



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.05
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 4/2/2019
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV-4000k
[LUMINAIRE] White steel housing, clear/textured and frosted lens enclo
[MORE] sures
[LAMP] LED
[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT
[BALLAST] Everline D21CC80UNVPW-C
[OTHER] 24.5 C, 120 V, 96.1 W, 0.99PF, 60 Hz
[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	9816
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	96.1
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.54
Spacing Criterion (Diagonal)	1.54
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-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14611	13271	13809
55	13890	11865	12117
65	12606	9641	9584
75	10099	6334	6055
85	4513	1798	1626

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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	2032.133	2032.133	2032.133	2032.133	2032.133
0.5	2081.940	2043.091	2019.183	2016.195	2018.187
1.0	2081.940	2043.091	2019.183	2016.195	2018.187
1.5	2081.940	2043.091	2019.183	2017.191	2018.187
2.0	2081.940	2042.095	2019.183	2017.191	2019.183
2.5	2080.944	2042.095	2019.183	2018.187	2020.179
3.0	2080.944	2042.095	2019.183	2019.183	2021.176
3.5	2079.948	2041.098	2020.179	2020.179	2022.172
4.0	2078.952	2040.102	2020.179	2021.176	2024.164
4.5	2077.956	2040.102	2020.179	2022.172	2026.156
5.0	2076.960	2039.106	2020.179	2024.164	2028.149
5.5	2075.963	2038.110	2021.176	2025.160	2030.141
6.0	2073.971	2037.114	2021.176	2027.152	2032.133
6.5	2072.975	2036.118	2022.172	2029.145	2034.125
7.0	2070.983	2035.122	2022.172	2031.137	2037.114
7.5	2068.990	2034.125	2023.168	2033.129	2040.102
8.0	2066.998	2033.129	2023.168	2035.122	2042.095
8.5	2065.006	2031.137	2024.164	2037.114	2045.083
9.0	2062.017	2030.141	2025.160	2040.102	2048.071
9.5	2060.025	2028.149	2025.160	2042.095	2051.060
10.0	2057.037	2027.152	2026.156	2044.087	2054.048
10.5	2054.048	2025.160	2027.152	2047.075	2058.033
11.0	2050.064	2023.168	2027.152	2050.064	2061.021
11.5	2047.075	2021.176	2028.149	2053.052	2064.010
12.0	2044.087	2019.183	2028.149	2055.044	2067.994
12.5	2040.102	2016.195	2028.149	2058.033	2070.983
13.0	2036.118	2014.203	2029.145	2060.025	2074.967
13.5	2032.133	2011.214	2029.145	2063.014	2078.952
14.0	2028.149	2008.226	2029.145	2066.002	2082.936
14.5	2024.164	2005.237	2028.149	2067.994	2086.921
15.0	2020.179	2002.249	2028.149	2070.983	2089.909
15.5	2015.199	1999.260	2028.149	2072.975	2093.894
16.0	2011.214	1995.276	2027.152	2074.967	2097.879
16.5	2006.233	1992.287	2026.156	2076.960	2101.863
17.0	2002.249	1988.303	2025.160	2078.952	2104.852
17.5	1997.268	1984.318	2024.164	2080.944	2107.840
18.0	1992.287	1980.334	2023.168	2082.936	2110.828
18.5	1986.311	1975.353	2022.172	2084.929	2112.821
19.0	1981.330	1971.368	2020.179	2085.925	2115.809
19.5	1976.349	1966.388	2018.187	2087.917	2117.802
20.0	1970.372	1962.403	2016.195	2087.917	2119.794
20.5	1964.395	1957.422	2014.203	2088.913	2120.790
21.0	1958.419	1952.442	2012.210	2089.909	2122.782
21.5	1952.442	1948.457	2010.218	2089.909	2123.778
22.0	1946.465	1943.476	2008.226	2089.909	2124.775
22.5	1939.492	1938.496	2006.233	2089.909	2125.771
23.0	1933.515	1933.515	2004.241	2089.909	2126.767
23.5	1926.542	1927.538	2002.249	2089.909	2127.763
24.0	1919.569	1922.557	2000.257	2089.909	2127.763
24.5	1913.592	1916.580	1997.268	2089.909	2128.759
25.0	1905.623	1911.600	1995.276	2088.913	2128.759
25.5	1898.650	1905.623	1992.287	2087.917	2128.759
26.0	1891.677	1899.646	1989.299	2087.917	2127.763
26.5	1884.704	1894.665	1986.311	2085.925	2127.763

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	1876.735	1887.692	1982.326	2084.929	2126.767
27.5	1869.762	1881.715	1978.341	2082.936	2125.771
28.0	1861.793	1875.739	1974.357	2080.944	2124.775
28.5	1853.823	1868.766	1970.372	2078.952	2122.782
29.0	1845.854	1862.789	1966.388	2075.963	2120.790
29.5	1837.885	1855.816	1961.407	2072.975	2118.798
30.0	1828.920	1848.843	1956.426	2069.987	2115.809
30.5	1820.951	1841.870	1951.446	2066.998	2112.821
31.0	1812.982	1833.901	1946.465	2063.014	2109.832
31.5	1804.016	1826.928	1941.484	2060.025	2106.844
32.0	1796.047	1818.958	1935.507	2056.041	2102.859
32.5	1787.082	1810.989	1929.530	2052.056	2098.875
33.0	1777.120	1803.020	1923.553	2047.075	2094.890
33.5	1768.155	1795.051	1917.577	2043.091	2090.906
34.0	1758.194	1786.086	1911.600	2038.110	2085.925
34.5	1748.232	1777.120	1904.627	2032.133	2080.944
35.0	1738.271	1768.155	1897.654	2026.156	2075.963
35.5	1727.313	1759.190	1889.685	2020.179	2069.987
36.0	1717.352	1750.224	1882.712	2014.203	2064.010
36.5	1706.394	1740.263	1873.746	2006.233	2057.037
37.0	1694.440	1730.302	1865.777	1999.260	2050.064
37.5	1683.483	1720.340	1856.812	1990.295	2042.095
38.0	1671.529	1710.379	1847.847	1982.326	2033.129
38.5	1660.572	1699.421	1837.885	1972.365	2024.164
39.0	1648.618	1688.464	1827.924	1963.399	2014.203
39.5	1636.664	1676.510	1816.966	1952.442	2004.241
40.0	1624.710	1665.552	1807.005	1942.480	1992.287
40.5	1612.757	1653.599	1795.051	1930.526	1981.330
41.0	1599.807	1641.645	1784.093	1918.573	1969.376
41.5	1586.857	1629.691	1772.140	1906.619	1956.426
42.0	1573.907	1616.741	1760.186	1893.669	1943.476
42.5	1559.961	1603.791	1747.236	1880.719	1929.530
43.0	1547.011	1590.841	1734.286	1866.773	1915.584
43.5	1533.065	1577.892	1720.340	1852.827	1900.642
44.0	1519.119	1563.946	1706.394	1838.881	1886.696
44.5	1505.173	1550.000	1692.448	1823.939	1870.758
45.0	1490.231	1536.054	1678.502	1808.997	1855.816
45.5	1475.289	1522.108	1663.560	1793.059	1839.877
46.0	1460.347	1507.165	1648.618	1777.120	1823.939
46.5	1444.408	1492.223	1633.676	1761.182	1807.005
47.0	1429.466	1477.281	1617.737	1744.248	1790.070
47.5	1413.528	1461.343	1601.799	1727.313	1772.140
48.0	1397.590	1446.401	1585.861	1709.383	1755.205
48.5	1382.647	1430.462	1568.926	1692.448	1736.278
49.0	1365.713	1414.524	1552.988	1674.518	1718.348
49.5	1349.775	1398.586	1535.057	1655.591	1699.421
50.0	1333.836	1381.651	1518.123	1637.660	1680.494
50.5	1317.898	1365.713	1501.189	1618.734	1660.572
51.0	1300.964	1348.779	1483.258	1599.807	1640.649
51.5	1285.025	1331.844	1465.327	1580.880	1620.726
52.0	1269.087	1315.906	1447.397	1560.957	1599.807
52.5	1253.149	1298.971	1428.470	1541.034	1579.884
53.0	1236.214	1281.041	1409.543	1521.111	1558.965
53.5	1219.280	1264.106	1391.613	1501.189	1537.050
54.0	1202.345	1247.172	1372.686	1480.270	1516.131
54.5	1185.411	1229.241	1352.763	1459.351	1494.216

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55.0	1167.480	1211.311	1333.836	1438.432	1473.297
55.5	1150.546	1193.380	1313.914	1417.512	1451.381
56.0	1133.612	1176.446	1294.987	1396.593	1429.466
56.5	1115.681	1157.519	1275.064	1374.678	1406.555
57.0	1097.750	1139.588	1255.141	1352.763	1384.640
57.5	1079.820	1121.658	1234.222	1330.848	1362.725
58.0	1060.893	1102.731	1214.299	1308.933	1340.809
58.5	1042.962	1084.800	1193.380	1287.018	1317.898
59.0	1025.032	1065.874	1173.457	1264.106	1294.987
59.5	1006.105	1046.947	1152.538	1242.191	1272.076
60.0	988.175	1028.020	1131.619	1219.280	1249.164
60.5	969.547	1009.094	1110.700	1196.369	1225.257
61.0	951.317	990.067	1088.785	1173.457	1201.349
61.5	932.391	970.742	1067.866	1150.546	1177.442
62.0	913.663	951.317	1046.947	1127.635	1153.534
62.5	894.736	931.992	1025.032	1104.723	1129.627
63.0	876.108	912.567	1003.117	1080.816	1105.720
63.5	857.480	892.844	981.301	1057.905	1080.816
64.0	838.753	873.120	959.286	1033.997	1056.908
64.5	820.225	853.496	937.371	1010.090	1032.005
65.0	801.198	833.473	915.356	986.182	1007.101
65.5	782.272	813.650	893.242	962.374	982.995
66.0	763.345	793.927	871.227	938.367	958.191
66.5	744.418	774.004	849.213	914.360	933.586
67.0	725.292	754.180	826.799	890.154	908.882
67.5	706.067	734.258	804.585	866.147	884.277
68.0	686.941	714.434	782.471	841.841	859.672
68.5	667.715	694.312	760.157	817.535	834.968
69.0	648.490	674.290	738.142	793.528	810.761
69.5	628.965	654.068	715.729	769.322	786.555
70.0	609.341	633.946	693.615	745.215	761.851
70.5	589.817	613.923	671.301	721.009	737.445
71.0	570.491	593.602	648.888	697.002	712.741
71.5	550.967	573.380	626.674	672.895	688.236
72.0	531.443	553.059	604.360	648.888	663.631
72.5	511.918	532.837	582.146	624.881	639.126
73.0	492.394	512.616	559.932	600.973	614.621
73.5	472.969	492.493	537.718	577.265	590.116
74.0	453.743	472.371	515.704	553.557	565.411
74.5	434.518	452.349	493.988	530.048	541.304
75.0	415.392	432.625	472.371	506.539	517.098
75.5	396.166	412.702	450.556	483.429	493.191
76.0	377.738	392.979	429.039	460.418	469.283
76.5	359.309	373.454	407.722	437.407	445.475
77.0	340.980	354.129	386.404	414.695	422.066
77.5	322.850	335.103	365.684	392.182	399.254
78.0	304.621	316.276	344.965	369.968	376.542
78.5	286.591	297.548	324.444	348.252	354.428
79.0	268.959	279.219	304.322	326.636	332.314
79.5	251.526	260.990	284.399	305.418	310.598
80.0	234.094	243.159	264.775	284.299	289.280
80.5	217.159	225.627	245.549	263.779	268.461
81.0	200.026	208.194	226.523	243.557	247.841
81.5	183.490	191.160	207.995	223.734	227.718
82.0	167.153	174.624	189.965	204.409	208.094
82.5	151.215	158.287	172.432	185.582	188.968

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83.0	135.476	142.548	155.398	167.452	170.341
83.5	120.334	127.208	138.862	149.621	152.310
84.0	105.890	112.465	122.924	132.686	134.977
84.5	92.044	98.220	107.783	116.549	118.342
85.0	78.795	84.672	93.438	101.109	102.603
85.5	66.443	71.822	79.891	86.565	87.661
86.0	54.290	59.769	67.240	73.017	73.715
86.5	43.332	48.711	55.585	60.566	60.964
87.0	33.570	38.451	44.826	49.309	49.508
87.5	24.904	29.585	35.263	39.447	39.348
88.0	17.532	21.915	27.195	30.781	30.382
88.5	11.754	15.839	20.022	22.314	21.317
89.0	7.371	10.758	13.249	14.643	13.348
89.5	4.682	6.575	7.969	8.866	7.770
90.0	3.686	5.280	6.475	7.172	6.674
90.5	7.770	12.651	11.854	9.663	7.172
91.0	9.663	18.827	17.134	14.942	12.551
91.5	11.954	26.597	23.310	20.321	17.731
92.0	14.743	35.463	30.880	26.199	23.409
92.5	18.030	44.129	41.240	33.470	29.884
93.0	21.616	51.799	53.792	43.033	38.152
93.5	25.800	60.067	67.937	55.386	49.110
94.0	30.482	68.535	83.776	70.328	62.558
94.5	35.562	74.611	99.714	88.159	78.795
95.0	40.942	81.485	114.855	108.082	98.120
95.5	46.620	89.155	128.801	128.503	119.338
96.0	52.497	96.825	142.648	149.222	141.253
96.5	58.573	104.595	157.590	169.344	163.268
97.0	64.650	112.465	175.122	189.367	184.984
97.5	71.125	120.334	193.351	209.290	206.999
98.0	77.600	128.503	211.083	229.611	228.914
98.5	84.075	136.771	227.021	250.231	251.128
99.0	91.048	144.839	241.864	271.748	273.641
99.5	97.921	153.207	258.101	293.862	296.552
100.0	104.794	161.774	273.740	317.571	319.961
100.5	111.867	170.241	290.276	343.371	343.869
101.0	119.039	178.708	308.207	368.772	368.175
101.5	126.411	187.275	325.639	392.580	392.879
102.0	133.583	195.941	343.271	413.898	417.683
102.5	140.855	204.708	360.405	435.215	443.184
103.0	148.226	213.474	376.941	457.130	468.686
103.5	155.697	221.841	392.979	479.046	494.486
104.0	163.069	230.308	408.519	501.758	519.887
104.5	170.440	238.875	423.760	525.565	545.688
105.0	177.911	247.442	439.100	550.668	571.189
105.5	185.283	255.610	454.740	575.771	596.690
106.0	192.555	263.281	469.981	599.878	622.092
106.5	199.926	270.553	484.923	623.984	647.195
107.0	207.198	278.123	499.068	647.892	672.596
107.5	214.370	286.391	512.516	670.604	697.500
108.0	221.542	294.759	525.864	692.220	722.005
108.5	228.515	302.728	538.715	713.239	746.410
109.0	235.488	310.000	551.465	734.058	770.019
109.5	242.362	316.774	563.718	754.380	793.229
110.0	249.235	323.448	575.871	774.203	816.141
110.5	256.009	330.819	587.426	793.727	838.653

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111.0	262.683	338.689	598.384	812.554	860.867
111.5	269.258	346.359	608.743	830.883	882.284
112.0	275.733	353.731	618.306	848.615	903.203
112.5	282.108	360.504	627.172	865.649	923.724
113.0	288.384	366.780	635.340	881.786	943.149
113.5	294.460	372.359	643.210	897.426	962.374
114.0	300.537	377.339	650.581	912.268	981.202
114.5	306.513	382.021	657.554	926.414	999.132
115.0	312.291	386.803	664.029	939.662	1015.070
115.5	318.069	391.883	669.807	952.114	1031.009
116.0	323.647	397.063	674.887	963.470	1046.947
116.5	329.026	402.542	679.370	974.029	1060.893
117.0	334.306	407.821	682.757	983.493	1073.843
117.5	339.486	413.001	685.247	991.860	1085.797
118.0	344.466	417.882	687.339	999.132	1096.754
118.5	349.148	422.365	689.730	1006.105	1107.712
119.0	353.731	426.549	691.921	1012.082	1116.677
119.5	358.213	430.334	694.113	1016.067	1124.646
120.0	362.596	433.721	696.105	1020.051	1130.623
120.5	366.780	436.610	697.500	1022.043	1136.600
121.0	370.765	439.299	698.396	1024.036	1141.581
121.5	374.749	441.690	698.596	1024.036	1144.569
122.0	378.535	444.081	698.297	1024.036	1146.561
122.5	382.121	446.571	697.301	1023.040	1148.554
123.0	385.607	448.962	695.906	1021.047	1148.554
123.5	388.994	451.153	693.914	1018.059	1147.558
124.0	392.182	453.445	691.324	1014.074	1145.565
124.5	395.170	455.437	688.335	1009.094	1142.577
125.0	398.059	457.529	684.948	1003.117	1138.592
125.5	400.749	459.322	681.462	997.140	1133.612
126.0	403.339	461.015	677.677	990.466	1127.635
126.5	405.729	462.709	673.891	983.094	1120.662
127.0	408.020	464.203	669.907	975.025	1111.696
127.5	410.013	465.697	665.822	966.160	1102.731
128.0	412.005	466.893	661.639	956.896	1093.766
128.5	413.698	467.889	657.156	946.934	1082.808
129.0	415.392	468.686	652.574	936.475	1070.854
129.5	416.886	469.283	647.792	925.816	1058.901
130.0	418.281	469.582	642.911	914.460	1044.955
130.5	419.476	469.781	638.030	902.705	1032.005
131.0	420.572	469.781	632.950	890.552	1017.063
131.5	421.668	469.383	627.770	878.400	1002.121
132.0	422.365	468.885	622.490	865.948	987.378
132.5	423.062	468.287	617.310	853.396	971.838
133.0	423.560	467.490	612.031	840.745	956.198
133.5	423.959	466.693	606.851	827.795	940.360
134.0	424.258	465.797	601.472	815.144	924.521
134.5	424.457	464.801	596.092	802.493	908.284
135.0	424.556	463.805	590.713	789.643	892.246
135.5	424.357	462.609	585.334	777.092	876.208
136.0	424.158	461.414	580.154	764.441	860.070
136.5	423.859	460.119	574.875	752.188	844.331
137.0	423.361	458.824	569.695	739.836	828.393
137.5	422.763	457.429	564.515	727.783	812.455
138.0	422.166	455.835	559.335	715.829	797.313
138.5	421.369	454.242	554.155	704.074	781.674

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	420.472	452.548	549.074	692.619	766.632
139.5	419.476	450.755	544.094	681.263	751.989
140.0	418.380	448.862	539.013	670.205	737.744
140.5	417.085	446.870	534.033	659.348	723.499
141.0	415.890	444.778	529.152	648.589	709.653
141.5	414.396	442.587	524.270	638.130	696.205
142.0	413.001	440.296	519.489	627.969	683.155
142.5	411.507	437.905	514.608	618.107	670.504
143.0	409.913	435.514	509.926	608.345	658.252
143.5	408.419	433.024	505.244	598.981	646.198
144.0	406.725	430.533	500.562	589.817	634.444
144.5	405.032	427.943	495.880	580.951	623.088
145.0	403.239	425.254	491.298	572.185	612.130
145.5	401.446	422.564	486.815	563.718	601.372
146.0	399.553	419.775	482.233	555.450	591.012
146.5	397.561	417.085	477.850	547.381	580.851
147.0	395.469	414.296	473.367	539.611	571.089
147.5	393.576	411.607	468.984	531.941	561.725
148.0	391.484	408.618	464.601	524.569	552.661
148.5	389.293	405.729	460.318	517.297	543.795
149.0	387.101	402.841	456.035	510.324	535.029
149.5	384.910	399.952	451.851	503.351	526.562
150.0	382.718	397.162	447.567	496.677	518.393
150.5	380.427	394.373	443.284	490.202	510.524
151.0	378.335	391.584	439.100	483.727	502.853
151.5	376.044	388.894	434.916	477.452	495.283
152.0	373.853	386.105	430.733	471.276	488.011
152.5	371.761	383.216	426.549	465.299	480.938
153.0	369.769	380.328	422.465	459.421	474.164
153.5	367.677	377.339	418.281	453.644	467.590
154.0	365.585	374.550	414.296	447.966	461.015
154.5	363.493	371.462	410.212	442.487	454.740
155.0	361.301	368.673	406.128	437.108	448.464
155.5	359.209	365.983	402.143	431.729	442.587
156.0	356.918	363.194	398.059	426.549	436.709
156.5	354.727	360.504	394.074	421.269	430.932
157.0	352.436	357.815	389.990	416.288	425.254
157.5	350.244	355.225	385.906	411.308	419.775
158.0	348.053	352.535	382.021	406.327	414.296
158.5	345.961	349.846	377.937	401.645	409.216
159.0	343.869	347.256	374.052	396.864	403.936
159.5	341.777	344.666	370.167	392.281	398.756
160.0	339.685	342.076	366.382	387.699	393.776
160.5	337.693	339.585	362.497	383.216	388.795
161.0	335.800	337.095	358.711	378.833	384.113
161.5	333.708	334.605	354.926	374.550	379.431
162.0	331.716	332.214	351.240	369.968	374.849
162.5	329.823	329.724	347.654	365.585	370.267
163.0	327.831	327.432	344.068	361.301	365.784
163.5	326.038	325.141	340.482	357.018	361.202
164.0	324.145	322.850	336.995	352.834	356.819
164.5	322.352	320.559	333.310	348.750	352.336
165.0	320.559	318.368	329.624	344.765	348.152
165.5	318.766	316.276	326.137	340.781	343.968
166.0	317.073	314.184	323.149	336.796	339.884
166.5	315.379	312.191	320.260	333.011	335.900

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	313.785	310.199	317.471	329.225	331.915
167.5	312.191	308.207	314.682	325.540	328.229
168.0	310.697	306.314	311.992	321.954	324.444
168.5	309.103	304.422	309.402	317.969	320.858
169.0	307.510	302.529	306.912	314.682	317.172
169.5	306.015	300.736	304.621	311.793	313.188
170.0	304.621	299.042	302.330	309.004	310.199
170.5	303.127	297.449	300.238	306.314	307.510
171.0	301.832	295.855	298.046	303.724	304.820
171.5	300.636	294.360	296.154	301.333	302.330
172.0	299.341	292.966	294.261	298.943	299.939
172.5	298.345	291.571	292.468	296.851	297.648
173.0	297.150	290.376	290.874	294.759	295.456
173.5	296.154	289.181	289.181	292.767	293.265
174.0	295.157	287.985	287.786	290.974	291.272
174.5	294.261	286.989	286.391	289.280	289.280
175.0	293.464	286.092	285.096	287.587	287.288
175.5	292.767	285.296	283.901	286.092	285.495
176.0	292.069	284.499	282.805	284.598	283.801
176.5	291.472	283.801	281.809	283.303	282.208
177.0	291.073	283.204	280.913	282.208	280.614
177.5	290.575	282.706	280.215	281.112	279.319
178.0	290.276	282.307	279.618	280.315	278.422
178.5	289.977	282.008	279.119	279.618	277.824
179.0	289.778	281.709	278.721	279.119	277.426
179.5	289.679	281.610	278.522	278.821	277.227
180.0	280.514	280.514	280.514	280.514	280.514

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	771.61	N.A.	7.90
0-30	1696.6	N.A.	17.30
0-40	2884.67	N.A.	29.40
0-60	5357.48	N.A.	54.60
0-80	6754.13	N.A.	68.80
0-90	6869.82	N.A.	70.00
10-90	6675.52	N.A.	68.00
20-40	2113.07	N.A.	21.50
20-50	3402.13	N.A.	34.70
40-70	3372.12	N.A.	34.40
60-80	1396.65	N.A.	14.20
70-80	497.34	N.A.	5.10
80-90	115.69	N.A.	1.20
90-110	535.71	N.A.	5.50
90-120	1184.79	N.A.	12.10
90-130	1832.34	N.A.	18.70
90-150	2634.02	N.A.	26.80
90-180	2946.00	N.A.	30.00
110-180	2410.29	N.A.	24.60
0-180	9815.82	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

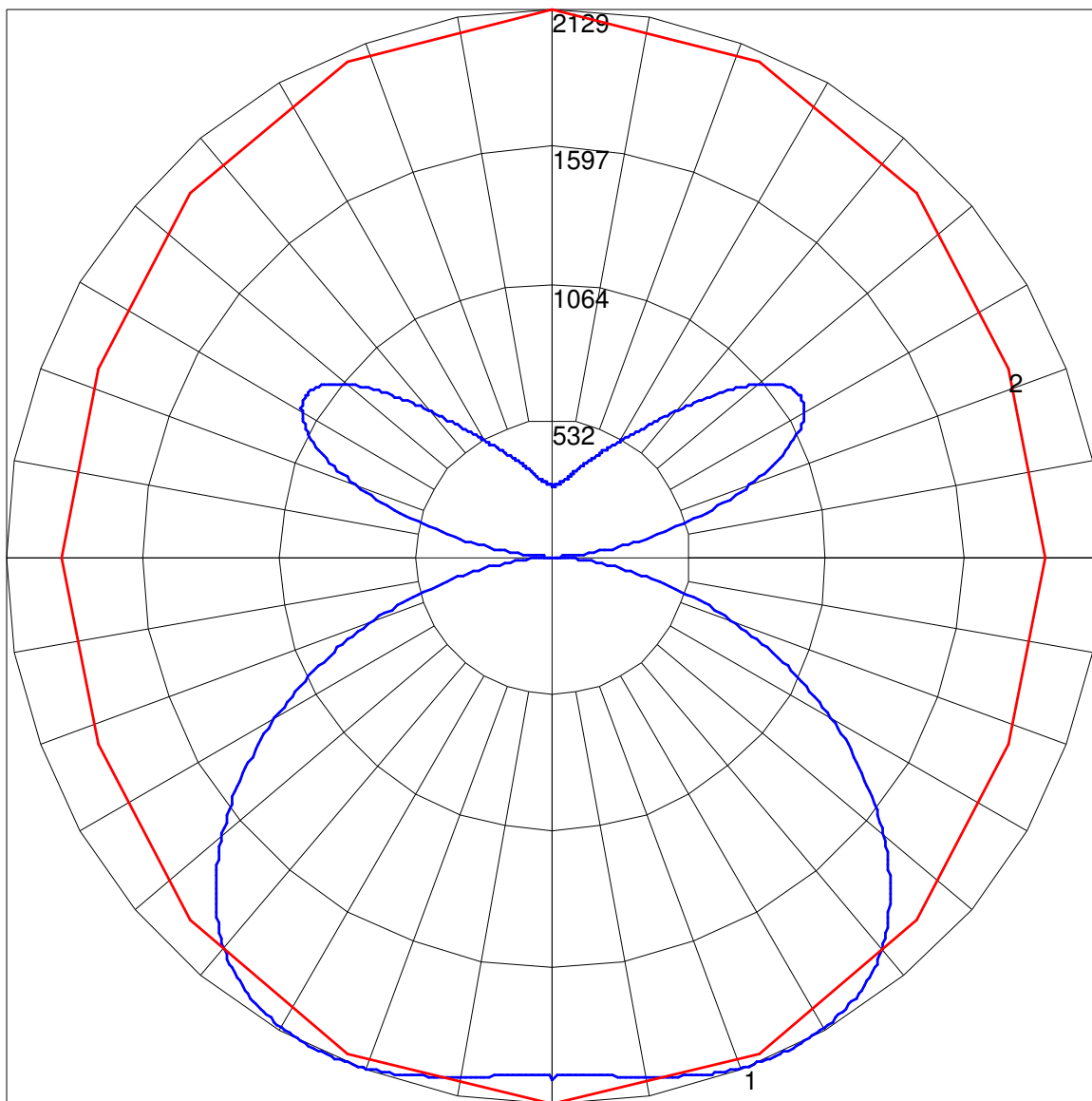
Zone	Lumens
0-10	194.30
10-20	577.31
20-30	924.99
30-40	1188.08
40-50	1289.07
50-60	1183.74
60-70	899.31
70-80	497.34
80-90	115.69
90-100	112.42
100-110	423.29
110-120	649.08
120-130	647.55
130-140	485.77
140-150	315.91
150-160	188.69
160-170	95.32
170-180	27.97

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-30U-70D-DIM-UNV_4000K.IES****COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	70
1	102	97	93	89	96	92	89	85	82	80	77	74	71	69	65	64	62	58
2	92	85	78	72	87	80	74	69	72	67	63	64	61	57	57	54	52	48
3	84	74	66	60	79	70	63	57	63	57	53	56	52	48	50	47	44	40
4	77	65	57	50	72	62	54	48	56	49	44	50	45	41	44	40	37	34
5	70	58	49	43	66	55	47	41	50	43	38	44	39	35	40	35	32	29
6	65	52	43	37	61	49	41	36	44	38	33	40	35	30	36	31	28	25
7	60	47	38	32	56	44	37	31	40	34	29	36	31	27	33	28	25	22
8	55	42	34	28	52	40	33	28	37	30	26	33	28	24	30	25	22	20
9	52	39	31	25	49	37	30	25	34	27	23	30	25	21	27	23	20	18
10	48	35	28	23	45	34	27	22	31	25	21	28	23	19	25	21	18	16

POLAR GRAPH



Maximum Candela = 2128.759 Located At Horizontal Angle = 90, Vertical Angle = 24.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (24.5) (Through Max. Cd.)