

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: P999812

Luminaire Tested: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999812
REPORT IS A COMBINATION OF REPORTS P988367 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

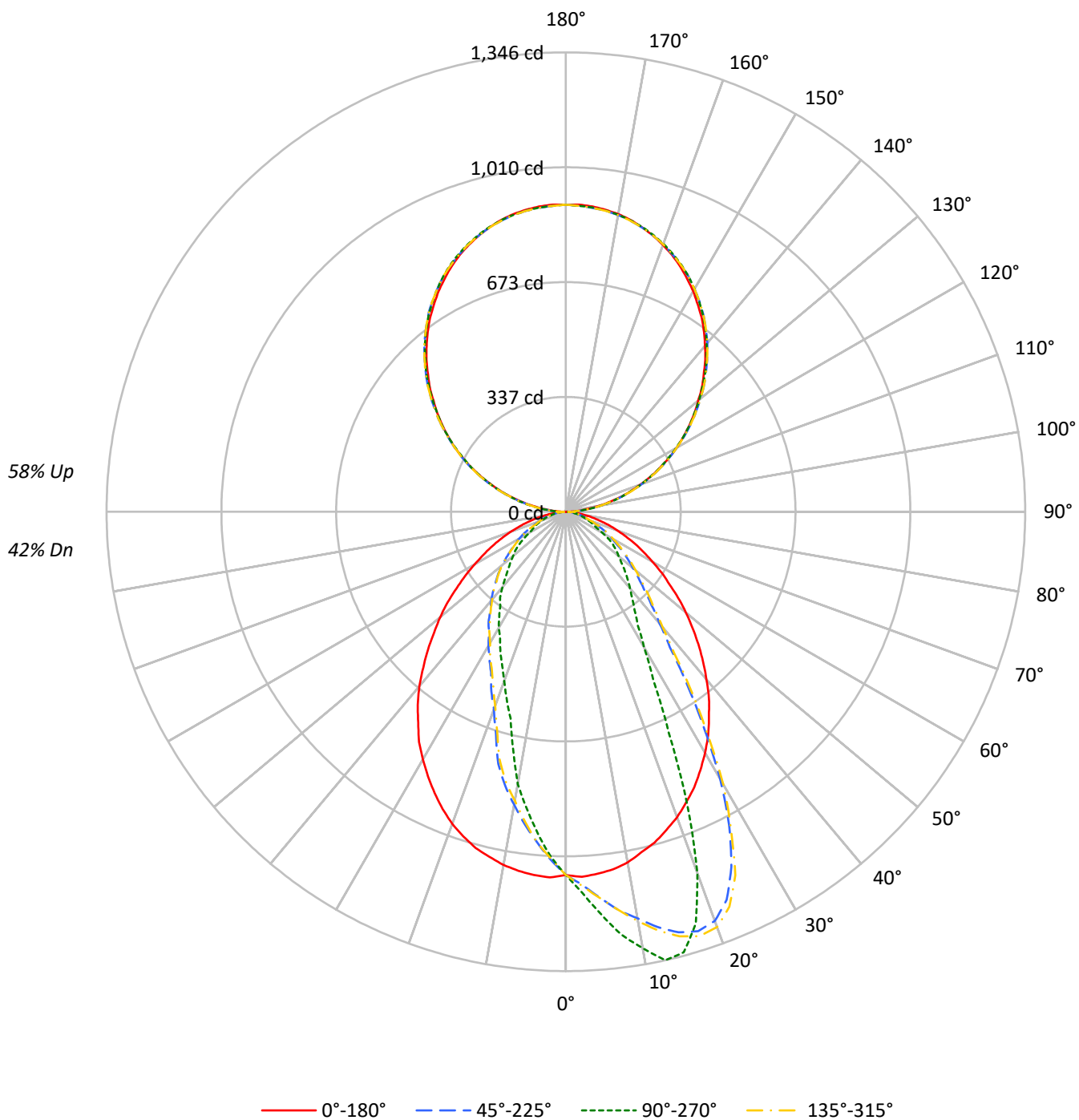
Lumens per Lamp: N/A
Luminaire Lumens: 4356.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 45.1
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



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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
RCR																	
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49
1	97	93	89	86	88	85	82	79	70	68	66	57	55	54	44	43	43
2	89	82	76	71	81	75	70	66	62	59	56	51	48	46	40	38	37
3	81	72	66	60	74	67	61	56	56	51	48	45	42	40	36	34	32
4	75	65	57	52	68	59	53	48	50	45	41	41	38	35	33	30	28
5	69	58	50	45	63	53	47	42	45	40	36	37	34	31	30	27	25
6	64	52	45	39	58	48	42	37	41	36	32	34	30	27	27	25	23
7	59	47	40	35	54	44	37	33	37	32	28	31	27	24	25	23	21
8	55	43	36	31	50	40	34	29	34	29	26	29	25	22	23	21	19
9	51	40	32	28	47	37	30	26	31	27	23	26	23	20	22	19	17
10	48	36	30	25	44	34	28	24	29	24	21	25	21	18	20	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16846	16846	16846	16846
5°	16884	17893	16943	14293
10°	16699	18911	16816	11803
15°	16336	18917	16612	8868
20°	15900	15637	16246	7316
25°	15372	9771	15704	6224
30°	14697	6256	15097	5358
35°	13875	4808	14325	4585
40°	12961	4041	13516	4011
45°	11984	3439	12484	3367
50°	10981	2923	11495	2911
55°	9872	2539	10405	2506
60°	8885	1937	9358	1913
65°	7967	1457	8439	1653
70°	6951	1164	7492	1348
75°	5874	892	6411	1018
80°	4663	605	5022	669
85°	3235	313	3546	332

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 15410 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.9	2.3
10°-20°	281.7	6.5
20°-30°	362.6	8.3
30°-40°	344.0	7.9
40°-50°	294.8	6.8
50°-60°	224.5	5.2
60°-70°	141.6	3.3
70°-80°	70.6	1.6
80°-90°	20.7	0.5
90°-100°	55.6	1.3
100°-110°	176.9	4.1
110°-120°	302.6	6.9
120°-130°	398.0	9.1
130°-140°	446.8	10.3
140°-150°	438.1	10.1
150°-160°	367.5	8.4
160°-170°	243.7	5.6
170°-180°	85.2	2.0
0°-30°	745.3	17.1
0°-40°	1089.3	25.0
0°-60°	1608.6	36.9
0°-90°	1841.6	42.3
90°-120°	535.2	12.3
90°-150°	1818.0	41.7
90°-180°	2514.0	57.7
0°-180°	4356.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1064	1064	1064	1064	1064	
5°	1065	1184	1069	946	1065	101
15°	1004	1336	1020	626	1004	282
25°	890	713	910	454	890	409
35°	731	351	754	335	731	457
45°	549	244	572	239	549	424
55°	370	169	390	167	370	334
65°	224	88	237	100	224	222
75°	105	47	115	53	105	114
85°	23	13	25	14	23	26
90°	1	26	1	26	1	4
95°	40	47	40	47	40	44
105°	163	168	163	168	163	172
115°	304	304	304	304	304	300
125°	442	443	442	443	442	395
135°	572	578	572	578	572	442
145°	694	701	694	701	694	433
155°	793	799	793	799	793	365
165°	863	864	863	864	863	243
175°	898	895	898	895	898	85
180°	899	899	899	899	899	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1070.8	1075.3	1077.5	1080.4	1087.1	1091.5	1098.2	1099.7	1098.9	1101.9	1093.7
5°	1064.9	1074.5	1083.4	1090.8	1102.6	1110.0	1118.1	1127.8	1130.0	1141.1	1134.4
7.5°	1056.8	1070.8	1083.4	1098.2	1115.9	1125.5	1138.1	1152.9	1159.6	1172.9	1176.6
10°	1043.5	1063.4	1084.9	1100.4	1124.8	1141.8	1153.6	1177.3	1192.8	1212.8	1209.8
12.5°	1022.0	1047.9	1076.7	1102.6	1134.4	1145.5	1167.7	1192.1	1212.1	1230.6	1246.8
15°	1003.5	1033.1	1064.9	1096.7	1132.9	1153.6	1175.8	1207.6	1229.1	1261.6	1275.7
17.5°	978.4	1016.1	1053.8	1089.3	1132.2	1155.9	1183.2	1214.3	1246.1	1277.1	1288.2
20°	952.5	993.2	1033.8	1081.9	1130.7	1153.6	1181.7	1220.2	1251.3	1275.7	1275.7
22.5°	921.4	971.0	1017.6	1063.4	1116.7	1149.9	1178.8	1223.9	1246.1	1251.3	1231.3
25°	890.4	939.9	990.9	1047.9	1108.5	1138.1	1170.6	1212.8	1220.2	1199.5	1147.7
27.5°	853.4	908.9	966.5	1027.9	1091.5	1128.5	1158.1	1186.2	1172.1	1116.7	1036.1
30°	815.7	875.6	940.7	999.1	1076.0	1110.0	1135.2	1143.3	1098.9	1008.7	904.4
32.5°	776.5	834.9	903.7	973.9	1051.6	1084.1	1100.4	1078.9	997.6	883.7	756.5
35°	730.6	796.5	868.2	941.4	1018.3	1042.7	1052.3	999.8	895.6	748.4	621.9
37.5°	689.2	755.0	832.0	906.6	981.3	994.6	985.0	902.9	770.6	624.9	501.4
40°	640.4	710.7	786.1	869.7	931.0	934.7	911.1	804.6	640.4	503.6	427.4
42.5°	595.3	666.3	741.7	826.8	873.4	860.8	829.0	689.2	534.7	434.1	372.7
45°	548.7	616.0	697.4	772.8	806.1	776.5	728.4	579.8	448.9	373.5	326.1
47.5°	503.6	566.5	647.1	719.5	725.5	692.2	635.2	485.9	389.0	328.3	289.9
50°	459.2	522.1	597.5	657.4	651.5	605.7	541.3	422.3	338.0	289.9	258.1
52.5°	414.9	471.8	545.0	592.4	567.2	522.8	459.2	357.9	295.1	252.9	228.5
55°	370.5	423.7	486.6	525.8	485.9	434.8	389.7	306.9	255.9	221.9	203.4
57.5°	333.5	375.7	433.4	457.0	409.0	369.0	329.8	264.0	221.9	197.5	176.0
60°	292.8	331.3	378.6	392.7	343.1	310.6	277.3	223.3	190.1	168.6	154.6
62.5°	258.1	289.9	326.1	326.1	282.5	258.1	232.9	187.1	159.7	142.7	136.1
65°	224.1	247.0	272.9	269.9	232.9	211.5	191.5	154.6	133.9	122.0	115.4
67.5°	190.8	208.5	225.6	215.2	188.6	170.1	151.6	125.0	110.9	102.8	93.9
70°	160.5	174.5	183.4	173.8	147.2	131.6	118.3	100.6	89.5	79.1	74.0
72.5°	134.6	140.5	143.5	131.6	109.4	100.6	91.0	78.4	68.8	63.6	62.1
75°	105.0	110.2	108.0	99.1	80.6	74.0	66.6	57.7	55.5	52.5	51.0
77.5°	82.1	82.1	78.4	70.3	57.7	52.5	49.5	45.1	42.9	42.2	40.7
80°	58.4	57.7	55.5	46.6	39.2	36.2	36.2	33.3	32.5	31.1	31.1
82.5°	38.5	38.5	35.5	28.1	25.9	25.1	24.4	22.9	22.9	22.2	22.2
85°	22.9	21.4	17.7	15.5	14.8	14.8	14.1	13.3	14.1	13.3	13.3
87.5°	10.4	8.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
90°	0.8	2.8	4.8	6.9	8.9	9.9	11.8	15.5	19.2	22.9	26.6
92.5°	16.7	18.1	19.4	20.8	22.1	22.8	22.9	23.0	23.2	23.3	23.5
95°	39.5	41.2	42.9	44.6	46.3	47.1	47.3	47.6	47.9	48.3	48.6
97.5°	66.0	67.5	69.1	70.6	72.1	72.9	73.2	73.9	74.6	75.2	75.9
100°	96.4	97.8	99.1	100.5	101.8	102.5	102.7	103.2	103.7	104.2	104.7
102.5°	128.3	129.3	130.3	131.3	132.3	132.8	133.1	133.8	134.5	135.2	135.9
105°	163.2	163.7	164.2	164.7	165.2	165.5	165.7	166.0	166.3	166.7	167.0
107.5°	198.1	198.8	199.4	200.1	200.8	201.1	201.1	201.1	201.1	201.1	201.1
110°	231.5	232.5	233.5	234.5	235.5	236.0	236.0	236.0	236.0	236.0	236.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	267.9	268.9	269.9	271.0	272.0	272.5	272.4	272.2	272.1	271.9	271.7
115°	303.6	304.6	305.6	306.6	307.6	308.1	307.9	307.6	307.3	306.9	306.6
117.5°	339.3	340.6	342.0	343.3	344.6	345.3	344.9	344.0	343.2	342.3	341.5
120°	374.9	376.3	377.6	379.0	380.3	381.0	380.3	379.0	377.6	376.3	374.9
122.5°	407.6	409.3	410.9	412.6	414.3	415.1	414.7	413.9	413.0	412.2	411.4
125°	441.7	443.2	444.7	446.2	447.7	448.5	448.3	447.8	447.3	446.8	446.3
127.5°	475.1	477.0	478.8	480.7	482.6	483.5	483.2	482.5	481.8	481.1	480.4
130°	506.2	508.4	510.6	512.8	515.0	516.1	515.9	515.6	515.3	514.9	514.6
132.5°	541.1	542.8	544.5	546.2	547.9	548.7	548.8	549.0	549.1	549.3	549.5
135°	571.5	573.3	575.2	577.0	578.9	579.8	580.0	580.3	580.7	581.0	581.4
137.5°	604.9	606.4	607.9	609.4	610.9	611.7	611.9	612.2	612.5	612.9	613.2
140°	634.5	636.0	637.5	639.0	640.5	641.3	641.7	642.6	643.4	644.3	645.1
142.5°	664.8	666.3	667.9	669.4	670.9	671.7	672.0	672.5	673.0	673.5	674.0
145°	693.7	694.9	696.1	697.2	698.4	699.0	699.5	700.5	701.6	702.6	703.6
147.5°	719.5	721.0	722.5	724.0	725.5	726.3	726.6	727.3	728.0	728.7	729.4
150°	746.1	747.1	748.1	749.1	750.1	750.6	750.9	751.6	752.3	752.9	753.6
152.5°	769.6	770.6	771.6	772.6	773.6	774.1	774.5	775.4	776.2	777.1	777.9
155°	793.1	793.6	794.1	794.6	795.1	795.4	795.7	796.2	796.7	797.2	797.7
157.5°	813.6	813.9	814.3	814.6	814.9	815.1	815.3	815.6	815.9	816.3	816.6
160°	831.8	832.1	832.5	832.8	833.1	833.3	833.4	833.6	833.7	833.9	834.1
162.5°	848.5	848.5	848.5	848.5	848.5	848.5	848.6	848.8	848.9	849.1	849.3
165°	862.9	862.7	862.6	862.4	862.3	862.2	862.2	862.2	862.2	862.2	862.2
167.5°	875.8	875.3	874.8	874.3	873.8	873.6	873.6	873.6	873.6	873.6	873.6
170°	885.7	885.2	884.7	884.2	883.7	883.4	883.3	883.2	883.0	882.9	882.7
172.5°	892.5	892.0	891.5	891.0	890.5	890.3	890.2	890.0	889.9	889.7	889.5
175°	897.8	897.3	896.8	896.3	895.8	895.6	895.4	895.1	894.7	894.4	894.0
177.5°	900.9	900.4	899.9	899.4	898.9	898.6	898.4	898.1	897.8	897.4	897.1
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1101.9	1103.4	1105.6	1115.9	1117.4	1120.4	1118.9	1118.9	1119.6	1118.1	1118.9
5°	1149.2	1151.4	1162.5	1175.1	1178.0	1175.1	1178.8	1184.0	1184.0	1184.0	1182.5
7.5°	1193.6	1201.7	1214.3	1232.8	1236.5	1240.2	1246.8	1242.4	1243.9	1250.5	1248.3
10°	1236.5	1248.3	1262.3	1277.9	1286.0	1291.2	1294.1	1300.8	1316.3	1298.6	1305.2
12.5°	1277.1	1294.1	1308.9	1325.9	1331.9	1338.5	1340.7	1346.7	1346.7	1345.9	1351.1
15°	1303.8	1319.3	1332.6	1343.7	1345.2	1343.7	1342.2	1343.0	1345.2	1336.3	1341.5
17.5°	1309.7	1311.2	1315.6	1311.2	1311.9	1296.4	1287.5	1285.3	1264.6	1265.3	1282.3
20°	1280.8	1255.7	1249.0	1224.6	1209.8	1169.9	1168.4	1157.3	1113.7	1127.0	1124.1
22.5°	1201.7	1158.8	1101.9	1073.8	1059.7	1017.6	985.0	962.1	946.6	931.0	924.4
25°	1097.4	1027.9	947.3	891.9	883.7	844.5	784.6	756.5	723.2	712.9	730.6
27.5°	962.8	872.6	781.7	696.6	681.1	645.6	615.3	595.3	556.9	554.6	556.1
30°	780.2	689.2	613.1	557.6	519.1	502.9	482.9	468.1	452.6	458.5	460.0
32.5°	641.2	554.6	483.6	454.1	436.3	426.0	409.0	399.3	392.7	390.5	389.7
35°	509.5	451.8	420.0	391.2	380.8	373.5	360.9	356.4	350.5	351.3	351.3
37.5°	436.3	388.2	364.6	349.8	340.2	336.5	328.3	323.9	320.2	318.7	320.9
40°	376.4	343.1	328.3	315.0	306.9	305.4	301.0	295.8	291.4	292.1	294.3
42.5°	332.8	313.6	295.8	285.5	279.5	277.3	273.6	269.9	269.9	267.7	267.0
45°	298.0	282.5	267.7	258.1	254.4	251.4	247.0	246.3	243.3	244.0	244.8
47.5°	267.0	254.4	243.3	233.7	230.0	229.2	224.8	221.9	221.9	221.1	220.4
50°	238.9	226.3	216.7	211.5	206.3	204.8	204.1	203.4	201.9	201.9	202.6
52.5°	215.9	203.4	196.0	191.5	188.6	187.1	187.1	186.4	186.4	186.4	185.6
55°	190.8	180.4	174.5	173.0	171.6	170.8	170.1	168.6	167.9	169.3	167.9
57.5°	167.1	163.4	158.3	156.8	153.1	153.1	150.9	149.4	147.9	149.4	149.4
60°	148.6	143.5	140.5	136.1	133.1	130.2	126.5	125.7	124.2	123.5	122.8
62.5°	129.4	125.0	117.6	110.9	106.5	103.5	102.1	101.3	101.3	100.6	100.6
65°	108.0	97.6	93.9	91.7	91.0	90.2	88.7	88.0	88.7	88.0	88.7
67.5°	84.3	82.8	80.6	79.1	78.4	77.6	77.6	76.9	76.9	76.9	76.9
70°	73.2	69.5	68.8	67.3	67.3	66.6	66.6	66.6	66.6	65.8	67.3
72.5°	60.6	58.4	57.7	56.9	56.9	56.9	56.2	56.2	56.2	55.5	56.2
75°	49.5	48.8	47.3	47.3	46.6	47.3	46.6	46.6	45.8	46.6	46.6
77.5°	39.9	39.2	38.5	38.5	37.7	37.7	37.7	37.7	37.7	37.7	38.5
80°	30.3	29.6	28.8	29.6	28.8	29.6	28.8	28.8	29.6	28.8	28.8
82.5°	22.2	21.4	21.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
85°	13.3	12.6	12.6	13.3	12.6	13.3	12.6	12.6	12.6	13.3	13.3
87.5°	5.9	6.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.7
90°	26.2	25.9	25.5	25.2	25.0	25.1	25.3	25.4	25.6	25.8	25.6
92.5°	23.7	23.9	24.0	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3
95°	48.6	48.6	48.6	48.6	48.6	48.4	48.1	47.8	47.4	47.1	47.4
97.5°	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
100°	104.7	104.7	104.7	104.7	104.7	104.6	104.5	104.3	104.2	104.0	104.2
102.5°	136.1	136.2	136.4	136.5	136.6	136.5	136.4	136.2	136.1	135.9	136.1
105°	167.3	167.7	168.0	168.3	168.5	168.5	168.5	168.5	168.5	168.5	168.5
107.5°	201.3	201.5	201.6	201.8	201.9	201.5	200.6	199.8	198.9	198.1	198.9
110°	236.0	236.0	236.0	236.0	236.0	235.8	235.3	234.8	234.3	233.8	234.3

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	271.2	270.7	270.2	269.7	269.4	269.2	268.9	268.6	268.2	267.9	268.2
115°	306.4	306.3	306.1	306.0	305.9	305.6	305.1	304.6	304.1	303.6	304.1
117.5°	341.0	340.5	340.0	339.5	339.3	339.0	338.5	338.0	337.5	337.0	337.5
120°	374.9	374.9	374.9	374.9	374.9	374.6	374.1	373.6	373.1	372.6	373.1
122.5°	410.9	410.4	409.9	409.4	409.1	408.9	408.6	408.3	407.9	407.6	407.9
125°	445.8	445.3	444.8	444.3	444.0	443.9	443.7	443.6	443.4	443.2	443.4
127.5°	479.7	479.1	478.4	477.7	477.4	477.1	476.6	476.1	475.6	475.1	475.6
130°	514.3	513.9	513.6	513.3	513.1	512.8	512.1	511.4	510.7	510.0	510.7
132.5°	548.7	547.8	547.0	546.1	545.7	545.4	544.9	544.4	543.9	543.4	543.9
135°	581.2	581.0	580.9	580.7	580.6	580.3	579.8	579.3	578.8	578.3	578.8
137.5°	613.0	612.9	612.7	612.6	612.5	612.2	611.5	610.8	610.1	609.4	610.1
140°	645.1	645.1	645.1	645.1	645.1	644.8	644.1	643.4	642.8	642.1	642.8
142.5°	674.2	674.3	674.5	674.6	674.7	674.4	673.7	673.0	672.4	671.7	672.4
145°	703.8	703.9	704.1	704.2	704.3	704.0	703.3	702.6	702.0	701.3	702.0
147.5°	729.7	730.1	730.4	730.7	730.9	730.6	729.9	729.2	728.5	727.8	728.5
150°	754.1	754.6	755.1	755.6	755.9	755.6	755.1	754.6	754.1	753.6	754.1
152.5°	778.6	779.3	780.0	780.7	781.0	780.7	780.0	779.3	778.6	777.9	778.6
155°	798.5	799.4	800.2	801.1	801.5	801.2	800.7	800.2	799.7	799.2	799.7
157.5°	817.8	819.0	820.1	821.3	821.9	821.5	820.7	819.8	819.0	818.2	819.0
160°	835.1	836.1	837.1	838.1	838.6	838.3	837.6	836.9	836.3	835.6	836.3
162.5°	850.5	851.7	852.8	854.0	854.6	854.2	853.3	852.5	851.6	850.8	851.6
165°	863.4	864.6	865.7	866.9	867.5	867.1	866.2	865.4	864.5	863.7	864.5
167.5°	874.8	876.0	877.1	878.3	878.9	878.5	877.6	876.8	875.9	875.1	875.9
170°	883.9	885.1	886.2	887.4	888.0	887.5	886.5	885.4	884.4	883.4	884.4
172.5°	890.7	891.9	893.0	894.2	894.8	894.3	893.3	892.3	891.3	890.3	891.3
175°	895.2	896.4	897.6	898.8	899.4	898.9	897.9	896.8	895.8	894.8	895.8
177.5°	898.1	899.1	900.1	901.1	901.6	901.1	900.1	899.1	898.1	897.1	898.1
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1121.8	1116.7	1115.2	1116.7	1115.2	1115.9	1110.7	1091.5	1096.7	1088.6	1093.0
5°	1185.4	1181.0	1171.4	1169.9	1168.4	1167.0	1159.6	1142.5	1135.9	1124.8	1124.1
7.5°	1246.1	1246.1	1238.7	1233.5	1226.9	1221.7	1212.1	1186.9	1176.6	1163.3	1155.9
10°	1306.0	1286.8	1294.9	1289.7	1273.4	1270.5	1252.7	1237.9	1218.0	1204.7	1192.8
12.5°	1348.9	1343.0	1335.6	1331.1	1326.7	1317.1	1305.2	1267.5	1257.2	1230.6	1217.2
15°	1347.4	1343.7	1345.9	1345.9	1344.4	1342.2	1332.6	1305.2	1287.5	1261.6	1238.7
17.5°	1274.9	1284.5	1294.1	1300.8	1315.6	1322.2	1331.1	1314.9	1303.8	1281.6	1257.2
20°	1148.5	1172.1	1200.2	1206.1	1219.5	1258.7	1276.4	1290.5	1294.9	1287.5	1267.5
22.5°	972.5	992.4	1060.5	1059.0	1078.2	1124.8	1176.6	1218.7	1252.0	1270.5	1263.1
25°	761.7	789.8	826.0	853.4	916.3	985.8	1050.1	1117.4	1175.1	1226.1	1238.7
27.5°	576.1	613.1	641.9	678.1	709.9	792.0	874.8	979.9	1047.2	1144.0	1194.3
30°	465.9	482.9	511.7	528.8	544.3	607.1	701.1	804.6	922.9	1034.6	1121.1
32.5°	397.9	409.7	431.1	438.5	454.8	497.0	556.1	650.8	772.8	908.1	1022.0
35°	357.2	369.8	374.2	380.8	394.2	420.8	461.5	530.2	640.4	772.8	908.9
37.5°	322.4	329.1	341.7	346.1	350.5	370.5	397.9	445.9	519.1	627.8	778.7
40°	298.0	301.7	308.4	312.1	315.0	329.1	353.5	386.0	440.0	522.8	661.9
42.5°	272.1	276.6	281.0	285.5	289.1	300.2	315.0	346.1	382.3	445.2	545.8
45°	247.0	250.0	255.1	258.1	263.3	272.1	285.5	306.9	339.4	379.4	460.7
47.5°	224.1	227.8	230.0	233.7	237.4	247.0	259.6	273.6	300.2	339.4	398.6
50°	203.4	207.8	210.8	211.5	214.5	223.3	233.7	249.2	266.2	296.5	348.3
52.5°	188.6	189.3	191.5	194.5	193.8	198.9	208.5	220.4	238.1	262.5	300.2
55°	171.6	173.8	175.3	176.0	176.0	180.4	185.6	196.7	210.8	230.7	262.5
57.5°	150.1	152.3	156.8	158.3	160.5	162.7	164.9	172.3	184.1	203.4	229.2
60°	127.9	129.4	133.9	136.8	138.3	144.2	147.2	153.1	159.7	173.8	198.2
62.5°	102.8	104.3	106.5	109.4	112.4	121.3	128.7	134.6	139.8	149.4	169.3
65°	89.5	90.2	91.7	92.4	93.2	96.9	103.5	111.7	121.3	128.7	140.5
67.5°	77.6	78.4	79.1	80.6	81.3	82.1	85.0	87.3	96.9	107.2	116.1
70°	66.6	68.0	68.8	68.8	69.5	71.0	72.5	75.4	78.4	83.6	94.7
72.5°	56.2	56.9	58.4	58.4	58.4	59.9	61.4	62.9	64.3	67.3	71.7
75°	46.6	48.1	48.1	48.1	48.8	48.8	50.3	51.8	53.2	55.5	56.9
77.5°	38.5	38.5	38.5	38.5	39.2	39.2	39.9	41.4	42.2	42.9	44.4
80°	28.8	29.6	29.6	29.6	30.3	30.3	30.3	31.8	32.5	32.5	34.0
82.5°	21.4	21.4	21.4	22.2	21.4	22.2	22.2	22.9	22.2	22.9	23.7
85°	13.3	13.3	13.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.8
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.4	6.7	6.7
90°	25.4	25.3	25.1	25.0	25.2	25.5	25.9	26.2	26.6	22.9	19.2
92.5°	24.3	24.3	24.3	24.3	24.2	24.0	23.9	23.7	23.5	23.3	23.2
95°	47.8	48.1	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.3	47.9
97.5°	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.2	74.6
100°	104.3	104.5	104.6	104.7	104.7	104.7	104.7	104.7	104.7	104.2	103.7
102.5°	136.2	136.4	136.5	136.6	136.5	136.4	136.2	136.1	135.9	135.2	134.5
105°	168.5	168.5	168.5	168.5	168.3	168.0	167.7	167.3	167.0	166.7	166.3
107.5°	199.8	200.6	201.5	201.9	201.8	201.6	201.5	201.3	201.1	201.1	201.1
110°	234.8	235.3	235.8	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	268.6	268.9	269.2	269.4	269.7	270.2	270.7	271.2	271.7	271.9	272.1
115°	304.6	305.1	305.6	305.9	306.0	306.1	306.3	306.4	306.6	306.9	307.3
117.5°	338.0	338.5	339.0	339.3	339.5	340.0	340.5	341.0	341.5	342.3	343.2
120°	373.6	374.1	374.6	374.9	374.9	374.9	374.9	374.9	374.9	376.3	377.6
122.5°	408.3	408.6	408.9	409.1	409.4	409.9	410.4	410.9	411.4	412.2	413.0
125°	443.6	443.7	443.9	444.0	444.3	444.8	445.3	445.8	446.3	446.8	447.3
127.5°	476.1	476.6	477.1	477.4	477.7	478.4	479.1	479.7	480.4	481.1	481.8
130°	511.4	512.1	512.8	513.1	513.3	513.6	513.9	514.3	514.6	514.9	515.3
132.5°	544.4	544.9	545.4	545.7	546.1	547.0	547.8	548.7	549.5	549.3	549.1
135°	579.3	579.8	580.3	580.6	580.7	580.9	581.0	581.2	581.4	581.0	580.7
137.5°	610.8	611.5	612.2	612.5	612.6	612.7	612.9	613.0	613.2	612.9	612.5
140°	643.4	644.1	644.8	645.1	645.1	645.1	645.1	645.1	645.1	644.3	643.4
142.5°	673.0	673.7	674.4	674.7	674.6	674.5	674.3	674.2	674.0	673.5	673.0
145°	702.6	703.3	704.0	704.3	704.2	704.1	703.9	703.8	703.6	702.6	701.6
147.5°	729.2	729.9	730.6	730.9	730.7	730.4	730.1	729.7	729.4	728.7	728.0
150°	754.6	755.1	755.6	755.9	755.6	755.1	754.6	754.1	753.6	752.9	752.3
152.5°	779.3	780.0	780.7	781.0	780.7	780.0	779.3	778.6	777.9	777.1	776.2
155°	800.2	800.7	801.2	801.5	801.1	800.2	799.4	798.5	797.7	797.2	796.7
157.5°	819.8	820.7	821.5	821.9	821.3	820.1	819.0	817.8	816.6	816.3	815.9
160°	836.9	837.6	838.3	838.6	838.1	837.1	836.1	835.1	834.1	833.9	833.7
162.5°	852.5	853.3	854.2	854.6	854.0	852.8	851.7	850.5	849.3	849.1	848.9
165°	865.4	866.2	867.1	867.5	866.9	865.7	864.6	863.4	862.2	862.2	862.2
167.5°	876.8	877.6	878.5	878.9	878.3	877.1	876.0	874.8	873.6	873.6	873.6
170°	885.4	886.5	887.5	888.0	887.4	886.2	885.1	883.9	882.7	882.9	883.0
172.5°	892.3	893.3	894.3	894.8	894.2	893.0	891.9	890.7	889.5	889.7	889.9
175°	896.8	897.9	898.9	899.4	898.8	897.6	896.4	895.2	894.0	894.4	894.7
177.5°	899.1	900.1	901.1	901.6	901.1	900.1	899.1	898.1	897.1	897.4	897.8
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1086.3	1082.6	1082.6	1080.4	1080.4	1068.6	1068.6	1072.3	1067.9	1062.7	1055.3
5°	1114.4	1106.3	1104.1	1101.1	1091.5	1076.7	1070.8	1068.6	1059.7	1048.6	1036.1
7.5°	1141.1	1127.8	1121.1	1114.4	1101.9	1081.2	1069.3	1061.2	1047.9	1030.9	1014.6
10°	1167.0	1149.9	1132.9	1124.8	1107.1	1081.2	1064.2	1050.8	1031.6	1008.7	985.8
12.5°	1190.6	1155.1	1152.2	1135.9	1110.0	1080.4	1054.5	1035.3	1010.9	984.3	957.7
15°	1211.3	1175.1	1157.3	1142.5	1108.5	1071.6	1044.2	1020.5	988.0	957.7	925.1
17.5°	1221.7	1182.5	1170.6	1146.2	1111.5	1063.4	1026.4	997.6	962.1	925.9	888.9
20°	1232.0	1186.2	1167.0	1149.9	1102.6	1047.9	1006.5	973.2	934.0	891.1	850.4
22.5°	1237.2	1186.2	1163.3	1139.6	1093.7	1030.9	982.1	942.9	897.0	853.4	804.6
25°	1228.3	1181.7	1154.4	1130.0	1078.2	1010.2	954.0	909.6	860.8	811.2	761.7
27.5°	1206.1	1171.4	1139.6	1114.4	1056.8	983.6	924.4	874.1	823.8	768.4	718.1
30°	1164.7	1149.2	1124.1	1096.0	1033.1	959.9	889.6	837.9	782.4	726.9	674.4
32.5°	1100.4	1113.7	1097.4	1073.0	1005.0	927.3	852.7	800.2	739.5	679.6	631.5
35°	1022.0	1069.3	1060.5	1043.5	975.4	892.6	817.9	754.3	693.7	633.0	585.0
37.5°	936.2	1008.0	1015.4	1005.0	941.4	857.1	775.0	712.9	650.8	589.4	540.6
40°	818.6	928.8	952.5	956.9	905.9	814.2	728.4	667.8	606.4	546.5	487.3
42.5°	710.7	849.7	879.3	897.8	860.8	772.1	685.5	618.2	557.6	503.6	444.4
45°	609.4	754.3	802.4	826.0	809.8	724.0	634.5	571.6	516.2	466.6	409.7
47.5°	505.1	650.8	718.1	755.8	755.8	675.2	585.7	523.6	470.3	428.2	377.9
50°	435.6	556.9	626.4	675.9	689.2	625.6	541.3	480.7	430.4	384.5	346.1
52.5°	371.2	479.9	537.6	589.4	627.8	572.4	491.8	437.1	387.5	344.6	314.3
55°	320.9	402.3	454.8	511.7	554.6	518.4	443.7	390.5	347.6	312.1	286.2
57.5°	272.9	343.9	386.8	437.1	482.9	455.5	395.6	349.8	312.1	281.0	258.1
60°	232.2	289.9	323.2	362.4	419.3	400.1	350.5	308.4	278.1	250.0	230.7
62.5°	197.5	243.3	271.4	299.5	351.3	342.4	303.9	271.4	245.5	221.9	205.6
65°	162.0	199.7	221.9	246.3	287.7	291.4	260.3	237.4	213.7	193.0	178.2
67.5°	130.9	160.5	180.4	201.1	234.4	244.8	223.3	204.1	184.1	167.1	153.8
70°	105.8	126.5	141.2	157.5	184.9	197.5	186.4	173.0	156.8	142.7	130.9
72.5°	83.6	96.9	105.8	118.3	140.5	153.1	152.3	140.5	128.7	119.1	109.4
75°	61.4	71.7	79.1	87.3	105.0	116.8	119.8	114.6	102.8	95.4	88.0
77.5°	46.6	52.5	56.2	62.1	74.7	85.0	89.5	88.0	79.9	74.0	68.8
80°	35.5	37.0	38.5	40.7	51.0	60.6	63.6	62.9	58.4	56.2	50.3
82.5°	25.1	25.9	26.6	27.4	31.1	39.2	42.2	43.6	39.9	37.7	32.5
85°	14.8	15.5	15.5	17.0	17.7	20.0	25.1	25.1	24.4	21.4	20.7
87.5°	7.4	7.4	6.7	6.7	7.4	8.1	9.6	11.1	9.6	8.9	8.1
90°	15.5	11.8	9.9	8.9	6.9	4.8	2.8	0.8	2.8	4.8	6.9
92.5°	23.0	22.9	22.8	22.1	20.8	19.4	18.1	16.7	18.1	19.4	20.8
95°	47.6	47.3	47.1	46.3	44.6	42.9	41.2	39.5	41.2	42.9	44.6
97.5°	73.9	73.2	72.9	72.1	70.6	69.1	67.5	66.0	67.5	69.1	70.6
100°	103.2	102.7	102.5	101.8	100.5	99.1	97.8	96.4	97.8	99.1	100.5
102.5°	133.8	133.1	132.8	132.3	131.3	130.3	129.3	128.3	129.3	130.3	131.3
105°	166.0	165.7	165.5	165.2	164.7	164.2	163.7	163.2	163.7	164.2	164.7
107.5°	201.1	201.1	201.1	200.8	200.1	199.4	198.8	198.1	198.8	199.4	200.1
110°	236.0	236.0	236.0	235.5	234.5	233.5	232.5	231.5	232.5	233.5	234.5

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	272.2	272.4	272.5	272.0	271.0	269.9	268.9	267.9	268.9	269.9	271.0
115°	307.6	307.9	308.1	307.6	306.6	305.6	304.6	303.6	304.6	305.6	306.6
117.5°	344.0	344.9	345.3	344.6	343.3	342.0	340.6	339.3	340.6	342.0	343.3
120°	379.0	380.3	381.0	380.3	379.0	377.6	376.3	374.9	376.3	377.6	379.0
122.5°	413.9	414.7	415.1	414.3	412.6	410.9	409.3	407.6	409.3	410.9	412.6
125°	447.8	448.3	448.5	447.7	446.2	444.7	443.2	441.7	443.2	444.7	446.2
127.5°	482.5	483.2	483.5	482.6	480.7	478.8	477.0	475.1	477.0	478.8	480.7
130°	515.6	515.9	516.1	515.0	512.8	510.6	508.4	506.2	508.4	510.6	512.8
132.5°	549.0	548.8	548.7	547.9	546.2	544.5	542.8	541.1	542.8	544.5	546.2
135°	580.3	580.0	579.8	578.9	577.0	575.2	573.3	571.5	573.3	575.2	577.0
137.5°	612.2	611.9	611.7	610.9	609.4	607.9	606.4	604.9	606.4	607.9	609.4
140°	642.6	641.7	641.3	640.5	639.0	637.5	636.0	634.5	636.0	637.5	639.0
142.5°	672.5	672.0	671.7	670.9	669.4	667.9	666.3	664.8	666.3	667.9	669.4
145°	700.5	699.5	699.0	698.4	697.2	696.1	694.9	693.7	694.9	696.1	697.2
147.5°	727.3	726.6	726.3	725.5	724.0	722.5	721.0	719.5	721.0	722.5	724.0
150°	751.6	750.9	750.6	750.1	749.1	748.1	747.1	746.1	747.1	748.1	749.1
152.5°	775.4	774.5	774.1	773.6	772.6	771.6	770.6	769.6	770.6	771.6	772.6
155°	796.2	795.7	795.4	795.1	794.6	794.1	793.6	793.1	793.6	794.1	794.6
157.5°	815.6	815.3	815.1	814.9	814.6	814.3	813.9	813.6	813.9	814.3	814.6
160°	833.6	833.4	833.3	833.1	832.8	832.5	832.1	831.8	832.1	832.5	832.8
162.5°	848.8	848.6	848.5	848.5	848.5	848.5	848.5	848.5	848.5	848.5	848.5
165°	862.2	862.2	862.2	862.3	862.4	862.6	862.7	862.9	862.7	862.6	862.4
167.5°	873.6	873.6	873.6	873.8	874.3	874.8	875.3	875.8	875.3	874.8	874.3
170°	883.2	883.3	883.4	883.7	884.2	884.7	885.2	885.7	885.2	884.7	884.2
172.5°	890.0	890.2	890.3	890.5	891.0	891.5	892.0	892.5	892.0	891.5	891.0
175°	895.1	895.4	895.6	895.8	896.3	896.8	897.3	897.8	897.3	896.8	896.3
177.5°	898.1	898.4	898.6	898.9	899.4	899.9	900.4	900.9	900.4	899.9	899.4
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1052.3	1053.1	1055.3	1048.6	1038.3	1033.8	1020.5	1018.3	1016.1	1016.1	1018.3
5°	1028.7	1025.7	1026.4	1013.9	999.1	990.2	971.7	974.7	965.1	959.1	960.6
7.5°	1002.8	994.6	993.9	977.6	959.1	942.9	923.7	919.2	910.3	900.0	895.6
10°	970.2	964.3	953.2	934.7	911.1	897.8	871.9	856.4	854.1	838.6	832.7
12.5°	937.0	926.6	915.5	889.6	863.0	841.6	822.3	805.3	793.5	780.2	771.3
15°	898.5	885.9	873.4	846.0	814.9	793.5	764.7	739.5	704.8	677.4	661.9
17.5°	856.4	842.3	825.3	795.0	764.7	735.1	681.8	652.3	627.8	611.6	602.0
20°	812.7	797.2	780.2	749.9	697.4	645.6	616.0	593.1	578.3	562.0	550.2
22.5°	766.9	750.6	732.1	684.8	629.3	593.1	570.2	548.7	527.3	518.4	512.5
25°	724.0	709.2	685.5	621.2	577.6	544.3	518.4	504.3	493.3	481.4	470.3
27.5°	679.6	652.3	619.0	565.0	537.6	503.6	485.1	474.8	455.5	447.4	442.2
30°	626.4	596.0	564.2	525.8	494.0	470.3	453.3	436.3	425.2	417.1	408.2
32.5°	572.4	543.5	523.6	483.6	460.0	435.6	419.3	409.0	392.7	387.5	383.8
35°	525.8	501.4	483.6	451.1	428.9	406.7	394.9	379.4	369.0	359.4	353.5
37.5°	479.9	466.6	448.1	420.8	397.1	379.4	363.1	357.9	343.9	338.7	332.8
40°	448.1	428.2	412.6	389.0	369.0	349.8	339.4	327.6	318.0	309.9	307.6
42.5°	409.7	394.9	386.0	360.1	339.4	328.3	315.8	302.5	295.1	288.4	280.3
45°	380.8	367.5	355.0	334.3	315.8	301.7	290.6	281.8	269.2	266.2	253.7
47.5°	350.5	337.2	327.6	306.9	289.9	276.6	268.4	256.6	246.3	239.6	233.7
50°	320.2	309.1	300.2	282.5	267.7	253.7	242.6	230.7	226.3	215.2	211.5
52.5°	291.4	284.0	274.4	257.4	242.6	230.7	218.9	209.3	202.6	196.7	192.3
55°	267.0	255.1	250.7	232.2	219.6	207.1	196.7	190.8	182.7	179.0	175.3
57.5°	239.6	232.9	225.6	211.5	197.5	185.6	178.2	169.3	164.9	160.5	157.5
60°	215.9	206.3	200.4	188.6	176.0	164.9	158.3	151.6	145.7	142.0	136.1
62.5°	188.6	181.2	177.5	164.9	154.6	144.2	138.3	131.6	127.2	120.5	113.1
65°	164.9	159.0	154.6	144.2	134.6	125.0	119.1	110.9	105.0	101.3	100.6
67.5°	144.2	139.8	133.1	123.5	113.9	106.5	99.8	93.2	92.4	91.0	91.0
70°	121.3	116.8	113.1	102.8	94.7	86.5	85.0	82.8	80.6	79.9	78.4
72.5°	101.3	97.6	93.2	84.3	76.2	74.0	72.5	71.0	68.8	68.0	67.3
75°	82.1	76.9	74.0	65.8	63.6	62.1	60.6	58.4	56.9	56.2	54.7
77.5°	62.9	57.7	57.7	53.2	51.8	49.5	48.1	46.6	45.8	44.4	44.4
80°	44.4	44.4	42.9	40.7	38.5	37.7	35.5	34.8	34.0	34.8	33.3
82.5°	32.5	29.6	29.6	28.1	26.6	25.9	24.4	24.4	23.7	23.7	23.7
85°	18.5	18.5	17.7	16.3	15.5	15.5	14.8	14.8	14.1	14.1	13.3
87.5°	7.4	6.7	7.4	6.7	6.7	5.9	5.9	5.9	5.2	5.9	5.2
90°	8.9	9.9	11.8	15.5	19.2	22.9	26.6	26.2	25.9	25.5	25.2
92.5°	22.1	22.8	22.9	23.0	23.2	23.3	23.5	23.7	23.9	24.0	24.2
95°	46.3	47.1	47.3	47.6	47.9	48.3	48.6	48.6	48.6	48.6	48.6
97.5°	72.1	72.9	73.2	73.9	74.6	75.2	75.9	75.9	75.9	75.9	75.9
100°	101.8	102.5	102.7	103.2	103.7	104.2	104.7	104.7	104.7	104.7	104.7
102.5°	132.3	132.8	133.1	133.8	134.5	135.2	135.9	136.1	136.2	136.4	136.5
105°	165.2	165.5	165.7	166.0	166.3	166.7	167.0	167.3	167.7	168.0	168.3
107.5°	200.8	201.1	201.1	201.1	201.1	201.1	201.1	201.3	201.5	201.6	201.8
110°	235.5	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	272.0	272.5	272.4	272.2	272.1	271.9	271.7	271.2	270.7	270.2	269.7
115°	307.6	308.1	307.9	307.6	307.3	306.9	306.6	306.4	306.3	306.1	306.0
117.5°	344.6	345.3	344.9	344.0	343.2	342.3	341.5	341.0	340.5	340.0	339.5
120°	380.3	381.0	380.3	379.0	377.6	376.3	374.9	374.9	374.9	374.9	374.9
122.5°	414.3	415.1	414.7	413.9	413.0	412.2	411.4	410.9	410.4	409.9	409.4
125°	447.7	448.5	448.3	447.8	447.3	446.8	446.3	445.8	445.3	444.8	444.3
127.5°	482.6	483.5	483.2	482.5	481.8	481.1	480.4	479.7	479.1	478.4	477.7
130°	515.0	516.1	515.9	515.6	515.3	514.9	514.6	514.3	513.9	513.6	513.3
132.5°	547.9	548.7	548.8	549.0	549.1	549.3	549.5	548.7	547.8	547.0	546.1
135°	578.9	579.8	580.0	580.3	580.7	581.0	581.4	581.2	581.0	580.9	580.7
137.5°	610.9	611.7	611.9	612.2	612.5	612.9	613.2	613.0	612.9	612.7	612.6
140°	640.5	641.3	641.7	642.6	643.4	644.3	645.1	645.1	645.1	645.1	645.1
142.5°	670.9	671.7	672.0	672.5	673.0	673.5	674.0	674.2	674.3	674.5	674.6
145°	698.4	699.0	699.5	700.5	701.6	702.6	703.6	703.8	703.9	704.1	704.2
147.5°	725.5	726.3	726.6	727.3	728.0	728.7	729.4	729.7	730.1	730.4	730.7
150°	750.1	750.6	750.9	751.6	752.3	752.9	753.6	754.1	754.6	755.1	755.6
152.5°	773.6	774.1	774.5	775.4	776.2	777.1	777.9	778.6	779.3	780.0	780.7
155°	795.1	795.4	795.7	796.2	796.7	797.2	797.7	798.5	799.4	800.2	801.1
157.5°	814.9	815.1	815.3	815.6	815.9	816.3	816.6	817.8	819.0	820.1	821.3
160°	833.1	833.3	833.4	833.6	833.7	833.9	834.1	835.1	836.1	837.1	838.1
162.5°	848.5	848.5	848.6	848.8	848.9	849.1	849.3	850.5	851.7	852.8	854.0
165°	862.3	862.2	862.2	862.2	862.2	862.2	862.2	863.4	864.6	865.7	866.9
167.5°	873.8	873.6	873.6	873.6	873.6	873.6	873.6	874.8	876.0	877.1	878.3
170°	883.7	883.4	883.3	883.2	883.0	882.9	882.7	883.9	885.1	886.2	887.4
172.5°	890.5	890.3	890.2	890.0	889.9	889.7	889.5	890.7	891.9	893.0	894.2
175°	895.8	895.6	895.4	895.1	894.7	894.4	894.0	895.2	896.4	897.6	898.8
177.5°	898.9	898.6	898.4	898.1	897.8	897.4	897.1	898.1	899.1	900.1	901.1
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1018.3	1016.8	1012.4	1013.9	1011.7	1011.7	1010.2	1010.2	1010.2	1013.9	1011.7
5°	962.8	957.7	952.5	950.3	948.1	945.8	945.8	945.1	951.8	950.3	956.2
7.5°	894.1	892.6	882.2	882.2	878.5	877.1	880.8	881.5	882.2	883.7	887.4
10°	832.7	829.0	814.2	815.7	813.5	810.5	812.7	811.2	816.4	817.9	816.4
12.5°	760.2	753.6	737.3	729.2	720.3	713.6	721.8	715.8	736.6	742.5	758.7
15°	664.1	651.5	640.4	640.4	632.3	626.4	630.1	636.7	641.2	647.8	650.8
17.5°	599.7	594.6	585.7	580.5	578.3	576.1	576.1	579.0	588.7	587.9	593.8
20°	545.0	542.1	537.6	531.0	528.8	527.3	527.3	527.3	533.9	539.8	543.5
22.5°	507.3	505.1	502.1	493.3	488.8	487.3	491.0	493.3	498.4	502.9	506.6
25°	469.6	464.4	459.2	456.3	454.1	454.1	455.5	456.3	458.5	460.7	465.2
27.5°	438.5	434.8	427.4	419.3	419.3	417.1	418.6	420.0	425.2	432.6	436.3
30°	403.8	403.0	400.1	397.1	394.2	392.7	395.6	397.9	398.6	402.3	402.3
32.5°	378.6	373.5	368.3	365.3	363.8	363.1	363.8	366.8	366.8	371.2	376.4
35°	353.5	350.5	345.4	340.2	338.7	335.0	338.0	340.9	346.1	348.3	350.5
37.5°	326.1	322.4	320.2	318.7	315.8	316.5	314.3	318.7	323.2	322.4	323.9
40°	305.4	298.8	292.1	291.4	290.6	289.9	289.9	290.6	293.6	296.5	301.0
42.5°	278.8	276.6	270.7	264.7	263.3	261.8	260.3	263.3	269.2	274.4	276.6
45°	251.4	248.5	247.0	242.6	239.6	238.9	237.4	241.1	246.3	248.5	250.0
47.5°	226.3	225.6	221.1	221.9	219.6	220.4	219.6	221.9	221.9	224.1	225.6
50°	209.3	207.1	204.8	203.4	201.1	201.1	200.4	201.1	204.1	207.1	206.3
52.5°	192.3	188.6	187.8	187.1	185.6	187.1	184.9	185.6	188.6	190.1	189.3
55°	172.3	171.6	170.1	168.6	167.9	167.1	167.1	167.1	170.1	172.3	173.0
57.5°	156.8	153.1	150.1	150.1	147.2	146.4	147.9	148.6	150.9	152.3	153.8
60°	135.3	133.9	129.4	127.2	122.8	122.0	122.0	125.0	128.7	133.9	135.3
62.5°	112.4	110.2	109.4	109.4	109.4	109.4	109.4	109.4	109.4	110.2	110.2
65°	99.8	100.6	99.8	99.1	99.8	99.8	99.1	99.1	99.1	99.8	100.6
67.5°	89.5	88.7	89.5	88.7	88.0	88.0	87.3	88.0	88.7	89.5	89.5
70°	77.6	77.6	76.9	77.6	76.9	76.2	75.4	75.4	76.9	77.6	77.6
72.5°	66.6	66.6	65.8	65.8	64.3	64.3	65.1	64.3	64.3	66.6	66.6
75°	55.5	54.7	54.0	54.0	53.2	53.2	53.2	52.5	54.0	54.0	54.7
77.5°	43.6	43.6	43.6	42.9	42.9	42.2	42.2	42.9	42.9	42.9	43.6
80°	33.3	33.3	33.3	32.5	31.8	31.8	31.8	31.8	31.8	32.5	31.8
82.5°	22.9	22.9	22.9	22.9	22.9	22.2	22.2	22.2	22.9	22.9	22.2
85°	14.1	13.3	14.1	14.1	13.3	14.1	13.3	13.3	12.6	12.6	13.3
87.5°	5.9	5.2	4.4	4.4	5.2	4.4	4.4	4.4	5.2	4.4	4.4
90°	25.0	25.1	25.3	25.4	25.6	25.8	25.6	25.4	25.3	25.1	25.0
92.5°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
95°	48.6	48.4	48.1	47.8	47.4	47.1	47.4	47.8	48.1	48.4	48.6
97.5°	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
100°	104.7	104.6	104.5	104.3	104.2	104.0	104.2	104.3	104.5	104.6	104.7
102.5°	136.6	136.5	136.4	136.2	136.1	135.9	136.1	136.2	136.4	136.5	136.6
105°	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5	168.5
107.5°	201.9	201.5	200.6	199.8	198.9	198.1	198.9	199.8	200.6	201.5	201.9
110°	236.0	235.8	235.3	234.8	234.3	233.8	234.3	234.8	235.3	235.8	236.0

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	269.4	269.2	268.9	268.6	268.2	267.9	268.2	268.6	268.9	269.2	269.4
115°	305.9	305.6	305.1	304.6	304.1	303.6	304.1	304.6	305.1	305.6	305.9
117.5°	339.3	339.0	338.5	338.0	337.5	337.0	337.5	338.0	338.5	339.0	339.3
120°	374.9	374.6	374.1	373.6	373.1	372.6	373.1	373.6	374.1	374.6	374.9
122.5°	409.1	408.9	408.6	408.3	407.9	407.6	407.9	408.3	408.6	408.9	409.1
125°	444.0	443.9	443.7	443.6	443.4	443.2	443.4	443.6	443.7	443.9	444.0
127.5°	477.4	477.1	476.6	476.1	475.6	475.1	475.6	476.1	476.6	477.1	477.4
130°	513.1	512.8	512.1	511.4	510.7	510.0	510.7	511.4	512.1	512.8	513.1
132.5°	545.7	545.4	544.9	544.4	543.9	543.4	543.9	544.4	544.9	545.4	545.7
135°	580.6	580.3	579.8	579.3	578.8	578.3	578.8	579.3	579.8	580.3	580.6
137.5°	612.5	612.2	611.5	610.8	610.1	609.4	610.1	610.8	611.5	612.2	612.5
140°	645.1	644.8	644.1	643.4	642.8	642.1	642.8	643.4	644.1	644.8	645.1
142.5°	674.7	674.4	673.7	673.0	672.4	671.7	672.4	673.0	673.7	674.4	674.7
145°	704.3	704.0	703.3	702.6	702.0	701.3	702.0	702.6	703.3	704.0	704.3
147.5°	730.9	730.6	729.9	729.2	728.5	727.8	728.5	729.2	729.9	730.6	730.9
150°	755.9	755.6	755.1	754.6	754.1	753.6	754.1	754.6	755.1	755.6	755.9
152.5°	781.0	780.7	780.0	779.3	778.6	777.9	778.6	779.3	780.0	780.7	781.0
155°	801.5	801.2	800.7	800.2	799.7	799.2	799.7	800.2	800.7	801.2	801.5
157.5°	821.9	821.5	820.7	819.8	819.0	818.2	819.0	819.8	820.7	821.5	821.9
160°	838.6	838.3	837.6	836.9	836.3	835.6	836.3	836.9	837.6	838.3	838.6
162.5°	854.6	854.2	853.3	852.5	851.6	850.8	851.6	852.5	853.3	854.2	854.6
165°	867.5	867.1	866.2	865.4	864.5	863.7	864.5	865.4	866.2	867.1	867.5
167.5°	878.9	878.5	877.6	876.8	875.9	875.1	875.9	876.8	877.6	878.5	878.9
170°	888.0	887.5	886.5	885.4	884.4	883.4	884.4	885.4	886.5	887.5	888.0
172.5°	894.8	894.3	893.3	892.3	891.3	890.3	891.3	892.3	893.3	894.3	894.8
175°	899.4	898.9	897.9	896.8	895.8	894.8	895.8	896.8	897.9	898.9	899.4
177.5°	901.6	901.1	900.1	899.1	898.1	897.1	898.1	899.1	900.1	901.1	901.6
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1013.9	1017.6	1016.1	1008.0	1016.1	1018.3	1022.7	1027.2	1030.1	1034.6	1038.3
5°	950.3	957.7	962.1	957.7	972.5	974.7	985.0	990.9	999.8	1007.2	1013.1
7.5°	890.4	896.3	905.2	906.6	915.5	925.9	940.7	955.5	969.5	976.9	983.6
10°	826.0	836.4	849.7	846.7	860.1	876.3	891.9	915.5	927.3	940.7	952.5
12.5°	761.7	768.4	786.1	792.0	811.2	823.8	845.3	860.1	889.6	905.2	915.5
15°	649.3	676.7	698.8	725.5	750.6	774.3	793.5	820.1	846.0	857.8	874.8
17.5°	598.3	610.8	624.1	637.5	670.0	712.2	746.2	775.0	797.2	812.7	832.7
20°	545.0	557.6	572.4	585.0	604.9	635.2	677.4	726.9	753.6	769.8	789.1
22.5°	507.3	519.1	528.8	539.8	555.4	577.6	609.4	670.7	706.2	726.2	743.2
25°	466.6	481.4	491.8	499.9	512.5	536.9	562.8	597.5	661.1	676.7	700.3
27.5°	438.5	443.0	454.8	467.4	479.9	493.3	519.9	549.5	592.4	626.4	655.2
30°	405.3	416.3	427.4	432.6	443.7	462.9	479.2	511.0	544.3	570.9	605.7
32.5°	380.1	386.8	394.2	406.7	417.1	430.4	446.7	473.3	501.4	518.4	545.0
35°	352.0	356.4	372.0	377.2	387.5	400.8	417.1	437.8	468.1	481.4	500.7
37.5°	325.4	335.7	340.2	352.0	361.6	374.9	386.8	410.4	430.4	445.9	463.7
40°	304.7	309.1	317.3	327.6	335.7	346.1	360.9	377.9	399.3	411.9	427.4
42.5°	279.5	283.2	293.6	299.5	312.8	322.4	331.3	352.0	371.2	380.8	396.4
45°	252.2	261.0	267.7	279.5	286.9	298.8	309.9	324.6	342.4	353.5	362.4
47.5°	228.5	237.4	244.0	255.1	267.0	272.1	284.0	299.5	315.8	324.6	337.2
50°	209.3	212.2	224.8	230.0	242.6	252.9	261.0	274.4	292.1	297.3	307.6
52.5°	190.8	193.0	201.1	207.8	218.9	227.8	238.1	250.7	265.5	273.6	281.8
55°	174.5	176.0	179.7	187.1	194.5	205.6	215.2	227.0	239.6	248.5	255.9
57.5°	156.0	159.0	162.0	166.4	173.8	184.1	194.5	205.6	215.9	221.9	231.5
60°	134.6	139.0	144.2	149.4	154.6	162.0	173.8	184.1	193.8	198.9	206.3
62.5°	111.7	120.5	125.0	130.9	135.3	142.0	150.9	162.7	169.3	176.0	181.9
65°	100.6	101.3	102.1	108.0	116.1	122.8	130.9	139.8	150.1	154.6	159.0
67.5°	89.5	90.2	91.7	92.4	95.4	102.8	111.7	121.3	129.4	132.4	136.8
70°	78.4	78.4	81.3	82.1	82.8	83.6	91.0	100.6	108.0	111.7	116.8
72.5°	66.6	67.3	68.8	69.5	71.0	72.5	74.7	79.9	88.7	92.4	98.4
75°	54.7	55.5	56.2	56.9	59.2	59.9	62.1	65.1	68.8	73.2	76.9
77.5°	43.6	43.6	44.4	45.8	47.3	48.1	50.3	51.8	53.2	55.5	58.4
80°	32.5	33.3	33.3	34.8	34.8	35.5	36.2	38.5	39.9	41.4	42.9
82.5°	22.2	23.7	23.7	23.7	24.4	25.1	25.9	25.9	27.4	28.1	30.3
85°	13.3	14.1	14.1	14.1	13.3	14.8	14.8	15.5	15.5	15.5	16.3
87.5°	5.2	4.4	5.2	5.2	5.2	5.9	5.2	5.2	5.9	6.7	6.7
90°	25.2	25.5	25.9	26.2	26.6	22.9	19.2	15.5	11.8	9.9	8.9
92.5°	24.2	24.0	23.9	23.7	23.5	23.3	23.2	23.0	22.9	22.8	22.1
95°	48.6	48.6	48.6	48.6	48.6	48.3	47.9	47.6	47.3	47.1	46.3
97.5°	75.9	75.9	75.9	75.9	75.9	75.2	74.6	73.9	73.2	72.9	72.1
100°	104.7	104.7	104.7	104.7	104.7	104.2	103.7	103.2	102.7	102.5	101.8
102.5°	136.5	136.4	136.2	136.1	135.9	135.2	134.5	133.8	133.1	132.8	132.3
105°	168.3	168.0	167.7	167.3	167.0	166.7	166.3	166.0	165.7	165.5	165.2
107.5°	201.8	201.6	201.5	201.3	201.1	201.1	201.1	201.1	201.1	201.1	200.8
110°	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	235.5

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	269.7	270.2	270.7	271.2	271.7	271.9	272.1	272.2	272.4	272.5	272.0
115°	306.0	306.1	306.3	306.4	306.6	306.9	307.3	307.6	307.9	308.1	307.6
117.5°	339.5	340.0	340.5	341.0	341.5	342.3	343.2	344.0	344.9	345.3	344.6
120°	374.9	374.9	374.9	374.9	374.9	376.3	377.6	379.0	380.3	381.0	380.3
122.5°	409.4	409.9	410.4	410.9	411.4	412.2	413.0	413.9	414.7	415.1	414.3
125°	444.3	444.8	445.3	445.8	446.3	446.8	447.3	447.8	448.3	448.5	447.7
127.5°	477.7	478.4	479.1	479.7	480.4	481.1	481.8	482.5	483.2	483.5	482.6
130°	513.3	513.6	513.9	514.3	514.6	514.9	515.3	515.6	515.9	516.1	515.0
132.5°	546.1	547.0	547.8	548.7	549.5	549.3	549.1	549.0	548.8	548.7	547.9
135°	580.7	580.9	581.0	581.2	581.4	581.0	580.7	580.3	580.0	579.8	578.9
137.5°	612.6	612.7	612.9	613.0	613.2	612.9	612.5	612.2	611.9	611.7	610.9
140°	645.1	645.1	645.1	645.1	645.1	644.3	643.4	642.6	641.7	641.3	640.5
142.5°	674.6	674.5	674.3	674.2	674.0	673.5	673.0	672.5	672.0	671.7	670.9
145°	704.2	704.1	703.9	703.8	703.6	702.6	701.6	700.5	699.5	699.0	698.4
147.5°	730.7	730.4	730.1	729.7	729.4	728.7	728.0	727.3	726.6	726.3	725.5
150°	755.6	755.1	754.6	754.1	753.6	752.9	752.3	751.6	750.9	750.6	750.1
152.5°	780.7	780.0	779.3	778.6	777.9	777.1	776.2	775.4	774.5	774.1	773.6
155°	801.1	800.2	799.4	798.5	797.7	797.2	796.7	796.2	795.7	795.4	795.1
157.5°	821.3	820.1	819.0	817.8	816.6	816.3	815.9	815.6	815.3	815.1	814.9
160°	838.1	837.1	836.1	835.1	834.1	833.9	833.7	833.6	833.4	833.3	833.1
162.5°	854.0	852.8	851.7	850.5	849.3	849.1	848.9	848.8	848.6	848.5	848.5
165°	866.9	865.7	864.6	863.4	862.2	862.2	862.2	862.2	862.2	862.2	862.3
167.5°	878.3	877.1	876.0	874.8	873.6	873.6	873.6	873.6	873.6	873.6	873.8
170°	887.4	886.2	885.1	883.9	882.7	882.9	883.0	883.2	883.3	883.4	883.7
172.5°	894.2	893.0	891.9	890.7	889.5	889.7	889.9	890.0	890.2	890.3	890.5
175°	898.8	897.6	896.4	895.2	894.0	894.4	894.7	895.1	895.4	895.6	895.8
177.5°	901.1	900.1	899.1	898.1	897.1	897.4	897.8	898.1	898.4	898.6	898.9
180°	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4	899.4

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1064.2	1064.2	1064.2	1064.2
2.5°	1044.9	1042.7	1056.0	1070.8
5°	1023.5	1027.2	1044.2	1064.9
7.5°	1001.3	1009.4	1029.4	1056.8
10°	970.2	985.0	1015.4	1043.5
12.5°	939.9	959.9	988.7	1022.0
15°	905.9	928.1	963.6	1003.5
17.5°	868.2	893.3	934.7	978.4
20°	828.3	861.5	905.2	952.5
22.5°	783.9	823.8	868.9	921.4
25°	741.0	784.6	829.7	890.4
27.5°	698.8	741.7	792.0	853.4
30°	656.7	695.9	749.9	815.7
32.5°	611.6	652.3	709.2	776.5
35°	570.2	610.8	664.1	730.6
37.5°	525.8	569.4	620.5	689.2
40°	474.0	525.1	574.6	640.4
42.5°	431.1	485.1	533.2	595.3
45°	397.1	448.1	488.1	548.7
47.5°	365.3	406.7	447.4	503.6
50°	335.0	366.8	409.0	459.2
52.5°	303.9	331.3	367.5	414.9
55°	275.8	301.7	334.3	370.5
57.5°	250.0	268.4	301.0	333.5
60°	221.1	240.3	265.5	292.8
62.5°	196.7	211.5	235.2	258.1
65°	170.8	184.9	202.6	224.1
67.5°	147.2	159.7	173.8	190.8
70°	125.7	135.3	145.7	160.5
72.5°	102.8	113.1	122.8	134.6
75°	84.3	88.7	96.9	105.0
77.5°	65.1	71.0	75.4	82.1
80°	46.6	51.8	53.2	58.4
82.5°	31.1	34.0	37.0	38.5
85°	17.7	19.2	22.2	22.9
87.5°	6.7	7.4	8.9	10.4
90°	6.9	4.8	2.8	0.8
92.5°	20.8	19.4	18.1	16.7
95°	44.6	42.9	41.2	39.5
97.5°	70.6	69.1	67.5	66.0
100°	100.5	99.1	97.8	96.4
102.5°	131.3	130.3	129.3	128.3
105°	164.7	164.2	163.7	163.2
107.5°	200.1	199.4	198.8	198.1
110°	234.5	233.5	232.5	231.5

TEST NUMBER: P999812

CATALOG NUMBER: SA2XXRDIP-B485D725UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	271.0	269.9	268.9	267.9
115°	306.6	305.6	304.6	303.6
117.5°	343.3	342.0	340.6	339.3
120°	379.0	377.6	376.3	374.9
122.5°	412.6	410.9	409.3	407.6
125°	446.2	444.7	443.2	441.7
127.5°	480.7	478.8	477.0	475.1
130°	512.8	510.6	508.4	506.2
132.5°	546.2	544.5	542.8	541.1
135°	577.0	575.2	573.3	571.5
137.5°	609.4	607.9	606.4	604.9
140°	639.0	637.5	636.0	634.5
142.5°	669.4	667.9	666.3	664.8
145°	697.2	696.1	694.9	693.7
147.5°	724.0	722.5	721.0	719.5
150°	749.1	748.1	747.1	746.1
152.5°	772.6	771.6	770.6	769.6
155°	794.6	794.1	793.6	793.1
157.5°	814.6	814.3	813.9	813.6
160°	832.8	832.5	832.1	831.8
162.5°	848.5	848.5	848.5	848.5
165°	862.4	862.6	862.7	862.9
167.5°	874.3	874.8	875.3	875.8
170°	884.2	884.7	885.2	885.7
172.5°	891.0	891.5	892.0	892.5
175°	896.3	896.8	897.3	897.8
177.5°	899.4	899.9	900.4	900.9
180°	899.4	899.4	899.4	899.4

(END OF REPORT)