



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-10U-90D-POE N_4000K.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-P17-8TW-DMA-10U-90D-POE N-4000k
[LUMINAIRE] White steel housing, clear/textured and frosted lens enclo
[LAMP] LED
[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT
[_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	5851
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	44.5
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

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12217	9683	9005
55	11358	8313	7531
65	10139	6629	5841
75	8109	4369	3705
85	3987	1369	1094

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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	1994.387	1994.387	1994.387	1994.387	1994.387
0.5	1991.241	2003.198	1988.094	1991.870	1995.646
1.0	1990.611	2002.569	1988.094	1991.241	1995.646
1.5	1989.982	2002.569	1987.465	1991.241	1995.017
2.0	1989.353	2001.939	1986.835	1989.982	1994.387
2.5	1988.723	2000.681	1985.577	1989.353	1993.129
3.0	1986.835	1999.422	1984.318	1988.723	1991.870
3.5	1986.206	1997.534	1982.430	1987.465	1989.982
4.0	1984.947	1995.646	1980.542	1986.206	1988.094
4.5	1983.059	1993.758	1978.654	1983.688	1986.206
5.0	1981.171	1991.870	1976.766	1981.171	1983.688
5.5	1978.654	1989.353	1974.248	1978.654	1981.171
6.0	1976.136	1986.835	1971.731	1976.136	1979.283
6.5	1973.619	1984.318	1969.214	1972.990	1976.136
7.0	1970.472	1981.171	1966.067	1969.843	1973.619
7.5	1967.326	1978.024	1963.550	1966.696	1970.472
8.0	1963.550	1974.878	1959.773	1962.920	1966.696
8.5	1959.773	1971.102	1956.627	1959.144	1962.291
9.0	1955.368	1967.326	1952.851	1955.368	1957.885
9.5	1951.592	1963.550	1949.075	1951.592	1953.480
10.0	1947.816	1959.144	1944.669	1946.557	1949.075
10.5	1944.040	1954.739	1940.264	1942.152	1944.040
11.0	1939.634	1950.333	1935.229	1937.117	1938.376
11.5	1933.970	1945.928	1930.194	1932.082	1933.341
12.0	1928.306	1940.893	1925.160	1926.418	1928.306
12.5	1923.272	1935.229	1920.125	1920.754	1923.272
13.0	1918.237	1930.194	1914.461	1915.719	1917.607
13.5	1912.573	1923.901	1908.797	1909.426	1910.685
14.0	1906.909	1918.237	1902.503	1903.762	1905.021
14.5	1901.245	1911.943	1896.210	1897.469	1899.357
15.0	1894.951	1905.650	1889.916	1891.175	1891.804
15.5	1888.658	1899.986	1882.994	1884.252	1884.882
16.0	1881.735	1893.692	1876.700	1877.330	1877.959
16.5	1874.812	1886.770	1869.148	1869.777	1871.036
17.0	1867.889	1879.218	1861.596	1862.855	1864.113
17.5	1860.337	1871.665	1854.044	1855.303	1856.561
18.0	1853.415	1864.743	1847.121	1847.750	1849.009
18.5	1845.862	1856.561	1838.940	1839.569	1840.198
19.0	1837.681	1849.009	1831.388	1831.388	1832.017
19.5	1829.500	1840.828	1823.835	1823.835	1823.835
20.0	1821.318	1832.646	1815.654	1814.395	1815.654
20.5	1813.137	1824.465	1806.843	1805.584	1806.843
21.0	1805.584	1816.283	1798.032	1796.774	1798.032
21.5	1797.403	1807.473	1789.851	1787.963	1789.222
22.0	1788.592	1798.662	1781.040	1778.523	1779.781
22.5	1779.152	1789.851	1772.229	1769.712	1769.712
23.0	1770.341	1780.411	1762.789	1760.272	1760.272
23.5	1761.530	1770.971	1753.349	1750.832	1749.573
24.0	1752.090	1761.530	1743.280	1741.392	1739.503
24.5	1743.280	1752.090	1733.839	1731.322	1728.805
25.0	1733.839	1742.021	1723.770	1721.253	1718.735
25.5	1723.770	1732.581	1714.330	1711.183	1708.036
26.0	1713.700	1722.511	1704.260	1700.484	1697.967
26.5	1704.260	1712.442	1694.191	1689.785	1687.268

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-10U-90D-POE N_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	1693.561	1701.743	1682.863	1679.087	1676.569
27.5	1682.863	1691.044	1672.164	1668.388	1665.870
28.0	1672.164	1680.345	1661.465	1657.060	1655.172
28.5	1661.465	1669.017	1650.137	1645.731	1643.843
29.0	1650.137	1658.318	1638.809	1634.403	1632.515
29.5	1639.438	1646.990	1628.110	1623.075	1621.187
30.0	1628.110	1636.291	1616.782	1611.118	1609.230
30.5	1616.152	1624.963	1604.824	1599.789	1597.272
31.0	1604.824	1613.635	1593.496	1587.832	1585.314
31.5	1593.496	1601.677	1581.538	1576.504	1573.357
32.0	1581.538	1589.720	1569.581	1563.917	1561.399
32.5	1570.210	1577.762	1557.623	1551.959	1548.813
33.0	1558.253	1565.805	1545.037	1539.372	1536.855
33.5	1546.295	1553.847	1532.450	1526.786	1524.268
34.0	1533.708	1541.261	1520.492	1514.199	1511.681
34.5	1522.380	1528.674	1507.905	1501.612	1497.836
35.0	1509.793	1516.087	1495.318	1489.025	1484.620
35.5	1497.836	1503.500	1482.732	1475.809	1470.774
36.0	1485.878	1490.913	1470.145	1462.593	1457.558
36.5	1473.291	1478.326	1457.558	1450.006	1444.342
37.0	1460.705	1465.739	1444.342	1436.160	1430.496
37.5	1447.488	1452.523	1431.755	1422.944	1416.651
38.0	1434.272	1439.307	1417.909	1409.099	1402.805
38.5	1421.685	1426.091	1404.693	1394.624	1388.960
39.0	1408.469	1412.875	1390.848	1381.407	1375.114
39.5	1395.253	1399.658	1377.631	1366.933	1361.268
40.0	1382.037	1386.442	1363.786	1353.087	1347.423
40.5	1368.821	1373.226	1349.940	1339.241	1333.577
41.0	1354.975	1359.380	1336.724	1325.396	1319.732
41.5	1341.129	1344.906	1322.879	1311.550	1306.516
42.0	1327.913	1331.689	1308.404	1297.705	1292.670
42.5	1314.697	1317.214	1294.558	1283.859	1279.454
43.0	1300.852	1303.369	1280.713	1270.643	1264.979
43.5	1287.006	1289.523	1266.867	1256.168	1251.133
44.0	1273.160	1275.049	1252.392	1242.323	1237.288
44.5	1259.944	1261.203	1238.547	1228.477	1223.442
45.0	1246.099	1246.728	1224.701	1214.632	1210.226
45.5	1232.253	1232.883	1210.856	1200.786	1195.751
46.0	1218.408	1217.778	1196.381	1186.941	1181.906
46.5	1203.933	1203.303	1182.535	1172.466	1167.431
47.0	1190.087	1189.458	1168.060	1158.620	1152.956
47.5	1175.612	1174.983	1154.215	1144.145	1137.852
48.0	1161.137	1160.508	1139.740	1129.670	1123.377
48.5	1146.663	1146.663	1125.265	1115.195	1108.902
49.0	1132.188	1131.558	1110.790	1100.721	1094.427
49.5	1117.713	1117.083	1096.315	1086.246	1079.952
50.0	1103.238	1102.609	1081.840	1071.771	1064.848
50.5	1088.134	1088.134	1067.995	1056.667	1049.744
51.0	1073.659	1073.659	1052.890	1041.562	1035.269
51.5	1058.555	1059.184	1038.416	1027.087	1020.165
52.0	1044.080	1044.080	1023.941	1011.983	1005.060
52.5	1028.975	1029.605	1008.836	997.508	989.956
53.0	1014.501	1014.501	994.362	982.404	975.481
53.5	999.396	999.396	979.257	967.300	960.377
54.0	984.292	984.921	964.153	952.825	945.902
54.5	969.817	969.817	949.678	937.721	930.798

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55.0	954.713	954.713	934.574	922.617	915.694
55.5	939.609	939.609	919.470	907.512	900.590
56.0	924.505	923.875	904.366	892.408	886.115
56.5	909.400	908.771	889.261	877.933	871.010
57.0	894.296	893.037	873.528	862.829	856.536
57.5	878.563	877.933	858.424	847.725	840.802
58.0	863.458	862.200	843.319	832.621	825.698
58.5	848.354	846.466	827.586	817.516	810.594
59.0	832.621	830.732	812.482	802.412	796.119
59.5	816.887	814.999	797.377	787.308	781.014
60.0	801.153	799.265	782.273	772.204	765.910
60.5	785.420	784.161	766.540	757.099	750.177
61.0	769.686	768.428	751.435	741.366	735.072
61.5	753.953	752.694	736.331	726.262	719.968
62.0	738.848	736.960	721.227	711.157	704.864
62.5	723.115	721.227	705.493	696.053	689.760
63.0	707.381	705.493	690.389	680.949	674.655
63.5	691.018	690.389	675.285	665.845	659.551
64.0	675.285	674.655	660.181	650.740	644.447
64.5	659.551	658.922	644.447	635.007	629.154
65.0	644.447	642.559	629.343	620.154	613.861
65.5	628.588	627.203	613.987	605.176	599.071
66.0	613.106	611.595	598.631	589.883	583.841
66.5	597.183	595.862	583.212	575.031	568.926
67.0	581.702	580.317	567.919	559.737	553.948
67.5	566.283	564.458	552.500	544.507	538.843
68.0	550.171	548.787	537.144	529.403	524.054
68.5	534.690	532.927	521.599	514.551	510.208
69.0	519.019	517.194	506.873	500.328	495.167
69.5	503.789	502.090	492.020	485.160	479.874
70.0	488.936	486.860	476.601	469.993	464.770
70.5	473.014	471.315	461.119	454.763	449.980
71.0	458.036	456.336	446.456	440.603	435.631
71.5	442.617	440.918	431.603	425.625	420.527
72.0	427.072	425.121	416.436	410.457	405.486
72.5	411.527	409.450	401.143	395.353	390.381
73.0	395.857	393.906	386.039	380.438	375.403
73.5	380.312	378.424	370.872	365.396	360.425
74.0	364.578	363.068	355.705	350.355	345.635
74.5	349.034	347.649	340.726	335.566	330.908
75.0	333.552	332.293	325.811	320.902	316.371
75.5	318.573	317.189	311.021	306.301	302.022
76.0	303.658	302.210	296.358	291.763	287.610
76.5	288.742	287.358	281.820	277.351	273.324
77.0	273.827	272.694	267.408	263.065	259.226
77.5	258.912	258.156	253.059	248.968	245.255
78.0	244.437	243.807	238.961	235.122	231.598
78.5	230.151	229.521	225.053	221.466	218.067
79.0	216.179	215.487	211.333	208.061	204.851
79.5	202.460	201.704	197.802	194.782	191.698
80.0	188.803	188.048	184.586	181.817	178.796
80.5	175.335	174.706	171.622	168.979	166.272
81.0	162.119	161.615	158.972	156.643	153.937
81.5	149.217	148.777	146.700	144.560	142.043
82.0	136.693	136.379	134.679	132.791	130.400
82.5	124.547	124.358	123.037	121.400	119.072

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83.0	112.652	112.715	111.771	110.324	108.121
83.5	101.198	101.387	100.884	99.688	97.611
84.0	90.248	90.625	90.499	89.555	87.667
84.5	79.738	80.304	80.556	79.738	78.101
85.0	69.605	70.486	71.116	70.549	69.039
85.5	59.976	61.235	62.179	61.801	60.417
86.0	50.851	52.298	53.620	53.557	52.361
86.5	42.166	43.928	45.564	45.753	44.620
87.0	34.047	35.998	38.012	38.453	37.509
87.5	26.495	28.509	30.775	31.467	30.586
88.0	19.510	21.586	23.789	24.670	23.663
88.5	12.964	15.041	16.992	17.622	16.426
89.0	6.986	9.000	10.699	11.832	11.391
89.5	2.580	4.531	6.608	7.552	7.175
90.0	0.755	1.447	2.329	2.580	2.203
90.5	2.769	4.028	3.587	2.706	1.447
91.0	2.958	3.902	3.524	2.580	1.510
91.5	3.273	4.217	3.776	2.832	1.699
92.0	3.587	4.657	4.091	3.084	2.014
92.5	3.965	5.098	4.531	3.524	2.392
93.0	4.468	5.538	5.098	4.091	2.958
93.5	5.098	6.105	5.727	4.720	3.650
94.0	5.664	6.734	6.419	5.412	4.405
94.5	6.356	7.426	7.112	6.230	5.224
95.0	7.175	8.244	7.930	7.049	6.105
95.5	8.181	9.188	8.874	7.930	7.049
96.0	9.251	10.195	9.755	8.874	7.993
96.5	10.321	11.265	10.762	9.881	8.937
97.0	11.517	12.398	11.769	10.888	10.007
97.5	12.776	13.531	12.839	12.020	11.139
98.0	14.097	14.790	13.971	13.153	12.272
98.5	15.419	16.048	15.167	14.286	13.468
99.0	16.803	17.307	16.363	15.482	14.664
99.5	18.251	18.629	17.622	16.741	15.922
100.0	19.698	20.013	18.880	17.999	17.181
100.5	21.272	21.461	20.265	19.258	18.503
101.0	22.782	22.845	21.586	20.580	19.824
101.5	24.356	24.356	22.971	21.964	21.146
102.0	25.992	25.866	24.419	23.286	22.530
102.5	27.565	27.376	25.866	24.670	23.915
103.0	29.202	28.950	27.313	26.118	25.363
103.5	30.901	30.523	28.824	27.502	26.747
104.0	32.537	32.159	30.271	29.013	28.195
104.5	34.299	33.796	31.782	30.460	29.642
105.0	35.998	35.432	33.355	31.908	31.090
105.5	37.761	37.068	34.866	33.418	32.600
106.0	39.523	38.768	36.439	34.866	34.047
106.5	41.285	40.467	38.012	36.376	35.558
107.0	43.047	42.166	39.586	37.886	37.068
107.5	44.809	43.865	41.096	39.397	38.579
108.0	46.634	45.627	42.669	40.907	40.152
108.5	48.396	47.327	44.243	42.481	41.662
109.0	50.222	49.089	45.816	43.991	43.173
109.5	51.984	50.851	47.390	45.501	44.683
110.0	53.809	52.676	48.963	47.075	46.257
110.5	55.571	54.438	50.536	48.585	47.830

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111.0	57.333	56.200	52.110	50.159	49.340
111.5	59.095	57.962	53.746	51.732	50.914
112.0	60.920	59.725	55.319	53.242	52.424
112.5	62.683	61.550	56.893	54.816	53.998
113.0	64.445	63.312	58.529	56.389	55.571
113.5	66.270	65.074	60.102	57.900	57.081
114.0	68.032	66.836	61.676	59.473	58.592
114.5	69.794	68.598	63.249	60.983	60.165
115.0	71.619	70.361	64.885	62.494	61.676
115.5	73.318	72.123	66.459	64.004	63.249
116.0	75.144	73.885	68.095	65.578	64.822
116.5	76.906	75.647	69.731	67.025	66.270
117.0	78.668	77.472	71.367	68.598	67.780
117.5	80.430	79.234	72.941	70.172	69.228
118.0	82.192	80.996	74.514	71.682	70.675
118.5	83.954	82.759	76.150	73.318	72.186
119.0	85.716	84.584	77.724	74.829	73.696
119.5	87.416	86.346	79.360	76.339	75.269
120.0	89.178	88.108	80.996	77.913	76.780
120.5	90.877	89.870	82.570	79.486	78.353
121.0	92.639	91.695	84.206	81.059	79.927
121.5	94.338	93.457	85.842	82.633	81.437
122.0	96.038	95.282	87.479	84.206	82.947
122.5	97.674	97.045	89.052	85.842	84.584
123.0	99.373	98.870	90.688	87.353	86.157
123.5	101.010	100.632	92.325	88.863	87.793
124.0	102.583	102.331	93.961	90.374	89.367
124.5	104.156	104.093	95.597	91.821	91.003
125.0	105.793	105.793	97.233	93.332	92.576
125.5	107.366	107.492	98.870	94.842	94.087
126.0	109.002	109.191	100.443	96.415	95.534
126.5	110.638	110.953	102.079	97.863	97.045
127.0	112.149	112.652	103.716	99.310	98.429
127.5	113.722	114.352	105.352	100.821	99.877
128.0	115.233	116.051	106.988	102.268	101.324
128.5	116.743	117.750	108.625	103.779	102.835
129.0	118.254	119.449	110.261	105.289	104.282
129.5	119.701	121.148	111.834	106.737	105.667
130.0	121.211	122.848	113.471	108.247	107.177
130.5	122.659	124.547	115.044	109.757	108.625
131.0	124.043	126.183	116.617	111.268	110.072
131.5	125.491	127.882	118.254	112.778	111.520
132.0	126.938	129.456	119.827	114.226	112.967
132.5	128.323	131.155	121.463	115.736	114.477
133.0	129.645	132.728	123.037	117.309	115.988
133.5	130.903	134.365	124.673	118.757	117.561
134.0	132.288	135.938	126.309	120.330	119.009
134.5	133.609	137.574	127.945	121.841	120.519
135.0	134.931	139.148	129.582	123.351	121.967
135.5	136.190	140.721	131.218	124.925	123.477
136.0	137.448	142.231	132.917	126.498	124.925
136.5	138.644	143.742	134.553	127.945	126.435
137.0	139.840	145.252	136.190	129.519	127.882
137.5	141.036	146.763	137.952	131.092	129.393
138.0	142.231	148.210	139.651	132.665	130.903
138.5	143.364	149.595	141.287	134.239	132.477

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-10U-90D-POE N_4000K.IES

CANDELA TABULATION - (Cont.)

139.0	144.560	150.979	142.987	135.812	133.987
139.5	145.756	152.301	144.623	137.386	135.498
140.0	146.889	153.686	146.322	138.959	137.071
140.5	148.084	155.007	148.021	140.595	138.581
141.0	149.217	156.266	149.658	142.231	140.029
141.5	150.350	157.587	151.294	143.868	141.602
142.0	151.357	158.846	152.930	145.504	143.175
142.5	152.427	160.105	154.567	147.140	144.749
143.0	153.497	161.301	156.203	148.777	146.322
143.5	154.504	162.433	157.776	150.476	147.958
144.0	155.511	163.629	159.350	152.049	149.595
144.5	156.518	164.762	160.923	153.748	151.294
145.0	157.462	165.832	162.433	155.385	152.930
145.5	158.406	166.902	163.881	157.084	154.567
146.0	159.287	167.909	165.391	158.783	156.266
146.5	160.168	168.916	166.776	160.357	157.902
147.0	161.049	169.985	168.223	162.056	159.538
147.5	161.993	171.055	169.608	163.629	161.238
148.0	162.874	172.125	170.930	165.265	162.874
148.5	163.755	173.132	172.251	166.839	164.510
149.0	164.573	174.076	173.510	168.412	166.084
149.5	165.328	175.020	174.831	169.923	167.657
150.0	166.146	175.775	176.090	171.370	169.230
150.5	166.965	176.657	177.412	172.880	170.804
151.0	167.783	177.412	178.670	174.328	172.251
151.5	168.538	178.167	179.866	175.713	173.699
152.0	169.230	178.985	180.999	177.097	175.146
152.5	169.923	179.866	182.195	178.419	176.468
153.0	170.678	180.747	183.328	179.677	177.789
153.5	171.370	181.502	184.460	180.999	179.048
154.0	172.062	182.258	185.530	182.258	180.370
154.5	172.692	183.013	186.600	183.516	181.565
155.0	173.321	183.642	187.481	184.649	182.761
155.5	173.887	184.146	188.362	185.782	183.894
156.0	174.580	184.712	189.243	186.915	185.090
156.5	175.146	185.279	190.062	187.985	186.160
157.0	175.775	185.782	190.880	189.118	187.292
157.5	176.342	186.348	191.635	190.187	188.362
158.0	176.845	186.726	192.327	191.257	189.369
158.5	177.412	187.104	192.957	192.264	190.313
159.0	177.915	187.481	193.523	193.271	191.320
159.5	178.356	187.796	194.026	194.215	192.327
160.0	178.859	188.173	194.467	195.096	193.271
160.5	179.300	188.488	194.970	195.851	194.215
161.0	179.677	188.740	195.348	196.670	195.096
161.5	180.118	189.055	195.726	197.425	195.914
162.0	180.496	189.306	195.977	198.117	196.733
162.5	180.873	189.495	196.103	198.809	197.488
163.0	181.251	189.684	196.229	199.376	198.243
163.5	181.628	189.873	196.292	199.816	198.935
164.0	181.943	189.936	196.418	200.194	199.628
164.5	182.321	190.062	196.481	200.572	200.194
165.0	182.635	190.124	196.544	200.886	200.509
165.5	182.887	190.187	196.607	201.138	200.823
166.0	183.202	190.187	196.607	201.264	201.138
166.5	183.453	190.187	196.418	201.201	201.516

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-10U-90D-POE N_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	183.705	190.187	196.292	201.075	201.767
167.5	183.957	190.187	196.166	201.012	201.767
168.0	184.209	190.124	195.977	201.012	201.641
168.5	184.460	189.999	195.726	200.886	201.704
169.0	184.586	189.873	195.600	200.697	201.830
169.5	184.838	189.747	195.348	200.320	201.767
170.0	185.027	189.558	195.033	199.942	201.641
170.5	185.216	189.432	194.782	199.502	201.390
171.0	185.404	189.306	194.404	199.124	200.949
171.5	185.530	189.180	194.026	198.684	200.634
172.0	185.656	188.992	193.586	198.243	200.320
172.5	185.782	188.929	193.082	197.677	199.816
173.0	185.908	188.803	192.516	197.110	199.187
173.5	186.034	188.677	191.950	196.355	198.369
174.0	186.160	188.551	191.383	195.600	197.362
174.5	186.285	188.425	190.817	194.719	196.229
175.0	186.348	188.362	190.313	193.775	194.907
175.5	186.474	188.236	189.810	192.894	193.460
176.0	186.537	188.173	189.243	192.012	192.012
176.5	186.663	188.048	188.803	191.194	190.628
177.0	186.726	188.048	188.425	190.439	189.495
177.5	186.726	187.985	188.111	189.810	188.614
178.0	186.789	187.922	187.859	189.243	187.922
178.5	186.789	187.859	187.670	188.803	187.355
179.0	186.789	187.859	187.544	188.488	187.041
179.5	186.789	187.859	187.418	188.236	186.915
180.0	187.544	187.544	187.544	187.544	187.544

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-10U-90D-POE N_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	722.47	N.A.	12.30
0-30	1518.4	N.A.	25.90
0-40	2455.9	N.A.	42.00
0-60	4240.49	N.A.	72.50
0-80	5209.87	N.A.	89.00
0-90	5294.68	N.A.	90.50
10-90	5106.44	N.A.	87.30
20-40	1733.42	N.A.	29.60
20-50	2681.01	N.A.	45.80
40-70	2408.4	N.A.	41.20
60-80	969.38	N.A.	16.60
70-80	345.57	N.A.	5.90
80-90	84.81	N.A.	1.40
90-110	44.98	N.A.	0.80
90-120	110.37	N.A.	1.90
90-130	198.69	N.A.	3.40
90-150	398.91	N.A.	6.80
90-180	556.60	N.A.	9.50
110-180	511.62	N.A.	8.70
0-180	5851.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	188.24
10-20	534.24
20-30	795.93
30-40	937.50
40-50	947.59
50-60	837.01
60-70	623.81
70-80	345.57
80-90	84.81
90-100	9.37
100-110	35.62
110-120	65.38
120-130	88.33
130-140	100.39
140-150	99.82
150-160	84.39
160-170	54.96
170-180	18.34

IES INDOOR REPORT

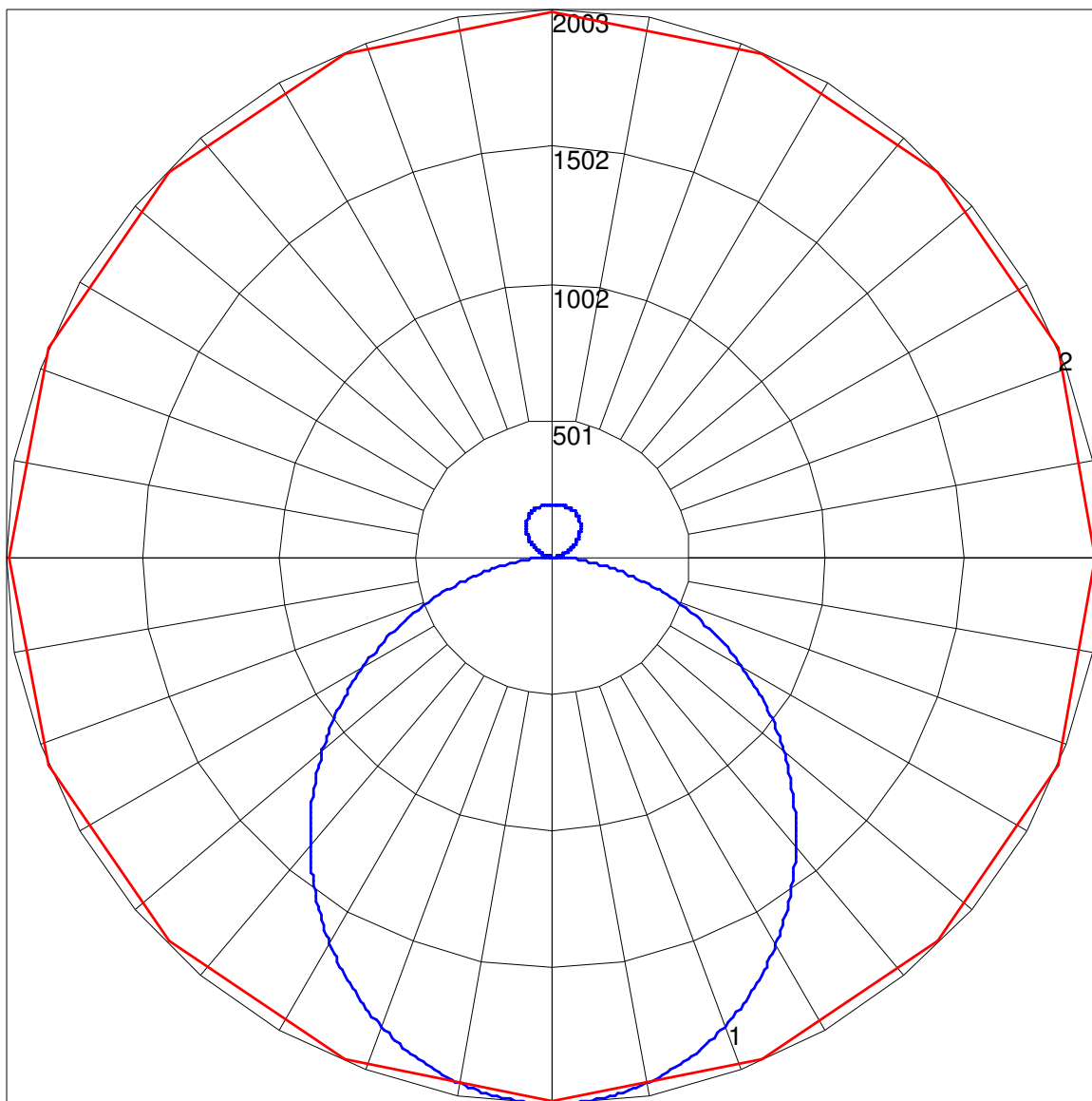
PHOTOMETRIC FILENAME : SDI5-4-P17-8TW-DMA-10U-90D-POE N_4000K.IES

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 = 2003.198 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.)