

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: P1000031

Luminaire Tested: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000031
REPORT IS A COMBINATION OF REPORTS P988588 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

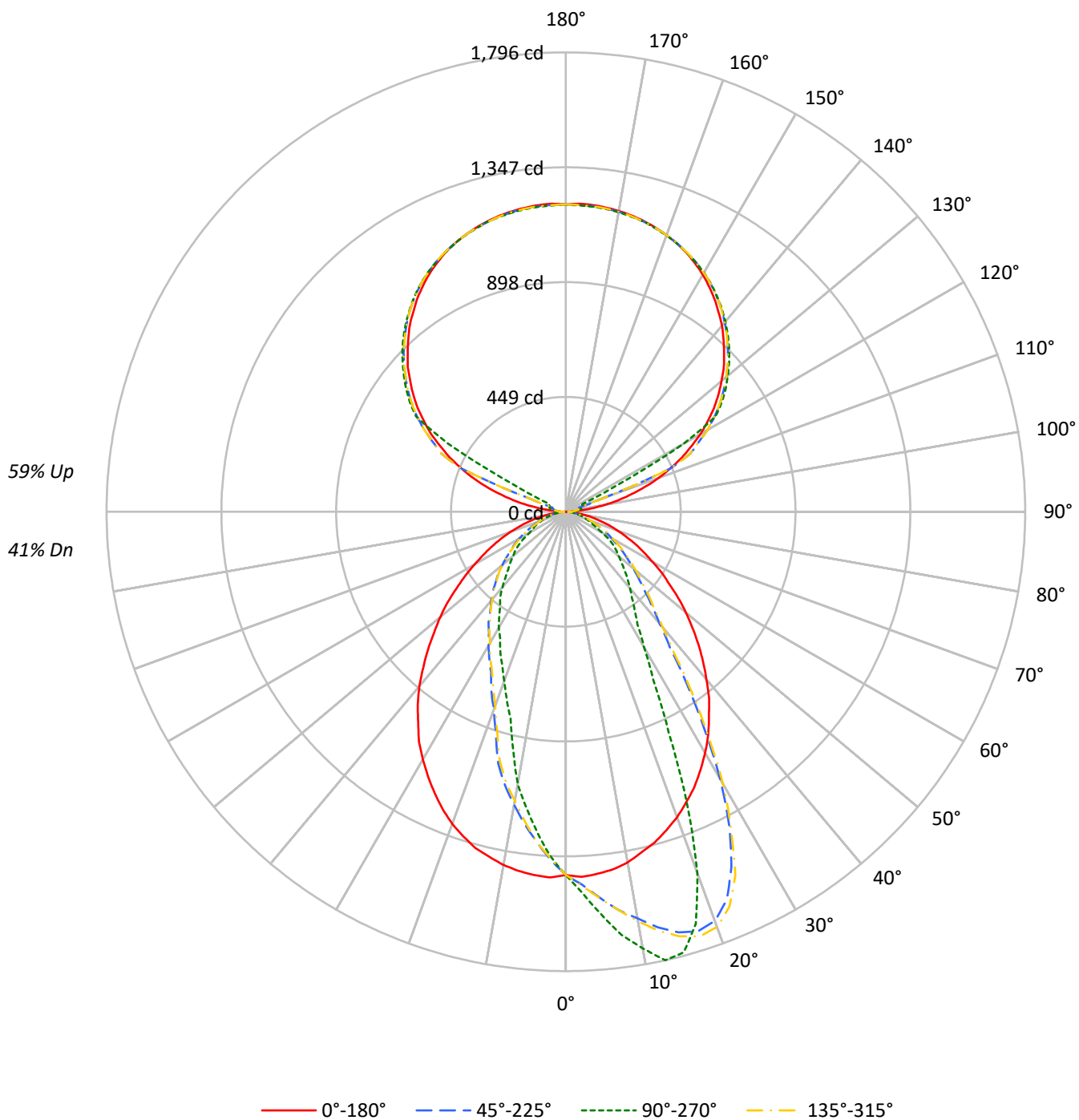
Lumens per Lamp: N/A
Luminaire Lumens: 5978.0 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

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Luminous Intensity Polar Plot



TEST NUMBER: P1000031

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	105	105	105	105	96	96	96	96	78	78	78	63	63	63	48	48	48	41		
1	96	92	89	86	88	84	81	79	70	67	66	56	55	53	43	42	42	36		
2	88	81	76	71	80	75	70	66	62	58	55	50	48	46	39	37	36	31		
3	81	72	65	60	74	66	60	56	55	51	47	45	42	39	35	33	32	27		
4	74	64	57	51	68	59	53	48	49	45	41	40	37	34	32	30	28	24		
5	69	58	50	44	63	53	46	42	45	40	36	37	33	30	29	27	25	21		
6	63	52	44	39	58	48	41	36	40	35	32	33	30	27	27	24	22	19		
7	59	47	40	34	54	44	37	32	37	32	28	31	27	24	25	22	20	17		
8	55	43	36	31	50	40	33	29	34	29	25	28	24	22	23	20	18	16		
9	51	39	32	27	47	37	30	26	31	26	23	26	22	20	21	19	17	14		
10	48	36	29	25	44	34	28	23	29	24	21	24	21	18	20	17	15	13		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	22478	22478	22478	22478
5°	22530	23875	22609	19073
10°	22282	25236	22441	15751
15°	21799	25244	22168	11832
20°	21217	20866	21680	9762
25°	20512	13039	20956	8305
30°	19613	8348	20146	7150
35°	18517	6415	19117	6118
40°	17296	5393	18035	5351
45°	15991	4591	16660	4492
50°	14654	3900	15338	3886
55°	13174	3390	13883	3345
60°	11859	2584	12487	2553
65°	10629	1944	11262	2206
70°	9272	1553	10000	1797
75°	7837	1191	8559	1361
80°	6227	809	6698	891
85°	4322	419	4746	440

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 20563 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.7	2.3
10°-20°	376.0	6.3
20°-30°	483.9	8.1
30°-40°	459.0	7.7
40°-50°	393.4	6.6
50°-60°	299.6	5.0
60°-70°	188.9	3.2
70°-80°	94.3	1.6
80°-90°	26.3	0.4
90°-100°	39.6	0.7
100°-110°	147.7	2.5
110°-120°	391.6	6.6
120°-130°	649.6	10.9
130°-140°	690.0	11.5
140°-150°	641.3	10.7
150°-160°	515.6	8.6
160°-170°	332.2	5.6
170°-180°	114.3	1.9
0°-30°	994.5	16.6
0°-40°	1453.6	24.3
0°-60°	2146.6	35.9
0°-90°	2456.1	41.1
90°-120°	578.9	9.7
90°-150°	2559.8	42.8
90°-180°	3522.0	58.9
0°-180°	5978.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1420	1420	1420	1420	1420	
5°	1421	1580	1426	1262	1421	135
15°	1339	1783	1362	836	1339	377
25°	1188	951	1214	606	1188	546
35°	975	469	1007	447	975	610
45°	732	326	763	319	732	565
55°	494	226	521	223	494	446
65°	299	117	317	133	299	297
75°	140	62	153	71	140	152
85°	31	18	34	19	31	35
90°	1	24	1	24	1	5
95°	56	37	56	37	56	67
105°	264	66	264	66	264	282
115°	500	71	500	71	500	492
125°	707	743	707	743	707	630
135°	874	903	874	903	874	676
145°	1014	1030	1014	1030	1014	634
155°	1117	1118	1117	1118	1117	515
165°	1177	1174	1177	1174	1177	333
175°	1204	1197	1204	1197	1204	115
180°	1201	1201	1201	1201	1201	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1428.9	1434.8	1437.8	1441.7	1450.6	1456.5	1465.4	1467.4	1466.4	1470.4	1459.5
5°	1421.0	1433.9	1445.7	1455.6	1471.4	1481.2	1492.1	1504.9	1507.9	1522.7	1513.8
7.5°	1410.2	1428.9	1445.7	1465.4	1489.1	1501.9	1518.7	1538.5	1547.3	1565.1	1570.0
10°	1392.4	1419.1	1447.7	1468.4	1501.0	1523.7	1539.4	1571.0	1591.7	1618.4	1614.4
12.5°	1363.8	1398.3	1436.8	1471.4	1513.8	1528.6	1558.2	1590.8	1617.4	1642.1	1663.8
15°	1339.1	1378.6	1421.0	1463.5	1511.8	1539.4	1569.0	1611.5	1640.1	1683.5	1702.3
17.5°	1305.6	1355.9	1406.2	1453.6	1510.8	1542.4	1578.9	1620.4	1662.8	1704.2	1719.0
20°	1271.0	1325.3	1379.6	1443.7	1508.9	1539.4	1576.9	1628.3	1669.7	1702.3	1702.3
22.5°	1229.6	1295.7	1357.9	1419.1	1490.1	1534.5	1573.0	1633.2	1662.8	1669.7	1643.1
25°	1188.1	1254.3	1322.3	1398.3	1479.2	1518.7	1562.1	1618.4	1628.3	1600.6	1531.5
27.5°	1138.8	1212.8	1289.8	1371.7	1456.5	1505.9	1545.4	1582.9	1564.1	1490.1	1382.5
30°	1088.5	1168.4	1255.2	1333.2	1435.8	1481.2	1514.8	1525.6	1466.4	1346.0	1206.9
32.5°	1036.2	1114.1	1205.9	1299.6	1403.3	1446.7	1468.4	1439.8	1331.2	1179.3	1009.5
35°	975.0	1062.8	1158.5	1256.2	1358.9	1391.4	1404.2	1334.2	1195.0	998.7	829.9
37.5°	919.7	1007.5	1110.2	1209.8	1309.5	1327.3	1314.4	1204.9	1028.3	833.9	669.1
40°	854.6	948.3	1049.0	1160.5	1242.4	1247.3	1215.8	1073.7	854.6	672.0	570.4
42.5°	794.4	889.1	989.8	1103.3	1165.4	1148.7	1106.2	919.7	713.5	579.3	497.4
45°	732.2	822.0	930.6	1031.2	1075.6	1036.2	972.0	773.7	599.0	498.3	435.2
47.5°	672.0	755.9	863.5	960.2	968.1	923.7	847.7	648.3	519.1	438.1	386.8
50°	612.8	696.7	797.4	877.3	869.4	808.2	722.4	563.5	451.0	386.8	344.4
52.5°	553.6	629.6	727.3	790.4	756.9	697.7	612.8	477.6	393.7	337.5	304.9
55°	494.4	565.4	649.3	701.6	648.3	580.3	520.1	409.5	341.4	296.0	271.4
57.5°	445.1	501.3	578.3	609.9	545.7	492.4	440.1	352.3	296.0	263.5	234.9
60°	390.8	442.1	505.3	524.0	457.9	414.5	370.1	298.0	253.6	225.0	206.2
62.5°	344.4	386.8	435.2	435.2	377.0	344.4	310.8	249.7	213.2	190.5	181.6
65°	299.0	329.6	364.1	360.2	310.8	282.2	255.6	206.2	178.6	162.8	153.9
67.5°	254.6	278.3	301.0	287.2	251.6	227.0	202.3	166.8	148.0	137.2	125.3
70°	214.1	232.9	244.7	231.9	196.4	175.7	157.9	134.2	119.4	105.6	98.7
72.5°	179.6	187.5	191.4	175.7	146.0	134.2	121.4	104.6	91.8	84.9	82.9
75°	140.1	147.0	144.1	132.2	107.6	98.7	88.8	77.0	74.0	70.1	68.1
77.5°	109.5	109.5	104.6	93.7	77.0	70.1	66.1	60.2	57.2	56.2	54.3
80°	78.0	77.0	74.0	62.2	52.3	48.4	48.4	44.4	43.4	41.4	41.4
82.5°	51.3	51.3	47.4	37.5	34.5	33.6	32.6	30.6	30.6	29.6	29.6
85°	30.6	28.6	23.7	20.7	19.7	19.7	18.7	17.8	18.7	17.8	17.8
87.5°	13.8	10.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
90°	0.9	3.0	5.1	7.2	9.3	10.4	11.2	12.7	14.3	15.8	17.4
92.5°	21.7	20.9	20.2	19.4	18.7	18.3	18.6	19.2	19.7	20.3	20.9
95°	56.5	50.1	43.7	37.4	31.0	27.8	28.5	29.8	31.2	32.5	33.9
97.5°	101.7	85.9	70.0	54.2	38.3	30.4	31.9	35.0	38.1	41.2	44.3
100°	153.9	127.4	101.0	74.5	48.0	34.8	36.4	39.7	43.0	46.2	49.5
102.5°	211.2	210.8	210.4	210.1	209.7	209.5	191.9	156.8	121.6	86.5	51.3
105°	264.3	270.1	275.9	281.6	287.4	290.3	263.9	211.2	158.5	105.7	53.0
107.5°	326.0	330.8	335.6	340.5	345.3	347.7	315.2	250.1	185.0	119.9	54.8
110°	385.1	389.1	393.2	397.2	401.3	403.3	375.4	319.6	263.7	207.9	152.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	440.7	444.2	447.7	451.2	454.7	456.4	454.8	451.5	448.2	444.9	441.6
115°	499.8	503.1	506.4	509.7	513.0	514.6	517.0	521.8	526.7	531.5	536.3
117.5°	551.1	555.0	558.8	562.7	566.6	568.5	570.1	573.4	576.7	580.0	583.3
120°	608.5	611.4	614.3	617.2	620.1	621.5	623.2	626.7	630.2	633.7	637.2
122.5°	657.2	660.3	663.4	666.5	669.6	671.1	673.0	676.9	680.8	684.6	688.5
125°	706.7	709.2	711.7	714.2	716.7	718.0	719.8	723.5	727.2	730.8	734.5
127.5°	751.9	754.6	757.3	760.0	762.7	764.1	765.5	768.4	771.3	774.2	777.1
130°	794.5	797.6	800.7	803.8	806.9	808.4	809.5	811.6	813.7	815.9	818.0
132.5°	838.0	840.5	843.0	845.5	848.0	849.3	850.4	852.5	854.6	856.7	858.8
135°	874.5	877.6	880.7	883.8	886.9	888.4	889.3	891.0	892.7	894.5	896.2
137.5°	912.7	915.0	917.4	919.7	922.0	923.2	924.2	926.1	928.0	930.0	931.9
140°	950.1	951.7	953.2	954.8	956.3	957.1	958.2	960.3	962.4	964.5	966.6
142.5°	981.4	982.8	984.1	985.5	986.8	987.5	988.8	991.3	993.8	996.3	998.8
145°	1014.4	1014.2	1014.0	1013.9	1013.7	1013.6	1015.2	1018.5	1021.8	1025.0	1028.3
147.5°	1043.1	1042.5	1041.9	1041.4	1040.8	1040.5	1042.1	1045.4	1048.7	1052.0	1055.3
150°	1070.9	1069.6	1068.2	1066.9	1065.6	1064.9	1066.4	1069.5	1072.6	1075.7	1078.8
152.5°	1094.4	1092.9	1091.3	1089.8	1088.3	1087.5	1088.9	1091.8	1094.7	1097.6	1100.5
155°	1117.0	1115.3	1113.5	1111.8	1110.1	1109.2	1110.4	1112.7	1115.0	1117.3	1119.6
157.5°	1135.3	1133.7	1132.2	1130.6	1129.1	1128.3	1129.2	1130.9	1132.6	1134.4	1136.1
160°	1150.9	1149.7	1148.6	1147.4	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9
162.5°	1164.8	1163.6	1162.5	1161.3	1160.2	1159.6	1160.1	1161.1	1162.0	1163.0	1164.0
165°	1177.0	1175.8	1174.7	1173.5	1172.4	1171.8	1172.1	1172.7	1173.2	1173.8	1174.4
167.5°	1186.6	1185.4	1184.2	1183.1	1181.9	1181.3	1181.6	1182.2	1182.7	1183.3	1183.9
170°	1194.4	1193.2	1192.1	1190.9	1189.8	1189.2	1189.4	1189.8	1190.1	1190.5	1190.9
172.5°	1199.6	1198.4	1197.3	1196.1	1195.0	1194.4	1194.6	1195.0	1195.3	1195.7	1196.1
175°	1203.9	1202.6	1201.2	1199.9	1198.6	1197.9	1198.1	1198.5	1198.8	1199.2	1199.6
177.5°	1205.7	1204.3	1203.0	1201.6	1200.3	1199.6	1199.7	1199.9	1200.1	1200.3	1200.5
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1470.4	1472.3	1475.3	1489.1	1491.1	1495.0	1493.1	1493.1	1494.0	1492.1	1493.1
5°	1533.5	1536.5	1551.3	1568.1	1572.0	1568.1	1573.0	1579.9	1579.9	1579.9	1577.9
7.5°	1592.7	1603.6	1620.4	1645.0	1650.0	1654.9	1663.8	1657.9	1659.8	1668.7	1665.8
10°	1650.0	1665.8	1684.5	1705.2	1716.1	1723.0	1726.9	1735.8	1756.5	1732.9	1741.7
12.5°	1704.2	1726.9	1746.7	1769.4	1777.3	1786.1	1789.1	1797.0	1797.0	1796.0	1802.9
15°	1739.8	1760.5	1778.3	1793.1	1795.0	1793.1	1791.1	1792.1	1795.0	1783.2	1790.1
17.5°	1747.7	1749.6	1755.6	1749.6	1750.6	1729.9	1718.1	1715.1	1687.5	1688.5	1711.1
20°	1709.2	1675.6	1666.7	1634.2	1614.4	1561.2	1559.2	1544.4	1486.2	1503.9	1500.0
22.5°	1603.6	1546.4	1470.4	1432.9	1414.1	1357.9	1314.4	1283.9	1263.1	1242.4	1233.5
25°	1464.4	1371.7	1264.1	1190.1	1179.3	1127.0	1047.0	1009.5	965.1	951.3	975.0
27.5°	1284.8	1164.4	1043.1	929.6	908.9	861.5	821.0	794.4	743.1	740.1	742.1
30°	1041.1	919.7	818.1	744.1	692.7	671.0	644.4	624.7	603.9	611.8	613.8
32.5°	855.6	740.1	645.4	605.9	582.2	568.4	545.7	532.9	524.0	521.0	520.1
35°	679.9	602.9	560.5	522.0	508.2	498.3	481.6	475.6	467.8	468.7	468.7
37.5°	582.2	518.1	486.5	466.8	453.9	449.0	438.1	432.2	427.3	425.3	428.3
40°	502.3	457.9	438.1	420.4	409.5	407.6	401.6	394.7	388.8	389.8	392.8
42.5°	444.1	418.4	394.7	380.9	373.0	370.1	365.1	360.2	360.2	357.2	356.2
45°	397.7	377.0	357.2	344.4	339.5	335.5	329.6	328.6	324.7	325.7	326.6
47.5°	356.2	339.5	324.7	311.8	306.9	305.9	300.0	296.0	296.0	295.1	294.1
50°	318.7	302.0	289.1	282.2	275.3	273.3	272.4	271.4	269.4	269.4	270.4
52.5°	288.2	271.4	261.5	255.6	251.6	249.7	249.7	248.7	248.7	248.7	247.7
55°	254.6	240.8	232.9	230.9	228.9	228.0	227.0	225.0	224.0	226.0	224.0
57.5°	223.0	218.1	211.2	209.2	204.3	204.3	201.3	199.3	197.4	199.3	199.3
60°	198.4	191.4	187.5	181.6	177.6	173.7	168.7	167.8	165.8	164.8	163.8
62.5°	172.7	166.8	156.9	148.0	142.1	138.2	136.2	135.2	135.2	134.2	134.2
65°	144.1	130.3	125.3	122.4	121.4	120.4	118.4	117.4	118.4	117.4	118.4
67.5°	112.5	110.5	107.6	105.6	104.6	103.6	103.6	102.6	102.6	102.6	102.6
70°	97.7	92.8	91.8	89.8	89.8	88.8	88.8	88.8	88.8	87.8	89.8
72.5°	80.9	78.0	77.0	76.0	76.0	76.0	75.0	75.0	75.0	74.0	75.0
75°	66.1	65.1	63.2	63.2	62.2	63.2	62.2	62.2	61.2	62.2	62.2
77.5°	53.3	52.3	51.3	51.3	50.3	50.3	50.3	50.3	50.3	50.3	51.3
80°	40.5	39.5	38.5	39.5	38.5	39.5	38.5	38.5	39.5	38.5	38.5
82.5°	29.6	28.6	28.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
85°	17.8	16.8	16.8	17.8	16.8	17.8	16.8	16.8	16.8	17.8	17.8
87.5°	7.9	8.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.9
90°	18.4	19.3	20.3	21.2	21.7	21.9	22.3	22.7	23.1	23.5	23.1
92.5°	21.3	21.7	22.0	22.4	22.6	22.7	22.9	23.1	23.3	23.5	23.3
95°	34.9	35.8	36.8	37.7	38.2	38.1	37.9	37.8	37.6	37.4	37.6
97.5°	44.9	45.5	46.0	46.6	46.9	47.0	47.2	47.4	47.6	47.8	47.6
100°	51.1	52.6	54.2	55.7	56.5	56.7	57.1	57.4	57.8	58.2	57.8
102.5°	53.4	55.5	57.6	59.7	60.8	61.1	61.7	62.3	62.9	63.5	62.9
105°	55.1	57.3	59.4	61.5	62.6	63.0	63.8	64.5	65.3	66.1	65.3
107.5°	56.9	59.0	61.1	63.2	64.3	64.7	65.5	66.2	67.0	67.8	67.0
110°	132.8	113.5	94.2	74.9	65.2	65.6	66.4	67.1	67.9	68.7	67.9

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	358.3	275.1	191.8	108.5	66.9	67.2	67.8	68.3	68.9	69.5	68.9
115°	446.9	357.5	268.0	178.6	133.9	126.9	113.0	99.1	85.2	71.3	85.2
117.5°	555.7	528.1	500.4	472.8	459.0	433.7	383.1	332.4	281.8	231.2	281.8
120°	639.5	641.8	644.1	646.4	647.6	634.6	608.5	582.4	556.4	530.3	556.4
122.5°	689.7	690.8	692.0	693.1	693.7	693.8	694.0	694.1	694.3	694.5	694.3
125°	735.9	737.2	738.6	739.9	740.6	740.9	741.5	742.0	742.6	743.2	742.6
127.5°	779.0	781.0	782.9	784.8	785.8	785.9	786.1	786.3	786.5	786.7	786.5
130°	820.1	822.2	824.3	826.4	827.5	827.4	827.2	827.1	826.9	826.7	826.9
132.5°	860.6	862.3	864.1	865.8	866.7	866.6	866.4	866.2	866.0	865.8	866.0
135°	898.1	900.1	902.0	903.9	904.9	904.7	904.3	904.0	903.6	903.2	903.6
137.5°	933.8	935.8	937.7	939.6	940.6	940.3	939.7	939.1	938.5	937.9	938.5
140°	968.4	970.1	971.9	973.6	974.5	974.0	973.0	972.1	971.1	970.1	971.1
142.5°	1000.3	1001.9	1003.4	1004.9	1005.7	1005.2	1004.3	1003.3	1002.4	1001.4	1002.4
145°	1029.7	1031.0	1032.4	1033.7	1034.4	1033.9	1033.0	1032.0	1031.1	1030.1	1031.1
147.5°	1056.3	1057.2	1058.2	1059.1	1059.6	1059.2	1058.5	1057.7	1057.0	1056.2	1057.0
150°	1080.0	1081.1	1082.3	1083.4	1084.0	1083.5	1082.5	1081.6	1080.6	1079.6	1080.6
152.5°	1101.7	1102.8	1104.0	1105.1	1105.7	1105.0	1103.7	1102.3	1101.0	1099.6	1101.0
155°	1120.8	1121.9	1123.1	1124.2	1124.8	1124.0	1122.5	1121.0	1119.4	1117.9	1119.4
157.5°	1137.5	1138.8	1140.2	1141.5	1142.2	1141.4	1139.9	1138.4	1136.8	1135.3	1136.8
160°	1152.1	1153.2	1154.4	1155.5	1156.1	1155.4	1154.1	1152.7	1151.4	1150.0	1151.4
162.5°	1165.3	1166.7	1168.0	1169.3	1170.0	1169.1	1167.4	1165.7	1163.9	1162.2	1163.9
165°	1175.8	1177.1	1178.5	1179.8	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1175.8
167.5°	1185.3	1186.6	1188.0	1189.3	1190.0	1189.1	1187.4	1185.7	1183.9	1182.2	1183.9
170°	1192.3	1193.6	1195.0	1196.3	1197.0	1196.1	1194.4	1192.7	1190.9	1189.2	1190.9
172.5°	1197.5	1198.8	1200.2	1201.5	1202.2	1201.3	1199.6	1197.9	1196.1	1194.4	1196.1
175°	1201.0	1202.3	1203.7	1205.0	1205.7	1204.7	1202.8	1200.9	1198.9	1197.0	1198.9
177.5°	1201.8	1203.2	1204.5	1205.8	1206.5	1205.6	1203.9	1202.2	1200.4	1198.7	1200.4
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1497.0	1490.1	1488.1	1490.1	1488.1	1489.1	1482.2	1456.5	1463.5	1452.6	1458.5
5°	1581.9	1576.0	1563.1	1561.2	1559.2	1557.2	1547.3	1524.6	1515.8	1501.0	1500.0
7.5°	1662.8	1662.8	1652.9	1646.0	1637.1	1630.2	1617.4	1583.8	1570.0	1552.3	1542.4
10°	1742.7	1717.1	1727.9	1721.0	1699.3	1695.4	1671.7	1651.9	1625.3	1607.5	1591.7
12.5°	1800.0	1792.1	1782.2	1776.3	1770.4	1757.5	1741.7	1691.4	1677.6	1642.1	1624.3
15°	1798.0	1793.1	1796.0	1796.0	1794.0	1791.1	1778.3	1741.7	1718.1	1683.5	1652.9
17.5°	1701.3	1714.1	1726.9	1735.8	1755.6	1764.4	1776.3	1754.6	1739.8	1710.2	1677.6
20°	1532.5	1564.1	1601.6	1609.5	1627.3	1679.6	1703.3	1722.0	1727.9	1718.1	1691.4
22.5°	1297.7	1324.3	1415.1	1413.1	1438.8	1501.0	1570.0	1626.3	1670.7	1695.4	1685.5
25°	1016.4	1053.9	1102.3	1138.8	1222.7	1315.4	1401.3	1491.1	1568.1	1636.2	1652.9
27.5°	768.7	818.1	856.6	904.9	947.3	1056.9	1167.4	1307.5	1397.3	1526.6	1593.7
30°	621.7	644.4	682.9	705.6	726.3	810.2	935.5	1073.7	1231.6	1380.6	1496.0
32.5°	530.9	546.7	575.3	585.2	606.9	663.1	742.1	868.4	1031.2	1211.8	1363.8
35°	476.6	493.4	499.3	508.2	526.0	561.5	615.8	707.6	854.6	1031.2	1212.8
37.5°	430.3	439.1	455.9	461.8	467.8	494.4	530.9	595.1	692.7	837.8	1039.1
40°	397.7	402.6	411.5	416.4	420.4	439.1	471.7	515.1	587.2	697.7	883.2
42.5°	363.2	369.1	375.0	380.9	385.8	400.6	420.4	461.8	510.2	594.1	728.3
45°	329.6	333.5	340.5	344.4	351.3	363.2	380.9	409.5	453.0	506.2	614.8
47.5°	299.0	303.9	306.9	311.8	316.8	329.6	346.4	365.1	400.6	453.0	531.9
50°	271.4	277.3	281.2	282.2	286.2	298.0	311.8	332.6	355.3	395.7	464.8
52.5°	251.6	252.6	255.6	259.5	258.5	265.5	278.3	294.1	317.8	350.3	400.6
55°	228.9	231.9	233.9	234.9	234.9	240.8	247.7	262.5	281.2	307.9	350.3
57.5°	200.3	203.3	209.2	211.2	214.1	217.1	220.1	229.9	245.7	271.4	305.9
60°	170.7	172.7	178.6	182.6	184.5	192.4	196.4	204.3	213.2	231.9	264.5
62.5°	137.2	139.1	142.1	146.0	150.0	161.8	171.7	179.6	186.5	199.3	226.0
65°	119.4	120.4	122.4	123.4	124.3	129.3	138.2	149.0	161.8	171.7	187.5
67.5°	103.6	104.6	105.6	107.6	108.6	109.5	113.5	116.4	129.3	143.1	154.9
70°	88.8	90.8	91.8	91.8	92.8	94.7	96.7	100.7	104.6	111.5	126.3
72.5°	75.0	76.0	78.0	78.0	78.0	79.9	81.9	83.9	85.9	89.8	95.7
75°	62.2	64.1	64.1	64.1	65.1	65.1	67.1	69.1	71.1	74.0	76.0
77.5°	51.3	51.3	51.3	51.3	52.3	52.3	53.3	55.3	56.2	57.2	59.2
80°	38.5	39.5	39.5	39.5	40.5	40.5	40.5	42.4	43.4	43.4	45.4
82.5°	28.6	28.6	28.6	29.6	28.6	29.6	29.6	30.6	29.6	30.6	31.6
85°	17.8	17.8	17.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7	19.7
87.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.9	8.9	8.9
90°	22.7	22.3	21.9	21.7	21.2	20.3	19.3	18.4	17.4	15.8	14.3
92.5°	23.1	22.9	22.7	22.6	22.4	22.0	21.7	21.3	20.9	20.3	19.7
95°	37.8	37.9	38.1	38.2	37.7	36.8	35.8	34.9	33.9	32.5	31.2
97.5°	47.4	47.2	47.0	46.9	46.6	46.0	45.5	44.9	44.3	41.2	38.1
100°	57.4	57.1	56.7	56.5	55.7	54.2	52.6	51.1	49.5	46.2	43.0
102.5°	62.3	61.7	61.1	60.8	59.7	57.6	55.5	53.4	51.3	46.5	121.6
105°	64.5	63.8	63.0	62.6	61.5	59.4	57.3	55.1	53.0	105.7	158.5
107.5°	66.2	65.5	64.7	64.3	63.2	61.1	59.0	56.9	54.8	119.9	185.0
110°	67.1	66.4	65.6	65.2	74.9	94.2	113.5	132.8	152.1	207.9	263.7

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	68.3	67.8	67.2	66.9	108.5	191.8	275.1	358.3	441.6	444.9	448.2
115°	99.1	113.0	126.9	133.9	178.6	268.0	357.5	446.9	536.3	531.5	526.7
117.5°	332.4	383.1	433.7	459.0	472.8	500.4	528.1	555.7	583.3	580.0	576.7
120°	582.4	608.5	634.6	647.6	646.4	644.1	641.8	639.5	637.2	633.7	630.2
122.5°	694.1	694.0	693.8	693.7	693.1	692.0	690.8	689.7	688.5	684.6	680.8
125°	742.0	741.5	740.9	740.6	739.9	738.6	737.2	735.9	734.5	730.8	727.2
127.5°	786.3	786.1	785.9	785.8	784.8	782.9	781.0	779.0	777.1	774.2	771.3
130°	827.1	827.2	827.4	827.5	826.4	824.3	822.2	820.1	818.0	815.9	813.7
132.5°	866.2	866.4	866.6	866.7	865.8	864.1	862.3	860.6	858.8	856.7	854.6
135°	904.0	904.3	904.7	904.9	903.9	902.0	900.1	898.1	896.2	894.5	892.7
137.5°	939.1	939.7	940.3	940.6	939.6	937.7	935.8	933.8	931.9	930.0	928.0
140°	972.1	973.0	974.0	974.5	973.6	971.9	970.1	968.4	966.6	964.5	962.4
142.5°	1003.3	1004.3	1005.2	1005.7	1004.9	1003.4	1001.9	1000.3	998.8	996.3	993.8
145°	1032.0	1033.0	1033.9	1034.4	1033.7	1032.4	1031.0	1029.7	1028.3	1025.0	1021.8
147.5°	1057.7	1058.5	1059.2	1059.6	1059.1	1058.2	1057.2	1056.3	1055.3	1052.0	1048.7
150°	1081.6	1082.5	1083.5	1084.0	1083.4	1082.3	1081.1	1080.0	1078.8	1075.7	1072.6
152.5°	1102.3	1103.7	1105.0	1105.7	1105.1	1104.0	1102.8	1101.7	1100.5	1097.6	1094.7
155°	1121.0	1122.5	1124.0	1124.8	1124.2	1123.1	1121.9	1120.8	1119.6	1117.3	1115.0
157.5°	1138.4	1139.9	1141.4	1142.2	1141.5	1140.2	1138.8	1137.5	1136.1	1134.4	1132.6
160°	1152.7	1154.1	1155.4	1156.1	1155.5	1154.4	1153.2	1152.1	1150.9	1149.7	1148.6
162.5°	1165.7	1167.4	1169.1	1170.0	1169.3	1168.0	1166.7	1165.3	1164.0	1163.0	1162.0
165°	1177.1	1178.5	1179.8	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1173.8	1173.2
167.5°	1185.7	1187.4	1189.1	1190.0	1189.3	1188.0	1186.6	1185.3	1183.9	1183.3	1182.7
170°	1192.7	1194.4	1196.1	1197.0	1196.3	1195.0	1193.6	1192.3	1190.9	1190.5	1190.1
172.5°	1197.9	1199.6	1201.3	1202.2	1201.5	1200.2	1198.8	1197.5	1196.1	1195.7	1195.3
175°	1200.9	1202.8	1204.7	1205.7	1205.0	1203.7	1202.3	1201.0	1199.6	1199.2	1198.8
177.5°	1202.2	1203.9	1205.6	1206.5	1205.8	1204.5	1203.2	1201.8	1200.5	1200.3	1200.1
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1449.6	1444.7	1444.7	1441.7	1441.7	1426.0	1426.0	1430.9	1425.0	1418.1	1408.2
5°	1487.1	1476.3	1473.3	1469.4	1456.5	1436.8	1428.9	1426.0	1414.1	1399.3	1382.5
7.5°	1522.7	1504.9	1496.0	1487.1	1470.4	1442.7	1426.9	1416.1	1398.3	1375.6	1353.9
10°	1557.2	1534.5	1511.8	1501.0	1477.3	1442.7	1420.0	1402.3	1376.6	1346.0	1315.4
12.5°	1588.8	1541.4	1537.5	1515.8	1481.2	1441.7	1407.2	1381.6	1349.0	1313.5	1277.9
15°	1616.4	1568.1	1544.4	1524.6	1479.2	1429.9	1393.4	1361.8	1318.4	1277.9	1234.5
17.5°	1630.2	1577.9	1562.1	1529.6	1483.2	1419.1	1369.7	1331.2	1283.9	1235.5	1186.2
20°	1644.0	1582.9	1557.2	1534.5	1471.4	1398.3	1343.1	1298.7	1246.4	1189.1	1134.8
22.5°	1651.0	1582.9	1552.3	1520.7	1459.5	1375.6	1310.5	1258.2	1197.0	1138.8	1073.7
25°	1639.1	1576.9	1540.4	1507.9	1438.8	1348.0	1273.0	1213.8	1148.7	1082.5	1016.4
27.5°	1609.5	1563.1	1520.7	1487.1	1410.2	1312.5	1233.5	1166.4	1099.3	1025.3	958.2
30°	1554.2	1533.5	1500.0	1462.5	1378.6	1280.9	1187.1	1118.1	1044.1	970.0	900.0
32.5°	1468.4	1486.2	1464.4	1431.9	1341.1	1237.5	1137.8	1067.7	986.8	906.9	842.7
35°	1363.8	1426.9	1415.1	1392.4	1301.6	1191.1	1091.4	1006.6	925.6	844.7	780.6
37.5°	1249.3	1345.0	1354.9	1341.1	1256.2	1143.7	1034.2	951.3	868.4	786.5	721.4
40°	1092.4	1239.4	1271.0	1276.9	1208.9	1086.5	972.0	891.1	809.2	729.3	650.3
42.5°	948.3	1133.9	1173.3	1198.0	1148.7	1030.2	914.8	825.0	744.1	672.0	593.1
45°	813.1	1006.6	1070.7	1102.3	1080.6	966.1	846.7	762.8	688.8	622.7	546.7
47.5°	674.0	868.4	958.2	1008.5	1008.5	901.0	781.6	698.7	627.6	571.4	504.3
50°	581.2	743.1	835.8	902.0	919.7	834.9	722.4	641.4	574.3	513.1	461.8
52.5°	495.4	640.4	717.4	786.5	837.8	763.8	656.2	583.2	517.1	459.9	419.4
55°	428.3	536.8	606.9	682.9	740.1	691.8	592.1	521.0	463.8	416.4	381.9
57.5°	364.1	458.9	516.1	583.2	644.4	607.9	527.9	466.8	416.4	375.0	344.4
60°	309.9	386.8	431.2	483.5	559.5	533.9	467.8	411.5	371.0	333.5	307.9
62.5°	263.5	324.7	362.2	399.7	468.7	456.9	405.6	362.2	327.6	296.0	274.3
65°	216.1	266.4	296.0	328.6	383.9	388.8	347.4	316.8	285.2	257.6	237.8
67.5°	174.7	214.1	240.8	268.4	312.8	326.6	298.0	272.4	245.7	223.0	205.3
70°	141.1	168.7	188.5	210.2	246.7	263.5	248.7	230.9	209.2	190.5	174.7
72.5°	111.5	129.3	141.1	157.9	187.5	204.3	203.3	187.5	171.7	158.9	146.0
75°	81.9	95.7	105.6	116.4	140.1	155.9	159.9	153.0	137.2	127.3	117.4
77.5°	62.2	70.1	75.0	82.9	99.7	113.5	119.4	117.4	106.6	98.7	91.8
80°	47.4	49.3	51.3	54.3	68.1	80.9	84.9	83.9	78.0	75.0	67.1
82.5°	33.6	34.5	35.5	36.5	41.4	52.3	56.2	58.2	53.3	50.3	43.4
85°	19.7	20.7	20.7	22.7	23.7	26.6	33.6	33.6	32.6	28.6	27.6
87.5°	9.9	9.9	8.9	8.9	9.9	10.9	12.8	14.8	12.8	11.8	10.9
90°	12.7	11.2	10.4	9.3	7.2	5.1	3.0	0.9	3.0	5.1	7.2
92.5°	19.2	18.6	18.3	18.7	19.4	20.2	20.9	21.7	20.9	20.2	19.4
95°	29.8	28.5	27.8	31.0	37.4	43.7	50.1	56.5	50.1	43.7	37.4
97.5°	35.0	31.9	30.4	38.3	54.2	70.0	85.9	101.7	85.9	70.0	54.2
100°	39.7	36.4	34.8	48.0	74.5	101.0	127.4	153.9	127.4	101.0	74.5
102.5°	156.8	191.9	209.5	209.7	210.1	210.4	210.8	211.2	210.8	210.4	210.1
105°	211.2	263.9	290.3	287.4	281.6	275.9	270.1	264.3	270.1	275.9	281.6
107.5°	250.1	315.2	347.7	345.3	340.5	335.6	330.8	326.0	330.8	335.6	340.5
110°	319.6	375.4	403.3	401.3	397.2	393.2	389.1	385.1	389.1	393.2	397.2

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	451.5	454.8	456.4	454.7	451.2	447.7	444.2	440.7	444.2	447.7	451.2
115°	521.8	517.0	514.6	513.0	509.7	506.4	503.1	499.8	503.1	506.4	509.7
117.5°	573.4	570.1	568.5	566.6	562.7	558.8	555.0	551.1	555.0	558.8	562.7
120°	626.7	623.2	621.5	620.1	617.2	614.3	611.4	608.5	611.4	614.3	617.2
122.5°	676.9	673.0	671.1	669.6	666.5	663.4	660.3	657.2	660.3	663.4	666.5
125°	723.5	719.8	718.0	716.7	714.2	711.7	709.2	706.7	709.2	711.7	714.2
127.5°	768.4	765.5	764.1	762.7	760.0	757.3	754.6	751.9	754.6	757.3	760.0
130°	811.6	809.5	808.4	806.9	803.8	800.7	797.6	794.5	797.6	800.7	803.8
132.5°	852.5	850.4	849.3	848.0	845.5	843.0	840.5	838.0	840.5	843.0	845.5
135°	891.0	889.3	888.4	886.9	883.8	880.7	877.6	874.5	877.6	880.7	883.8
137.5°	926.1	924.2	923.2	922.0	919.7	917.4	915.0	912.7	915.0	917.4	919.7
140°	960.3	958.2	957.1	956.3	954.8	953.2	951.7	950.1	951.7	953.2	954.8
142.5°	991.3	988.8	987.5	986.8	985.5	984.1	982.8	981.4	982.8	984.1	985.5
145°	1018.5	1015.2	1013.6	1013.7	1013.9	1014.0	1014.2	1014.4	1014.2	1014.0	1013.9
147.5°	1045.4	1042.1	1040.5	1040.8	1041.4	1041.9	1042.5	1043.1	1042.5	1041.9	1041.4
150°	1069.5	1066.4	1064.9	1065.6	1066.9	1068.2	1069.6	1070.9	1069.6	1068.2	1066.9
152.5°	1091.8	1088.9	1087.5	1088.3	1089.8	1091.3	1092.9	1094.4	1092.9	1091.3	1089.8
155°	1112.7	1110.4	1109.2	1110.1	1111.8	1113.5	1115.3	1117.0	1115.3	1113.5	1111.8
157.5°	1130.9	1129.2	1128.3	1129.1	1130.6	1132.2	1133.7	1135.3	1133.7	1132.2	1130.6
160°	1147.4	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9	1149.7	1148.6	1147.4
162.5°	1161.1	1160.1	1159.6	1160.2	1161.3	1162.5	1163.6	1164.8	1163.6	1162.5	1161.3
165°	1172.7	1172.1	1171.8	1172.4	1173.5	1174.7	1175.8	1177.0	1175.8	1174.7	1173.5
167.5°	1182.2	1181.6	1181.3	1181.9	1183.1	1184.2	1185.4	1186.6	1185.4	1184.2	1183.1
170°	1189.8	1189.4	1189.2	1189.8	1190.9	1192.1	1193.2	1194.4	1193.2	1192.1	1190.9
172.5°	1195.0	1194.6	1194.4	1195.0	1196.1	1197.3	1198.4	1199.6	1198.4	1197.3	1196.1
175°	1198.5	1198.1	1197.9	1198.6	1199.9	1201.2	1202.6	1203.9	1202.6	1201.2	1199.9
177.5°	1199.9	1199.7	1199.6	1200.3	1201.6	1203.0	1204.3	1205.7	1204.3	1203.0	1201.6
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1404.2	1405.2	1408.2	1399.3	1385.5	1379.6	1361.8	1358.9	1355.9	1355.9	1358.9
5°	1372.7	1368.7	1369.7	1352.9	1333.2	1321.4	1296.7	1300.6	1287.8	1279.9	1281.9
7.5°	1338.1	1327.3	1326.3	1304.6	1279.9	1258.2	1232.5	1226.6	1214.8	1201.0	1195.0
10°	1294.7	1286.8	1272.0	1247.3	1215.8	1198.0	1163.5	1142.7	1139.8	1119.1	1111.2
12.5°	1250.3	1236.5	1221.7	1187.1	1151.6	1123.0	1097.3	1074.6	1058.9	1041.1	1029.3
15°	1199.0	1182.2	1165.4	1128.9	1087.5	1058.9	1020.4	986.8	940.4	903.9	883.2
17.5°	1142.7	1124.0	1101.3	1060.8	1020.4	980.9	909.8	870.4	837.8	816.1	803.3
20°	1084.5	1063.8	1041.1	1000.6	930.6	861.5	822.0	791.4	771.7	750.0	734.2
22.5°	1023.3	1001.6	977.0	913.8	839.8	791.4	760.8	732.2	703.6	691.8	683.9
25°	966.1	946.4	914.8	828.9	770.7	726.3	691.8	673.0	658.2	642.4	627.6
27.5°	906.9	870.4	826.0	753.9	717.4	672.0	647.4	633.5	607.9	597.0	590.1
30°	835.8	795.4	752.9	701.6	659.2	627.6	604.9	582.2	567.4	556.6	544.7
32.5°	763.8	725.3	698.7	645.4	613.8	581.2	559.5	545.7	524.0	517.1	512.2
35°	701.6	669.1	645.4	602.0	572.4	542.8	527.0	506.2	492.4	479.6	471.7
37.5°	640.4	622.7	598.0	561.5	529.9	506.2	484.5	477.6	458.9	452.0	444.1
40°	598.0	571.4	550.6	519.1	492.4	466.8	453.0	437.2	424.3	413.5	410.5
42.5°	546.7	527.0	515.1	480.6	453.0	438.1	421.4	403.6	393.7	384.9	374.0
45°	508.2	490.5	473.7	446.0	421.4	402.6	387.8	376.0	359.2	355.3	338.5
47.5°	467.8	450.0	437.2	409.5	386.8	369.1	358.2	342.4	328.6	319.7	311.8
50°	427.3	412.5	400.6	377.0	357.2	338.5	323.7	307.9	302.0	287.2	282.2
52.5°	388.8	378.9	366.1	343.4	323.7	307.9	292.1	279.3	270.4	262.5	256.6
55°	356.2	340.5	334.5	309.9	293.1	276.3	262.5	254.6	243.7	238.8	233.9
57.5°	319.7	310.8	301.0	282.2	263.5	247.7	237.8	226.0	220.1	214.1	210.2
60°	288.2	275.3	267.4	251.6	234.9	220.1	211.2	202.3	194.4	189.5	181.6
62.5°	251.6	241.8	236.8	220.1	206.2	192.4	184.5	175.7	169.7	160.9	151.0
65°	220.1	212.2	206.2	192.4	179.6	166.8	158.9	148.0	140.1	135.2	134.2
67.5°	192.4	186.5	177.6	164.8	152.0	142.1	133.2	124.3	123.4	121.4	121.4
70°	161.8	155.9	151.0	137.2	126.3	115.5	113.5	110.5	107.6	106.6	104.6
72.5°	135.2	130.3	124.3	112.5	101.6	98.7	96.7	94.7	91.8	90.8	89.8
75°	109.5	102.6	98.7	87.8	84.9	82.9	80.9	78.0	76.0	75.0	73.0
77.5°	83.9	77.0	77.0	71.1	69.1	66.1	64.1	62.2	61.2	59.2	59.2
80°	59.2	59.2	57.2	54.3	51.3	50.3	47.4	46.4	45.4	46.4	44.4
82.5°	43.4	39.5	39.5	37.5	35.5	34.5	32.6	32.6	31.6	31.6	31.6
85°	24.7	24.7	23.7	21.7	20.7	20.7	19.7	19.7	18.7	18.7	17.8
87.5°	9.9	8.9	9.9	8.9	8.9	7.9	7.9	7.9	6.9	7.9	6.9
90°	9.3	10.4	11.2	12.7	14.3	15.8	17.4	18.4	19.3	20.3	21.2
92.5°	18.7	18.3	18.6	19.2	19.7	20.3	20.9	21.3	21.7	22.0	22.4
95°	31.0	27.8	28.5	29.8	31.2	32.5	33.9	34.9	35.8	36.8	37.7
97.5°	38.3	30.4	31.9	35.0	38.1	41.2	44.3	44.9	45.5	46.0	46.6
100°	48.0	34.8	36.4	39.7	43.0	46.2	49.5	51.1	52.6	54.2	55.7
102.5°	209.7	209.5	191.9	156.8	121.6	86.5	51.3	53.4	55.5	57.6	59.7
105°	287.4	290.3	263.9	211.2	158.5	105.7	53.0	55.1	57.3	59.4	61.5
107.5°	345.3	347.7	315.2	250.1	185.0	119.9	54.8	56.9	59.0	61.1	63.2
110°	401.3	403.3	375.4	319.6	263.7	207.9	152.1	132.8	113.5	94.2	74.9

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	454.7	456.4	454.8	451.5	448.2	444.9	441.6	358.3	275.1	191.8	108.5
115°	513.0	514.6	517.0	521.8	526.7	531.5	536.3	446.9	357.5	268.0	178.6
117.5°	566.6	568.5	570.1	573.4	576.7	580.0	583.3	555.7	528.1	500.4	472.8
120°	620.1	621.5	623.2	626.7	630.2	633.7	637.2	639.5	641.8	644.1	646.4
122.5°	669.6	671.1	673.0	676.9	680.8	684.6	688.5	689.7	690.8	692.0	693.1
125°	716.7	718.0	719.8	723.5	727.2	730.8	734.5	735.9	737.2	738.6	739.9
127.5°	762.7	764.1	765.5	768.4	771.3	774.2	777.1	779.0	781.0	782.9	784.8
130°	806.9	808.4	809.5	811.6	813.7	815.9	818.0	820.1	822.2	824.3	826.4
132.5°	848.0	849.3	850.4	852.5	854.6	856.7	858.8	860.6	862.3	864.1	865.8
135°	886.9	888.4	889.3	891.0	892.7	894.5	896.2	898.1	900.1	902.0	903.9
137.5°	922.0	923.2	924.2	926.1	928.0	930.0	931.9	933.8	935.8	937.7	939.6
140°	956.3	957.1	958.2	960.3	962.4	964.5	966.6	968.4	970.1	971.9	973.6
142.5°	986.8	987.5	988.8	991.3	993.8	996.3	998.8	1000.3	1001.9	1003.4	1004.9
145°	1013.7	1013.6	1015.2	1018.5	1021.8	1025.0	1028.3	1029.7	1031.0	1032.4	1033.7
147.5°	1040.8	1040.5	1042.1	1045.4	1048.7	1052.0	1055.3	1056.3	1057.2	1058.2	1059.1
150°	1065.6	1064.9	1066.4	1069.5	1072.6	1075.7	1078.8	1080.0	1081.1	1082.3	1083.4
152.5°	1088.3	1087.5	1088.9	1091.8	1094.7	1097.6	1100.5	1101.7	1102.8	1104.0	1105.1
155°	1110.1	1109.2	1110.4	1112.7	1115.0	1117.3	1119.6	1120.8	1121.9	1123.1	1124.2
157.5°	1129.1	1128.3	1129.2	1130.9	1132.6	1134.4	1136.1	1137.5	1138.8	1140.2	1141.5
160°	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9	1152.1	1153.2	1154.4	1155.5
162.5°	1160.2	1159.6	1160.1	1161.1	1162.0	1163.0	1164.0	1165.3	1166.7	1168.0	1169.3
165°	1172.4	1171.8	1172.1	1172.7	1173.2	1173.8	1174.4	1175.8	1177.1	1178.5	1179.8
167.5°	1181.9	1181.3	1181.6	1182.2	1182.7	1183.3	1183.9	1185.3	1186.6	1188.0	1189.3
170°	1189.8	1189.2	1189.4	1189.8	1190.1	1190.5	1190.9	1192.3	1193.6	1195.0	1196.3
172.5°	1195.0	1194.4	1194.6	1195.0	1195.3	1195.7	1196.1	1197.5	1198.8	1200.2	1201.5
175°	1198.6	1197.9	1198.1	1198.5	1198.8	1199.2	1199.6	1201.0	1202.3	1203.7	1205.0
177.5°	1200.3	1199.6	1199.7	1199.9	1200.1	1200.3	1200.5	1201.8	1203.2	1204.5	1205.8
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1358.9	1356.9	1351.0	1352.9	1350.0	1350.0	1348.0	1348.0	1348.0	1352.9	1350.0
5°	1284.8	1277.9	1271.0	1268.1	1265.1	1262.1	1262.1	1261.2	1270.0	1268.1	1276.0
7.5°	1193.1	1191.1	1177.3	1177.3	1172.3	1170.4	1175.3	1176.3	1177.3	1179.3	1184.2
10°	1111.2	1106.2	1086.5	1088.5	1085.5	1081.6	1084.5	1082.5	1089.5	1091.4	1089.5
12.5°	1014.5	1005.6	983.9	973.0	961.2	952.3	963.1	955.2	982.9	990.8	1012.5
15°	886.2	869.4	854.6	854.6	843.7	835.8	840.8	849.7	855.6	864.5	868.4
17.5°	800.3	793.4	781.6	774.7	771.7	768.7	768.7	772.7	785.5	784.5	792.4
20°	727.3	723.3	717.4	708.5	705.6	703.6	703.6	703.6	712.5	720.4	725.3
22.5°	677.0	674.0	670.1	658.2	652.3	650.3	655.2	658.2	665.1	671.0	676.0
25°	626.6	619.7	612.8	608.9	605.9	605.9	607.9	608.9	611.8	614.8	620.7
27.5°	585.2	580.3	570.4	559.5	559.5	556.6	558.5	560.5	567.4	577.3	582.2
30°	538.8	537.8	533.9	529.9	526.0	524.0	527.9	530.9	531.9	536.8	536.8
32.5°	505.3	498.3	491.4	487.5	485.5	484.5	485.5	489.5	489.5	495.4	502.3
35°	471.7	467.8	460.8	453.9	452.0	447.0	451.0	454.9	461.8	464.8	467.8
37.5°	435.2	430.3	427.3	425.3	421.4	422.4	419.4	425.3	431.2	430.3	432.2
40°	407.6	398.7	389.8	388.8	387.8	386.8	386.8	387.8	391.8	395.7	401.6
42.5°	372.0	369.1	361.2	353.3	351.3	349.3	347.4	351.3	359.2	366.1	369.1
45°	335.5	331.6	329.6	323.7	319.7	318.7	316.8	321.7	328.6	331.6	333.5
47.5°	302.0	301.0	295.1	296.0	293.1	294.1	293.1	296.0	296.0	299.0	301.0
50°	279.3	276.3	273.3	271.4	268.4	268.4	267.4	268.4	272.4	276.3	275.3
52.5°	256.6	251.6	250.7	249.7	247.7	249.7	246.7	247.7	251.6	253.6	252.6
55°	229.9	228.9	227.0	225.0	224.0	223.0	223.0	223.0	227.0	229.9	230.9
57.5°	209.2	204.3	200.3	200.3	196.4	195.4	197.4	198.4	201.3	203.3	205.3
60°	180.6	178.6	172.7	169.7	163.8	162.8	162.8	166.8	171.7	178.6	180.6
62.5°	150.0	147.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	147.0	147.0
65°	133.2	134.2	133.2	132.2	133.2	133.2	132.2	132.2	132.2	133.2	134.2
67.5°	119.4	118.4	119.4	118.4	117.4	117.4	116.4	117.4	118.4	119.4	119.4
70°	103.6	103.6	102.6	103.6	102.6	101.6	100.7	100.7	102.6	103.6	103.6
72.5°	88.8	88.8	87.8	87.8	85.9	85.9	86.8	85.9	85.9	88.8	88.8
75°	74.0	73.0	72.0	72.0	71.1	71.1	71.1	70.1	72.0	72.0	73.0
77.5°	58.2	58.2	58.2	57.2	57.2	56.2	56.2	57.2	57.2	57.2	58.2
80°	44.4	44.4	44.4	43.4	42.4	42.4	42.4	42.4	42.4	43.4	42.4
82.5°	30.6	30.6	30.6	30.6	30.6	29.6	29.6	29.6	30.6	30.6	29.6
85°	18.7	17.8	18.7	18.7	17.8	18.7	17.8	17.8	16.8	16.8	17.8
87.5°	7.9	6.9	5.9	5.9	6.9	5.9	5.9	5.9	6.9	5.9	5.9
90°	21.7	21.9	22.3	22.7	23.1	23.5	23.1	22.7	22.3	21.9	21.7
92.5°	22.6	22.7	22.9	23.1	23.3	23.5	23.3	23.1	22.9	22.7	22.6
95°	38.2	38.1	37.9	37.8	37.6	37.4	37.6	37.8	37.9	38.1	38.2
97.5°	46.9	47.0	47.2	47.4	47.6	47.8	47.6	47.4	47.2	47.0	46.9
100°	56.5	56.7	57.1	57.4	57.8	58.2	57.8	57.4	57.1	56.7	56.5
102.5°	60.8	61.1	61.7	62.3	62.9	63.5	62.9	62.3	61.7	61.1	60.8
105°	62.6	63.0	63.8	64.5	65.3	66.1	65.3	64.5	63.8	63.0	62.6
107.5°	64.3	64.7	65.5	66.2	67.0	67.8	67.0	66.2	65.5	64.7	64.3
110°	65.2	65.6	66.4	67.1	67.9	68.7	67.9	67.1	66.4	65.6	65.2



TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	66.9	67.2	67.8	68.3	68.9	69.5	68.9	68.3	67.8	67.2	66.9
115°	133.9	126.9	113.0	99.1	85.2	71.3	85.2	99.1	113.0	126.9	133.9
117.5°	459.0	433.7	383.1	332.4	281.8	231.2	281.8	332.4	383.1	433.7	459.0
120°	647.6	634.6	608.5	582.4	556.4	530.3	556.4	582.4	608.5	634.6	647.6
122.5°	693.7	693.8	694.0	694.1	694.3	694.5	694.3	694.1	694.0	693.8	693.7
125°	740.6	740.9	741.5	742.0	742.6	743.2	742.6	742.0	741.5	740.9	740.6
127.5°	785.8	785.9	786.1	786.3	786.5	786.7	786.5	786.3	786.1	785.9	785.8
130°	827.5	827.4	827.2	827.1	826.9	826.7	826.9	827.1	827.2	827.4	827.5
132.5°	866.7	866.6	866.4	866.2	866.0	865.8	866.0	866.2	866.4	866.6	866.7
135°	904.9	904.7	904.3	904.0	903.6	903.2	903.6	904.0	904.3	904.7	904.9
137.5°	940.6	940.3	939.7	939.1	938.5	937.9	938.5	939.1	939.7	940.3	940.6
140°	974.5	974.0	973.0	972.1	971.1	970.1	971.1	972.1	973.0	974.0	974.5
142.5°	1005.7	1005.2	1004.3	1003.3	1002.4	1001.4	1002.4	1003.3	1004.3	1005.2	1005.7
145°	1034.4	1033.9	1033.0	1032.0	1031.1	1030.1	1031.1	1032.0	1033.0	1033.9	1034.4
147.5°	1059.6	1059.2	1058.5	1057.7	1057.0	1056.2	1057.0	1057.7	1058.5	1059.2	1059.6
150°	1084.0	1083.5	1082.5	1081.6	1080.6	1079.6	1080.6	1081.6	1082.5	1083.5	1084.0
152.5°	1105.7	1105.0	1103.7	1102.3	1101.0	1099.6	1101.0	1102.3	1103.7	1105.0	1105.7
155°	1124.8	1124.0	1122.5	1121.0	1119.4	1117.9	1119.4	1121.0	1122.5	1124.0	1124.8
157.5°	1142.2	1141.4	1139.9	1138.4	1136.8	1135.3	1136.8	1138.4	1139.9	1141.4	1142.2
160°	1156.1	1155.4	1154.1	1152.7	1151.4	1150.0	1151.4	1152.7	1154.1	1155.4	1156.1
162.5°	1170.0	1169.1	1167.4	1165.7	1163.9	1162.2	1163.9	1165.7	1167.4	1169.1	1170.0
165°	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1175.8	1177.1	1178.5	1179.8	1180.5
167.5°	1190.0	1189.1	1187.4	1185.7	1183.9	1182.2	1183.9	1185.7	1187.4	1189.1	1190.0
170°	1197.0	1196.1	1194.4	1192.7	1190.9	1189.2	1190.9	1192.7	1194.4	1196.1	1197.0
172.5°	1202.2	1201.3	1199.6	1197.9	1196.1	1194.4	1196.1	1197.9	1199.6	1201.3	1202.2
175°	1205.7	1204.7	1202.8	1200.9	1198.9	1197.0	1198.9	1200.9	1202.8	1204.7	1205.7
177.5°	1206.5	1205.6	1203.9	1202.2	1200.4	1198.7	1200.4	1202.2	1203.9	1205.6	1206.5
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1352.9	1357.9	1355.9	1345.0	1355.9	1358.9	1364.8	1370.7	1374.6	1380.6	1385.5
5°	1268.1	1277.9	1283.9	1277.9	1297.7	1300.6	1314.4	1322.3	1334.2	1344.1	1351.9
7.5°	1188.1	1196.0	1207.9	1209.8	1221.7	1235.5	1255.2	1275.0	1293.7	1303.6	1312.5
10°	1102.3	1116.1	1133.9	1129.9	1147.7	1169.4	1190.1	1221.7	1237.5	1255.2	1271.0
12.5°	1016.4	1025.3	1049.0	1056.9	1082.5	1099.3	1127.9	1147.7	1187.1	1207.9	1221.7
15°	866.4	902.9	932.5	968.1	1001.6	1033.2	1058.9	1094.4	1128.9	1144.7	1167.4
17.5°	798.3	815.1	832.9	850.6	894.1	950.3	995.7	1034.2	1063.8	1084.5	1111.2
20°	727.3	744.1	763.8	780.6	807.2	847.7	903.9	970.0	1005.6	1027.3	1052.9
22.5°	677.0	692.7	705.6	720.4	741.1	770.7	813.1	895.0	942.4	969.1	991.8
25°	622.7	642.4	656.2	667.1	683.9	716.4	751.0	797.4	882.2	902.9	934.5
27.5°	585.2	591.1	606.9	623.7	640.4	658.2	693.7	733.2	790.4	835.8	874.3
30°	540.8	555.6	570.4	577.3	592.1	617.8	639.5	681.9	726.3	761.8	808.2
32.5°	507.2	516.1	526.0	542.8	556.6	574.3	596.0	631.6	669.1	691.8	727.3
35°	469.7	475.6	496.4	503.3	517.1	534.9	556.6	584.2	624.7	642.4	668.1
37.5°	434.2	448.0	453.9	469.7	482.6	500.3	516.1	547.7	574.3	595.1	618.7
40°	406.6	412.5	423.3	437.2	448.0	461.8	481.6	504.3	532.9	549.7	570.4
42.5°	373.0	378.0	391.8	399.7	417.4	430.3	442.1	469.7	495.4	508.2	528.9
45°	336.5	348.3	357.2	373.0	382.9	398.7	413.5	433.2	456.9	471.7	483.5
47.5°	304.9	316.8	325.7	340.5	356.2	363.2	378.9	399.7	421.4	433.2	450.0
50°	279.3	283.2	300.0	306.9	323.7	337.5	348.3	366.1	389.8	396.7	410.5
52.5°	254.6	257.6	268.4	277.3	292.1	303.9	317.8	334.5	354.3	365.1	376.0
55°	232.9	234.9	239.8	249.7	259.5	274.3	287.2	303.0	319.7	331.6	341.4
57.5°	208.2	212.2	216.1	222.0	231.9	245.7	259.5	274.3	288.2	296.0	308.9
60°	179.6	185.5	192.4	199.3	206.2	216.1	231.9	245.7	258.5	265.5	275.3
62.5°	149.0	160.9	166.8	174.7	180.6	189.5	201.3	217.1	226.0	234.9	242.8
65°	134.2	135.2	136.2	144.1	154.9	163.8	174.7	186.5	200.3	206.2	212.2
67.5°	119.4	120.4	122.4	123.4	127.3	137.2	149.0	161.8	172.7	176.6	182.6
70°	104.6	104.6	108.6	109.5	110.5	111.5	121.4	134.2	144.1	149.0	155.9
72.5°	88.8	89.8	91.8	92.8	94.7	96.7	99.7	106.6	118.4	123.4	131.2
75°	73.0	74.0	75.0	76.0	78.9	79.9	82.9	86.8	91.8	97.7	102.6
77.5°	58.2	58.2	59.2	61.2	63.2	64.1	67.1	69.1	71.1	74.0	78.0
80°	43.4	44.4	44.4	46.4	46.4	47.4	48.4	51.3	53.3	55.3	57.2
82.5°	29.6	31.6	31.6	31.6	32.6	33.6	34.5	34.5	36.5	37.5	40.5
85°	17.8	18.7	18.7	18.7	17.8	19.7	19.7	20.7	20.7	20.7	21.7
87.5°	6.9	5.9	6.9	6.9	6.9	7.9	6.9	6.9	7.9	8.9	8.9
90°	21.2	20.3	19.3	18.4	17.4	15.8	14.3	12.7	11.2	10.4	9.3
92.5°	22.4	22.0	21.7	21.3	20.9	20.3	19.7	19.2	18.6	18.3	18.7
95°	37.7	36.8	35.8	34.9	33.9	32.5	31.2	29.8	28.5	27.8	31.0
97.5°	46.6	46.0	45.5	44.9	44.3	41.2	38.1	35.0	31.9	30.4	38.3
100°	55.7	54.2	52.6	51.1	49.5	46.2	43.0	39.7	36.4	34.8	48.0
102.5°	59.7	57.6	55.5	53.4	51.3	86.5	121.6	156.8	191.9	209.5	209.7
105°	61.5	59.4	57.3	55.1	53.0	105.7	158.5	211.2	263.9	290.3	287.4
107.5°	63.2	61.1	59.0	56.9	54.8	119.9	185.0	250.1	315.2	347.7	345.3
110°	74.9	94.2	113.5	132.8	152.1	207.9	263.7	319.6	375.4	403.3	401.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	108.5	191.8	275.1	358.3	441.6	444.9	448.2	451.5	454.8	456.4	454.7
115°	178.6	268.0	357.5	446.9	536.3	531.5	526.7	521.8	517.0	514.6	513.0
117.5°	472.8	500.4	528.1	555.7	583.3	580.0	576.7	573.4	570.1	568.5	566.6
120°	646.4	644.1	641.8	639.5	637.2	633.7	630.2	626.7	623.2	621.5	620.1
122.5°	693.1	692.0	690.8	689.7	688.5	684.6	680.8	676.9	673.0	671.1	669.6
125°	739.9	738.6	737.2	735.9	734.5	730.8	727.2	723.5	719.8	718.0	716.7
127.5°	784.8	782.9	781.0	779.0	777.1	774.2	771.3	768.4	765.5	764.1	762.7
130°	826.4	824.3	822.2	820.1	818.0	815.9	813.7	811.6	809.5	808.4	806.9
132.5°	865.8	864.1	862.3	860.6	858.8	856.7	854.6	852.5	850.4	849.3	848.0
135°	903.9	902.0	900.1	898.1	896.2	894.5	892.7	891.0	889.3	888.4	886.9
137.5°	939.6	937.7	935.8	933.8	931.9	930.0	928.0	926.1	924.2	923.2	922.0
140°	973.6	971.9	970.1	968.4	966.6	964.5	962.4	960.3	958.2	957.1	956.3
142.5°	1004.9	1003.4	1001.9	1000.3	998.8	996.3	993.8	991.3	988.8	987.5	986.8
145°	1033.7	1032.4	1031.0	1029.7	1028.3	1025.0	1021.8	1018.5	1015.2	1013.6	1013.7
147.5°	1059.1	1058.2	1057.2	1056.3	1055.3	1052.0	1048.7	1045.4	1042.1	1040.5	1040.8
150°	1083.4	1082.3	1081.1	1080.0	1078.8	1075.7	1072.6	1069.5	1066.4	1064.9	1065.6
152.5°	1105.1	1104.0	1102.8	1101.7	1100.5	1097.6	1094.7	1091.8	1088.9	1087.5	1088.3
155°	1124.2	1123.1	1121.9	1120.8	1119.6	1117.3	1115.0	1112.7	1110.4	1109.2	1110.1
157.5°	1141.5	1140.2	1138.8	1137.5	1136.1	1134.4	1132.6	1130.9	1129.2	1128.3	1129.1
160°	1155.5	1154.4	1153.2	1152.1	1150.9	1149.7	1148.6	1147.4	1146.3	1145.7	1146.3
162.5°	1169.3	1168.0	1166.7	1165.3	1164.0	1163.0	1162.0	1161.1	1160.1	1159.6	1160.2
165°	1179.8	1178.5	1177.1	1175.8	1174.4	1173.8	1173.2	1172.7	1172.1	1171.8	1172.4
167.5°	1189.3	1188.0	1186.6	1185.3	1183.9	1183.3	1182.7	1182.2	1181.6	1181.3	1181.9
170°	1196.3	1195.0	1193.6	1192.3	1190.9	1190.5	1190.1	1189.8	1189.4	1189.2	1189.8
172.5°	1201.5	1200.2	1198.8	1197.5	1196.1	1195.7	1195.3	1195.0	1194.6	1194.4	1195.0
175°	1205.0	1203.7	1202.3	1201.0	1199.6	1199.2	1198.8	1198.5	1198.1	1197.9	1198.6
177.5°	1205.8	1204.5	1203.2	1201.8	1200.5	1200.3	1200.1	1199.9	1199.7	1199.6	1200.3
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1420.0	1420.0	1420.0	1420.0
2.5°	1394.4	1391.4	1409.2	1428.9
5°	1365.8	1370.7	1393.4	1421.0
7.5°	1336.2	1347.0	1373.7	1410.2
10°	1294.7	1314.4	1354.9	1392.4
12.5°	1254.3	1280.9	1319.4	1363.8
15°	1208.9	1238.5	1285.8	1339.1
17.5°	1158.5	1192.1	1247.3	1305.6
20°	1105.2	1149.6	1207.9	1271.0
22.5°	1046.0	1099.3	1159.5	1229.6
25°	988.8	1047.0	1107.2	1188.1
27.5°	932.5	989.8	1056.9	1138.8
30°	876.3	928.6	1000.6	1088.5
32.5°	816.1	870.4	946.4	1036.2
35°	760.8	815.1	886.2	975.0
37.5°	701.6	759.9	827.9	919.7
40°	632.6	700.6	766.8	854.6
42.5°	575.3	647.4	711.5	794.4
45°	529.9	598.0	651.3	732.2
47.5°	487.5	542.8	597.0	672.0
50°	447.0	489.5	545.7	612.8
52.5°	405.6	442.1	490.5	553.6
55°	368.1	402.6	446.0	494.4
57.5°	333.5	358.2	401.6	445.1
60°	295.1	320.7	354.3	390.8
62.5°	262.5	282.2	313.8	344.4
65°	228.0	246.7	270.4	299.0
67.5°	196.4	213.2	231.9	254.6
70°	167.8	180.6	194.4	214.1
72.5°	137.2	151.0	163.8	179.6
75°	112.5	118.4	129.3	140.1
77.5°	86.8	94.7	100.7	109.5
80°	62.2	69.1	71.1	78.0
82.5°	41.4	45.4	49.3	51.3
85°	23.7	25.7	29.6	30.6
87.5°	8.9	9.9	11.8	13.8
90°	7.2	5.1	3.0	0.9
92.5°	19.4	20.2	20.9	21.7
95°	37.4	43.7	50.1	56.5
97.5°	54.2	70.0	85.9	101.7
100°	74.5	101.0	127.4	153.9
102.5°	210.1	210.4	210.8	211.2
105°	281.6	275.9	270.1	264.3
107.5°	340.5	335.6	330.8	326.0
110°	397.2	393.2	389.1	385.1

TEST NUMBER: P1000031

CATALOG NUMBER: SA2XXRDIP-B675D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	451.2	447.7	444.2	440.7
115°	509.7	506.4	503.1	499.8
117.5°	562.7	558.8	555.0	551.1
120°	617.2	614.3	611.4	608.5
122.5°	666.5	663.4	660.3	657.2
125°	714.2	711.7	709.2	706.7
127.5°	760.0	757.3	754.6	751.9
130°	803.8	800.7	797.6	794.5
132.5°	845.5	843.0	840.5	838.0
135°	883.8	880.7	877.6	874.5
137.5°	919.7	917.4	915.0	912.7
140°	954.8	953.2	951.7	950.1
142.5°	985.5	984.1	982.8	981.4
145°	1013.9	1014.0	1014.2	1014.4
147.5°	1041.4	1041.9	1042.5	1043.1
150°	1066.9	1068.2	1069.6	1070.9
152.5°	1089.8	1091.3	1092.9	1094.4
155°	1111.8	1113.5	1115.3	1117.0
157.5°	1130.6	1132.2	1133.7	1135.3
160°	1147.4	1148.6	1149.7	1150.9
162.5°	1161.3	1162.5	1163.6	1164.8
165°	1173.5	1174.7	1175.8	1177.0
167.5°	1183.1	1184.2	1185.4	1186.6
170°	1190.9	1192.1	1193.2	1194.4
172.5°	1196.1	1197.3	1198.4	1199.6
175°	1199.9	1201.2	1202.6	1203.9
177.5°	1201.6	1203.0	1204.3	1205.7
180°	1201.3	1201.3	1201.3	1201.3

(END OF REPORT)