

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P998955

Luminaire Tested: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998955
REPORT IS A COMBINATION OF REPORTS P984701 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

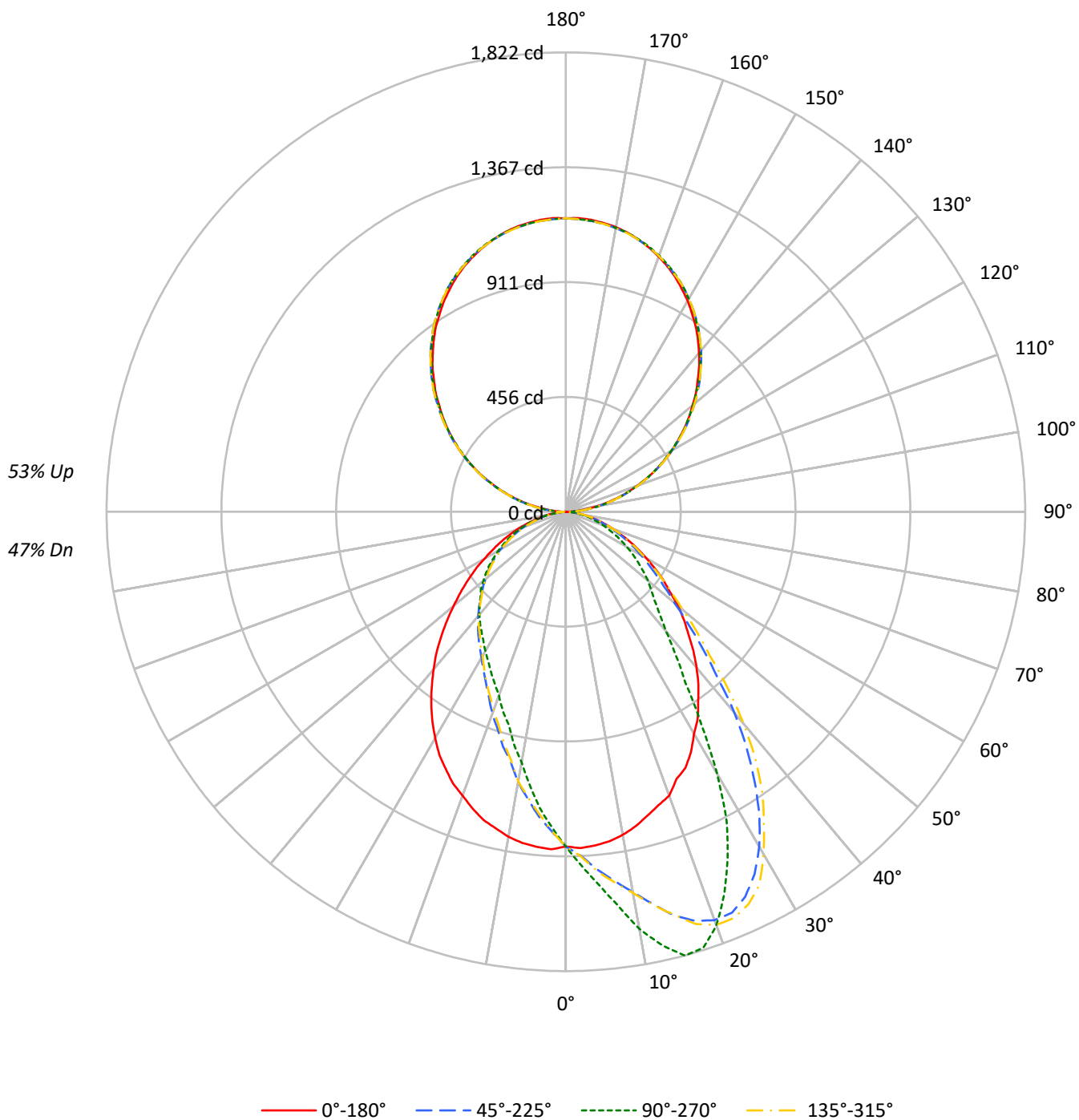
Lumens per Lamp: N/A
Luminaire Lumens: 6187.0 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47
1	98	94	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	82	76	71	82	76	71	67	64	60	57	53	50	48	43	41	40	35	35	35
3	82	73	66	60	75	67	61	56	57	52	49	47	44	41	38	36	34	30	30	30
4	75	65	57	51	69	60	53	48	51	46	42	42	39	36	35	32	30	26	26	26
5	69	58	50	44	63	54	47	41	46	40	36	38	34	31	31	29	26	23	23	23
6	64	52	44	38	58	48	41	36	41	36	32	35	31	28	29	26	23	21	21	21
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	26	23	21	18	18	18
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19	17	17	17
9	51	39	32	27	47	37	30	26	32	26	23	27	23	20	23	19	17	15	15	15
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21015	21015	21015	21015
5°	21065	22407	21146	17826
10°	20820	24460	20951	14697
15°	20316	25800	20597	12380
20°	19999	24224	19999	10760
25°	19360	20811	19448	9622
30°	18312	16359	18661	8716
35°	17383	11312	17674	7975
40°	16315	8542	16501	7384
45°	14998	7019	15244	6746
50°	13860	6160	13884	6174
55°	12561	5249	12644	5555
60°	11179	4385	11334	4849
65°	9940	3566	10121	4141
70°	8705	2799	8926	3340
75°	7306	2031	7591	2421
80°	5700	1287	6108	1438
85°	3743	649	4040	480

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21722 cd/sqm

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	2.0
10°-20°	368.0	5.9
20°-30°	534.1	8.6
30°-40°	563.1	9.1
40°-50°	498.3	8.1
50°-60°	397.9	6.4
60°-70°	270.2	4.4
70°-80°	138.3	2.2
80°-90°	36.0	0.6
90°-100°	72.0	1.2
100°-110°	228.9	3.7
110°-120°	391.7	6.3
120°-130°	515.2	8.3
130°-140°	578.3	9.3
140°-150°	567.1	9.2
150°-160°	475.7	7.7
160°-170°	315.5	5.1
170°-180°	110.3	1.8
0°-30°	1028.6	16.6
0°-40°	1591.7	25.7
0°-60°	2487.8	40.2
0°-90°	2932.3	47.4
90°-120°	692.7	11.2
90°-150°	2353.2	38.0
90°-180°	3255.0	52.6
0°-180°	6187.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1328	1328	1328	1328	1328	
5°	1329	1483	1334	1180	1329	126
15°	1248	1822	1265	874	1248	352
25°	1121	1518	1126	702	1121	513
35°	915	826	931	583	915	573
45°	687	498	698	479	687	533
55°	471	350	474	370	471	421
65°	280	215	285	250	280	278
75°	131	106	136	126	131	140
85°	26	28	29	20	26	31
90°	1	33	1	33	1	5
95°	51	61	51	61	51	57
105°	211	218	211	218	211	223
115°	393	393	393	393	393	389
125°	572	574	572	574	572	511
135°	740	749	740	749	740	572
145°	898	908	898	908	898	561
155°	1027	1034	1027	1034	1027	473
165°	1117	1118	1117	1118	1117	315
175°	1162	1158	1162	1158	1162	110
180°	1164	1164	1164	1164	1164	

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1334.7	1337.8	1342.9	1343.9	1354.1	1362.3	1371.4	1371.4	1374.5	1373.5	1365.3
5°	1328.6	1337.8	1351.0	1362.3	1380.6	1388.8	1401.0	1410.2	1418.4	1424.5	1423.5
7.5°	1318.4	1334.7	1354.1	1375.5	1400.0	1414.3	1431.6	1448.0	1459.2	1469.4	1476.5
10°	1301.0	1328.6	1355.1	1383.7	1415.3	1434.7	1455.1	1476.5	1493.9	1513.3	1531.6
12.5°	1277.6	1317.4	1350.0	1387.8	1426.5	1448.0	1480.6	1496.9	1530.6	1579.6	1592.9
15°	1248.0	1302.0	1332.7	1380.6	1431.6	1449.0	1493.9	1520.4	1589.8	1620.4	1657.2
17.5°	1220.4	1280.6	1321.4	1376.5	1426.5	1460.2	1504.1	1558.2	1616.3	1660.2	1701.0
20°	1198.0	1256.1	1305.1	1366.3	1429.6	1472.5	1518.4	1583.7	1646.9	1691.8	1723.5
22.5°	1146.9	1221.4	1278.6	1346.9	1423.5	1482.7	1526.5	1598.0	1666.3	1693.9	1721.4
25°	1121.4	1185.7	1252.0	1329.6	1419.4	1489.8	1527.6	1607.2	1667.4	1677.6	1683.7
27.5°	1074.5	1146.9	1224.5	1313.3	1418.4	1477.6	1525.5	1598.0	1645.9	1638.8	1620.4
30°	1016.3	1105.1	1190.8	1286.7	1404.1	1468.4	1513.3	1579.6	1604.1	1567.4	1534.7
32.5°	973.5	1057.1	1152.0	1263.3	1387.8	1449.0	1492.9	1544.9	1550.0	1483.7	1428.6
35°	915.3	1008.2	1115.3	1232.7	1360.2	1415.3	1456.1	1487.8	1463.3	1370.4	1305.1
37.5°	863.3	955.1	1069.4	1188.8	1322.5	1376.5	1409.2	1414.3	1354.1	1272.5	1176.5
40°	806.1	901.0	1020.4	1145.9	1280.6	1327.6	1348.0	1332.7	1245.9	1151.0	1039.8
42.5°	749.0	842.9	971.4	1100.0	1227.6	1267.4	1275.5	1233.7	1127.6	1016.3	887.8
45°	686.7	784.7	913.3	1042.9	1166.3	1188.8	1189.8	1129.6	1004.1	887.8	768.4
47.5°	635.7	726.5	854.1	983.7	1087.8	1103.1	1096.9	1027.6	890.8	760.2	656.1
50°	579.6	666.3	792.9	920.4	1009.2	1013.3	998.0	899.0	765.3	645.9	563.3
52.5°	519.4	607.1	723.5	845.9	925.5	919.4	889.8	783.7	658.2	559.2	495.9
55°	471.4	549.0	658.2	777.6	833.7	816.3	783.7	675.5	576.5	492.9	437.8
57.5°	418.4	486.7	593.9	698.0	730.6	714.3	681.6	580.6	488.8	425.5	388.8
60°	368.4	430.6	524.5	611.2	636.7	619.4	581.6	490.8	424.5	371.4	343.9
62.5°	322.5	376.5	455.1	534.7	544.9	527.6	494.9	421.4	364.3	322.5	302.0
65°	279.6	330.6	393.9	454.1	463.3	444.9	411.2	358.2	310.2	283.7	264.3
67.5°	237.8	278.6	334.7	378.6	383.7	366.3	338.8	295.9	266.3	237.8	223.5
70°	201.0	231.6	275.5	311.2	313.3	296.9	282.7	243.9	221.4	201.0	189.8
72.5°	165.3	186.7	220.4	246.9	248.0	237.8	224.5	200.0	180.6	166.3	155.1
75°	130.6	149.0	169.4	192.9	191.8	183.7	173.5	158.2	141.8	132.7	127.6
77.5°	100.0	111.2	127.6	142.9	142.9	138.8	132.7	121.4	111.2	102.0	96.9
80°	71.4	78.6	91.8	96.9	99.0	98.0	92.9	84.7	80.6	73.5	71.4
82.5°	45.9	51.0	57.1	62.2	65.3	63.3	62.2	58.2	52.0	50.0	48.0
85°	26.5	28.6	31.6	34.7	35.7	34.7	36.7	33.7	30.6	30.6	29.6
87.5°	11.2	12.2	14.3	14.3	15.3	15.3	14.3	15.3	15.3	14.3	13.3
90°	1.0	3.6	6.2	8.9	11.5	12.8	15.2	20.0	24.8	29.6	34.4
92.5°	21.6	23.4	25.1	26.9	28.6	29.5	29.6	29.8	30.1	30.3	30.5
95°	51.1	53.3	55.5	57.6	59.8	60.9	61.1	61.6	62.0	62.5	62.9
97.5°	85.5	87.5	89.4	91.4	93.3	94.3	94.7	95.6	96.5	97.3	98.2
100°	124.8	126.5	128.3	130.0	131.7	132.6	132.9	133.6	134.3	134.9	135.6
102.5°	166.0	167.3	168.6	169.9	171.2	171.9	172.3	173.2	174.1	174.9	175.8
105°	211.2	211.9	212.5	213.2	213.9	214.2	214.4	214.8	215.3	215.7	216.1
107.5°	256.4	257.3	258.1	259.0	259.9	260.3	260.3	260.3	260.3	260.3	260.3
110°	299.6	300.9	302.2	303.5	304.8	305.5	305.5	305.5	305.5	305.5	305.5

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	346.8	348.1	349.4	350.7	352.0	352.7	352.6	352.4	352.1	351.9	351.7
115°	393.0	394.3	395.6	396.9	398.2	398.8	398.6	398.2	397.7	397.3	396.9
117.5°	439.1	440.9	442.6	444.4	446.1	447.0	446.5	445.4	444.3	443.2	442.1
120°	485.3	487.1	488.8	490.6	492.3	493.2	492.3	490.6	488.8	487.1	485.3
122.5°	527.5	529.7	531.9	534.1	536.3	537.4	536.9	535.8	534.7	533.6	532.5
125°	571.7	573.7	575.7	577.6	579.6	580.6	580.3	579.6	578.9	578.3	577.6
127.5°	615.0	617.4	619.8	622.2	624.6	625.8	625.4	624.5	623.6	622.8	621.9
130°	655.3	658.1	660.9	663.8	666.6	668.0	667.8	667.4	666.9	666.5	666.1
132.5°	700.4	702.6	704.8	707.0	709.2	710.3	710.4	710.6	710.8	711.0	711.2
135°	739.7	742.1	744.5	746.9	749.3	750.5	750.7	751.2	751.6	752.1	752.5
137.5°	783.0	785.0	786.9	788.9	790.8	791.8	792.0	792.5	792.9	793.4	793.8
140°	821.3	823.3	825.2	827.2	829.1	830.1	830.6	831.7	832.8	833.9	835.0
142.5°	860.6	862.6	864.5	866.5	868.4	869.4	869.7	870.4	871.1	871.7	872.4
145°	897.9	899.4	901.0	902.5	904.0	904.8	905.5	906.8	908.1	909.4	910.7
147.5°	931.3	933.3	935.2	937.2	939.1	940.1	940.5	941.4	942.3	943.2	944.1
150°	965.7	967.0	968.3	969.6	970.9	971.6	972.0	972.9	973.8	974.6	975.5
152.5°	996.1	997.4	998.7	1000.0	1001.3	1002.0	1002.5	1003.6	1004.7	1005.8	1006.9
155°	1026.6	1027.2	1027.9	1028.5	1029.2	1029.5	1029.8	1030.5	1031.2	1031.8	1032.5
157.5°	1053.1	1053.5	1054.0	1054.4	1054.9	1055.1	1055.3	1055.7	1056.2	1056.6	1057.0
160°	1076.7	1077.1	1077.6	1078.0	1078.5	1078.7	1078.8	1079.0	1079.2	1079.4	1079.6
162.5°	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.4	1098.6	1098.9	1099.1	1099.3
165°	1117.0	1116.8	1116.6	1116.3	1116.1	1116.0	1116.0	1116.0	1116.0	1116.0	1116.0
167.5°	1133.7	1133.0	1132.4	1131.7	1131.0	1130.7	1130.7	1130.7	1130.7	1130.7	1130.7
170°	1146.4	1145.8	1145.1	1144.5	1143.8	1143.5	1143.4	1143.2	1142.9	1142.7	1142.5
172.5°	1155.3	1154.6	1154.0	1153.3	1152.6	1152.3	1152.2	1152.0	1151.8	1151.6	1151.4
175°	1162.2	1161.5	1160.9	1160.2	1159.5	1159.2	1159.0	1158.6	1158.1	1157.7	1157.3
177.5°	1166.1	1165.4	1164.8	1164.1	1163.4	1163.1	1162.9	1162.5	1162.0	1161.6	1161.2
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1379.6	1380.6	1382.7	1392.9	1398.0	1399.0	1394.9	1404.1	1407.2	1404.1	1402.0
5°	1444.9	1451.0	1463.3	1476.5	1475.5	1476.5	1482.7	1488.8	1490.8	1482.7	1485.7
7.5°	1502.1	1514.3	1527.6	1548.0	1548.0	1558.2	1562.3	1567.4	1579.6	1573.5	1571.4
10°	1567.4	1583.7	1608.2	1640.8	1641.8	1652.1	1662.3	1678.6	1683.7	1679.6	1681.6
12.5°	1649.0	1680.6	1682.7	1718.4	1734.7	1736.7	1753.1	1750.0	1760.2	1760.2	1777.6
15°	1684.7	1733.7	1761.2	1795.9	1806.1	1793.9	1807.2	1821.4	1822.5	1822.5	1821.4
17.5°	1749.0	1768.4	1795.9	1814.3	1818.4	1818.4	1819.4	1825.5	1821.4	1813.3	1819.4
20°	1762.3	1770.4	1780.6	1778.6	1780.6	1770.4	1760.2	1750.0	1751.0	1745.9	1761.2
22.5°	1737.8	1735.7	1712.3	1696.9	1696.9	1676.5	1657.2	1648.0	1638.8	1641.8	1646.9
25°	1676.5	1644.9	1616.3	1593.9	1588.8	1556.1	1529.6	1521.4	1506.1	1518.4	1520.4
27.5°	1578.6	1542.9	1496.9	1477.6	1451.0	1437.8	1419.4	1394.9	1363.3	1381.6	1378.6
30°	1473.5	1420.4	1382.7	1335.7	1293.9	1290.8	1256.1	1215.3	1199.0	1199.0	1208.2
32.5°	1356.1	1285.7	1230.6	1164.3	1123.5	1106.1	1064.3	1023.5	1032.7	1002.0	1013.3
35°	1219.4	1126.5	1057.1	992.9	962.3	941.8	887.8	865.3	840.8	826.5	853.1
37.5°	1088.8	981.6	892.9	822.5	811.2	774.5	737.8	723.5	709.2	715.3	714.3
40°	929.6	834.7	755.1	700.0	680.6	663.3	638.8	621.4	612.2	617.4	618.4
42.5°	785.7	706.1	646.9	608.2	591.8	579.6	567.4	553.1	550.0	550.0	554.1
45°	674.5	609.2	569.4	537.8	528.6	519.4	510.2	504.1	502.0	498.0	501.0
47.5°	585.7	533.7	509.2	485.7	475.5	473.5	465.3	462.2	458.2	457.1	458.2
50°	511.2	478.6	456.1	442.9	435.7	432.7	428.6	422.5	420.4	425.5	423.5
52.5°	459.2	428.6	416.3	403.1	399.0	394.9	388.8	389.8	388.8	386.7	386.7
55°	407.1	387.8	375.5	365.3	364.3	360.2	355.1	353.1	352.0	350.0	353.1
57.5°	365.3	350.0	338.8	329.6	325.5	325.5	320.4	316.3	316.3	315.3	316.3
60°	323.5	308.2	301.0	291.8	288.8	287.8	284.7	282.7	279.6	279.6	279.6
62.5°	284.7	272.5	264.3	256.1	257.1	252.0	248.0	245.9	245.9	246.9	246.9
65°	248.0	239.8	229.6	222.5	220.4	219.4	217.3	216.3	213.3	215.3	215.3
67.5°	214.3	203.1	196.9	193.9	190.8	189.8	187.8	185.7	184.7	183.7	185.7
70°	180.6	171.4	166.3	164.3	161.2	160.2	159.2	156.1	157.1	158.2	159.2
72.5°	150.0	141.8	140.8	134.7	134.7	134.7	130.6	132.7	131.6	129.6	131.6
75°	118.4	114.3	112.2	109.2	110.2	109.2	108.2	105.1	105.1	106.1	107.1
77.5°	93.9	89.8	88.8	85.7	83.7	85.7	83.7	82.7	82.7	83.7	83.7
80°	69.4	67.3	64.3	64.3	64.3	63.3	63.3	63.3	62.2	61.2	62.2
82.5°	45.9	45.9	44.9	43.9	44.9	42.9	43.9	43.9	43.9	43.9	43.9
85°	29.6	28.6	28.6	27.6	27.6	27.6	28.6	26.5	26.5	27.6	27.6
87.5°	13.3	13.3	13.3	14.3	13.3	13.3	13.3	14.3	13.3	13.3	13.3
90°	34.0	33.5	33.1	32.6	32.4	32.5	32.7	33.0	33.2	33.4	33.2
92.5°	30.7	30.9	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
95°	62.9	62.9	62.9	62.9	62.9	62.7	62.2	61.8	61.3	60.9	61.3
97.5°	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
100°	135.6	135.6	135.6	135.6	135.6	135.5	135.3	135.0	134.8	134.6	134.8
102.5°	176.0	176.2	176.5	176.7	176.8	176.7	176.5	176.2	176.0	175.8	176.0
105°	216.5	217.0	217.4	217.9	218.1	218.1	218.1	218.1	218.1	218.1	218.1
107.5°	260.5	260.7	261.0	261.2	261.3	260.8	259.7	258.6	257.5	256.4	257.5
110°	305.5	305.5	305.5	305.5	305.5	305.2	304.5	303.9	303.2	302.6	303.2

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	351.0	350.4	349.7	349.0	348.7	348.5	348.1	347.6	347.2	346.8	347.2
115°	396.7	396.5	396.2	396.0	395.9	395.6	394.9	394.3	393.6	393.0	393.6
117.5°	441.4	440.8	440.1	439.4	439.1	438.8	438.1	437.5	436.8	436.2	436.8
120°	485.3	485.3	485.3	485.3	485.3	485.0	484.3	483.7	483.0	482.4	483.0
122.5°	531.8	531.2	530.5	529.8	529.5	529.3	528.8	528.4	527.9	527.5	527.9
125°	577.0	576.3	575.7	575.0	574.7	574.6	574.4	574.1	573.9	573.7	573.9
127.5°	621.0	620.1	619.2	618.3	617.9	617.6	616.9	616.3	615.6	615.0	615.6
130°	665.7	665.2	664.8	664.3	664.1	663.7	662.8	661.9	661.1	660.2	661.1
132.5°	710.1	709.0	707.9	706.8	706.3	706.0	705.3	704.7	704.0	703.4	704.0
135°	752.3	752.1	751.8	751.6	751.5	751.2	750.5	749.9	749.2	748.6	749.2
137.5°	793.6	793.4	793.1	792.9	792.8	792.4	791.5	790.6	789.8	788.9	789.8
140°	835.0	835.0	835.0	835.0	835.0	834.6	833.7	832.8	832.0	831.1	832.0
142.5°	872.6	872.8	873.0	873.2	873.3	872.9	872.0	871.1	870.3	869.4	870.3
145°	910.9	911.1	911.4	911.6	911.7	911.3	910.4	909.5	908.6	907.7	908.6
147.5°	944.5	944.9	945.4	945.8	946.0	945.6	944.7	943.8	943.0	942.1	943.0
150°	976.2	976.8	977.5	978.2	978.5	978.2	977.5	976.8	976.2	975.5	976.2
152.5°	1007.8	1008.7	1009.6	1010.5	1010.9	1010.5	1009.6	1008.7	1007.8	1006.9	1007.8
155°	1033.6	1034.7	1035.8	1036.9	1037.4	1037.1	1036.4	1035.8	1035.1	1034.5	1035.1
157.5°	1058.5	1060.1	1061.6	1063.1	1063.9	1063.4	1062.3	1061.2	1060.1	1059.0	1060.1
160°	1080.9	1082.2	1083.5	1084.8	1085.5	1085.1	1084.2	1083.3	1082.5	1081.6	1082.5
162.5°	1100.8	1102.4	1103.9	1105.4	1106.2	1105.7	1104.6	1103.5	1102.4	1101.3	1102.4
165°	1117.5	1119.1	1120.6	1122.1	1122.9	1122.4	1121.3	1120.2	1119.1	1118.0	1119.1
167.5°	1132.2	1133.8	1135.3	1136.8	1137.6	1137.1	1136.0	1134.9	1133.8	1132.7	1133.8
170°	1144.0	1145.6	1147.1	1148.6	1149.4	1148.7	1147.4	1146.1	1144.8	1143.5	1144.8
172.5°	1152.9	1154.4	1155.9	1157.4	1158.2	1157.5	1156.2	1154.9	1153.6	1152.3	1153.6
175°	1158.8	1160.3	1161.8	1163.3	1164.1	1163.4	1162.1	1160.8	1159.5	1158.2	1159.5
177.5°	1162.5	1163.8	1165.1	1166.4	1167.1	1166.4	1165.1	1163.8	1162.5	1161.2	1162.5
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1407.2	1400.0	1393.9	1394.9	1400.0	1395.9	1385.7	1372.5	1367.4	1361.2	1367.4
5°	1491.8	1485.7	1473.5	1474.5	1471.4	1467.4	1451.0	1430.6	1430.6	1414.3	1412.3
7.5°	1575.5	1566.3	1558.2	1556.1	1544.9	1536.7	1522.5	1493.9	1482.7	1463.3	1452.0
10°	1669.4	1662.3	1653.1	1641.8	1635.7	1621.4	1598.0	1556.1	1535.7	1509.2	1489.8
12.5°	1764.3	1763.3	1742.9	1720.4	1719.4	1696.9	1680.6	1624.5	1596.9	1561.2	1515.3
15°	1824.5	1819.4	1808.2	1796.9	1800.0	1775.5	1738.8	1672.5	1654.1	1611.2	1562.3
17.5°	1823.5	1823.5	1820.4	1818.4	1815.3	1808.2	1787.8	1743.9	1714.3	1660.2	1614.3
20°	1765.3	1778.6	1781.6	1780.6	1790.8	1795.9	1794.9	1767.4	1743.9	1695.9	1649.0
22.5°	1649.0	1679.6	1692.9	1701.0	1722.5	1733.7	1760.2	1750.0	1743.9	1708.2	1668.4
25°	1540.8	1551.0	1590.8	1592.9	1622.5	1650.0	1676.5	1693.9	1716.3	1703.1	1669.4
27.5°	1401.0	1424.5	1453.1	1474.5	1480.6	1536.7	1580.6	1613.3	1664.3	1668.4	1657.2
30°	1242.9	1254.1	1301.0	1329.6	1362.3	1403.1	1466.3	1522.5	1568.4	1610.2	1624.5
32.5°	1050.0	1095.9	1123.5	1158.2	1186.7	1259.2	1336.7	1409.2	1462.3	1532.7	1563.3
35°	873.5	909.2	956.1	970.4	1022.5	1083.7	1184.7	1277.6	1358.2	1429.6	1491.8
37.5°	727.6	756.1	806.1	828.6	859.2	937.8	1022.5	1137.8	1234.7	1322.5	1400.0
40°	627.6	649.0	686.7	693.9	719.4	790.8	859.2	967.4	1095.9	1214.3	1299.0
42.5°	559.2	569.4	594.9	604.1	620.4	668.4	729.6	831.6	951.0	1073.5	1192.9
45°	510.2	517.4	532.7	540.8	561.2	582.7	632.7	714.3	808.2	931.6	1060.2
47.5°	466.3	475.5	481.6	486.7	498.0	521.4	554.1	614.3	704.1	817.4	941.8
50°	429.6	432.7	443.9	444.9	452.0	467.3	498.0	534.7	606.1	698.0	818.4
52.5°	392.9	395.9	403.1	410.2	413.3	425.5	445.9	476.5	529.6	602.0	709.2
55°	356.1	360.2	367.3	372.5	375.5	385.7	398.0	427.6	469.4	520.4	608.2
57.5°	319.4	328.6	330.6	333.7	338.8	350.0	361.2	378.6	411.2	458.2	522.5
60°	284.7	287.8	294.9	298.0	303.1	309.2	323.5	336.7	360.2	396.9	455.1
62.5°	249.0	256.1	259.2	262.2	266.3	273.5	282.7	296.9	317.3	346.9	392.9
65°	218.4	219.4	225.5	229.6	233.7	238.8	248.0	261.2	273.5	301.0	334.7
67.5°	188.8	190.8	192.9	196.9	202.0	207.1	215.3	222.5	237.8	256.1	282.7
70°	160.2	160.2	165.3	168.4	167.3	173.5	179.6	187.8	199.0	216.3	237.8
72.5°	134.7	133.7	137.8	138.8	140.8	144.9	149.0	157.1	163.3	176.5	192.9
75°	107.1	109.2	111.2	111.2	114.3	117.3	121.4	125.5	132.7	140.8	153.1
77.5°	84.7	84.7	86.7	87.8	90.8	89.8	93.9	98.0	103.1	110.2	119.4
80°	62.2	64.3	64.3	64.3	65.3	66.3	70.4	73.5	76.5	81.6	85.7
82.5°	43.9	43.9	45.9	45.9	45.9	48.0	48.0	49.0	51.0	54.1	57.1
85°	27.6	27.6	27.6	28.6	27.6	28.6	30.6	29.6	30.6	32.7	32.7
87.5°	13.3	13.3	13.3	13.3	13.3	14.3	13.3	14.3	15.3	15.3	15.3
90°	33.0	32.7	32.5	32.4	32.6	33.1	33.5	34.0	34.4	29.6	24.8
92.5°	31.4	31.4	31.4	31.4	31.3	31.1	30.9	30.7	30.5	30.3	30.1
95°	61.8	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.5	62.0
97.5°	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	97.3	96.5
100°	135.0	135.3	135.5	135.6	135.6	135.6	135.6	135.6	135.6	134.9	134.3
102.5°	176.2	176.5	176.7	176.8	176.7	176.5	176.2	176.0	175.8	174.9	174.1
105°	218.1	218.1	218.1	218.1	217.9	217.4	217.0	216.5	216.1	215.7	215.3
107.5°	258.6	259.7	260.8	261.3	261.2	261.0	260.7	260.5	260.3	260.3	260.3
110°	303.9	304.5	305.2	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	347.6	348.1	348.5	348.7	349.0	349.7	350.4	351.0	351.7	351.9	352.1
115°	394.3	394.9	395.6	395.9	396.0	396.2	396.5	396.7	396.9	397.3	397.7
117.5°	437.5	438.1	438.8	439.1	439.4	440.1	440.8	441.4	442.1	443.2	444.3
120°	483.7	484.3	485.0	485.3	485.3	485.3	485.3	485.3	485.3	487.1	488.8
122.5°	528.4	528.8	529.3	529.5	529.8	530.5	531.2	531.8	532.5	533.6	534.7
125°	574.1	574.4	574.6	574.7	575.0	575.7	576.3	577.0	577.6	578.3	578.9
127.5°	616.3	616.9	617.6	617.9	618.3	619.2	620.1	621.0	621.9	622.8	623.6
130°	661.9	662.8	663.7	664.1	664.3	664.8	665.2	665.7	666.1	666.5	666.9
132.5°	704.7	705.3	706.0	706.3	706.8	707.9	709.0	710.1	711.2	711.0	710.8
135°	749.9	750.5	751.2	751.5	751.6	751.8	752.1	752.3	752.5	752.1	751.6
137.5°	790.6	791.5	792.4	792.8	792.9	793.1	793.4	793.6	793.8	793.4	792.9
140°	832.8	833.7	834.6	835.0	835.0	835.0	835.0	835.0	835.0	833.9	832.8
142.5°	871.1	872.0	872.9	873.3	873.2	873.0	872.8	872.6	872.4	871.7	871.1
145°	909.5	910.4	911.3	911.7	911.6	911.4	911.1	910.9	910.7	909.4	908.1
147.5°	943.8	944.7	945.6	946.0	945.8	945.4	944.9	944.5	944.1	943.2	942.3
150°	976.8	977.5	978.2	978.5	978.2	977.5	976.8	976.2	975.5	974.6	973.8
152.5°	1008.7	1009.6	1010.5	1010.9	1010.5	1009.6	1008.7	1007.8	1006.9	1005.8	1004.7
155°	1035.8	1036.4	1037.1	1037.4	1036.9	1035.8	1034.7	1033.6	1032.5	1031.8	1031.2
157.5°	1061.2	1062.3	1063.4	1063.9	1063.1	1061.6	1060.1	1058.5	1057.0	1056.6	1056.2
160°	1083.3	1084.2	1085.1	1085.5	1084.8	1083.5	1082.2	1080.9	1079.6	1079.4	1079.2
162.5°	1103.5	1104.6	1105.7	1106.2	1105.4	1103.9	1102.4	1100.8	1099.3	1099.1	1098.9
165°	1120.2	1121.3	1122.4	1122.9	1122.1	1120.6	1119.1	1117.5	1116.0	1116.0	1116.0
167.5°	1134.9	1136.0	1137.1	1137.6	1136.8	1135.3	1133.8	1132.2	1130.7	1130.7	1130.7
170°	1146.1	1147.4	1148.7	1149.4	1148.6	1147.1	1145.6	1144.0	1142.5	1142.7	1142.9
172.5°	1154.9	1156.2	1157.5	1158.2	1157.4	1155.9	1154.4	1152.9	1151.4	1151.6	1151.8
175°	1160.8	1162.1	1163.4	1164.1	1163.3	1161.8	1160.3	1158.8	1157.3	1157.7	1158.1
177.5°	1163.8	1165.1	1166.4	1167.1	1166.4	1165.1	1163.8	1162.5	1161.2	1161.6	1162.0
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1362.3	1357.2	1354.1	1356.1	1350.0	1334.7	1334.7	1339.8	1333.7	1327.6	1318.4
5°	1400.0	1389.8	1383.7	1382.7	1368.4	1343.9	1338.8	1333.7	1320.4	1306.1	1290.8
7.5°	1436.7	1418.4	1408.2	1401.0	1380.6	1349.0	1335.7	1324.5	1303.1	1281.6	1262.3
10°	1467.4	1440.8	1428.6	1417.4	1390.8	1351.0	1329.6	1309.2	1281.6	1254.1	1229.6
12.5°	1491.8	1461.2	1445.9	1429.6	1396.9	1344.9	1318.4	1285.7	1258.2	1221.4	1196.9
15°	1532.7	1469.4	1455.1	1439.8	1406.1	1334.7	1302.0	1265.3	1227.6	1178.6	1152.0
17.5°	1565.3	1480.6	1479.6	1446.9	1403.1	1330.6	1280.6	1232.7	1191.8	1142.9	1101.0
20°	1584.7	1498.0	1481.6	1448.0	1392.9	1303.1	1251.0	1198.0	1154.1	1094.9	1053.1
22.5°	1601.0	1522.5	1479.6	1438.8	1371.4	1293.9	1217.4	1167.4	1107.1	1042.9	1003.1
25°	1607.2	1527.6	1482.7	1435.7	1356.1	1267.4	1180.6	1126.5	1059.2	1001.0	946.9
27.5°	1608.2	1526.5	1471.4	1422.5	1334.7	1232.7	1143.9	1086.7	1012.3	944.9	890.8
30°	1598.0	1515.3	1465.3	1412.3	1314.3	1201.0	1099.0	1035.7	956.1	888.8	832.7
32.5°	1567.4	1492.9	1452.0	1393.9	1287.8	1157.2	1056.1	985.7	902.0	835.7	781.6
35°	1516.3	1465.3	1420.4	1366.3	1253.1	1116.3	1013.3	930.6	845.9	782.7	731.6
37.5°	1453.1	1425.5	1383.7	1330.6	1213.3	1079.6	965.3	873.5	788.8	727.6	677.6
40°	1367.4	1374.5	1333.7	1285.7	1166.3	1029.6	903.1	815.3	735.7	678.6	629.6
42.5°	1274.5	1304.1	1280.6	1234.7	1114.3	974.5	857.1	760.2	682.7	623.5	582.7
45°	1174.5	1225.5	1211.2	1177.6	1060.2	916.3	791.8	698.0	629.6	572.5	536.7
47.5°	1065.3	1137.8	1137.8	1113.3	1000.0	858.2	735.7	639.8	572.5	531.6	496.9
50°	954.1	1035.7	1049.0	1032.7	932.7	791.8	667.4	580.6	522.5	482.7	457.1
52.5°	837.8	932.7	957.1	949.0	861.2	728.6	611.2	526.5	473.5	438.8	416.3
55°	726.5	836.7	863.3	866.3	784.7	659.2	549.0	474.5	423.5	400.0	380.6
57.5°	621.4	727.6	757.1	762.2	707.1	595.9	490.8	425.5	379.6	360.2	344.9
60°	531.6	620.4	659.2	670.4	622.5	522.5	436.7	373.5	338.8	320.4	306.1
62.5°	458.2	529.6	570.4	573.5	552.0	458.2	380.6	327.6	298.0	281.6	274.5
65°	386.7	451.0	475.5	487.8	470.4	396.9	328.6	284.7	261.2	246.9	239.8
67.5°	329.6	370.4	390.8	407.1	389.8	334.7	279.6	243.9	226.5	212.2	208.2
70°	270.4	304.1	319.4	335.7	320.4	278.6	238.8	206.1	190.8	179.6	174.5
72.5°	216.3	242.9	257.1	267.3	258.2	223.5	190.8	168.4	157.1	149.0	145.9
75°	171.4	189.8	198.0	205.1	201.0	174.5	154.1	135.7	125.5	118.4	116.3
77.5°	130.6	143.9	153.1	155.1	150.0	132.7	115.3	104.1	95.9	91.8	89.8
80°	92.9	101.0	106.1	109.2	104.1	96.9	84.7	76.5	69.4	64.3	63.3
82.5°	62.2	66.3	70.4	69.4	67.3	61.2	54.1	50.0	46.9	42.9	42.9
85°	35.7	36.7	38.8	39.8	38.8	34.7	30.6	28.6	26.5	23.5	23.5
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.3	11.2	11.2	10.2	9.2
90°	20.0	15.2	12.8	11.5	8.9	6.2	3.6	1.0	3.6	6.2	8.9
92.5°	29.8	29.6	29.5	28.6	26.9	25.1	23.4	21.6	23.4	25.1	26.9
95°	61.6	61.1	60.9	59.8	57.6	55.5	53.3	51.1	53.3	55.5	57.6
97.5°	95.6	94.7	94.3	93.3	91.4	89.4	87.5	85.5	87.5	89.4	91.4
100°	133.6	132.9	132.6	131.7	130.0	128.3	126.5	124.8	126.5	128.3	130.0
102.5°	173.2	172.3	171.9	171.2	169.9	168.6	167.3	166.0	167.3	168.6	169.9
105°	214.8	214.4	214.2	213.9	213.2	212.5	211.9	211.2	211.9	212.5	213.2
107.5°	260.3	260.3	260.3	259.9	259.0	258.1	257.3	256.4	257.3	258.1	259.0
110°	305.5	305.5	305.5	304.8	303.5	302.2	300.9	299.6	300.9	302.2	303.5

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	352.4	352.6	352.7	352.0	350.7	349.4	348.1	346.8	348.1	349.4	350.7
115°	398.2	398.6	398.8	398.2	396.9	395.6	394.3	393.0	394.3	395.6	396.9
117.5°	445.4	446.5	447.0	446.1	444.4	442.6	440.9	439.1	440.9	442.6	444.4
120°	490.6	492.3	493.2	492.3	490.6	488.8	487.1	485.3	487.1	488.8	490.6
122.5°	535.8	536.9	537.4	536.3	534.1	531.9	529.7	527.5	529.7	531.9	534.1
125°	579.6	580.3	580.6	579.6	577.6	575.7	573.7	571.7	573.7	575.7	577.6
127.5°	624.5	625.4	625.8	624.6	622.2	619.8	617.4	615.0	617.4	619.8	622.2
130°	667.4	667.8	668.0	666.6	663.8	660.9	658.1	655.3	658.1	660.9	663.8
132.5°	710.6	710.4	710.3	709.2	707.0	704.8	702.6	700.4	702.6	704.8	707.0
135°	751.2	750.7	750.5	749.3	746.9	744.5	742.1	739.7	742.1	744.5	746.9
137.5°	792.5	792.0	791.8	790.8	788.9	786.9	785.0	783.0	785.0	786.9	788.9
140°	831.7	830.6	830.1	829.1	827.2	825.2	823.3	821.3	823.3	825.2	827.2
142.5°	870.4	869.7	869.4	868.4	866.5	864.5	862.6	860.6	862.6	864.5	866.5
145°	906.8	905.5	904.8	904.0	902.5	901.0	899.4	897.9	899.4	901.0	902.5
147.5°	941.4	940.5	940.1	939.1	937.2	935.2	933.3	931.3	933.3	935.2	937.2
150°	972.9	972.0	971.6	970.9	969.6	968.3	967.0	965.7	967.0	968.3	969.6
152.5°	1003.6	1002.5	1002.0	1001.3	1000.0	998.7	997.4	996.1	997.4	998.7	1000.0
155°	1030.5	1029.8	1029.5	1029.2	1028.5	1027.9	1027.2	1026.6	1027.2	1027.9	1028.5
157.5°	1055.7	1055.3	1055.1	1054.9	1054.4	1054.0	1053.5	1053.1	1053.5	1054.0	1054.4
160°	1079.0	1078.8	1078.7	1078.5	1078.0	1077.6	1077.1	1076.7	1077.1	1077.6	1078.0
162.5°	1098.6	1098.4	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3	1098.3
165°	1116.0	1116.0	1116.0	1116.1	1116.3	1116.6	1116.8	1117.0	1116.8	1116.6	1116.3
167.5°	1130.7	1130.7	1130.7	1131.0	1131.7	1132.4	1133.0	1133.7	1133.0	1132.4	1131.7
170°	1143.2	1143.4	1143.5	1143.8	1144.5	1145.1	1145.8	1146.4	1145.8	1145.1	1144.5
172.5°	1152.0	1152.2	1152.3	1152.6	1153.3	1154.0	1154.6	1155.3	1154.6	1154.0	1153.3
175°	1158.6	1159.0	1159.2	1159.5	1160.2	1160.9	1161.5	1162.2	1161.5	1160.9	1160.2
177.5°	1162.5	1162.9	1163.1	1163.4	1164.1	1164.8	1165.4	1166.1	1165.4	1164.8	1164.1
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1313.3	1318.4	1317.4	1307.2	1295.9	1286.7	1269.4	1271.4	1265.3	1266.3	1272.5
5°	1280.6	1280.6	1276.5	1262.3	1243.9	1233.7	1214.3	1209.2	1196.9	1195.9	1194.9
7.5°	1245.9	1240.8	1235.7	1215.3	1192.9	1176.5	1150.0	1143.9	1131.6	1123.5	1119.4
10°	1205.1	1198.0	1187.8	1164.3	1136.7	1116.3	1088.8	1080.6	1057.1	1046.9	1040.8
12.5°	1160.2	1156.1	1139.8	1120.4	1075.5	1053.1	1013.3	1021.4	998.0	977.6	974.5
15°	1115.3	1100.0	1090.8	1059.2	1005.1	994.9	963.3	946.9	925.5	909.2	909.2
17.5°	1071.4	1048.0	1027.6	993.9	954.1	925.5	902.0	893.9	867.4	851.0	848.0
20°	1013.3	986.7	981.6	933.7	906.1	874.5	852.0	831.6	812.2	805.1	800.0
22.5°	958.2	927.6	919.4	878.6	851.0	819.4	796.9	782.7	768.4	763.3	754.1
25°	899.0	880.6	868.4	824.5	793.9	764.3	749.0	738.8	725.5	724.5	718.4
27.5°	841.8	824.5	812.2	770.4	748.0	720.4	708.2	696.9	689.8	686.7	683.7
30°	792.9	773.5	759.2	728.6	701.0	678.6	668.4	661.2	657.1	652.0	651.0
32.5°	738.8	727.6	708.2	684.7	663.3	641.8	635.7	630.6	624.5	622.5	621.4
35°	692.9	677.6	665.3	638.8	629.6	611.2	604.1	600.0	591.8	589.8	587.8
37.5°	648.0	633.7	620.4	604.1	586.7	576.5	572.5	566.3	562.2	563.3	561.2
40°	603.1	591.8	581.6	564.3	554.1	549.0	540.8	534.7	532.7	533.7	532.7
42.5°	559.2	549.0	542.9	529.6	519.4	514.3	509.2	503.1	506.1	506.1	509.2
45°	519.4	510.2	506.1	495.9	489.8	481.6	476.5	475.5	479.6	478.6	478.6
47.5°	478.6	475.5	470.4	461.2	453.1	448.0	446.9	446.9	451.0	453.1	452.0
50°	446.9	440.8	434.7	427.6	421.4	419.4	416.3	418.4	422.5	422.5	424.5
52.5°	407.1	403.1	401.0	394.9	390.8	390.8	390.8	391.8	394.9	398.0	396.9
55°	372.5	369.4	367.3	364.3	359.2	360.2	359.2	361.2	364.3	367.3	369.4
57.5°	335.7	334.7	332.7	327.6	327.6	326.5	329.6	330.6	335.7	337.8	340.8
60°	303.1	300.0	300.0	295.9	295.9	295.9	299.0	302.0	306.1	307.1	309.2
62.5°	268.4	268.4	267.3	264.3	264.3	267.3	268.4	272.5	274.5	274.5	277.6
65°	235.7	234.7	233.7	234.7	235.7	235.7	238.8	240.8	242.9	243.9	244.9
67.5°	203.1	202.0	204.1	203.1	205.1	209.2	208.2	211.2	214.3	214.3	215.3
70°	172.5	174.5	173.5	175.5	174.5	176.5	179.6	180.6	180.6	181.6	184.7
72.5°	143.9	143.9	143.9	142.9	143.9	145.9	148.0	149.0	151.0	152.0	155.1
75°	116.3	116.3	114.3	116.3	116.3	118.4	120.4	120.4	120.4	122.4	125.5
77.5°	87.8	88.8	87.8	89.8	89.8	90.8	92.9	91.8	93.9	94.9	95.9
80°	64.3	63.3	63.3	63.3	64.3	64.3	66.3	67.3	67.3	70.4	68.4
82.5°	40.8	41.8	40.8	41.8	41.8	42.9	41.8	42.9	43.9	45.9	44.9
85°	23.5	22.4	22.4	23.5	22.4	22.4	23.5	22.4	23.5	22.4	23.5
87.5°	9.2	8.2	8.2	8.2	8.2	7.1	7.1	6.1	6.1	6.1	5.1
90°	11.5	12.8	15.2	20.0	24.8	29.6	34.4	34.0	33.5	33.1	32.6
92.5°	28.6	29.5	29.6	29.8	30.1	30.3	30.5	30.7	30.9	31.1	31.3
95°	59.8	60.9	61.1	61.6	62.0	62.5	62.9	62.9	62.9	62.9	62.9
97.5°	93.3	94.3	94.7	95.6	96.5	97.3	98.2	98.2	98.2	98.2	98.2
100°	131.7	132.6	132.9	133.6	134.3	134.9	135.6	135.6	135.6	135.6	135.6
102.5°	171.2	171.9	172.3	173.2	174.1	174.9	175.8	176.0	176.2	176.5	176.7
105°	213.9	214.2	214.4	214.8	215.3	215.7	216.1	216.5	217.0	217.4	217.9
107.5°	259.9	260.3	260.3	260.3	260.3	260.3	260.3	260.5	260.7	261.0	261.2
110°	304.8	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	352.0	352.7	352.6	352.4	352.1	351.9	351.7	351.0	350.4	349.7	349.0
115°	398.2	398.8	398.6	398.2	397.7	397.3	396.9	396.7	396.5	396.2	396.0
117.5°	446.1	447.0	446.5	445.4	444.3	443.2	442.1	441.4	440.8	440.1	439.4
120°	492.3	493.2	492.3	490.6	488.8	487.1	485.3	485.3	485.3	485.3	485.3
122.5°	536.3	537.4	536.9	535.8	534.7	533.6	532.5	531.8	531.2	530.5	529.8
125°	579.6	580.6	580.3	579.6	578.9	578.3	577.6	577.0	576.3	575.7	575.0
127.5°	624.6	625.8	625.4	624.5	623.6	622.8	621.9	621.0	620.1	619.2	618.3
130°	666.6	668.0	667.8	667.4	666.9	666.5	666.1	665.7	665.2	664.8	664.3
132.5°	709.2	710.3	710.4	710.6	710.8	711.0	711.2	710.1	709.0	707.9	706.8
135°	749.3	750.5	750.7	751.2	751.6	752.1	752.5	752.3	752.1	751.8	751.6
137.5°	790.8	791.8	792.0	792.5	792.9	793.4	793.8	793.6	793.4	793.1	792.9
140°	829.1	830.1	830.6	831.7	832.8	833.9	835.0	835.0	835.0	835.0	835.0
142.5°	868.4	869.4	869.7	870.4	871.1	871.7	872.4	872.6	872.8	873.0	873.2
145°	904.0	904.8	905.5	906.8	908.1	909.4	910.7	910.9	911.1	911.4	911.6
147.5°	939.1	940.1	940.5	941.4	942.3	943.2	944.1	944.5	944.9	945.4	945.8
150°	970.9	971.6	972.0	972.9	973.8	974.6	975.5	976.2	976.8	977.5	978.2
152.5°	1001.3	1002.0	1002.5	1003.6	1004.7	1005.8	1006.9	1007.8	1008.7	1009.6	1010.5
155°	1029.2	1029.5	1029.8	1030.5	1031.2	1031.8	1032.5	1033.6	1034.7	1035.8	1036.9
157.5°	1054.9	1055.1	1055.3	1055.7	1056.2	1056.6	1057.0	1058.5	1060.1	1061.6	1063.1
160°	1078.5	1078.7	1078.8	1079.0	1079.2	1079.4	1079.6	1080.9	1082.2	1083.5	1084.8
162.5°	1098.3	1098.3	1098.4	1098.6	1098.9	1099.1	1099.3	1100.8	1102.4	1103.9	1105.4
165°	1116.1	1116.0	1116.0	1116.0	1116.0	1116.0	1116.0	1117.5	1119.1	1120.6	1122.1
167.5°	1131.0	1130.7	1130.7	1130.7	1130.7	1130.7	1130.7	1132.2	1133.8	1135.3	1136.8
170°	1143.8	1143.5	1143.4	1143.2	1142.9	1142.7	1142.5	1144.0	1145.6	1147.1	1148.6
172.5°	1152.6	1152.3	1152.2	1152.0	1151.8	1151.6	1151.4	1152.9	1154.4	1155.9	1157.4
175°	1159.5	1159.2	1159.0	1158.6	1158.1	1157.7	1157.3	1158.8	1160.3	1161.8	1163.3
177.5°	1163.4	1163.1	1162.9	1162.5	1162.0	1161.6	1161.2	1162.5	1163.8	1165.1	1166.4
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1265.3	1268.4	1261.2	1259.2	1261.2	1254.1	1256.1	1258.2	1258.2	1261.2	1263.3
5°	1191.8	1187.8	1180.6	1178.6	1176.5	1179.6	1177.6	1180.6	1181.6	1188.8	1189.8
7.5°	1119.4	1113.3	1107.1	1101.0	1099.0	1093.9	1099.0	1099.0	1106.1	1104.1	1109.2
10°	1033.7	1032.7	1024.5	1021.4	1017.4	1009.2	1020.4	1017.4	1022.5	1031.6	1033.7
12.5°	970.4	959.2	964.3	950.0	955.1	946.9	948.0	948.0	956.1	957.1	955.1
15°	910.2	901.0	887.8	881.6	878.6	874.5	887.8	888.8	882.7	896.9	891.8
17.5°	849.0	849.0	836.7	833.7	825.5	829.6	827.6	828.6	826.5	836.7	841.8
20°	795.9	790.8	786.7	787.8	777.6	775.5	773.5	775.5	782.7	789.8	791.8
22.5°	753.1	750.0	739.8	741.8	733.7	736.7	734.7	739.8	740.8	740.8	748.0
25°	712.2	708.2	709.2	705.1	702.0	702.0	699.0	702.0	706.1	708.2	709.2
27.5°	681.6	678.6	673.5	670.4	672.5	667.4	671.4	674.5	674.5	672.5	674.5
30°	644.9	646.9	646.9	636.7	640.8	638.8	641.8	643.9	643.9	644.9	642.9
32.5°	620.4	614.3	613.3	612.2	612.2	608.2	608.2	611.2	612.2	613.3	616.3
35°	587.8	587.8	582.7	585.7	581.6	582.7	581.6	582.7	584.7	581.6	584.7
37.5°	558.2	559.2	557.1	559.2	560.2	558.2	556.1	560.2	558.2	558.2	556.1
40°	532.7	531.6	532.7	532.7	532.7	533.7	531.6	531.6	531.6	529.6	527.6
42.5°	511.2	505.1	507.1	508.2	505.1	505.1	506.1	505.1	508.2	502.0	502.0
45°	480.6	478.6	479.6	479.6	481.6	478.6	480.6	481.6	478.6	477.6	475.5
47.5°	453.1	455.1	453.1	455.1	455.1	457.1	453.1	454.1	455.1	451.0	448.0
50°	425.5	425.5	428.6	427.6	428.6	426.5	426.5	425.5	426.5	424.5	421.4
52.5°	400.0	396.9	402.0	401.0	400.0	399.0	398.0	399.0	396.9	394.9	394.9
55°	368.4	368.4	371.4	372.5	372.5	370.4	368.4	369.4	368.4	367.3	366.3
57.5°	342.9	338.8	340.8	341.8	341.8	338.8	340.8	338.8	338.8	339.8	336.7
60°	310.2	310.2	308.2	311.2	311.2	309.2	309.2	310.2	308.2	307.1	306.1
62.5°	275.5	276.5	279.6	280.6	281.6	279.6	277.6	278.6	278.6	275.5	276.5
65°	245.9	248.0	252.0	251.0	249.0	250.0	248.0	249.0	245.9	246.9	243.9
67.5°	217.3	216.3	217.3	217.3	219.4	218.4	216.3	216.3	215.3	218.4	215.3
70°	186.7	186.7	186.7	186.7	187.8	188.8	186.7	184.7	185.7	183.7	182.7
72.5°	155.1	156.1	155.1	157.1	154.1	156.1	156.1	155.1	154.1	154.1	154.1
75°	125.5	127.6	124.5	125.5	124.5	126.5	125.5	125.5	123.5	122.4	123.5
77.5°	95.9	96.9	94.9	95.9	94.9	95.9	95.9	94.9	94.9	94.9	94.9
80°	68.4	69.4	68.4	67.3	66.3	68.4	66.3	67.3	68.4	67.3	69.4
82.5°	43.9	43.9	42.9	43.9	41.8	41.8	42.9	42.9	41.8	43.9	41.8
85°	21.4	21.4	23.5	21.4	20.4	20.4	20.4	21.4	20.4	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	32.4	32.5	32.7	33.0	33.2	33.4	33.2	33.0	32.7	32.5	32.4
92.5°	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
95°	62.9	62.7	62.2	61.8	61.3	60.9	61.3	61.8	62.2	62.7	62.9
97.5°	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
100°	135.6	135.5	135.3	135.0	134.8	134.6	134.8	135.0	135.3	135.5	135.6
102.5°	176.8	176.7	176.5	176.2	176.0	175.8	176.0	176.2	176.5	176.7	176.8
105°	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1	218.1
107.5°	261.3	260.8	259.7	258.6	257.5	256.4	257.5	258.6	259.7	260.8	261.3
110°	305.5	305.2	304.5	303.9	303.2	302.6	303.2	303.9	304.5	305.2	305.5

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	348.7	348.5	348.1	347.6	347.2	346.8	347.2	347.6	348.1	348.5	348.7
115°	395.9	395.6	394.9	394.3	393.6	393.0	393.6	394.3	394.9	395.6	395.9
117.5°	439.1	438.8	438.1	437.5	436.8	436.2	436.8	437.5	438.1	438.8	439.1
120°	485.3	485.0	484.3	483.7	483.0	482.4	483.0	483.7	484.3	485.0	485.3
122.5°	529.5	529.3	528.8	528.4	527.9	527.5	527.9	528.4	528.8	529.3	529.5
125°	574.7	574.6	574.4	574.1	573.9	573.7	573.9	574.1	574.4	574.6	574.7
127.5°	617.9	617.6	616.9	616.3	615.6	615.0	615.6	616.3	616.9	617.6	617.9
130°	664.1	663.7	662.8	661.9	661.1	660.2	661.1	661.9	662.8	663.7	664.1
132.5°	706.3	706.0	705.3	704.7	704.0	703.4	704.0	704.7	705.3	706.0	706.3
135°	751.5	751.2	750.5	749.9	749.2	748.6	749.2	749.9	750.5	751.2	751.5
137.5°	792.8	792.4	791.5	790.6	789.8	788.9	789.8	790.6	791.5	792.4	792.8
140°	835.0	834.6	833.7	832.8	832.0	831.1	832.0	832.8	833.7	834.6	835.0
142.5°	873.3	872.9	872.0	871.1	870.3	869.4	870.3	871.1	872.0	872.9	873.3
145°	911.7	911.3	910.4	909.5	908.6	907.7	908.6	909.5	910.4	911.3	911.7
147.5°	946.0	945.6	944.7	943.8	943.0	942.1	943.0	943.8	944.7	945.6	946.0
150°	978.5	978.2	977.5	976.8	976.2	975.5	976.2	976.8	977.5	978.2	978.5
152.5°	1010.9	1010.5	1009.6	1008.7	1007.8	1006.9	1007.8	1008.7	1009.6	1010.5	1010.9
155°	1037.4	1037.1	1036.4	1035.8	1035.1	1034.5	1035.1	1035.8	1036.4	1037.1	1037.4
157.5°	1063.9	1063.4	1062.3	1061.2	1060.1	1059.0	1060.1	1061.2	1062.3	1063.4	1063.9
160°	1085.5	1085.1	1084.2	1083.3	1082.5	1081.6	1082.5	1083.3	1084.2	1085.1	1085.5
162.5°	1106.2	1105.7	1104.6	1103.5	1102.4	1101.3	1102.4	1103.5	1104.6	1105.7	1106.2
165°	1122.9	1122.4	1121.3	1120.2	1119.1	1118.0	1119.1	1120.2	1121.3	1122.4	1122.9
167.5°	1137.6	1137.1	1136.0	1134.9	1133.8	1132.7	1133.8	1134.9	1136.0	1137.1	1137.6
170°	1149.4	1148.7	1147.4	1146.1	1144.8	1143.5	1144.8	1146.1	1147.4	1148.7	1149.4
172.5°	1158.2	1157.5	1156.2	1154.9	1153.6	1152.3	1153.6	1154.9	1156.2	1157.5	1158.2
175°	1164.1	1163.4	1162.1	1160.8	1159.5	1158.2	1159.5	1160.8	1162.1	1163.4	1164.1
177.5°	1167.1	1166.4	1165.1	1163.8	1162.5	1161.2	1162.5	1163.8	1165.1	1166.4	1167.1
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1260.2	1268.4	1265.3	1254.1	1267.4	1267.4	1276.5	1276.5	1287.8	1291.8	1298.0
5°	1188.8	1194.9	1200.0	1194.9	1204.1	1218.4	1226.5	1233.7	1249.0	1255.1	1264.3
7.5°	1112.3	1123.5	1128.6	1128.6	1143.9	1160.2	1176.5	1186.7	1208.2	1216.3	1225.5
10°	1037.8	1051.0	1061.2	1060.2	1085.7	1095.9	1116.3	1139.8	1161.2	1173.5	1186.7
12.5°	959.2	966.3	980.6	1001.0	1007.1	1025.5	1049.0	1078.6	1117.4	1128.6	1148.0
15°	893.9	913.3	924.5	933.7	948.0	965.3	990.8	1019.4	1058.2	1082.7	1103.1
17.5°	838.8	864.3	871.4	869.4	887.8	914.3	943.9	965.3	1000.0	1029.6	1049.0
20°	793.9	804.1	816.3	821.4	835.7	864.3	892.9	917.4	945.9	969.4	991.8
22.5°	749.0	757.1	767.4	776.5	787.8	804.1	831.6	862.3	889.8	912.3	937.8
25°	712.2	717.4	726.5	733.7	745.9	757.1	776.5	810.2	842.9	856.1	878.6
27.5°	676.5	680.6	686.7	694.9	701.0	712.2	729.6	757.1	790.8	804.1	834.7
30°	644.9	648.0	654.1	658.2	661.2	674.5	687.8	709.2	734.7	753.1	775.5
32.5°	615.3	618.4	624.5	625.5	629.6	636.7	649.0	668.4	690.8	706.1	725.5
35°	582.7	584.7	590.8	592.9	595.9	602.0	611.2	625.5	645.9	657.1	674.5
37.5°	557.1	556.1	560.2	563.3	567.4	570.4	573.5	587.8	603.1	613.3	626.5
40°	529.6	527.6	528.6	532.7	534.7	538.8	538.8	553.1	563.3	571.4	581.6
42.5°	502.0	501.0	499.0	501.0	503.1	504.1	505.1	515.3	525.5	532.7	543.9
45°	474.5	473.5	471.4	472.5	472.5	474.5	477.6	481.6	488.8	494.9	501.0
47.5°	449.0	446.9	443.9	442.9	444.9	444.9	444.9	449.0	456.1	458.2	464.3
50°	422.5	419.4	415.3	413.3	413.3	412.2	414.3	415.3	421.4	423.5	428.6
52.5°	393.9	391.8	387.8	383.7	384.7	382.7	383.7	384.7	386.7	389.8	392.9
55°	365.3	361.2	358.2	357.1	354.1	354.1	351.0	355.1	354.1	355.1	359.2
57.5°	337.8	333.7	328.6	326.5	323.5	322.5	320.4	319.4	320.4	323.5	326.5
60°	305.1	303.1	300.0	296.9	294.9	291.8	289.8	289.8	288.8	288.8	289.8
62.5°	273.5	272.5	268.4	267.3	265.3	263.3	260.2	258.2	258.2	260.2	261.2
65°	242.9	241.8	238.8	237.8	232.7	230.6	229.6	228.6	226.5	226.5	226.5
67.5°	214.3	211.2	211.2	206.1	202.0	200.0	198.0	196.9	196.9	196.9	198.0
70°	182.7	182.7	179.6	176.5	172.5	173.5	170.4	167.3	167.3	165.3	166.3
72.5°	152.0	151.0	148.0	146.9	143.9	140.8	138.8	140.8	137.8	136.7	137.8
75°	122.4	121.4	119.4	117.3	118.4	115.3	112.2	111.2	111.2	109.2	109.2
77.5°	93.9	95.9	91.8	90.8	88.8	86.7	85.7	84.7	84.7	84.7	86.7
80°	65.3	66.3	66.3	64.3	65.3	62.2	62.2	62.2	59.2	60.2	61.2
82.5°	41.8	41.8	40.8	41.8	40.8	40.8	39.8	39.8	38.8	38.8	39.8
85°	23.5	22.4	21.4	23.5	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.2	8.2	8.2
90°	32.6	33.1	33.5	34.0	34.4	29.6	24.8	20.0	15.2	12.8	11.5
92.5°	31.3	31.1	30.9	30.7	30.5	30.3	30.1	29.8	29.6	29.5	28.6
95°	62.9	62.9	62.9	62.9	62.9	62.5	62.0	61.6	61.1	60.9	59.8
97.5°	98.2	98.2	98.2	98.2	98.2	97.3	96.5	95.6	94.7	94.3	93.3
100°	135.6	135.6	135.6	135.6	135.6	134.9	134.3	133.6	132.9	132.6	131.7
102.5°	176.7	176.5	176.2	176.0	175.8	174.9	174.1	173.2	172.3	171.9	171.2
105°	217.9	217.4	217.0	216.5	216.1	215.7	215.3	214.8	214.4	214.2	213.9
107.5°	261.2	261.0	260.7	260.5	260.3	260.3	260.3	260.3	260.3	260.3	259.9
110°	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	305.5	304.8

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	349.0	349.7	350.4	351.0	351.7	351.9	352.1	352.4	352.6	352.7	352.0
115°	396.0	396.2	396.5	396.7	396.9	397.3	397.7	398.2	398.6	398.8	398.2
117.5°	439.4	440.1	440.8	441.4	442.1	443.2	444.3	445.4	446.5	447.0	446.1
120°	485.3	485.3	485.3	485.3	485.3	487.1	488.8	490.6	492.3	493.2	492.3
122.5°	529.8	530.5	531.2	531.8	532.5	533.6	534.7	535.8	536.9	537.4	536.3
125°	575.0	575.7	576.3	577.0	577.6	578.3	578.9	579.6	580.3	580.6	579.6
127.5°	618.3	619.2	620.1	621.0	621.9	622.8	623.6	624.5	625.4	625.8	624.6
130°	664.3	664.8	665.2	665.7	666.1	666.5	666.9	667.4	667.8	668.0	666.6
132.5°	706.8	707.9	709.0	710.1	711.2	711.0	710.8	710.6	710.4	710.3	709.2
135°	751.6	751.8	752.1	752.3	752.5	752.1	751.6	751.2	750.7	750.5	749.3
137.5°	792.9	793.1	793.4	793.6	793.8	793.4	792.9	792.5	792.0	791.8	790.8
140°	835.0	835.0	835.0	835.0	835.0	833.9	832.8	831.7	830.6	830.1	829.1
142.5°	873.2	873.0	872.8	872.6	872.4	871.7	871.1	870.4	869.7	869.4	868.4
145°	911.6	911.4	911.1	910.9	910.7	909.4	908.1	906.8	905.5	904.8	904.0
147.5°	945.8	945.4	944.9	944.5	944.1	943.2	942.3	941.4	940.5	940.1	939.1
150°	978.2	977.5	976.8	976.2	975.5	974.6	973.8	972.9	972.0	971.6	970.9
152.5°	1010.5	1009.6	1008.7	1007.8	1006.9	1005.8	1004.7	1003.6	1002.5	1002.0	1001.3
155°	1036.9	1035.8	1034.7	1033.6	1032.5	1031.8	1031.2	1030.5	1029.8	1029.5	1029.2
157.5°	1063.1	1061.6	1060.1	1058.5	1057.0	1056.6	1056.2	1055.7	1055.3	1055.1	1054.9
160°	1084.8	1083.5	1082.2	1080.9	1079.6	1079.4	1079.2	1079.0	1078.8	1078.7	1078.5
162.5°	1105.4	1103.9	1102.4	1100.8	1099.3	1099.1	1098.9	1098.6	1098.4	1098.3	1098.3
165°	1122.1	1120.6	1119.1	1117.5	1116.0	1116.0	1116.0	1116.0	1116.0	1116.0	1116.1
167.5°	1136.8	1135.3	1133.8	1132.2	1130.7	1130.7	1130.7	1130.7	1130.7	1130.7	1131.0
170°	1148.6	1147.1	1145.6	1144.0	1142.5	1142.7	1142.9	1143.2	1143.4	1143.5	1143.8
172.5°	1157.4	1155.9	1154.4	1152.9	1151.4	1151.6	1151.8	1152.0	1152.2	1152.3	1152.6
175°	1163.3	1161.8	1160.3	1158.8	1157.3	1157.7	1158.1	1158.6	1159.0	1159.2	1159.5
177.5°	1166.4	1165.1	1163.8	1162.5	1161.2	1161.6	1162.0	1162.5	1162.9	1163.1	1163.4
180°	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1327.6	1327.6	1327.6	1327.6
2.5°	1303.1	1303.1	1318.4	1334.7
5°	1274.5	1281.6	1306.1	1328.6
7.5°	1246.9	1259.2	1289.8	1318.4
10°	1213.3	1229.6	1267.4	1301.0
12.5°	1180.6	1195.9	1239.8	1277.6
15°	1134.7	1154.1	1201.0	1248.0
17.5°	1088.8	1108.2	1165.3	1220.4
20°	1034.7	1060.2	1124.5	1198.0
22.5°	984.7	1016.3	1087.8	1146.9
25°	929.6	978.6	1044.9	1121.4
27.5°	880.6	929.6	996.9	1074.5
30°	825.5	875.5	944.9	1016.3
32.5°	772.5	818.4	885.7	973.5
35°	717.4	761.2	826.5	915.3
37.5°	667.4	710.2	781.6	863.3
40°	618.4	663.3	724.5	806.1
42.5°	572.5	612.2	667.4	749.0
45°	530.6	559.2	610.2	686.7
47.5°	486.7	512.2	559.2	635.7
50°	445.9	467.3	508.2	579.6
52.5°	406.1	424.5	462.2	519.4
55°	370.4	387.8	415.3	471.4
57.5°	333.7	346.9	373.5	418.4
60°	298.0	310.2	331.6	368.4
62.5°	262.2	272.5	292.9	322.5
65°	230.6	238.8	254.1	279.6
67.5°	200.0	205.1	217.3	237.8
70°	170.4	174.5	184.7	201.0
72.5°	138.8	142.9	154.1	165.3
75°	112.2	113.3	121.4	130.6
77.5°	87.8	86.7	92.9	100.0
80°	60.2	63.3	68.4	71.4
82.5°	40.8	41.8	43.9	45.9
85°	22.4	23.5	23.5	26.5
87.5°	9.2	10.2	10.2	11.2
90°	8.9	6.2	3.6	1.0
92.5°	26.9	25.1	23.4	21.6
95°	57.6	55.5	53.3	51.1
97.5°	91.4	89.4	87.5	85.5
100°	130.0	128.3	126.5	124.8
102.5°	169.9	168.6	167.3	166.0
105°	213.2	212.5	211.9	211.2
107.5°	259.0	258.1	257.3	256.4
110°	303.5	302.2	300.9	299.6



TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	350.7	349.4	348.1	346.8
115°	396.9	395.6	394.3	393.0
117.5°	444.4	442.6	440.9	439.1
120°	490.6	488.8	487.1	485.3
122.5°	534.1	531.9	529.7	527.5
125°	577.6	575.7	573.7	571.7
127.5°	622.2	619.8	617.4	615.0
130°	663.8	660.9	658.1	655.3
132.5°	707.0	704.8	702.6	700.4
135°	746.9	744.5	742.1	739.7
137.5°	788.9	786.9	785.0	783.0
140°	827.2	825.2	823.3	821.3
142.5°	866.5	864.5	862.6	860.6
145°	902.5	901.0	899.4	897.9
147.5°	937.2	935.2	933.3	931.3
150°	969.6	968.3	967.0	965.7
152.5°	1000.0	998.7	997.4	996.1
155°	1028.5	1027.9	1027.2	1026.6
157.5°	1054.4	1054.0	1053.5	1053.1
160°	1078.0	1077.6	1077.1	1076.7
162.5°	1098.3	1098.3	1098.3	1098.3
165°	1116.3	1116.6	1116.8	1117.0
167.5°	1131.7	1132.4	1133.0	1133.7
170°	1144.5	1145.1	1145.8	1146.4
172.5°	1153.3	1154.0	1154.6	1155.3
175°	1160.2	1160.9	1161.5	1162.2
177.5°	1164.1	1164.8	1165.4	1166.1
180°	1164.1	1164.1	1164.1	1164.1

TEST NUMBER: P998955

CATALOG NUMBER: SA2XXDIP-B675D925UB40-4F0-XX-W2A-A1

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.17	16.98	17.16	17.97	19.29	13.67	14.47	14.65	15.47	16.78
	3H	16.98	17.70	17.98	18.71	20.04	15.01	15.73	16.00	16.73	18.06
	4H	17.15	17.83	18.16	18.84	20.18	15.47	16.15	16.48	17.16	18.50
	6H	17.19	17.82	18.21	18.83	20.18	15.77	16.40	16.79	17.41	18.76
	8H	17.17	17.77	18.19	18.79	20.14	15.85	16.45	16.88	17.48	18.83
	12H	17.13	17.70	18.16	18.72	20.09	15.89	16.46	16.92	17.48	18.86
4H	2H	16.21	16.89	17.22	17.90	19.24	14.11	14.79	15.12	15.80	17.14
	3H	17.18	17.75	18.21	18.79	20.14	15.56	16.13	16.59	17.17	18.52
	4H	17.46	17.98	18.49	19.01	20.38	16.09	16.61	17.13	17.64	19.02
	6H	17.59	18.03	18.63	19.08	20.46	16.47	16.92	17.51	17.97	19.34
	8H	17.58	18.00	18.63	19.04	20.43	16.58	17.00	17.62	18.04	19.43
	12H	17.55	17.92	18.61	18.98	20.37	16.64	17.01	17.70	18.07	19.46
8H	4H	17.46	17.88	18.51	18.92	20.31	16.23	16.65	17.28	17.69	19.08
	6H	17.64	17.98	18.71	19.07	20.45	16.67	17.01	17.73	18.09	19.48
	8H	17.67	17.97	18.74	19.04	20.45	16.82	17.12	17.89	18.19	19.59
	12H	17.65	17.92	18.73	18.98	20.43	16.91	17.17	17.98	18.24	19.68
12H	4H	17.42	17.79	18.48	18.85	20.24	16.20	16.58	17.27	17.64	19.03
	6H	17.62	17.92	18.69	18.99	20.39	16.67	16.97	17.74	18.04	19.44
	8H	17.65	17.91	18.73	18.98	20.42	16.82	17.09	17.90	18.15	19.60