0	71.668	70.409	64.930	62.536	61.718
115.5	73.369	72.172	66.504	64.048	63.292
116.0	75.195	73.935	68.141	65.622	64.867
116.5	76.958	75.699	69.779	67.071	66.315
117.0	78.722	77.525	71.416	68.645	67.827
117.5	80.485	79.288	72.991	70.220	69.275
118.0	82.248	81.052	74.565	71.731	70.724
118.5	84.012	82.815	76.203	73.369	72.235
119.0	85.775	84.641	77.777	74.880	73.746
119.5	87.475	86.405	79.414	76.391	75.321
120.0	89.239	88.168	81.052	77.966	76.832
120.5	90.939	89.932	82.626	79.540	78.407
121.0	92.703	91.758	84.264	81.115	79.981
121.5	94.403	93.521	85.901	82.689	81.493
122.0	96.103	95.348	87.538	84.264	83.004
122.5	97.741	97.111	89.113	85.901	84.641
123.0	99.441	98.937	90.750	87.412	86.216
123.5	101.079	100.701	92.388	88.924	87.853
124.0	102.653	102.401	94.025	90.435	89.428
124.5	104.227	104.164	95.663	91.884	91.065
125.0	105.865	105.865	97.300	93.395	92.640
125.5	107.439	107.565	98.937	94.907	94.151
126.0	109.077	109.266	100.512	96.481	95.600
126.5	110.714	111.029	102.149	97.930	97.111
127.0	112.226	112.729	103.787	99.378	98.497
127.5	113.800	114.430	105.424	100.890	99.945
128.0	115.311	116.130	107.061	102.338	101.393
128.5	116.823	117.831	108.699	103.850	102.905
129.0	118.334	119.531	110.336	105.361	104.353
129.5	119.783	121.231	111.911	106.810	105.739
130.0	121.294	122.932	113.548	108.321	107.250
130.5	122.743	124.632	115.123	109.832	108.699
131.0	124.128	126.269	116.697	111.344	110.147
131.5	125.577	127.970	118.334	112.855	111.596
132.0	127.025	129.544	119.909	114.304	113.044
132.5	128.411	131.245	121.546	115.815	114.556
133.0	129.733	132.819	123.121	117.390	116.067
133.5	130.993	134.457	124.758	118.838	117.642
134.0	132.378	136.031	126.395	120.413	119.090
134.5	133.701	137.668	128.033	121.924	120.602
135.0	135.023	139.243	129.670	123.436	122.050
135.5	136.283	140.817	131.308	125.010	123.561
136.0	137.542	142.329	133.008	126.584	125.010
136.5	138.739	143.840	134.645	128.033	126.521
137.0	139.936	145.352	136.283	129.607	127.970
137.5	141.132	146.863	138.046	131.182	129.481
138.0	142.329	148.312	139.747	132.756	130.993
138.5	143.462	149.697	141.384	134.331	132.567

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

CANDELA TABULATION - (Cont.)

139.0	144.659	151.083	143.084	135.905	134.079
139.5	145.855	152.405	144.722	137.479	135.590
140.0	146.989	153.791	146.422	139.054	137.165
140.5	148.186	155.113	148.123	140.691	138.676
141.0	149.319	156.373	149.760	142.329	140.124
141.5	150.453	157.695	151.397	143.966	141.699
142.0	151.460	158.955	153.035	145.604	143.273
142.5	152.531	160.214	154.672	147.241	144.848
143.0	153.602	161.411	156.310	148.878	146.422
143.5	154.609	162.544	157.884	150.579	148.060
144.0	155.617	163.741	159.459	152.153	149.697
144.5	156.625	164.875	161.033	153.854	151.397
145.0	157.569	165.945	162.544	155.491	153.035
145.5	158.514	167.016	163.993	157.191	154.672
146.0	159.396	168.023	165.504	158.892	156.373
146.5	160.277	169.031	166.890	160.466	158.010
147.0	161.159	170.102	168.338	162.167	159.647
147.5	162.104	171.172	169.724	163.741	161.348
148.0	162.985	172.243	171.046	165.378	162.985
148.5	163.867	173.251	172.369	166.953	164.623
149.0	164.686	174.195	173.628	168.527	166.197
149.5	165.441	175.140	174.951	170.039	167.772
150.0	166.260	175.896	176.210	171.487	169.346
150.5	167.079	176.777	177.533	172.999	170.920
151.0	167.897	177.533	178.793	174.447	172.369
151.5	168.653	178.289	179.989	175.833	173.817
152.0	169.346	179.107	181.123	177.218	175.266
152.5	170.039	179.989	182.319	178.541	176.588
153.0	170.794	180.871	183.453	179.800	177.911
153.5	171.487	181.627	184.586	181.123	179.170
154.0	172.180	182.382	185.657	182.382	180.493
154.5	172.810	183.138	186.728	183.642	181.690
155.0	173.439	183.768	187.609	184.775	182.886
155.5	174.006	184.272	188.491	185.909	184.020
156.0	174.699	184.838	189.373	187.043	185.216
156.5	175.266	185.405	190.191	188.113	186.287
157.0	175.896	185.909	191.010	189.247	187.420
157.5	176.462	186.476	191.766	190.317	188.491
158.0	176.966	186.854	192.459	191.388	189.499
158.5	177.533	187.232	193.088	192.396	190.443
159.0	178.037	187.609	193.655	193.403	191.451
159.5	178.478	187.924	194.159	194.348	192.459
160.0	178.981	188.302	194.600	195.230	193.403
160.5	179.422	188.617	195.104	195.985	194.348
161.0	179.800	188.869	195.482	196.804	195.230
161.5	180.241	189.184	195.859	197.560	196.048
162.0	180.619	189.436	196.111	198.253	196.867
162.5	180.997	189.625	196.237	198.945	197.623
163.0	181.375	189.814	196.363	199.512	198.379
163.5	181.752	190.003	196.426	199.953	199.071
164.0	182.067	190.065	196.552	200.331	199.764
164.5	182.445	190.191	196.615	200.709	200.331
165.0	182.760	190.254	196.678	201.024	200.646
165.5	183.012	190.317	196.741	201.275	200.961
166.0	183.327	190.317	196.741	201.401	201.275
166.5	183.579	190.317	196.552	201.338	201.653

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

CANDELA TABULATION - (Cont.)

167.0	183.831	190.317	196.426	201.212	201.905
167.5	184.083	190.317	196.300	201.150	201.905
168.0	184.335	190.254	196.111	201.150	201.779
168.5	184.586	190.128	195.859	201.024	201.842
169.0	184.712	190.003	195.733	200.835	201.968
169.5	184.964	189.877	195.482	200.457	201.905
170.0	185.153	189.688	195.167	200.079	201.779
170.5	185.342	189.562	194.915	199.638	201.527
171.0	185.531	189.436	194.537	199.260	201.087
171.5	185.657	189.310	194.159	198.819	200.772
172.0	185.783	189.121	193.718	198.379	200.457
172.5	185.909	189.058	193.214	197.812	199.953
173.0	186.035	188.932	192.648	197.245	199.323
173.5	186.161	188.806	192.081	196.489	198.504
174.0	186.287	188.680	191.514	195.733	197.497
174.5	186.413	188.554	190.947	194.852	196.363
175.0	186.476	188.491	190.443	193.907	195.041
175.5	186.602	188.365	189.940	193.025	193.592
176.0	186.665	188.302	189.373	192.144	192.144
176.5	186.791	188.176	188.932	191.325	190.758
177.0	186.854	188.176	188.554	190.569	189.625
177.5	186.854	188.113	188.239	189.940	188.743
178.0	186.917	188.050	187.987	189.373	188.050
178.5	186.917	187.987	187.798	188.932	187.483
179.0	186.917	187.987	187.672	188.617	187.169
179.5	186.917	187.987	187.546	188.365	187.043
180.0	187.672	187.672	187.672	187.672	187.672

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	722.97	N.A.	12.30
0-30	1519.44	N.A.	25.90
0-40	2457.58	N.A.	42.00
0-60	4243.39	N.A.	72.50
0-80	5213.43	N.A.	89.00
0-90	5298.3	N.A.	90.50
10-90	5109.94	N.A.	87.30
20-40	1734.61	N.A.	29.60
20-50	2682.84	N.A.	45.80
40-70	2410.04	N.A.	41.20
60-80	970.04	N.A.	16.60
70-80	345.81	N.A.	5.90
80-90	84.87	N.A.	1.40
90-110	45.01	N.A.	0.80
90-120	110.44	N.A.	1.90
90-130	198.83	N.A.	3.40
90-150	399.18	N.A.	6.80
90-180	556.98	N.A.	9.50
110-180	511.97	N.A.	8.70
0-180	5855.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	188.37
10-20	534.60
20-30	796.47
30-40	938.14
40-50	948.23
50-60	837.58
60-70	624.23
70-80	345.81
80-90	84.87
90-100	9.37
100-110	35.64
110-120	65.43
120-130	88.39
130-140	100.46
140-150	99.89
150-160	84.45
160-170	55.00
170-180	18.35

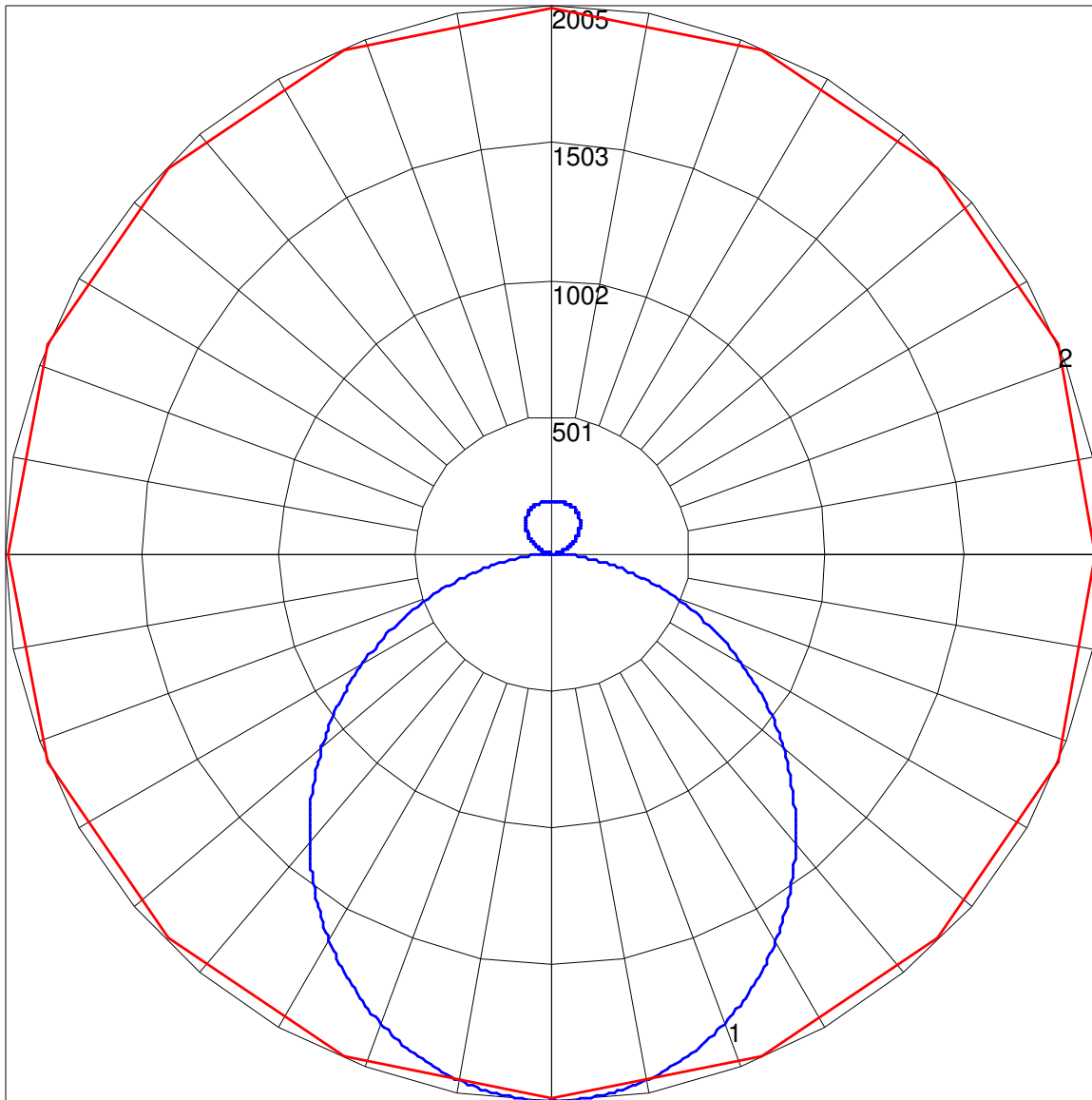
IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-835-DMA-10U-90D-POE N.IES

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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	107	102	98	94	103	99	95	92	93	90	87	88	85	83	83	81	79	76
2	97	89	83	77	94	87	81	75	82	77	72	77	73	69	73	69	66	64
3	89	79	71	64	86	76	69	63	72	66	61	68	63	59	64	60	56	54
4	81	70	61	55	78	68	60	54	64	57	52	61	55	50	57	53	49	46
5	75	62	53	47	72	61	52	46	57	50	45	54	48	44	52	46	42	40
6	69	56	47	41	67	55	46	41	52	45	39	49	43	38	47	42	37	35
7	64	51	42	36	62	50	42	36	47	40	35	45	39	34	43	37	33	31
8	60	46	38	32	58	45	37	32	43	36	31	41	35	30	39	34	30	28
9	56	43	35	29	54	42	34	29	40	33	28	38	32	27	36	31	27	25
10	52	39	32	26	50	38	31	26	37	30	26	35	29	25	34	28	24	23

POLAR GRAPH



Maximum Candela = 2004.568 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)