



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.04
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 4/2/2019
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
[LUMCAT] SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV-4000k
[LUMINAIRE] White formed steel housing, frost/clear lens enclosures
[LAMP] LED
[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT
[BALLAST] Universal D21CC80UNVPW-C
[OTHER] 24.6 C, 120V, 96.1 W, 0.99PF, 60 Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.
[_SEARCH_SOURCE TYPE] 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	10234
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	96.1
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.67 ft
Luminous Width (90-270)	0.31 ft
Luminous Height	0.15 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13264	12285	13006
55	13113	11230	11611
65	12293	9217	9222
75	10068	6032	5790
85	4688	1731	1583

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.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	1263.063	1263.063	1263.063	1263.063	1263.063
0.5	1262.067	1269.040	1260.075	1261.071	1262.067
1.0	1262.067	1269.040	1260.075	1261.071	1263.063
1.5	1263.063	1268.044	1260.075	1262.067	1264.059
2.0	1262.067	1269.040	1261.071	1263.063	1265.055
2.5	1262.067	1269.040	1261.071	1264.059	1266.052
3.0	1262.067	1269.040	1262.067	1265.055	1268.044
3.5	1262.067	1269.040	1263.063	1267.048	1270.036
4.0	1262.067	1269.040	1264.059	1269.040	1272.028
4.5	1262.067	1270.036	1265.055	1271.032	1275.017
5.0	1261.071	1270.036	1267.048	1274.020	1278.005
5.5	1262.067	1270.036	1268.044	1276.013	1280.993
6.0	1262.067	1270.036	1270.036	1279.001	1284.978
6.5	1262.067	1271.032	1272.028	1281.989	1288.962
7.0	1262.067	1272.028	1274.020	1284.978	1292.946
7.5	1261.071	1272.028	1276.013	1288.962	1295.935
8.0	1261.071	1273.024	1278.005	1292.946	1299.919
8.5	1260.075	1273.024	1280.993	1296.931	1304.900
9.0	1261.071	1274.020	1282.985	1300.915	1309.880
9.5	1261.071	1274.020	1285.974	1304.900	1313.865
10.0	1260.075	1274.020	1287.966	1308.884	1318.845
10.5	1259.079	1275.017	1289.958	1312.869	1323.826
11.0	1259.079	1276.013	1292.946	1317.849	1329.802
11.5	1259.079	1277.009	1294.939	1322.830	1334.783
12.0	1259.079	1277.009	1297.927	1327.810	1340.760
12.5	1259.079	1278.005	1300.915	1332.791	1345.740
13.0	1259.079	1279.001	1303.904	1337.771	1351.717
13.5	1258.083	1279.001	1306.892	1342.752	1357.693
14.0	1257.087	1279.997	1309.880	1347.732	1364.666
14.5	1256.091	1280.993	1312.869	1353.709	1370.643
15.0	1256.091	1280.993	1315.857	1358.690	1376.619
15.5	1255.094	1281.989	1319.841	1364.666	1383.592
16.0	1255.094	1282.985	1321.834	1370.643	1390.565
16.5	1254.098	1282.985	1324.822	1375.623	1396.542
17.0	1254.098	1282.985	1328.806	1381.600	1403.514
17.5	1253.102	1283.982	1331.795	1387.577	1410.487
18.0	1251.110	1284.978	1334.783	1392.557	1416.464
18.5	1251.110	1284.978	1337.771	1398.534	1423.436
19.0	1249.118	1284.978	1340.760	1403.514	1429.413
19.5	1248.122	1284.978	1343.748	1409.491	1436.386
20.0	1247.126	1284.978	1346.736	1414.471	1442.362
20.5	1245.133	1284.978	1349.725	1419.452	1448.339
21.0	1245.133	1285.974	1352.713	1424.433	1455.312
21.5	1244.137	1284.978	1355.701	1430.409	1461.289
22.0	1242.145	1284.978	1358.690	1435.390	1467.265
22.5	1241.149	1284.978	1360.682	1440.370	1473.242
23.0	1239.157	1284.978	1363.670	1446.347	1478.222
23.5	1237.165	1283.982	1365.662	1450.331	1483.203
24.0	1236.168	1282.985	1367.654	1455.312	1489.179
24.5	1234.176	1282.985	1369.647	1460.292	1494.160
25.0	1232.184	1282.985	1371.639	1464.277	1500.137
25.5	1230.192	1281.989	1373.631	1469.257	1505.117
26.0	1228.200	1280.993	1375.623	1473.242	1510.098
26.5	1226.207	1279.997	1376.619	1477.226	1514.082

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	1223.219	1279.001	1377.616	1480.215	1518.067
27.5	1221.227	1278.005	1379.608	1483.203	1522.051
28.0	1218.238	1276.013	1380.604	1487.187	1526.035
28.5	1216.246	1274.020	1381.600	1489.179	1530.020
29.0	1213.258	1273.024	1381.600	1492.168	1535.000
29.5	1209.274	1271.032	1382.596	1494.160	1536.993
30.0	1206.285	1269.040	1382.596	1496.152	1538.985
30.5	1203.297	1266.052	1382.596	1498.144	1540.977
31.0	1200.309	1264.059	1382.596	1499.141	1542.969
31.5	1196.324	1262.067	1381.600	1500.137	1545.958
32.0	1191.344	1259.079	1380.604	1501.133	1546.954
32.5	1187.359	1256.091	1379.608	1501.133	1547.950
33.0	1184.371	1253.102	1378.612	1502.129	1547.950
33.5	1180.386	1249.118	1376.619	1501.133	1548.946
34.0	1176.402	1245.133	1374.627	1501.133	1547.950
34.5	1170.425	1242.145	1372.635	1499.141	1546.954
35.0	1166.441	1238.161	1370.643	1498.144	1545.958
35.5	1161.460	1234.176	1368.651	1495.156	1543.965
36.0	1156.480	1230.192	1365.662	1494.160	1541.973
36.5	1151.499	1225.211	1361.678	1491.172	1538.985
37.0	1146.519	1221.227	1358.690	1487.187	1535.000
37.5	1141.538	1216.246	1354.705	1483.203	1532.012
38.0	1135.562	1211.266	1349.725	1479.218	1527.032
38.5	1130.581	1205.289	1345.740	1475.234	1523.047
39.0	1124.604	1200.309	1340.760	1471.250	1518.067
39.5	1116.636	1194.332	1335.779	1465.273	1513.086
40.0	1110.659	1189.351	1329.802	1460.292	1509.102
40.5	1104.682	1183.375	1323.826	1454.316	1504.121
41.0	1098.706	1176.402	1317.849	1448.339	1498.144
41.5	1092.729	1170.425	1310.876	1442.362	1492.168
42.0	1085.756	1163.453	1304.900	1436.386	1485.195
42.5	1078.784	1156.480	1297.927	1429.413	1478.222
43.0	1070.815	1148.511	1289.958	1422.440	1470.253
43.5	1062.846	1141.538	1282.985	1414.471	1463.281
44.0	1055.873	1133.569	1276.013	1407.499	1455.312
44.5	1047.904	1125.601	1268.044	1398.534	1447.343
45.0	1040.931	1117.632	1259.079	1390.565	1439.374
45.5	1032.963	1109.663	1251.110	1381.600	1429.413
46.0	1024.994	1100.698	1243.141	1371.639	1419.452
46.5	1017.025	1092.729	1234.176	1362.674	1409.491
47.0	1008.060	1083.764	1224.215	1352.713	1398.534
47.5	999.095	1073.803	1215.250	1340.760	1387.577
48.0	990.329	1064.838	1205.289	1330.799	1376.619
48.5	981.265	1055.873	1195.328	1319.841	1365.662
49.0	971.702	1046.908	1184.371	1307.888	1352.713
49.5	962.040	1036.947	1174.410	1295.935	1340.760
50.0	952.577	1026.986	1163.453	1283.982	1327.810
50.5	942.915	1017.025	1152.495	1271.032	1314.861
51.0	933.053	1007.064	1140.542	1258.083	1300.915
51.5	923.690	996.107	1128.589	1245.133	1287.966
52.0	913.529	985.548	1116.636	1231.188	1273.024
52.5	902.971	974.491	1103.686	1218.238	1259.079
53.0	892.213	963.733	1091.733	1204.293	1245.133
53.5	881.853	952.278	1078.784	1189.351	1230.192
54.0	871.195	941.221	1065.834	1175.406	1214.254
54.5	859.839	929.766	1052.885	1160.464	1199.312

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

55.0	848.384	917.813	1038.939	1145.523	1184.371
55.5	837.228	905.760	1025.990	1130.581	1168.433
56.0	826.569	893.807	1012.044	1114.643	1151.499
56.5	814.716	881.156	998.099	1098.706	1135.562
57.0	803.360	868.306	983.157	1082.768	1118.628
57.5	791.506	855.656	968.614	1066.830	1101.694
58.0	779.055	842.706	953.673	1050.893	1084.760
58.5	768.197	829.558	938.731	1033.959	1067.826
59.0	757.240	816.110	923.889	1018.021	1050.893
59.5	746.383	803.061	908.848	1001.087	1032.963
60.0	734.131	790.610	893.607	983.855	1015.033
60.5	721.580	777.561	878.168	966.124	997.103
61.0	708.830	764.014	862.429	948.692	979.671
61.5	695.880	750.168	846.591	931.260	961.442
62.0	682.632	737.418	831.450	913.729	943.413
62.5	669.583	723.472	816.110	895.799	924.686
63.0	656.235	710.224	800.671	877.968	905.660
63.5	642.788	696.079	784.434	860.138	887.133
64.0	629.141	681.636	768.098	841.810	868.705
64.5	615.494	666.794	751.562	825.175	849.779
65.0	601.848	652.051	734.928	806.846	832.048
65.5	588.002	637.309	718.691	788.319	813.321
66.0	574.256	622.567	702.753	769.891	794.395
66.5	560.310	607.625	686.417	751.463	775.071
67.0	546.564	592.584	669.483	732.736	756.045
67.5	532.817	577.543	652.350	713.710	736.621
68.0	518.872	562.302	634.918	694.585	716.599
68.5	504.628	547.062	617.785	677.452	696.677
69.0	490.483	532.120	600.453	658.327	678.647
69.5	476.438	516.880	583.220	638.903	659.223
70.0	462.393	501.540	565.789	619.479	639.102
70.5	448.148	486.000	548.257	600.055	618.781
71.0	433.804	470.461	530.427	580.631	598.660
71.5	419.461	455.022	512.596	561.207	578.638
72.0	405.316	439.681	494.965	541.782	558.417
72.5	391.071	424.242	477.334	522.259	538.396
73.0	376.628	408.902	459.703	502.835	518.474
73.5	362.184	393.363	441.973	483.411	498.352
74.0	347.840	377.923	424.341	463.986	478.131
74.5	333.696	362.483	406.810	444.762	458.109
75.0	319.451	347.044	389.278	425.437	438.387
75.5	305.307	331.704	371.946	406.511	419.062
76.0	291.062	316.363	354.714	387.685	399.638
76.5	276.918	301.123	337.581	368.858	380.214
77.0	262.873	285.982	320.647	350.231	360.989
77.5	248.827	270.941	303.813	331.704	342.063
78.0	234.882	256.099	287.078	313.475	323.237
78.5	221.235	241.357	270.642	295.445	304.709
79.0	207.688	226.813	254.306	277.515	286.381
79.5	194.340	212.470	238.169	259.884	268.152
80.0	181.192	198.126	222.231	242.552	250.222
80.5	168.043	184.180	206.593	225.419	232.691
81.0	155.193	170.334	191.252	208.684	215.458
81.5	142.543	156.887	176.012	192.249	198.624
82.0	130.291	143.639	161.369	176.311	181.989
82.5	118.337	130.689	147.025	160.672	165.852

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

83.0	106.583	118.238	132.980	145.432	150.113
83.5	95.128	106.085	119.433	130.689	134.972
84.0	84.171	94.331	106.285	116.644	120.429
84.5	73.513	82.976	93.833	103.097	106.484
85.0	63.452	72.218	81.980	90.347	93.236
85.5	53.690	61.958	70.823	78.294	80.784
86.0	44.426	52.296	60.364	67.237	69.229
86.5	35.760	43.231	50.702	56.977	58.471
87.0	27.791	35.063	41.737	47.514	48.610
87.5	20.619	27.692	33.868	38.450	38.948
88.0	14.543	21.317	26.297	29.385	29.385
88.5	9.662	15.639	19.324	22.612	22.811
89.0	5.977	11.057	14.543	18.528	18.428
89.5	3.686	8.168	12.252	15.938	15.639
90.0	2.490	7.770	11.555	15.340	14.543
90.5	5.080	8.965	8.268	6.973	6.475
91.0	8.666	16.735	14.643	12.850	12.352
91.5	13.647	27.293	24.504	20.918	20.022
92.0	19.324	38.749	38.151	31.178	29.186
92.5	24.703	48.809	54.686	45.821	42.733
93.0	31.178	57.575	72.616	64.946	61.161
93.5	40.143	67.038	91.144	86.562	82.179
94.0	50.702	77.597	108.775	108.874	104.292
94.5	61.659	89.052	125.410	130.988	127.800
95.0	72.716	101.005	142.045	153.301	152.404
95.5	83.773	113.656	159.676	176.211	177.506
96.0	95.228	126.804	178.303	199.620	203.007
96.5	106.683	140.551	197.827	223.626	229.304
97.0	118.138	154.695	218.247	249.027	255.999
97.5	129.593	169.239	239.066	274.129	283.392
98.0	141.049	184.081	260.582	300.127	311.483
98.5	152.703	199.122	281.998	326.922	340.071
99.0	164.457	214.362	304.012	354.116	369.356
99.5	176.311	229.802	326.325	381.907	398.941
100.0	188.264	245.341	349.833	411.691	428.724
100.5	200.118	261.179	371.647	442.670	458.906
101.0	212.270	277.017	394.956	471.557	489.487
101.5	224.423	293.154	419.660	498.452	520.167
102.0	236.476	308.992	441.674	525.247	551.245
102.5	248.728	324.731	464.086	554.234	582.424
103.0	261.179	341.366	488.989	584.615	613.801
103.5	273.531	357.303	514.389	615.893	645.278
104.0	286.082	372.743	536.603	645.876	676.655
104.5	298.434	388.980	557.720	674.862	707.535
105.0	310.885	405.913	580.431	702.952	738.015
105.5	323.137	421.652	605.035	730.047	767.799
106.0	335.489	436.693	630.037	755.945	796.686
106.5	347.840	452.232	653.446	782.143	827.267
107.0	359.993	468.369	674.464	809.536	857.648
107.5	372.245	485.204	694.784	837.825	887.531
108.0	384.398	500.743	715.404	864.919	917.115
108.5	396.351	515.186	735.625	891.814	946.401
109.0	408.205	529.431	755.746	919.506	975.487
109.5	419.959	543.974	776.465	947.297	1004.076
110.0	431.713	559.115	797.483	975.089	1031.967
110.5	443.168	574.654	818.401	1002.083	1059.858

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

111.0	454.523	589.894	837.825	1027.982	1087.748
111.5	465.580	604.438	855.954	1053.881	1113.647
112.0	476.537	617.785	873.685	1079.780	1140.542
112.5	487.495	630.137	891.117	1103.686	1166.441
113.0	498.452	642.588	908.350	1127.593	1191.344
113.5	509.210	655.139	925.981	1149.507	1216.246
114.0	519.669	668.089	943.612	1172.418	1240.153
114.5	530.028	680.939	961.243	1194.332	1264.059
115.0	540.189	693.888	978.575	1214.254	1286.970
115.5	550.150	706.638	995.210	1234.176	1308.884
116.0	559.812	718.691	1012.044	1254.098	1330.799
116.5	569.375	730.246	1027.982	1272.028	1352.713
117.0	579.037	740.306	1042.924	1289.958	1373.631
117.5	588.699	750.168	1056.869	1307.888	1393.553
118.0	597.863	759.930	1069.819	1324.822	1413.475
118.5	607.027	768.297	1081.772	1340.760	1432.401
119.0	615.694	777.362	1093.725	1356.697	1450.331
119.5	623.961	786.028	1104.682	1371.639	1466.269
120.0	632.030	795.092	1115.639	1386.581	1483.203
120.5	639.899	804.456	1125.601	1399.530	1498.144
121.0	647.669	813.520	1136.558	1412.479	1513.086
121.5	655.339	822.485	1146.519	1425.429	1527.032
122.0	662.909	831.151	1156.480	1437.382	1540.977
122.5	670.280	839.419	1165.445	1449.335	1552.930
123.0	677.153	847.488	1174.410	1459.296	1565.880
123.5	683.927	854.759	1183.375	1469.257	1575.841
124.0	690.402	861.832	1191.344	1479.218	1586.798
124.5	697.075	867.908	1199.312	1487.187	1595.763
125.0	703.849	873.785	1206.285	1495.156	1604.728
125.5	709.726	879.064	1213.258	1503.125	1612.697
126.0	715.503	884.144	1220.231	1509.102	1619.669
126.5	720.882	889.324	1226.207	1515.078	1625.646
127.0	726.162	894.105	1231.188	1520.059	1632.619
127.5	731.242	898.887	1236.168	1524.043	1636.603
128.0	736.123	903.070	1241.149	1529.024	1639.592
128.5	740.605	906.955	1244.137	1532.012	1643.576
129.0	745.187	910.641	1247.126	1535.000	1646.564
129.5	749.371	914.027	1249.118	1537.989	1648.557
130.0	753.355	917.514	1252.106	1538.985	1651.545
130.5	757.141	920.701	1253.102	1540.977	1653.537
131.0	760.727	923.590	1254.098	1541.973	1654.533
131.5	764.113	926.678	1255.094	1542.969	1654.533
132.0	767.201	928.571	1255.094	1542.969	1654.533
132.5	770.289	930.862	1255.094	1541.973	1652.541
133.0	773.078	932.854	1255.094	1540.977	1650.549
133.5	775.469	934.547	1254.098	1538.985	1649.553
134.0	777.959	935.842	1254.098	1536.993	1647.560
134.5	780.250	937.336	1253.102	1534.004	1644.572
135.0	782.541	938.233	1252.106	1531.016	1641.584
135.5	784.733	938.731	1250.114	1527.032	1638.595
136.0	786.327	939.030	1248.122	1523.047	1634.611
136.5	787.622	938.432	1245.133	1519.063	1628.634
137.0	788.817	938.034	1242.145	1514.082	1623.654
137.5	790.012	937.237	1239.157	1509.102	1616.681
138.0	790.909	936.340	1236.168	1503.125	1610.705
138.5	791.706	935.444	1232.184	1497.148	1604.728

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	792.403	933.850	1229.196	1491.172	1597.755
139.5	792.801	932.057	1225.211	1484.199	1590.782
140.0	793.100	930.662	1220.231	1478.222	1582.814
140.5	793.100	929.268	1215.250	1470.253	1573.849
141.0	792.901	927.375	1211.266	1463.281	1565.880
141.5	792.502	925.283	1206.285	1455.312	1555.919
142.0	792.004	923.391	1201.305	1448.339	1545.958
142.5	791.606	920.701	1196.324	1440.370	1535.997
143.0	791.108	918.410	1190.347	1432.401	1525.039
143.5	790.211	915.522	1184.371	1422.440	1515.078
144.0	789.116	912.135	1178.394	1413.475	1505.117
144.5	788.020	909.346	1171.421	1404.510	1494.160
145.0	786.924	906.258	1164.449	1394.549	1483.203
145.5	785.829	903.469	1158.472	1385.584	1472.246
146.0	784.434	899.584	1151.499	1374.627	1460.292
146.5	782.741	896.197	1143.530	1363.670	1448.339
147.0	780.948	892.810	1136.558	1353.709	1436.386
147.5	778.955	889.025	1128.589	1342.752	1424.433
148.0	777.063	884.443	1120.620	1331.795	1411.483
148.5	775.170	880.259	1112.651	1319.841	1399.530
149.0	773.278	876.574	1104.682	1307.888	1386.581
149.5	771.186	872.291	1095.717	1295.935	1373.631
150.0	768.596	867.808	1087.748	1283.982	1360.682
150.5	766.106	863.624	1078.784	1272.028	1346.736
151.0	763.317	859.142	1069.819	1260.075	1332.791
151.5	760.627	855.058	1060.854	1247.126	1318.845
152.0	758.037	850.675	1051.889	1234.176	1305.896
152.5	755.447	845.894	1041.928	1221.227	1291.950
153.0	752.857	840.814	1032.963	1208.277	1278.005
153.5	750.467	836.032	1023.002	1194.332	1263.063
154.0	747.678	831.151	1013.040	1180.386	1247.126
154.5	744.789	825.972	1003.079	1166.441	1232.184
155.0	741.900	820.692	992.919	1152.495	1216.246
155.5	738.812	815.313	982.759	1138.550	1201.305
156.0	735.724	809.536	972.698	1124.604	1185.367
156.5	732.338	804.456	962.837	1109.663	1170.425
157.0	729.250	798.778	952.676	1095.717	1155.484
157.5	726.162	793.200	942.118	1081.772	1140.542
158.0	723.373	787.622	931.459	1066.830	1123.608
158.5	720.384	781.844	921.100	1051.889	1107.671
159.0	717.595	776.565	910.740	1036.947	1091.733
159.5	714.707	771.684	900.182	1023.002	1075.795
160.0	711.718	766.504	889.523	1008.060	1058.861
160.5	708.630	761.623	878.965	993.716	1041.928
161.0	705.642	756.344	868.306	979.073	1026.986
161.5	702.654	752.658	857.947	964.630	1010.052
162.0	699.865	747.578	847.687	950.286	993.118
162.5	696.976	742.299	837.527	935.942	976.882
163.0	694.286	737.219	827.267	921.897	960.845
163.5	691.597	732.238	817.405	907.453	944.907
164.0	688.808	727.058	807.643	893.308	929.069
164.5	686.118	722.177	798.280	879.463	913.430
165.0	683.230	717.296	789.215	866.314	897.990
165.5	680.739	712.615	780.051	852.867	882.351
166.0	678.647	708.132	771.883	839.419	867.011
166.5	676.157	703.749	764.014	826.968	852.269

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	673.567	699.566	755.945	814.516	838.124
167.5	671.276	695.581	749.172	802.264	824.577
168.0	669.184	691.696	741.203	790.510	810.731
168.5	667.292	688.011	733.533	779.155	798.380
169.0	665.399	684.425	726.361	769.592	785.928
169.5	663.507	680.939	719.289	759.133	773.477
170.0	661.415	677.552	712.416	750.168	763.217
170.5	659.622	674.265	705.742	740.506	754.352
171.0	658.028	671.177	699.466	731.142	743.594
171.5	656.434	668.388	693.489	722.277	733.832
172.0	655.040	665.698	687.911	713.810	724.269
172.5	653.546	663.108	682.433	705.742	715.005
173.0	652.251	660.518	677.153	697.972	706.339
173.5	651.055	658.028	672.173	690.501	697.972
174.0	649.760	655.936	667.391	683.528	689.903
174.5	648.565	654.044	663.108	676.954	682.233
175.0	647.669	652.251	659.124	671.077	675.360
175.5	646.872	650.458	655.538	665.698	668.985
176.0	646.075	648.864	652.251	660.817	663.407
176.5	645.477	647.370	649.561	656.534	658.427
177.0	644.879	646.075	647.071	652.948	654.243
177.5	644.481	644.979	644.879	649.860	650.657
178.0	643.983	644.083	643.286	647.171	647.569
178.5	643.485	643.385	641.891	644.979	645.079
179.0	643.086	642.987	640.795	643.385	643.086
179.5	642.588	642.688	639.999	642.489	641.891
180.0	641.592	641.592	641.592	641.592	641.592

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	496.56	N.A.	4.90
0-30	1130.63	N.A.	11.00
0-40	1984.72	N.A.	19.40
0-60	3866.9	N.A.	37.80
0-80	4992.93	N.A.	48.80
0-90	5092.67	N.A.	49.80
10-90	4970.77	N.A.	48.60
20-40	1488.16	N.A.	14.50
20-50	2452.11	N.A.	24.00
40-70	2600.56	N.A.	25.40
60-80	1126.04	N.A.	11.00
70-80	407.65	N.A.	4.00
80-90	99.73	N.A.	1.00
90-110	731.78	N.A.	7.20
90-120	1665.33	N.A.	16.30
90-130	2717.43	N.A.	26.60
90-150	4390.33	N.A.	42.90
90-180	5141.52	N.A.	50.20
110-180	4409.74	N.A.	43.10
0-180	10234.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	121.90
10-20	374.67
20-30	634.07
30-40	854.09
40-50	963.95
50-60	918.22
60-70	718.39
70-80	407.65
80-90	99.73
90-100	150.77
100-110	581.01
110-120	933.55
120-130	1052.1
130-140	950.75
140-150	722.15
150-160	458.59
160-170	227.81
170-180	64.79

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

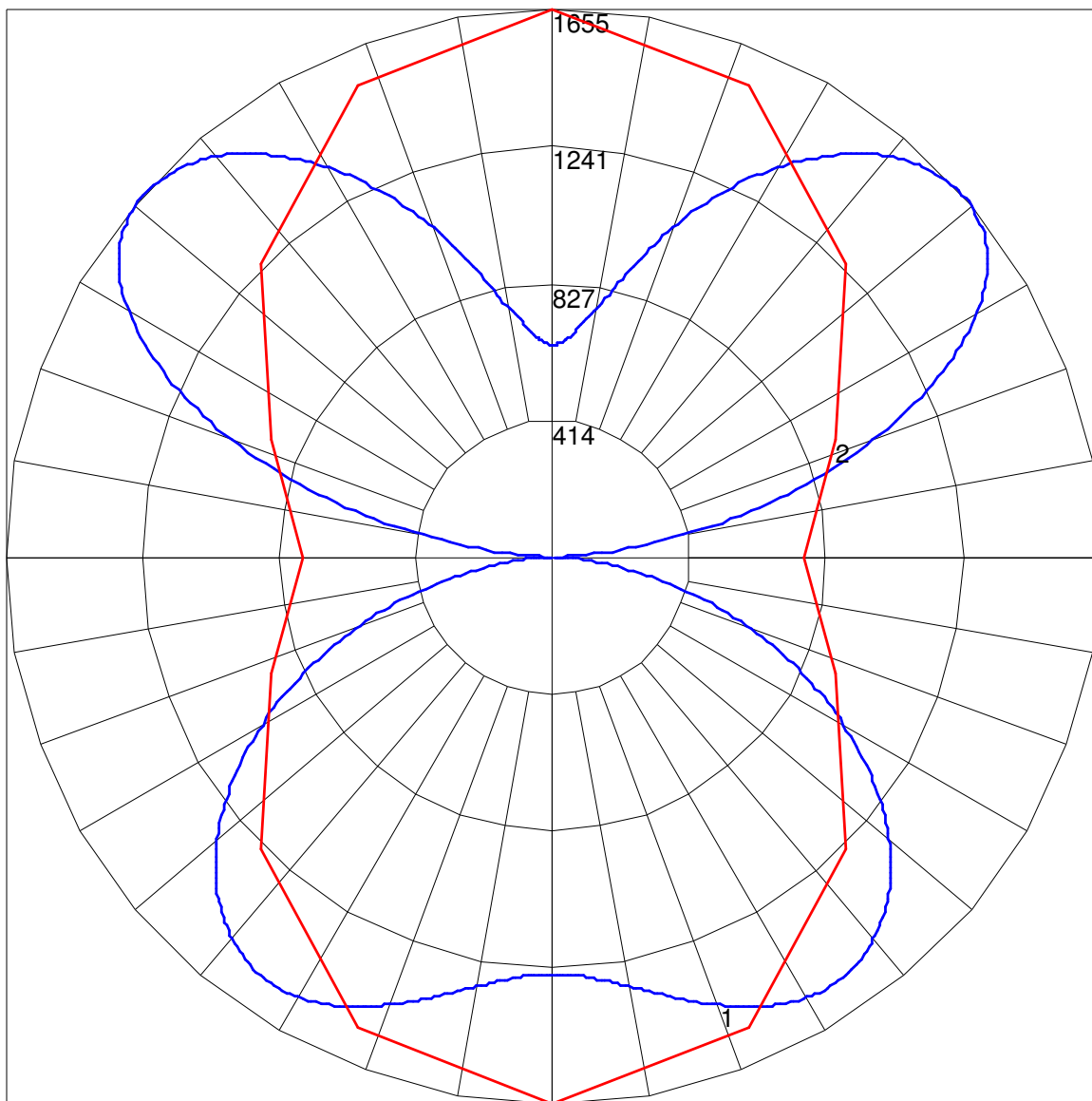
Effective Floor Cavity Reflectance 0.20

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	97	93	89	85	90	86	82	79	72	70	67	60	58	57	49	47	46	41
2	88	80	74	69	81	74	69	64	63	59	55	52	49	46	42	40	38	34
3	80	70	63	56	73	65	58	53	55	50	46	46	42	39	37	34	32	28
4	73	62	53	47	67	57	50	44	48	43	38	40	36	33	33	29	27	23
5	67	55	46	40	61	51	43	38	43	37	33	36	31	28	29	26	23	20
6	61	49	40	34	56	45	38	32	38	32	28	32	27	24	26	23	20	17
7	56	44	36	30	52	41	33	28	35	29	24	29	24	21	24	20	17	15
8	52	40	32	26	48	37	30	25	31	26	21	26	22	18	22	18	15	13
9	49	36	28	23	45	33	26	22	29	23	19	24	20	16	20	16	14	12
10	45	33	25	21	42	31	24	19	26	21	17	22	18	15	18	15	12	10

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-50U-50D-DIM-UNV_4000K.IES

POLAR GRAPH



Maximum Candela = 1654.533 Located At Horizontal Angle = 90, Vertical Angle = 131

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (131) (Through Max. Cd.)