

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: P999694

Luminaire Tested: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999694
REPORT IS A COMBINATION OF REPORTS P988248 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

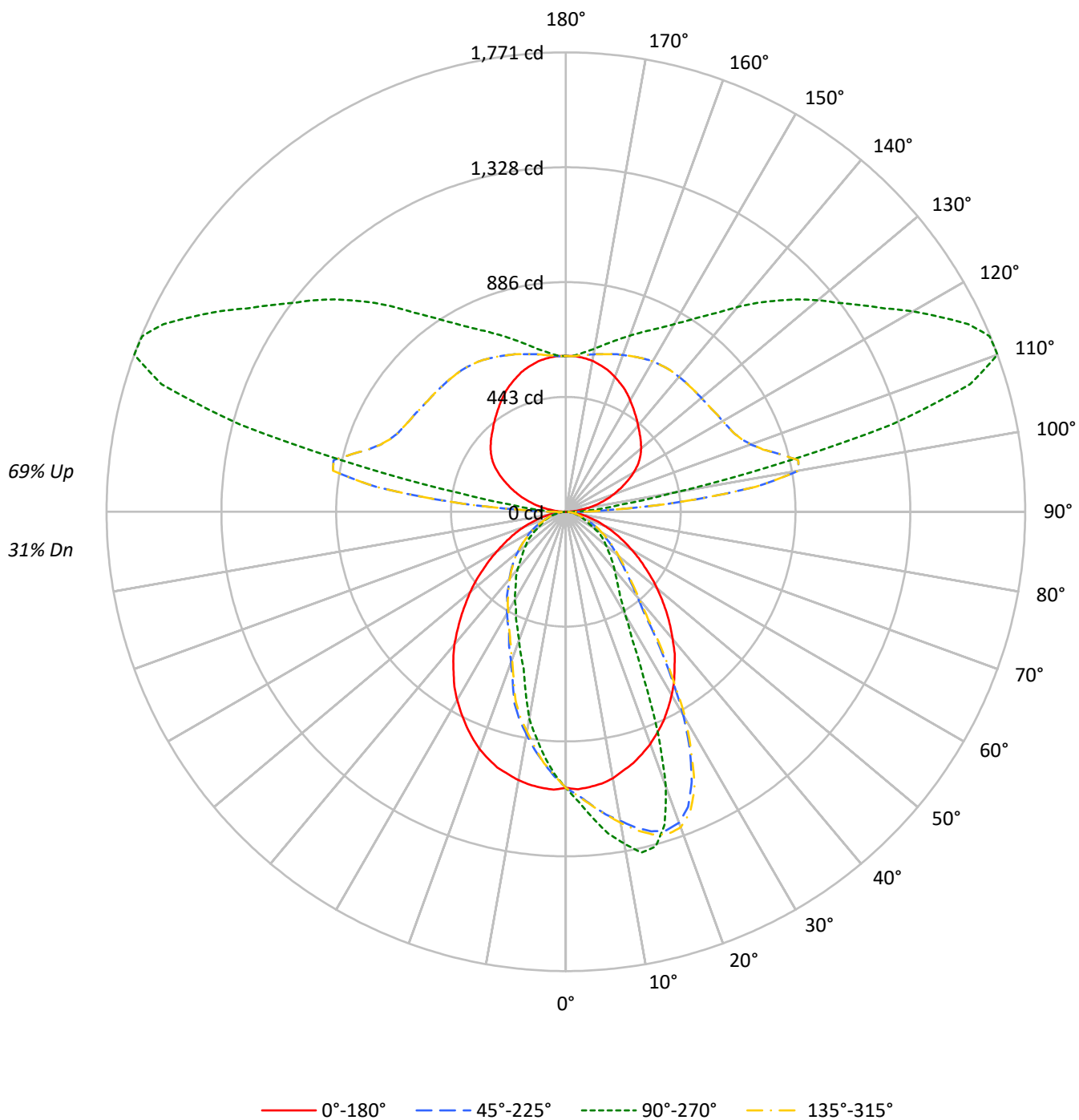
Lumens per Lamp: N/A
Luminaire Lumens: 6023.0 lumens
Efficiency: N/A
Efficacy: 102.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 59
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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	38	38	38
1	94	90	86	83	84	81	78	75	64	62	60	49	47	46	35	34	33
2	86	79	73	69	77	71	67	62	57	53	51	43	41	39	31	30	29
3	79	70	63	58	70	63	57	53	50	46	43	39	36	34	28	26	25
4	72	62	55	49	65	56	50	45	45	41	37	35	32	29	25	24	22
5	66	55	48	42	60	50	44	39	41	36	32	32	28	26	23	21	20
6	61	50	42	37	55	45	39	34	37	32	28	29	25	23	21	19	17
7	57	45	38	32	51	41	35	30	33	29	25	26	23	20	19	17	16
8	53	41	34	29	47	37	31	27	31	26	22	24	21	18	18	16	14
9	49	37	30	26	44	34	28	24	28	23	20	22	19	17	17	15	13
10	46	34	28	23	41	31	25	21	26	21	18	21	17	15	16	13	12

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	1.7
10°-20°	281.7	4.7
20°-30°	362.6	6.0
30°-40°	344.0	5.7
40°-50°	294.8	4.9
50°-60°	224.5	3.7
60°-70°	141.6	2.4
70°-80°	70.6	1.2
80°-90°	22.0	0.4
90°-100°	234.0	3.9
100°-110°	824.0	13.7
110°-120°	865.4	14.4
120°-130°	712.0	11.8
130°-140°	572.0	9.5
140°-150°	432.0	7.2
150°-160°	303.7	5.0
160°-170°	178.8	3.0
170°-180°	58.2	1.0
0°-30°	745.3	12.4
0°-40°	1089.3	18.1
0°-60°	1608.6	26.7
0°-90°	1842.9	30.6
90°-120°	1923.5	31.9
90°-150°	3639.5	60.4
90°-180°	4180.0	69.4
0°-180°	6023.0	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	38	1	38	1	4
95°	40	132	40	132	40	42
105°	141	1301	141	1301	141	150
115°	248	1712	248	1712	248	246
125°	346	1389	346	1389	346	308
135°	406	1151	406	1151	406	314
145°	464	919	464	919	464	291
155°	528	772	528	772	528	243
165°	575	678	575	678	575	162
175°	599	611	599	611	599	57
180°	600	600	600	600	600	

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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°	1.2	4.6	9.2	11.5	13.9	15.6	17.3	23.1	31.2	38.1	39.2
92.5°	17.3	24.2	33.5	39.2	48.5	54.8	61.2	92.3	136.2	175.5	177.8
95°	40.4	45.0	56.6	67.0	85.4	99.2	113.1	166.2	266.6	400.6	452.5
97.5°	60.0	67.0	79.6	94.7	115.4	131.0	146.6	214.7	354.4	570.2	737.6
100°	88.9	92.3	102.7	121.2	144.3	160.4	176.6	237.8	378.6	628.0	911.9
102.5°	115.4	117.7	128.1	146.6	170.8	187.0	203.2	258.6	379.8	606.0	917.7
105°	140.8	145.4	153.5	170.8	196.2	212.4	228.6	282.8	385.5	576.0	855.4
107.5°	168.5	172.0	180.1	196.2	221.6	237.8	254.0	307.0	398.2	559.8	797.6
110°	196.2	200.9	207.8	222.8	247.0	263.8	280.5	331.3	414.4	555.2	758.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	221.6	226.2	234.3	248.2	271.3	288.6	305.9	354.4	431.7	556.4	733.0
115°	248.2	254.0	260.9	274.7	297.8	313.4	329.0	378.6	449.0	561.0	715.7
117.5°	275.9	280.5	287.4	300.1	322.1	338.2	354.4	400.6	467.5	567.9	706.4
120°	301.3	305.9	312.8	323.2	346.3	362.5	378.6	423.6	486.0	574.9	698.4
122.5°	325.5	329.0	335.9	347.5	370.5	387.2	404.0	445.6	502.1	582.9	693.7
125°	346.3	349.8	356.7	370.5	393.6	409.8	425.9	467.5	519.4	591.0	688.0
127.5°	363.6	368.2	377.5	392.5	414.4	431.2	447.9	488.3	535.6	599.1	684.5
130°	378.6	383.2	394.8	410.9	434.0	450.2	466.3	506.7	550.6	608.3	682.2
132.5°	392.5	398.2	410.9	428.3	452.5	468.6	484.8	522.9	565.6	617.6	681.1
135°	406.3	410.9	424.8	442.1	468.7	484.8	501.0	537.9	578.3	624.5	679.9
137.5°	419.0	424.8	438.6	457.1	483.7	498.7	513.7	550.6	588.7	631.4	679.9
140°	434.0	438.6	452.5	471.0	496.4	511.4	526.4	561.0	596.8	636.0	678.7
142.5°	449.0	452.5	465.2	483.7	507.9	521.8	535.6	569.1	603.7	639.5	678.7
145°	464.0	468.7	480.2	497.5	520.6	533.3	546.0	577.2	609.5	641.8	676.4
147.5°	480.2	483.7	495.2	511.4	531.0	542.6	554.1	584.1	612.9	643.0	673.0
150°	496.4	499.8	509.1	524.1	541.4	551.8	562.2	588.7	615.3	641.8	669.5
152.5°	512.5	513.7	522.9	535.6	551.8	561.0	570.2	593.3	616.4	639.5	663.7
155°	527.5	528.7	535.6	548.3	561.0	569.6	578.3	597.9	617.6	637.2	656.8
157.5°	540.2	541.4	547.1	558.7	569.1	576.6	584.1	601.4	617.6	632.6	649.9
160°	552.9	554.1	558.7	567.9	577.2	583.6	589.9	603.7	617.6	629.1	643.0
162.5°	565.6	564.5	569.1	576.0	584.1	588.7	593.3	604.9	616.4	625.6	637.2
165°	574.9	573.7	576.0	582.9	588.7	592.2	595.6	606.0	614.1	621.0	629.1
167.5°	582.9	581.8	584.1	588.7	593.3	595.6	597.9	606.0	612.9	616.4	622.2
170°	591.0	588.7	589.9	593.3	595.6	597.4	599.1	604.9	610.6	612.9	616.4
172.5°	595.6	594.5	593.3	596.8	597.9	599.0	600.2	603.7	607.2	608.3	609.5
175°	599.1	597.9	596.8	599.1	599.1	599.7	600.2	602.6	604.9	603.7	604.9
177.5°	601.4	599.1	597.9	600.2	600.2	600.2	600.2	601.4	603.7	601.4	600.2
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

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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°	38.1	36.9	34.6	36.9	37.5	38.1	38.1	38.1	38.1	38.1	38.1
92.5°	148.9	116.6	99.3	86.6	81.9	77.3	76.2	71.6	72.7	70.4	72.7
95°	395.9	302.4	232.0	183.5	170.8	158.1	143.1	133.9	130.4	131.6	130.4
97.5°	743.4	618.7	494.1	377.5	342.8	308.2	263.2	240.1	227.4	220.5	227.4
100°	1078.1	1053.9	910.8	752.6	682.8	612.9	517.1	467.5	434.0	413.2	434.0
102.5°	1202.8	1339.0	1334.4	1229.4	1154.4	1079.3	973.1	879.6	835.7	805.7	835.7
105°	1162.4	1402.5	1532.9	1547.9	1528.9	1509.9	1438.3	1366.7	1317.1	1300.9	1317.1
107.5°	1077.0	1334.4	1528.3	1641.4	1664.5	1687.6	1686.5	1676.1	1661.1	1634.5	1661.1
110°	997.3	1240.9	1447.5	1595.3	1642.6	1689.9	1739.6	1761.5	1771.9	1770.7	1771.9

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	941.9	1155.5	1351.7	1512.2	1568.2	1624.1	1698.0	1738.4	1760.3	1768.4	1760.3
115°	898.1	1088.5	1266.3	1417.5	1477.0	1536.4	1618.4	1671.5	1701.5	1711.9	1701.5
117.5°	868.1	1033.1	1192.4	1333.2	1389.8	1446.4	1530.6	1587.2	1618.4	1626.4	1618.4
120°	845.0	993.9	1137.0	1259.4	1311.9	1364.4	1445.2	1499.5	1532.9	1544.5	1532.9
122.5°	825.3	962.7	1090.8	1205.1	1251.3	1297.5	1367.9	1421.0	1449.8	1459.1	1449.8
125°	806.9	932.7	1051.6	1153.2	1196.4	1239.7	1306.7	1350.6	1379.4	1388.7	1379.4
127.5°	789.6	902.7	1012.3	1109.3	1149.7	1190.1	1249.0	1290.5	1315.9	1322.9	1315.9
130°	772.2	873.8	973.1	1064.3	1102.4	1140.5	1197.0	1236.3	1259.4	1268.6	1259.4
132.5°	758.4	846.1	936.2	1018.1	1053.3	1088.5	1143.9	1183.2	1204.0	1212.0	1204.0
135°	745.7	820.7	896.9	973.1	1005.4	1037.7	1087.4	1125.5	1146.2	1150.9	1146.2
137.5°	736.5	799.9	865.7	928.1	957.0	985.8	1033.1	1066.6	1085.1	1092.0	1085.1
140°	728.4	780.3	835.7	888.8	914.2	939.6	976.6	1006.6	1023.9	1030.8	1023.9
142.5°	720.3	764.2	809.2	853.0	873.2	893.4	928.1	954.6	969.6	969.6	969.6
145°	713.4	749.2	787.2	823.0	839.8	856.5	884.2	903.8	915.4	918.8	915.4
147.5°	706.4	737.6	768.8	797.6	810.3	823.0	847.3	863.4	871.5	873.8	871.5
150°	697.2	724.9	750.3	774.6	785.0	795.3	812.6	826.5	833.4	834.6	833.4
152.5°	689.1	712.2	735.3	754.9	763.6	772.2	784.9	796.5	801.1	801.1	801.1
155°	678.7	700.7	719.1	736.5	742.8	749.2	761.9	769.9	774.6	772.2	774.6
157.5°	669.5	686.8	703.0	718.0	723.2	728.4	737.6	744.5	746.8	746.8	746.8
160°	659.1	674.1	686.8	699.5	703.6	707.6	715.7	721.5	722.6	722.6	722.6
162.5°	649.9	661.4	671.8	682.2	685.1	688.0	696.1	699.5	700.7	699.5	700.7
165°	639.5	648.7	656.8	664.9	667.2	669.5	674.1	678.7	678.7	677.6	678.7
167.5°	629.1	636.0	643.0	648.7	651.0	653.3	655.7	658.0	658.0	656.8	658.0
170°	621.0	626.8	630.3	634.9	636.0	637.2	638.3	641.8	640.6	638.3	640.6
172.5°	612.9	616.4	618.7	622.2	622.8	623.3	624.5	625.6	624.5	623.3	624.5
175°	606.0	609.5	610.6	611.8	612.3	612.9	612.9	614.1	612.9	610.6	612.9
177.5°	601.4	603.7	603.7	604.9	604.9	604.9	604.9	604.9	603.7	601.4	603.7
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

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°	38.1	38.1	38.1	37.5	36.9	34.6	36.9	38.1	39.2	38.1	31.2
92.5°	71.6	76.2	77.3	81.9	86.6	99.3	116.6	148.9	177.8	175.5	136.2
95°	133.9	143.1	158.1	170.8	183.5	232.0	302.4	395.9	452.5	400.6	266.6
97.5°	240.1	263.2	308.2	342.8	377.5	494.1	618.7	743.4	737.6	570.2	354.4
100°	467.5	517.1	612.9	682.8	752.6	910.8	1053.9	1078.1	911.9	628.0	378.6
102.5°	879.6	973.1	1079.3	1154.4	1229.4	1334.4	1339.0	1202.8	917.7	606.0	379.8
105°	1366.7	1438.3	1509.9	1528.9	1547.9	1532.9	1402.5	1162.4	855.4	576.0	385.5
107.5°	1676.1	1686.5	1687.6	1664.5	1641.4	1528.3	1334.4	1077.0	797.6	559.8	398.2
110°	1761.5	1739.6	1689.9	1642.6	1595.3	1447.5	1240.9	997.3	758.4	555.2	414.4

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1738.4	1698.0	1624.1	1568.2	1512.2	1351.7	1155.5	941.9	733.0	556.4	431.7
115°	1671.5	1618.4	1536.4	1477.0	1417.5	1266.3	1088.5	898.1	715.7	561.0	449.0
117.5°	1587.2	1530.6	1446.4	1389.8	1333.2	1192.4	1033.1	868.1	706.4	567.9	467.5
120°	1499.5	1445.2	1364.4	1311.9	1259.4	1137.0	993.9	845.0	698.4	574.9	486.0
122.5°	1421.0	1367.9	1297.5	1251.3	1205.1	1090.8	962.7	825.3	693.7	582.9	502.1
125°	1350.6	1306.7	1239.7	1196.4	1153.2	1051.6	932.7	806.9	688.0	591.0	519.4
127.5°	1290.5	1249.0	1190.1	1149.7	1109.3	1012.3	902.7	789.6	684.5	599.1	535.6
130°	1236.3	1197.0	1140.5	1102.4	1064.3	973.1	873.8	772.2	682.2	608.3	550.6
132.5°	1183.2	1143.9	1088.5	1053.3	1018.1	936.2	846.1	758.4	681.1	617.6	565.6
135°	1125.5	1087.4	1037.7	1005.4	973.1	896.9	820.7	745.7	679.9	624.5	578.3
137.5°	1066.6	1033.1	985.8	957.0	928.1	865.7	799.9	736.5	679.9	631.4	588.7
140°	1006.6	976.6	939.6	914.2	888.8	835.7	780.3	728.4	678.7	636.0	596.8
142.5°	954.6	928.1	893.4	873.2	853.0	809.2	764.2	720.3	678.7	639.5	603.7
145°	903.8	884.2	856.5	839.8	823.0	787.2	749.2	713.4	676.4	641.8	609.5
147.5°	863.4	847.3	823.0	810.3	797.6	768.8	737.6	706.4	673.0	643.0	612.9
150°	826.5	812.6	795.3	785.0	774.6	750.3	724.9	697.2	669.5	641.8	615.3
152.5°	796.5	784.9	772.2	763.6	754.9	735.3	712.2	689.1	663.7	639.5	616.4
155°	769.9	761.9	749.2	742.8	736.5	719.1	700.7	678.7	656.8	637.2	617.6
157.5°	744.5	737.6	728.4	723.2	718.0	703.0	686.8	669.5	649.9	632.6	617.6
160°	721.5	715.7	707.6	703.6	699.5	686.8	674.1	659.1	643.0	629.1	617.6
162.5°	699.5	696.1	688.0	685.1	682.2	671.8	661.4	649.9	637.2	625.6	616.4
165°	678.7	674.1	669.5	667.2	664.9	656.8	648.7	639.5	629.1	621.0	614.1
167.5°	658.0	655.7	653.3	651.0	648.7	643.0	636.0	629.1	622.2	616.4	612.9
170°	641.8	638.3	637.2	636.0	634.9	630.3	626.8	621.0	616.4	612.9	610.6
172.5°	625.6	624.5	623.3	622.8	622.2	618.7	616.4	612.9	609.5	608.3	607.2
175°	614.1	612.9	612.9	612.3	611.8	610.6	609.5	606.0	604.9	603.7	604.9
177.5°	604.9	604.9	604.9	604.9	604.9	603.7	603.7	601.4	600.2	601.4	603.7
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

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°	23.1	17.3	15.6	13.9	11.5	9.2	4.6	1.2	4.6	9.2	11.5
92.5°	92.3	61.2	54.8	48.5	39.2	33.5	24.2	17.3	24.2	33.5	39.2
95°	166.2	113.1	99.2	85.4	67.0	56.6	45.0	40.4	45.0	56.6	67.0
97.5°	214.7	146.6	131.0	115.4	94.7	79.6	67.0	60.0	67.0	79.6	94.7
100°	237.8	176.6	160.4	144.3	121.2	102.7	92.3	88.9	92.3	102.7	121.2
102.5°	258.6	203.2	187.0	170.8	146.6	128.1	117.7	115.4	117.7	128.1	146.6
105°	282.8	228.6	212.4	196.2	170.8	153.5	145.4	140.8	145.4	153.5	170.8
107.5°	307.0	254.0	237.8	221.6	196.2	180.1	172.0	168.5	172.0	180.1	196.2
110°	331.3	280.5	263.8	247.0	222.8	207.8	200.9	196.2	200.9	207.8	222.8

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	354.4	305.9	288.6	271.3	248.2	234.3	226.2	221.6	226.2	234.3	248.2
115°	378.6	329.0	313.4	297.8	274.7	260.9	254.0	248.2	254.0	260.9	274.7
117.5°	400.6	354.4	338.2	322.1	300.1	287.4	280.5	275.9	280.5	287.4	300.1
120°	423.6	378.6	362.5	346.3	323.2	312.8	305.9	301.3	305.9	312.8	323.2
122.5°	445.6	404.0	387.2	370.5	347.5	335.9	329.0	325.5	329.0	335.9	347.5
125°	467.5	425.9	409.8	393.6	370.5	356.7	349.8	346.3	349.8	356.7	370.5
127.5°	488.3	447.9	431.2	414.4	392.5	377.5	368.2	363.6	368.2	377.5	392.5
130°	506.7	466.3	450.2	434.0	410.9	394.8	383.2	378.6	383.2	394.8	410.9
132.5°	522.9	484.8	468.6	452.5	428.3	410.9	398.2	392.5	398.2	410.9	428.3
135°	537.9	501.0	484.8	468.7	442.1	424.8	410.9	406.3	410.9	424.8	442.1
137.5°	550.6	513.7	498.7	483.7	457.1	438.6	424.8	419.0	424.8	438.6	457.1
140°	561.0	526.4	511.4	496.4	471.0	452.5	438.6	434.0	438.6	452.5	471.0
142.5°	569.1	535.6	521.8	507.9	483.7	465.2	452.5	449.0	452.5	465.2	483.7
145°	577.2	546.0	533.3	520.6	497.5	480.2	468.7	464.0	468.7	480.2	497.5
147.5°	584.1	554.1	542.6	531.0	511.4	495.2	483.7	480.2	483.7	495.2	511.4
150°	588.7	562.2	551.8	541.4	524.1	509.1	499.8	496.4	499.8	509.1	524.1
152.5°	593.3	570.2	561.0	551.8	535.6	522.9	513.7	512.5	513.7	522.9	535.6
155°	597.9	578.3	569.6	561.0	548.3	535.6	528.7	527.5	528.7	535.6	548.3
157.5°	601.4	584.1	576.6	569.1	558.7	547.1	541.4	540.2	541.4	547.1	558.7
160°	603.7	589.9	583.6	577.2	567.9	558.7	554.1	552.9	554.1	558.7	567.9
162.5°	604.9	593.3	588.7	584.1	576.0	569.1	564.5	565.6	564.5	569.1	576.0
165°	606.0	595.6	592.2	588.7	582.9	576.0	573.7	574.9	573.7	576.0	582.9
167.5°	606.0	597.9	595.6	593.3	588.7	584.1	581.8	582.9	581.8	584.1	588.7
170°	604.9	599.1	597.4	595.6	593.3	589.9	588.7	591.0	588.7	589.9	593.3
172.5°	603.7	600.2	599.0	597.9	596.8	593.3	594.5	595.6	594.5	593.3	596.8
175°	602.6	600.2	599.7	599.1	599.1	596.8	597.9	599.1	597.9	596.8	599.1
177.5°	601.4	600.2	600.2	600.2	600.2	597.9	599.1	601.4	599.1	597.9	600.2
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

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°	13.9	15.6	17.3	23.1	31.2	38.1	39.2	38.1	36.9	34.6	36.9
92.5°	48.5	54.8	61.2	92.3	136.2	175.5	177.8	148.9	116.6	99.3	86.6
95°	85.4	99.2	113.1	166.2	266.6	400.6	452.5	395.9	302.4	232.0	183.5
97.5°	115.4	131.0	146.6	214.7	354.4	570.2	737.6	743.4	618.7	494.1	377.5
100°	144.3	160.4	176.6	237.8	378.6	628.0	911.9	1078.1	1053.9	910.8	752.6
102.5°	170.8	187.0	203.2	258.6	379.8	606.0	917.7	1202.8	1339.0	1334.4	1229.4
105°	196.2	212.4	228.6	282.8	385.5	576.0	855.4	1162.4	1402.5	1532.9	1547.9
107.5°	221.6	237.8	254.0	307.0	398.2	559.8	797.6	1077.0	1334.4	1528.3	1641.4
110°	247.0	263.8	280.5	331.3	414.4	555.2	758.4	997.3	1240.9	1447.5	1595.3

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	271.3	288.6	305.9	354.4	431.7	556.4	733.0	941.9	1155.5	1351.7	1512.2
115°	297.8	313.4	329.0	378.6	449.0	561.0	715.7	898.1	1088.5	1266.3	1417.5
117.5°	322.1	338.2	354.4	400.6	467.5	567.9	706.4	868.1	1033.1	1192.4	1333.2
120°	346.3	362.5	378.6	423.6	486.0	574.9	698.4	845.0	993.9	1137.0	1259.4
122.5°	370.5	387.2	404.0	445.6	502.1	582.9	693.7	825.3	962.7	1090.8	1205.1
125°	393.6	409.8	425.9	467.5	519.4	591.0	688.0	806.9	932.7	1051.6	1153.2
127.5°	414.4	431.2	447.9	488.3	535.6	599.1	684.5	789.6	902.7	1012.3	1109.3
130°	434.0	450.2	466.3	506.7	550.6	608.3	682.2	772.2	873.8	973.1	1064.3
132.5°	452.5	468.6	484.8	522.9	565.6	617.6	681.1	758.4	846.1	936.2	1018.1
135°	468.7	484.8	501.0	537.9	578.3	624.5	679.9	745.7	820.7	896.9	973.1
137.5°	483.7	498.7	513.7	550.6	588.7	631.4	679.9	736.5	799.9	865.7	928.1
140°	496.4	511.4	526.4	561.0	596.8	636.0	678.7	728.4	780.3	835.7	888.8
142.5°	507.9	521.8	535.6	569.1	603.7	639.5	678.7	720.3	764.2	809.2	853.0
145°	520.6	533.3	546.0	577.2	609.5	641.8	676.4	713.4	749.2	787.2	823.0
147.5°	531.0	542.6	554.1	584.1	612.9	643.0	673.0	706.4	737.6	768.8	797.6
150°	541.4	551.8	562.2	588.7	615.3	641.8	669.5	697.2	724.9	750.3	774.6
152.5°	551.8	561.0	570.2	593.3	616.4	639.5	663.7	689.1	712.2	735.3	754.9
155°	561.0	569.6	578.3	597.9	617.6	637.2	656.8	678.7	700.7	719.1	736.5
157.5°	569.1	576.6	584.1	601.4	617.6	632.6	649.9	669.5	686.8	703.0	718.0
160°	577.2	583.6	589.9	603.7	617.6	629.1	643.0	659.1	674.1	686.8	699.5
162.5°	584.1	588.7	593.3	604.9	616.4	625.6	637.2	649.9	661.4	671.8	682.2
165°	588.7	592.2	595.6	606.0	614.1	621.0	629.1	639.5	648.7	656.8	664.9
167.5°	593.3	595.6	597.9	606.0	612.9	616.4	622.2	629.1	636.0	643.0	648.7
170°	595.6	597.4	599.1	604.9	610.6	612.9	616.4	621.0	626.8	630.3	634.9
172.5°	597.9	599.0	600.2	603.7	607.2	608.3	609.5	612.9	616.4	618.7	622.2
175°	599.1	599.7	600.2	602.6	604.9	603.7	604.9	606.0	609.5	610.6	611.8
177.5°	600.2	600.2	600.2	601.4	603.7	601.4	600.2	601.4	603.7	603.7	604.9
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

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°	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	37.5
92.5°	81.9	77.3	76.2	71.6	72.7	70.4	72.7	71.6	76.2	77.3	81.9
95°	170.8	158.1	143.1	133.9	130.4	131.6	130.4	133.9	143.1	158.1	170.8
97.5°	342.8	308.2	263.2	240.1	227.4	220.5	227.4	240.1	263.2	308.2	342.8
100°	682.8	612.9	517.1	467.5	434.0	413.2	434.0	467.5	517.1	612.9	682.8
102.5°	1154.4	1079.3	973.1	879.6	835.7	805.7	835.7	879.6	973.1	1079.3	1154.4
105°	1528.9	1509.9	1438.3	1366.7	1317.1	1300.9	1317.1	1366.7	1438.3	1509.9	1528.9
107.5°	1664.5	1687.6	1686.5	1676.1	1661.1	1634.5	1661.1	1676.1	1686.5	1687.6	1664.5
110°	1642.6	1689.9	1739.6	1761.5	1771.9	1770.7	1771.9	1761.5	1739.6	1689.9	1642.6

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4FO-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1568.2	1624.1	1698.0	1738.4	1760.3	1768.4	1760.3	1738.4	1698.0	1624.1	1568.2
115°	1477.0	1536.4	1618.4	1671.5	1701.5	1711.9	1701.5	1671.5	1618.4	1536.4	1477.0
117.5°	1389.8	1446.4	1530.6	1587.2	1618.4	1626.4	1618.4	1587.2	1530.6	1446.4	1389.8
120°	1311.9	1364.4	1445.2	1499.5	1532.9	1544.5	1532.9	1499.5	1445.2	1364.4	1311.9
122.5°	1251.3	1297.5	1367.9	1421.0	1449.8	1459.1	1449.8	1421.0	1367.9	1297.5	1251.3
125°	1196.4	1239.7	1306.7	1350.6	1379.4	1388.7	1379.4	1350.6	1306.7	1239.7	1196.4
127.5°	1149.7	1190.1	1249.0	1290.5	1315.9	1322.9	1315.9	1290.5	1249.0	1190.1	1149.7
130°	1102.4	1140.5	1197.0	1236.3	1259.4	1268.6	1259.4	1236.3	1197.0	1140.5	1102.4
132.5°	1053.3	1088.5	1143.9	1183.2	1204.0	1212.0	1204.0	1183.2	1143.9	1088.5	1053.3
135°	1005.4	1037.7	1087.4	1125.5	1146.2	1150.9	1146.2	1125.5	1087.4	1037.7	1005.4
137.5°	957.0	985.8	1033.1	1066.6	1085.1	1092.0	1085.1	1066.6	1033.1	985.8	957.0
140°	914.2	939.6	976.6	1006.6	1023.9	1030.8	1023.9	1006.6	976.6	939.6	914.2
142.5°	873.2	893.4	928.1	954.6	969.6	969.6	969.6	954.6	928.1	893.4	873.2
145°	839.8	856.5	884.2	903.8	915.4	918.8	915.4	903.8	884.2	856.5	839.8
147.5°	810.3	823.0	847.3	863.4	871.5	873.8	871.5	863.4	847.3	823.0	810.3
150°	785.0	795.3	812.6	826.5	833.4	834.6	833.4	826.5	812.6	795.3	785.0
152.5°	763.6	772.2	784.9	796.5	801.1	801.1	801.1	796.5	784.9	772.2	763.6
155°	742.8	749.2	761.9	769.9	774.6	772.2	774.6	769.9	761.9	749.2	742.8
157.5°	723.2	728.4	737.6	744.5	746.8	746.8	746.8	744.5	737.6	728.4	723.2
160°	703.6	707.6	715.7	721.5	722.6	722.6	722.6	721.5	715.7	707.6	703.6
162.5°	685.1	688.0	696.1	699.5	700.7	699.5	700.7	699.5	696.1	688.0	685.1
165°	667.2	669.5	674.1	678.7	678.7	677.6	678.7	678.7	674.1	669.5	667.2
167.5°	651.0	653.3	655.7	658.0	658.0	656.8	658.0	658.0	655.7	653.3	651.0
170°	636.0	637.2	638.3	641.8	640.6	638.3	640.6	641.8	638.3	637.2	636.0
172.5°	622.8	623.3	624.5	625.6	624.5	623.3	624.5	625.6	624.5	623.3	622.8
175°	612.3	612.9	612.9	614.1	612.9	610.6	612.9	614.1	612.9	612.9	612.3
177.5°	604.9	604.9	604.9	604.9	603.7	601.4	603.7	604.9	604.9	604.9	604.9
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

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°	36.9	34.6	36.9	38.1	39.2	38.1	31.2	23.1	17.3	15.6	13.9
92.5°	86.6	99.3	116.6	148.9	177.8	175.5	136.2	92.3	61.2	54.8	48.5
95°	183.5	232.0	302.4	395.9	452.5	400.6	266.6	166.2	113.1	99.2	85.4
97.5°	377.5	494.1	618.7	743.4	737.6	570.2	354.4	214.7	146.6	131.0	115.4
100°	752.6	910.8	1053.9	1078.1	911.9	628.0	378.6	237.8	176.6	160.4	144.3
102.5°	1229.4	1334.4	1339.0	1202.8	917.7	606.0	379.8	258.6	203.2	187.0	170.8
105°	1547.9	1532.9	1402.5	1162.4	855.4	576.0	385.5	282.8	228.6	212.4	196.2
107.5°	1641.4	1528.3	1334.4	1077.0	797.6	559.8	398.2	307.0	254.0	237.8	221.6
110°	1595.3	1447.5	1240.9	997.3	758.4	555.2	414.4	331.3	280.5	263.8	247.0

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1512.2	1351.7	1155.5	941.9	733.0	556.4	431.7	354.4	305.9	288.6	271.3
115°	1417.5	1266.3	1088.5	898.1	715.7	561.0	449.0	378.6	329.0	313.4	297.8
117.5°	1333.2	1192.4	1033.1	868.1	706.4	567.9	467.5	400.6	354.4	338.2	322.1
120°	1259.4	1137.0	993.9	845.0	698.4	574.9	486.0	423.6	378.6	362.5	346.3
122.5°	1205.1	1090.8	962.7	825.3	693.7	582.9	502.1	445.6	404.0	387.2	370.5
125°	1153.2	1051.6	932.7	806.9	688.0	591.0	519.4	467.5	425.9	409.8	393.6
127.5°	1109.3	1012.3	902.7	789.6	684.5	599.1	535.6	488.3	447.9	431.2	414.4
130°	1064.3	973.1	873.8	772.2	682.2	608.3	550.6	506.7	466.3	450.2	434.0
132.5°	1018.1	936.2	846.1	758.4	681.1	617.6	565.6	522.9	484.8	468.6	452.5
135°	973.1	896.9	820.7	745.7	679.9	624.5	578.3	537.9	501.0	484.8	468.7
137.5°	928.1	865.7	799.9	736.5	679.9	631.4	588.7	550.6	513.7	498.7	483.7
140°	888.8	835.7	780.3	728.4	678.7	636.0	596.8	561.0	526.4	511.4	496.4
142.5°	853.0	809.2	764.2	720.3	678.7	639.5	603.7	569.1	535.6	521.8	507.9
145°	823.0	787.2	749.2	713.4	676.4	641.8	609.5	577.2	546.0	533.3	520.6
147.5°	797.6	768.8	737.6	706.4	673.0	643.0	612.9	584.1	554.1	542.6	531.0
150°	774.6	750.3	724.9	697.2	669.5	641.8	615.3	588.7	562.2	551.8	541.4
152.5°	754.9	735.3	712.2	689.1	663.7	639.5	616.4	593.3	570.2	561.0	551.8
155°	736.5	719.1	700.7	678.7	656.8	637.2	617.6	597.9	578.3	569.6	561.0
157.5°	718.0	703.0	686.8	669.5	649.9	632.6	617.6	601.4	584.1	576.6	569.1
160°	699.5	686.8	674.1	659.1	643.0	629.1	617.6	603.7	589.9	583.6	577.2
162.5°	682.2	671.8	661.4	649.9	637.2	625.6	616.4	604.9	593.3	588.7	584.1
165°	664.9	656.8	648.7	639.5	629.1	621.0	614.1	606.0	595.6	592.2	588.7
167.5°	648.7	643.0	636.0	629.1	622.2	616.4	612.9	606.0	597.9	595.6	593.3
170°	634.9	630.3	626.8	621.0	616.4	612.9	610.6	604.9	599.1	597.4	595.6
172.5°	622.2	618.7	616.4	612.9	609.5	608.3	607.2	603.7	600.2	599.0	597.9
175°	611.8	610.6	609.5	606.0	604.9	603.7	604.9	602.6	600.2	599.7	599.1
177.5°	604.9	603.7	603.7	601.4	600.2	601.4	603.7	601.4	600.2	600.2	600.2
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

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°	11.5	9.2	4.6	1.2
92.5°	39.2	33.5	24.2	17.3
95°	67.0	56.6	45.0	40.4
97.5°	94.7	79.6	67.0	60.0
100°	121.2	102.7	92.3	88.9
102.5°	146.6	128.1	117.7	115.4
105°	170.8	153.5	145.4	140.8
107.5°	196.2	180.1	172.0	168.5
110°	222.8	207.8	200.9	196.2

TEST NUMBER: P999694

CATALOG NUMBER: SA2XXRDIP-B485D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	248.2	234.3	226.2	221.6
115°	274.7	260.9	254.0	248.2
117.5°	300.1	287.4	280.5	275.9
120°	323.2	312.8	305.9	301.3
122.5°	347.5	335.9	329.0	325.5
125°	370.5	356.7	349.8	346.3
127.5°	392.5	377.5	368.2	363.6
130°	410.9	394.8	383.2	378.6
132.5°	428.3	410.9	398.2	392.5
135°	442.1	424.8	410.9	406.3
137.5°	457.1	438.6	424.8	419.0
140°	471.0	452.5	438.6	434.0
142.5°	483.7	465.2	452.5	449.0
145°	497.5	480.2	468.7	464.0
147.5°	511.4	495.2	483.7	480.2
150°	524.1	509.1	499.8	496.4
152.5°	535.6	522.9	513.7	512.5
155°	548.3	535.6	528.7	527.5
157.5°	558.7	547.1	541.4	540.2
160°	567.9	558.7	554.1	552.9
162.5°	576.0	569.1	564.5	565.6
165°	582.9	576.0	573.7	574.9
167.5°	588.7	584.1	581.8	582.9
170°	593.3	589.9	588.7	591.0
172.5°	596.8	593.3	594.5	595.6
175°	599.1	596.8	597.9	599.1
177.5°	600.2	597.9	599.1	601.4
180°	600.2	600.2	600.2	600.2

(END OF REPORT)