

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: P999699

Luminaire Tested: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999699
REPORT IS A COMBINATION OF REPORTS P988254 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

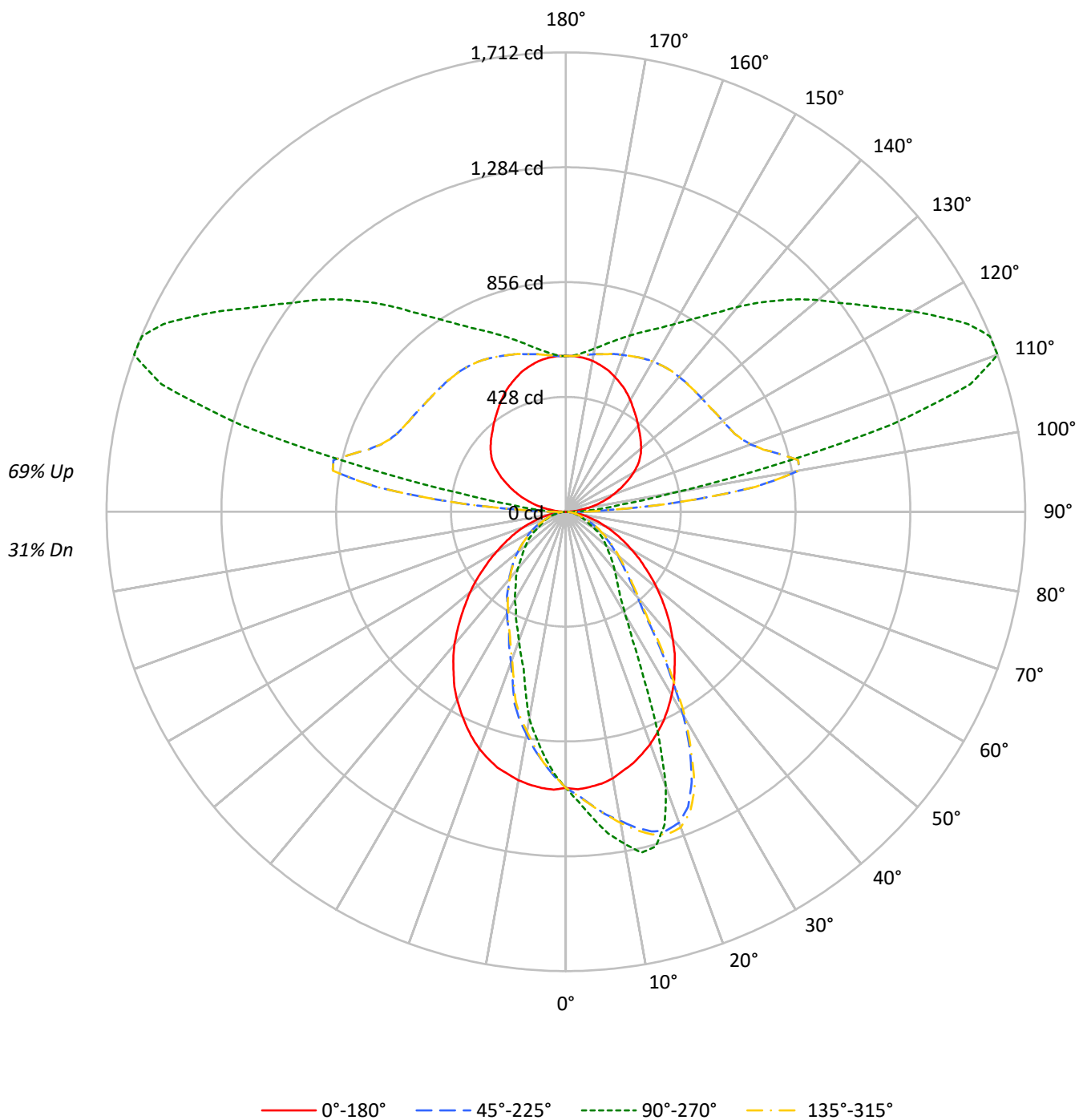
Lumens per Lamp: N/A
Luminaire Lumens: 5824.0 lumens
Efficiency: N/A
Efficacy: 98.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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°	16287	16287	16287	16287
5°	16324	17299	16381	13820
10°	16144	18284	16259	11412
15°	15794	18290	16062	8573
20°	15373	15118	15707	7073
25°	14861	9446	15182	6017
30°	14209	6048	14596	5181
35°	13416	4648	13851	4433
40°	12532	3907	13066	3878
45°	11586	3325	12071	3255
50°	10618	2826	11113	2816
55°	9545	2455	10059	2424
60°	8591	1872	9046	1850
65°	7700	1409	8159	1598
70°	6721	1125	7245	1302
75°	5678	861	6198	986
80°	4511	587	4854	645
85°	3136	303	3433	320

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 14898 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.6	1.7
10°-20°	272.4	4.7
20°-30°	350.6	6.0
30°-40°	332.6	5.7
40°-50°	285.0	4.9
50°-60°	217.1	3.7
60°-70°	136.9	2.4
70°-80°	68.3	1.2
80°-90°	21.3	0.4
90°-100°	226.3	3.9
100°-110°	796.9	13.7
110°-120°	836.9	14.4
120°-130°	688.5	11.8
130°-140°	553.1	9.5
140°-150°	417.8	7.2
150°-160°	293.7	5.0
160°-170°	172.9	3.0
170°-180°	56.2	1.0
0°-30°	720.6	12.4
0°-40°	1053.1	18.1
0°-60°	1555.3	26.7
0°-90°	1781.7	30.6
90°-120°	1860.0	31.9
90°-150°	3519.4	60.4
90°-180°	4042.0	69.4
0°-180°	5824.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1029	1029	1029	1029	1029	
5°	1030	1145	1033	914	1030	98
15°	970	1292	987	606	970	273
25°	861	689	879	439	861	395
35°	706	340	729	324	706	442
45°	530	236	553	231	530	409
55°	358	164	378	162	358	323
65°	217	85	230	96	217	215
75°	102	45	111	52	102	110
85°	22	13	24	14	22	25
90°	1	37	1	37	1	4
95°	39	127	39	127	39	40
105°	136	1258	136	1258	136	145
115°	240	1655	240	1655	240	238
125°	335	1343	335	1343	335	298
135°	393	1113	393	1113	393	304
145°	449	888	449	888	449	282
155°	510	747	510	747	510	235
165°	556	655	556	655	556	157
175°	579	590	579	590	579	55
180°	580	580	580	580	580	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1035.3	1039.6	1041.7	1044.6	1051.0	1055.3	1061.8	1063.2	1062.5	1065.3	1057.5
5°	1029.6	1038.9	1047.5	1054.6	1066.0	1073.2	1081.1	1090.3	1092.5	1103.2	1096.8
7.5°	1021.7	1035.3	1047.5	1061.8	1078.9	1088.2	1100.4	1114.7	1121.1	1134.0	1137.5
10°	1008.8	1028.1	1048.9	1063.9	1087.5	1103.9	1115.4	1138.3	1153.3	1172.6	1169.7
12.5°	988.1	1013.1	1041.0	1066.0	1096.8	1107.5	1129.0	1152.6	1171.9	1189.7	1205.5
15°	970.2	998.8	1029.6	1060.3	1095.4	1115.4	1136.8	1167.6	1188.3	1219.8	1233.3
17.5°	945.9	982.4	1018.9	1053.2	1094.6	1117.5	1144.0	1174.0	1204.7	1234.8	1245.5
20°	920.9	960.2	999.5	1046.0	1093.2	1115.4	1142.5	1179.7	1209.8	1233.3	1233.3
22.5°	890.9	938.8	983.8	1028.1	1079.6	1111.8	1139.7	1183.3	1204.7	1209.8	1190.4
25°	860.8	908.7	958.1	1013.1	1071.8	1100.4	1131.8	1172.6	1179.7	1159.7	1109.7
27.5°	825.1	878.7	934.5	993.8	1055.3	1091.1	1119.7	1146.8	1133.2	1079.6	1001.7
30°	788.6	846.5	909.5	965.9	1040.3	1073.2	1097.5	1105.4	1062.5	975.2	874.4
32.5°	750.7	807.2	873.7	941.6	1016.7	1048.2	1063.9	1043.2	964.5	854.4	731.4
35°	706.4	770.0	839.4	910.2	984.5	1008.1	1017.4	966.7	865.8	723.6	601.3
37.5°	666.4	730.0	804.4	876.6	948.8	961.7	952.4	873.0	745.0	604.2	484.8
40°	619.2	687.1	760.0	840.8	900.2	903.7	880.9	777.9	619.2	486.9	413.3
42.5°	575.6	644.2	717.1	799.4	844.4	832.2	801.5	666.4	516.9	419.7	360.4
45°	530.5	595.6	674.2	747.2	779.3	750.7	704.3	560.5	434.0	361.1	315.3
47.5°	486.9	547.7	625.6	695.7	701.4	669.2	614.2	469.7	376.1	317.5	280.3
50°	444.0	504.8	577.7	635.6	629.9	585.6	523.4	408.3	326.7	280.3	249.5
52.5°	401.1	456.2	526.9	572.7	548.4	505.5	444.0	346.1	285.3	244.5	220.9
55°	358.2	409.7	470.5	508.4	469.7	420.4	376.8	296.7	247.4	214.5	196.6
57.5°	322.5	363.2	419.0	441.9	395.4	356.8	318.9	255.2	214.5	190.9	170.2
60°	283.1	320.3	366.1	379.7	331.8	300.3	268.1	215.9	183.8	163.0	149.4
62.5°	249.5	280.3	315.3	315.3	273.1	249.5	225.2	180.9	154.4	138.0	131.6
65°	216.6	238.8	263.8	261.0	225.2	204.5	185.2	149.4	129.4	118.0	111.5
67.5°	184.5	201.6	218.1	208.1	182.3	164.4	146.6	120.8	107.2	99.4	90.8
70°	155.2	168.7	177.3	168.0	142.3	127.3	114.4	97.2	86.5	76.5	71.5
72.5°	130.1	135.8	138.7	127.3	105.8	97.2	87.9	75.8	66.5	61.5	60.1
75°	101.5	106.5	104.4	95.8	77.9	71.5	64.3	55.8	53.6	50.8	49.3
77.5°	79.4	79.4	75.8	67.9	55.8	50.8	47.9	43.6	41.5	40.8	39.3
80°	56.5	55.8	53.6	45.0	37.9	35.0	35.0	32.2	31.5	30.0	30.0
82.5°	37.2	37.2	34.3	27.2	25.0	24.3	23.6	22.2	22.2	21.4	21.4
85°	22.2	20.7	17.2	15.0	14.3	14.3	13.6	12.9	13.6	12.9	12.9
87.5°	10.0	7.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
90°	1.1	4.5	8.9	11.2	13.4	15.0	16.7	22.3	30.1	36.8	38.0
92.5°	16.7	23.4	32.4	38.0	46.9	53.0	59.2	89.3	131.7	169.7	171.9
95°	39.1	43.5	54.7	64.7	82.6	96.0	109.4	160.7	257.9	387.3	437.6
97.5°	58.0	64.7	77.0	91.5	111.6	126.7	141.8	207.6	342.7	551.4	713.3
100°	86.0	89.3	99.3	117.2	139.5	155.2	170.8	229.9	366.1	607.2	881.8
102.5°	111.6	113.9	123.9	141.8	165.2	180.8	196.5	250.0	367.2	586.0	887.4
105°	136.2	140.6	148.5	165.2	189.8	205.4	221.0	273.5	372.8	557.0	827.1
107.5°	163.0	166.3	174.1	189.8	214.3	230.0	245.6	296.9	385.1	541.4	771.3
110°	189.8	194.2	200.9	215.4	238.9	255.0	271.2	320.4	400.7	536.9	733.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	214.3	218.8	226.6	240.0	262.3	279.0	295.8	342.7	417.5	538.0	708.8
115°	240.0	245.6	252.3	265.7	288.0	303.0	318.1	366.1	434.2	542.5	692.1
117.5°	266.8	271.2	277.9	290.2	311.4	327.0	342.7	387.3	452.1	549.2	683.1
120°	291.3	295.8	302.5	312.6	334.9	350.5	366.1	409.7	469.9	555.9	675.3
122.5°	314.8	318.1	324.8	336.0	358.3	374.5	390.7	430.9	485.6	563.7	670.9
125°	334.9	338.2	344.9	358.3	380.6	396.2	411.9	452.1	502.3	571.5	665.3
127.5°	351.6	356.1	365.0	379.5	400.7	416.9	433.1	472.2	517.9	579.3	661.9
130°	366.1	370.6	381.8	397.4	419.7	435.4	451.0	490.0	532.5	588.3	659.7
132.5°	379.5	385.1	397.4	414.1	437.6	453.2	468.8	505.7	547.0	597.2	658.6
135°	392.9	397.4	410.8	427.5	453.2	468.8	484.5	520.2	559.2	603.9	657.5
137.5°	405.2	410.8	424.2	442.0	467.7	482.2	496.7	532.5	569.3	610.6	657.5
140°	419.7	424.2	437.6	455.4	480.0	494.5	509.0	542.5	577.1	615.1	656.4
142.5°	434.2	437.6	449.8	467.7	491.2	504.6	517.9	550.3	583.8	618.4	656.4
145°	448.7	453.2	464.4	481.1	503.4	515.7	528.0	558.1	589.4	620.6	654.1
147.5°	464.4	467.7	478.9	494.5	513.5	524.6	535.8	564.8	592.7	621.8	650.8
150°	480.0	483.3	492.3	506.8	523.5	533.6	543.6	569.3	595.0	620.6	647.4
152.5°	495.6	496.7	505.7	517.9	533.6	542.5	551.4	573.8	596.1	618.4	641.8
155°	510.1	511.2	517.9	530.2	542.5	550.8	559.2	578.2	597.2	616.2	635.1
157.5°	522.4	523.5	529.1	540.3	550.3	557.6	564.8	581.6	597.2	611.7	628.4
160°	534.7	535.8	540.3	549.2	558.1	564.2	570.4	583.8	597.2	608.4	621.8
162.5°	547.0	545.8	550.3	557.0	564.8	569.3	573.8	584.9	596.1	605.0	616.2
165°	555.9	554.8	557.0	563.7	569.3	572.6	576.0	586.0	593.8	600.5	608.4
167.5°	563.7	562.6	564.8	569.3	573.8	576.0	578.2	586.0	592.7	596.1	601.7
170°	571.5	569.3	570.4	573.8	576.0	577.6	579.3	584.9	590.5	592.7	596.1
172.5°	576.0	574.9	573.8	577.1	578.2	579.4	580.5	583.8	587.1	588.3	589.4
175°	579.3	578.2	577.1	579.3	579.3	579.9	580.5	582.7	584.9	583.8	584.9
177.5°	581.6	579.3	578.2	580.5	580.5	580.5	580.5	581.6	583.8	581.6	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1065.3	1066.8	1068.9	1078.9	1080.3	1083.2	1081.8	1081.8	1082.5	1081.1	1081.8
5°	1111.1	1113.2	1124.0	1136.1	1139.0	1136.1	1139.7	1144.7	1144.7	1144.7	1143.3
7.5°	1154.0	1161.8	1174.0	1191.9	1195.5	1199.0	1205.5	1201.2	1202.6	1209.0	1206.9
10°	1195.5	1206.9	1220.5	1235.5	1243.4	1248.4	1251.2	1257.7	1272.7	1255.5	1261.9
12.5°	1234.8	1251.2	1265.5	1282.0	1287.7	1294.1	1296.3	1302.0	1302.0	1301.3	1306.3
15°	1260.5	1275.5	1288.4	1299.1	1300.6	1299.1	1297.7	1298.4	1300.6	1292.0	1297.0
17.5°	1266.2	1267.7	1272.0	1267.7	1268.4	1253.4	1244.8	1242.6	1222.6	1223.3	1239.8
20°	1238.4	1214.0	1207.6	1184.0	1169.7	1131.1	1129.7	1118.9	1076.8	1089.6	1086.8
22.5°	1161.8	1120.4	1065.3	1038.2	1024.6	983.8	952.4	930.2	915.2	900.2	893.7
25°	1061.0	993.8	915.9	862.3	854.4	816.5	758.6	731.4	699.3	689.2	706.4
27.5°	930.9	843.7	755.7	673.5	658.5	624.2	594.9	575.6	538.4	536.2	537.7
30°	754.3	666.4	592.7	539.1	501.9	486.2	466.9	452.6	437.6	443.3	444.7
32.5°	619.9	536.2	467.6	439.0	421.8	411.8	395.4	386.1	379.7	377.5	376.8
35°	492.6	436.9	406.1	378.2	368.2	361.1	348.9	344.6	338.9	339.6	339.6
37.5°	421.8	375.4	352.5	338.2	328.9	325.3	317.5	313.2	309.6	308.2	310.3
40°	363.9	331.8	317.5	304.6	296.7	295.3	291.0	286.0	281.7	282.4	284.6
42.5°	321.7	303.2	286.0	276.0	270.3	268.1	264.5	261.0	261.0	258.8	258.1
45°	288.1	273.1	258.8	249.5	246.0	243.1	238.8	238.1	235.2	235.9	236.7
47.5°	258.1	246.0	235.2	225.9	222.4	221.6	217.4	214.5	214.5	213.8	213.1
50°	230.9	218.8	209.5	204.5	199.5	198.1	197.3	196.6	195.2	195.2	195.9
52.5°	208.8	196.6	189.5	185.2	182.3	180.9	180.9	180.2	180.2	180.2	179.5
55°	184.5	174.5	168.7	167.3	165.9	165.2	164.4	163.0	162.3	163.7	162.3
57.5°	161.6	158.0	153.0	151.6	148.0	148.0	145.9	144.4	143.0	144.4	144.4
60°	143.7	138.7	135.8	131.6	128.7	125.8	122.3	121.5	120.1	119.4	118.7
62.5°	125.1	120.8	113.7	107.2	103.0	100.1	98.7	98.0	98.0	97.2	97.2
65°	104.4	94.4	90.8	88.7	87.9	87.2	85.8	85.1	85.8	85.1	85.8
67.5°	81.5	80.1	77.9	76.5	75.8	75.1	75.1	74.4	74.4	74.4	74.4
70°	70.8	67.2	66.5	65.1	65.1	64.3	64.3	64.3	64.3	63.6	65.1
72.5°	58.6	56.5	55.8	55.1	55.1	55.1	54.3	54.3	54.3	53.6	54.3
75°	47.9	47.2	45.8	45.8	45.0	45.8	45.0	45.0	44.3	45.0	45.0
77.5°	38.6	37.9	37.2	37.2	36.5	36.5	36.5	36.5	36.5	36.5	37.2
80°	29.3	28.6	27.9	28.6	27.9	28.6	27.9	27.9	28.6	27.9	27.9
82.5°	21.4	20.7	20.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
85°	12.9	12.2	12.2	12.9	12.2	12.9	12.2	12.2	12.2	12.9	12.9
87.5°	5.7	6.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.4
90°	36.8	35.7	33.5	35.7	36.2	36.8	36.8	36.8	36.8	36.8	36.8
92.5°	144.0	112.7	96.0	83.7	79.2	74.8	73.7	69.2	70.3	68.1	70.3
95°	382.9	292.5	224.4	177.5	165.2	152.9	138.4	129.5	126.1	127.3	126.1
97.5°	718.9	598.3	477.8	365.0	331.5	298.0	254.5	232.2	219.9	213.2	219.9
100°	1042.6	1019.1	880.7	727.8	660.2	592.7	500.1	452.1	419.7	399.6	419.7
102.5°	1163.1	1294.9	1290.4	1188.8	1116.2	1043.7	941.0	850.6	808.2	779.1	808.2
105°	1124.1	1356.2	1482.4	1496.9	1478.5	1460.1	1390.8	1321.6	1273.6	1258.0	1273.6
107.5°	1041.5	1290.4	1477.9	1587.3	1609.6	1632.0	1630.8	1620.8	1606.3	1580.6	1606.3
110°	964.4	1200.0	1399.8	1542.7	1588.4	1634.2	1682.2	1703.4	1713.4	1712.3	1713.4

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	910.9	1117.4	1307.1	1462.3	1516.4	1570.6	1642.0	1681.1	1702.3	1710.1	1702.3
115°	868.4	1052.6	1224.5	1370.8	1428.2	1485.7	1565.0	1616.3	1645.4	1655.4	1645.4
117.5°	839.4	999.0	1153.1	1289.3	1344.0	1398.7	1480.1	1534.8	1565.0	1572.8	1565.0
120°	817.1	961.1	1099.5	1217.8	1268.6	1319.4	1397.5	1450.0	1482.4	1493.5	1482.4
122.5°	798.1	931.0	1054.9	1165.4	1210.1	1254.7	1322.8	1374.1	1402.0	1410.9	1402.0
125°	780.3	901.9	1016.9	1115.1	1157.0	1198.9	1263.6	1306.0	1333.9	1342.8	1333.9
127.5°	763.5	872.9	979.0	1072.7	1111.8	1150.9	1207.8	1248.0	1272.5	1279.2	1272.5
130°	746.8	845.0	941.0	1029.2	1066.1	1102.9	1157.6	1195.5	1217.8	1226.8	1217.8
132.5°	733.4	818.2	905.3	984.5	1018.6	1052.6	1106.2	1144.2	1164.2	1172.1	1164.2
135°	721.1	793.7	867.3	941.0	972.2	1003.5	1051.5	1088.3	1108.4	1112.9	1108.4
137.5°	712.2	773.6	837.2	897.5	925.4	953.3	999.0	1031.4	1049.3	1056.0	1049.3
140°	704.4	754.6	808.2	859.5	884.0	908.6	944.3	973.4	990.1	996.8	990.1
142.5°	696.5	739.0	782.5	824.9	844.4	864.0	897.5	923.1	937.7	937.7	937.7
145°	689.8	724.4	761.3	795.9	812.1	828.3	855.0	874.0	885.2	888.5	885.2
147.5°	683.1	713.3	743.4	771.3	783.6	795.9	819.3	835.0	842.8	845.0	842.8
150°	674.2	701.0	725.6	749.0	759.0	769.1	785.8	799.2	805.9	807.0	805.9
152.5°	666.4	688.7	711.1	730.0	738.4	746.8	759.1	770.2	774.7	774.7	774.7
155°	656.4	677.6	695.4	712.2	718.3	724.4	736.7	744.5	749.0	746.8	749.0
157.5°	647.4	664.2	679.8	694.3	699.3	704.4	713.3	720.0	722.2	722.2	722.2
160°	637.4	651.9	664.2	676.4	680.3	684.3	692.1	697.7	698.8	698.8	698.8
162.5°	628.4	639.6	649.7	659.7	662.5	665.3	673.1	676.4	677.6	676.4	677.6
165°	618.4	627.3	635.1	643.0	645.2	647.4	651.9	656.4	656.4	655.2	656.4
167.5°	608.4	615.1	621.8	627.3	629.6	631.8	634.0	636.3	636.3	635.1	636.3
170°	600.5	606.1	609.5	613.9	615.0	616.2	617.3	620.6	619.5	617.3	619.5
172.5°	592.7	596.1	598.3	601.7	602.2	602.8	603.9	605.0	603.9	602.8	603.9
175°	586.0	589.4	590.5	591.6	592.2	592.7	592.7	593.8	592.7	590.5	592.7
177.5°	581.6	583.8	583.8	584.9	584.9	584.9	584.9	584.9	583.8	581.6	583.8
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1084.6	1079.6	1078.2	1079.6	1078.2	1078.9	1073.9	1055.3	1060.3	1052.5	1056.7
5°	1146.1	1141.8	1132.5	1131.1	1129.7	1128.2	1121.1	1104.6	1098.2	1087.5	1086.8
7.5°	1204.7	1204.7	1197.6	1192.6	1186.2	1181.2	1171.9	1147.5	1137.5	1124.7	1117.5
10°	1262.7	1244.1	1251.9	1246.9	1231.2	1228.3	1211.2	1196.9	1177.6	1164.7	1153.3
12.5°	1304.1	1298.4	1291.3	1287.0	1282.7	1273.4	1261.9	1225.5	1215.5	1189.7	1176.9
15°	1302.7	1299.1	1301.3	1301.3	1299.8	1297.7	1288.4	1261.9	1244.8	1219.8	1197.6
17.5°	1232.6	1241.9	1251.2	1257.7	1272.0	1278.4	1287.0	1271.2	1260.5	1239.1	1215.5
20°	1110.4	1133.2	1160.4	1166.1	1179.0	1216.9	1234.1	1247.6	1251.9	1244.8	1225.5
22.5°	940.2	959.5	1025.3	1023.9	1042.4	1087.5	1137.5	1178.3	1210.5	1228.3	1221.2
25°	736.4	763.6	798.6	825.1	885.9	953.1	1015.3	1080.3	1136.1	1185.4	1197.6
27.5°	557.0	592.7	620.6	655.6	686.4	765.7	845.8	947.4	1012.4	1106.1	1154.7
30°	450.4	466.9	494.8	511.2	526.2	587.0	677.8	777.9	892.3	1000.3	1083.9
32.5°	384.7	396.1	416.8	424.0	439.7	480.5	537.7	629.2	747.2	878.0	988.1
35°	345.3	357.5	361.8	368.2	381.1	406.8	446.1	512.6	619.2	747.2	878.7
37.5°	311.7	318.2	330.3	334.6	338.9	358.2	384.7	431.1	501.9	607.0	752.9
40°	288.1	291.7	298.1	301.7	304.6	318.2	341.8	373.2	425.4	505.5	639.9
42.5°	263.1	267.4	271.7	276.0	279.6	290.3	304.6	334.6	369.6	430.4	527.7
45°	238.8	241.7	246.7	249.5	254.5	263.1	276.0	296.7	328.2	366.8	445.4
47.5°	216.6	220.2	222.4	225.9	229.5	238.8	251.0	264.5	290.3	328.2	385.4
50°	196.6	200.9	203.8	204.5	207.3	215.9	225.9	240.9	257.4	286.7	336.8
52.5°	182.3	183.0	185.2	188.0	187.3	192.3	201.6	213.1	230.2	253.8	290.3
55°	165.9	168.0	169.5	170.2	170.2	174.5	179.5	190.2	203.8	223.1	253.8
57.5°	145.1	147.3	151.6	153.0	155.2	157.3	159.4	166.6	178.0	196.6	221.6
60°	123.7	125.1	129.4	132.3	133.7	139.4	142.3	148.0	154.4	168.0	191.6
62.5°	99.4	100.8	103.0	105.8	108.7	117.3	124.4	130.1	135.1	144.4	163.7
65°	86.5	87.2	88.7	89.4	90.1	93.7	100.1	108.0	117.3	124.4	135.8
67.5°	75.1	75.8	76.5	77.9	78.6	79.4	82.2	84.4	93.7	103.7	112.3
70°	64.3	65.8	66.5	66.5	67.2	68.6	70.1	72.9	75.8	80.8	91.5
72.5°	54.3	55.1	56.5	56.5	56.5	57.9	59.3	60.8	62.2	65.1	69.4
75°	45.0	46.5	46.5	46.5	47.2	47.2	48.6	50.0	51.5	53.6	55.1
77.5°	37.2	37.2	37.2	37.2	37.9	37.9	38.6	40.0	40.8	41.5	42.9
80°	27.9	28.6	28.6	28.6	29.3	29.3	29.3	30.7	31.5	31.5	32.9
82.5°	20.7	20.7	20.7	21.4	20.7	21.4	21.4	22.2	21.4	22.2	22.9
85°	12.9	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.3
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.1	6.4	6.4
90°	36.8	36.8	36.8	36.2	35.7	33.5	35.7	36.8	38.0	36.8	30.1
92.5°	69.2	73.7	74.8	79.2	83.7	96.0	112.7	144.0	171.9	169.7	131.7
95°	129.5	138.4	152.9	165.2	177.5	224.4	292.5	382.9	437.6	387.3	257.9
97.5°	232.2	254.5	298.0	331.5	365.0	477.8	598.3	718.9	713.3	551.4	342.7
100°	452.1	500.1	592.7	660.2	727.8	880.7	1019.1	1042.6	881.8	607.2	366.1
102.5°	850.6	941.0	1043.7	1116.2	1188.8	1290.4	1294.9	1163.1	887.4	586.0	367.2
105°	1321.6	1390.8	1460.1	1478.5	1496.9	1482.4	1356.2	1124.1	827.1	557.0	372.8
107.5°	1620.8	1630.8	1632.0	1609.6	1587.3	1477.9	1290.4	1041.5	771.3	541.4	385.1
110°	1703.4	1682.2	1634.2	1588.4	1542.7	1399.8	1200.0	964.4	733.4	536.9	400.7

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1681.1	1642.0	1570.6	1516.4	1462.3	1307.1	1117.4	910.9	708.8	538.0	417.5
115°	1616.3	1565.0	1485.7	1428.2	1370.8	1224.5	1052.6	868.4	692.1	542.5	434.2
117.5°	1534.8	1480.1	1398.7	1344.0	1289.3	1153.1	999.0	839.4	683.1	549.2	452.1
120°	1450.0	1397.5	1319.4	1268.6	1217.8	1099.5	961.1	817.1	675.3	555.9	469.9
122.5°	1374.1	1322.8	1254.7	1210.1	1165.4	1054.9	931.0	798.1	670.9	563.7	485.6
125°	1306.0	1263.6	1198.9	1157.0	1115.1	1016.9	901.9	780.3	665.3	571.5	502.3
127.5°	1248.0	1207.8	1150.9	1111.8	1072.7	979.0	872.9	763.5	661.9	579.3	517.9
130°	1195.5	1157.6	1102.9	1066.1	1029.2	941.0	845.0	746.8	659.7	588.3	532.5
132.5°	1144.2	1106.2	1052.6	1018.6	984.5	905.3	818.2	733.4	658.6	597.2	547.0
135°	1088.3	1051.5	1003.5	972.2	941.0	867.3	793.7	721.1	657.5	603.9	559.2
137.5°	1031.4	999.0	953.3	925.4	897.5	837.2	773.6	712.2	657.5	610.6	569.3
140°	973.4	944.3	908.6	884.0	859.5	808.2	754.6	704.4	656.4	615.1	577.1
142.5°	923.1	897.5	864.0	844.4	824.9	782.5	739.0	696.5	656.4	618.4	583.8
145°	874.0	855.0	828.3	812.1	795.9	761.3	724.4	689.8	654.1	620.6	589.4
147.5°	835.0	819.3	795.9	783.6	771.3	743.4	713.3	683.1	650.8	621.8	592.7
150°	799.2	785.8	769.1	759.0	749.0	725.6	701.0	674.2	647.4	620.6	595.0
152.5°	770.2	759.1	746.8	738.4	730.0	711.1	688.7	666.4	641.8	618.4	596.1
155°	744.5	736.7	724.4	718.3	712.2	695.4	677.6	656.4	635.1	616.2	597.2
157.5°	720.0	713.3	704.4	699.3	694.3	679.8	664.2	647.4	628.4	611.7	597.2
160°	697.7	692.1	684.3	680.3	676.4	664.2	651.9	637.4	621.8	608.4	597.2
162.5°	676.4	673.1	665.3	662.5	659.7	649.7	639.6	628.4	616.2	605.0	596.1
165°	656.4	651.9	647.4	645.2	643.0	635.1	627.3	618.4	608.4	600.5	593.8
167.5°	636.3	634.0	631.8	629.6	627.3	621.8	615.1	608.4	601.7	596.1	592.7
170°	620.6	617.3	616.2	615.0	613.9	609.5	606.1	600.5	596.1	592.7	590.5
172.5°	605.0	603.9	602.8	602.2	601.7	598.3	596.1	592.7	589.4	588.3	587.1
175°	593.8	592.7	592.7	592.2	591.6	590.5	589.4	586.0	584.9	583.8	584.9
177.5°	584.9	584.9	584.9	584.9	584.9	583.8	583.8	581.6	580.5	581.6	583.8
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1050.3	1046.7	1046.7	1044.6	1044.6	1033.2	1033.2	1036.7	1032.4	1027.4	1020.3
5°	1077.5	1069.6	1067.5	1064.6	1055.3	1041.0	1035.3	1033.2	1024.6	1013.8	1001.7
7.5°	1103.2	1090.3	1083.9	1077.5	1065.3	1045.3	1033.9	1026.0	1013.1	996.7	981.0
10°	1128.2	1111.8	1095.4	1087.5	1070.3	1045.3	1028.9	1016.0	997.4	975.2	953.1
12.5°	1151.1	1116.8	1113.9	1098.2	1073.2	1044.6	1019.6	1001.0	977.4	951.6	925.9
15°	1171.1	1136.1	1118.9	1104.6	1071.8	1036.0	1009.6	986.7	955.2	925.9	894.4
17.5°	1181.2	1143.3	1131.8	1108.2	1074.6	1028.1	992.4	964.5	930.2	895.2	859.4
20°	1191.2	1146.8	1128.2	1111.8	1066.0	1013.1	973.1	940.9	903.0	861.6	822.2
22.5°	1196.2	1146.8	1124.7	1101.8	1057.5	996.7	949.5	911.6	867.3	825.1	777.9
25°	1187.6	1142.5	1116.1	1092.5	1042.4	976.7	922.3	879.4	832.2	784.3	736.4
27.5°	1166.1	1132.5	1101.8	1077.5	1021.7	950.9	893.7	845.1	796.5	742.9	694.2
30°	1126.1	1111.1	1086.8	1059.6	998.8	928.0	860.1	810.1	756.5	702.8	652.1
32.5°	1063.9	1076.8	1061.0	1037.4	971.7	896.6	824.4	773.6	715.0	657.1	610.6
35°	988.1	1033.9	1025.3	1008.8	943.1	863.0	790.8	729.3	670.7	612.0	565.6
37.5°	905.2	974.5	981.7	971.7	910.2	828.7	749.3	689.2	629.2	569.8	522.7
40°	791.5	898.0	920.9	925.2	875.9	787.2	704.3	645.6	586.3	528.4	471.2
42.5°	687.1	821.5	850.1	868.0	832.2	746.4	662.8	597.7	539.1	486.9	429.7
45°	589.1	729.3	775.8	798.6	782.9	700.0	613.5	552.7	499.1	451.2	396.1
47.5°	488.3	629.2	694.2	730.7	730.7	652.8	566.3	506.2	454.7	414.0	365.4
50°	421.1	538.4	605.6	653.5	666.4	604.9	523.4	464.7	416.1	371.8	334.6
52.5°	358.9	464.0	519.8	569.8	607.0	553.4	475.5	422.6	374.7	333.2	303.9
55°	310.3	389.0	439.7	494.8	536.2	501.2	429.0	377.5	336.0	301.7	276.7
57.5°	263.8	332.5	373.9	422.6	466.9	440.4	382.5	338.2	301.7	271.7	249.5
60°	224.5	280.3	312.4	350.3	405.4	386.8	338.9	298.1	268.8	241.7	223.1
62.5°	190.9	235.2	262.4	289.6	339.6	331.0	293.9	262.4	237.4	214.5	198.8
65°	156.6	193.0	214.5	238.1	278.1	281.7	251.7	229.5	206.6	186.6	172.3
67.5°	126.6	155.2	174.5	194.5	226.6	236.7	215.9	197.3	178.0	161.6	148.7
70°	102.2	122.3	136.6	152.3	178.7	190.9	180.2	167.3	151.6	138.0	126.6
72.5°	80.8	93.7	102.2	114.4	135.8	148.0	147.3	135.8	124.4	115.1	105.8
75°	59.3	69.4	76.5	84.4	101.5	113.0	115.8	110.8	99.4	92.2	85.1
77.5°	45.0	50.8	54.3	60.1	72.2	82.2	86.5	85.1	77.2	71.5	66.5
80°	34.3	35.7	37.2	39.3	49.3	58.6	61.5	60.8	56.5	54.3	48.6
82.5°	24.3	25.0	25.7	26.5	30.0	37.9	40.8	42.2	38.6	36.5	31.5
85°	14.3	15.0	15.0	16.4	17.2	19.3	24.3	24.3	23.6	20.7	20.0
87.5°	7.1	7.1	6.4	6.4	7.1	7.9	9.3	10.7	9.3	8.6	7.9
90°	22.3	16.7	15.0	13.4	11.2	8.9	4.5	1.1	4.5	8.9	11.2
92.5°	89.3	59.2	53.0	46.9	38.0	32.4	23.4	16.7	23.4	32.4	38.0
95°	160.7	109.4	96.0	82.6	64.7	54.7	43.5	39.1	43.5	54.7	64.7
97.5°	207.6	141.8	126.7	111.6	91.5	77.0	64.7	58.0	64.7	77.0	91.5
100°	229.9	170.8	155.2	139.5	117.2	99.3	89.3	86.0	89.3	99.3	117.2
102.5°	250.0	196.5	180.8	165.2	141.8	123.9	113.9	111.6	113.9	123.9	141.8
105°	273.5	221.0	205.4	189.8	165.2	148.5	140.6	136.2	140.6	148.5	165.2
107.5°	296.9	245.6	230.0	214.3	189.8	174.1	166.3	163.0	166.3	174.1	189.8
110°	320.4	271.2	255.0	238.9	215.4	200.9	194.2	189.8	194.2	200.9	215.4

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	342.7	295.8	279.0	262.3	240.0	226.6	218.8	214.3	218.8	226.6	240.0
115°	366.1	318.1	303.0	288.0	265.7	252.3	245.6	240.0	245.6	252.3	265.7
117.5°	387.3	342.7	327.0	311.4	290.2	277.9	271.2	266.8	271.2	277.9	290.2
120°	409.7	366.1	350.5	334.9	312.6	302.5	295.8	291.3	295.8	302.5	312.6
122.5°	430.9	390.7	374.5	358.3	336.0	324.8	318.1	314.8	318.1	324.8	336.0
125°	452.1	411.9	396.2	380.6	358.3	344.9	338.2	334.9	338.2	344.9	358.3
127.5°	472.2	433.1	416.9	400.7	379.5	365.0	356.1	351.6	356.1	365.0	379.5
130°	490.0	451.0	435.4	419.7	397.4	381.8	370.6	366.1	370.6	381.8	397.4
132.5°	505.7	468.8	453.2	437.6	414.1	397.4	385.1	379.5	385.1	397.4	414.1
135°	520.2	484.5	468.8	453.2	427.5	410.8	397.4	392.9	397.4	410.8	427.5
137.5°	532.5	496.7	482.2	467.7	442.0	424.2	410.8	405.2	410.8	424.2	442.0
140°	542.5	509.0	494.5	480.0	455.4	437.6	424.2	419.7	424.2	437.6	455.4
142.5°	550.3	517.9	504.6	491.2	467.7	449.8	437.6	434.2	437.6	449.8	467.7
145°	558.1	528.0	515.7	503.4	481.1	464.4	453.2	448.7	453.2	464.4	481.1
147.5°	564.8	535.8	524.6	513.5	494.5	478.9	467.7	464.4	467.7	478.9	494.5
150°	569.3	543.6	533.6	523.5	506.8	492.3	483.3	480.0	483.3	492.3	506.8
152.5°	573.8	551.4	542.5	533.6	517.9	505.7	496.7	495.6	496.7	505.7	517.9
155°	578.2	559.2	550.8	542.5	530.2	517.9	511.2	510.1	511.2	517.9	530.2
157.5°	581.6	564.8	557.6	550.3	540.3	529.1	523.5	522.4	523.5	529.1	540.3
160°	583.8	570.4	564.2	558.1	549.2	540.3	535.8	534.7	535.8	540.3	549.2
162.5°	584.9	573.8	569.3	564.8	557.0	550.3	545.8	547.0	545.8	550.3	557.0
165°	586.0	576.0	572.6	569.3	563.7	557.0	554.8	555.9	554.8	557.0	563.7
167.5°	586.0	578.2	576.0	573.8	569.3	564.8	562.6	563.7	562.6	564.8	569.3
170°	584.9	579.3	577.6	576.0	573.8	570.4	569.3	571.5	569.3	570.4	573.8
172.5°	583.8	580.5	579.4	578.2	577.1	573.8	574.9	576.0	574.9	573.8	577.1
175°	582.7	580.5	579.9	579.3	579.3	577.1	578.2	579.3	578.2	577.1	579.3
177.5°	581.6	580.5	580.5	580.5	580.5	578.2	579.3	581.6	579.3	578.2	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1017.4	1018.1	1020.3	1013.8	1003.8	999.5	986.7	984.5	982.4	982.4	984.5
5°	994.5	991.7	992.4	980.2	965.9	957.4	939.5	942.3	933.1	927.3	928.8
7.5°	969.5	961.7	960.9	945.2	927.3	911.6	893.0	888.7	880.1	870.1	865.8
10°	938.1	932.3	921.6	903.7	880.9	868.0	843.0	828.0	825.8	810.8	805.1
12.5°	905.9	895.9	885.1	860.1	834.4	813.7	795.1	778.6	767.2	754.3	745.7
15°	868.7	856.6	844.4	817.9	787.9	767.2	739.3	715.0	681.4	654.9	639.9
17.5°	828.0	814.4	797.9	768.6	739.3	710.7	659.2	630.6	607.0	591.3	582.0
20°	785.8	770.8	754.3	725.0	674.2	624.2	595.6	573.4	559.1	543.4	531.9
22.5°	741.4	725.7	707.8	662.1	608.5	573.4	551.3	530.5	509.8	501.2	495.5
25°	700.0	685.7	662.8	600.6	558.4	526.2	501.2	487.6	476.9	465.5	454.7
27.5°	657.1	630.6	598.4	546.2	519.8	486.9	469.0	459.0	440.4	432.6	427.6
30°	605.6	576.3	545.5	508.4	477.6	454.7	438.3	421.8	411.1	403.3	394.7
32.5°	553.4	525.5	506.2	467.6	444.7	421.1	405.4	395.4	379.7	374.7	371.1
35°	508.4	484.8	467.6	436.1	414.7	393.2	381.8	366.8	356.8	347.5	341.8
37.5°	464.0	451.2	433.3	406.8	383.9	366.8	351.1	346.1	332.5	327.5	321.7
40°	433.3	414.0	399.0	376.1	356.8	338.2	328.2	316.7	307.4	299.6	297.4
42.5°	396.1	381.8	373.2	348.2	328.2	317.5	305.3	292.4	285.3	278.8	271.0
45°	368.2	355.3	343.2	323.2	305.3	291.7	281.0	272.4	260.3	257.4	245.2
47.5°	338.9	326.0	316.7	296.7	280.3	267.4	259.5	248.1	238.1	231.7	225.9
50°	309.6	298.9	290.3	273.1	258.8	245.2	234.5	223.1	218.8	208.1	204.5
52.5°	281.7	274.6	265.3	248.8	234.5	223.1	211.6	202.3	195.9	190.2	185.9
55°	258.1	246.7	242.4	224.5	212.4	200.2	190.2	184.5	176.6	173.0	169.5
57.5°	231.7	225.2	218.1	204.5	190.9	179.5	172.3	163.7	159.4	155.2	152.3
60°	208.8	199.5	193.8	182.3	170.2	159.4	153.0	146.6	140.9	137.3	131.6
62.5°	182.3	175.2	171.6	159.4	149.4	139.4	133.7	127.3	123.0	116.5	109.4
65°	159.4	153.7	149.4	139.4	130.1	120.8	115.1	107.2	101.5	98.0	97.2
67.5°	139.4	135.1	128.7	119.4	110.1	103.0	96.5	90.1	89.4	87.9	87.9
70°	117.3	113.0	109.4	99.4	91.5	83.7	82.2	80.1	77.9	77.2	75.8
72.5°	98.0	94.4	90.1	81.5	73.6	71.5	70.1	68.6	66.5	65.8	65.1
75°	79.4	74.4	71.5	63.6	61.5	60.1	58.6	56.5	55.1	54.3	52.9
77.5°	60.8	55.8	55.8	51.5	50.0	47.9	46.5	45.0	44.3	42.9	42.9
80°	42.9	42.9	41.5	39.3	37.2	36.5	34.3	33.6	32.9	33.6	32.2
82.5°	31.5	28.6	28.6	27.2	25.7	25.0	23.6	23.6	22.9	22.9	22.9
85°	17.9	17.9	17.2	15.7	15.0	15.0	14.3	14.3	13.6	13.6	12.9
87.5°	7.1	6.4	7.1	6.4	6.4	5.7	5.7	5.7	5.0	5.7	5.0
90°	13.4	15.0	16.7	22.3	30.1	36.8	38.0	36.8	35.7	33.5	35.7
92.5°	46.9	53.0	59.2	89.3	131.7	169.7	171.9	144.0	112.7	96.0	83.7
95°	82.6	96.0	109.4	160.7	257.9	387.3	437.6	382.9	292.5	224.4	177.5
97.5°	111.6	126.7	141.8	207.6	342.7	551.4	713.3	718.9	598.3	477.8	365.0
100°	139.5	155.2	170.8	229.9	366.1	607.2	881.8	1042.6	1019.1	880.7	727.8
102.5°	165.2	180.8	196.5	250.0	367.2	586.0	887.4	1163.1	1294.9	1290.4	1188.8
105°	189.8	205.4	221.0	273.5	372.8	557.0	827.1	1124.1	1356.2	1482.4	1496.9
107.5°	214.3	230.0	245.6	296.9	385.1	541.4	771.3	1041.5	1290.4	1477.9	1587.3
110°	238.9	255.0	271.2	320.4	400.7	536.9	733.4	964.4	1200.0	1399.8	1542.7

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	262.3	279.0	295.8	342.7	417.5	538.0	708.8	910.9	1117.4	1307.1	1462.3
115°	288.0	303.0	318.1	366.1	434.2	542.5	692.1	868.4	1052.6	1224.5	1370.8
117.5°	311.4	327.0	342.7	387.3	452.1	549.2	683.1	839.4	999.0	1153.1	1289.3
120°	334.9	350.5	366.1	409.7	469.9	555.9	675.3	817.1	961.1	1099.5	1217.8
122.5°	358.3	374.5	390.7	430.9	485.6	563.7	670.9	798.1	931.0	1054.9	1165.4
125°	380.6	396.2	411.9	452.1	502.3	571.5	665.3	780.3	901.9	1016.9	1115.1
127.5°	400.7	416.9	433.1	472.2	517.9	579.3	661.9	763.5	872.9	979.0	1072.7
130°	419.7	435.4	451.0	490.0	532.5	588.3	659.7	746.8	845.0	941.0	1029.2
132.5°	437.6	453.2	468.8	505.7	547.0	597.2	658.6	733.4	818.2	905.3	984.5
135°	453.2	468.8	484.5	520.2	559.2	603.9	657.5	721.1	793.7	867.3	941.0
137.5°	467.7	482.2	496.7	532.5	569.3	610.6	657.5	712.2	773.6	837.2	897.5
140°	480.0	494.5	509.0	542.5	577.1	615.1	656.4	704.4	754.6	808.2	859.5
142.5°	491.2	504.6	517.9	550.3	583.8	618.4	656.4	696.5	739.0	782.5	824.9
145°	503.4	515.7	528.0	558.1	589.4	620.6	654.1	689.8	724.4	761.3	795.9
147.5°	513.5	524.6	535.8	564.8	592.7	621.8	650.8	683.1	713.3	743.4	771.3
150°	523.5	533.6	543.6	569.3	595.0	620.6	647.4	674.2	701.0	725.6	749.0
152.5°	533.6	542.5	551.4	573.8	596.1	618.4	641.8	666.4	688.7	711.1	730.0
155°	542.5	550.8	559.2	578.2	597.2	616.2	635.1	656.4	677.6	695.4	712.2
157.5°	550.3	557.6	564.8	581.6	597.2	611.7	628.4	647.4	664.2	679.8	694.3
160°	558.1	564.2	570.4	583.8	597.2	608.4	621.8	637.4	651.9	664.2	676.4
162.5°	564.8	569.3	573.8	584.9	596.1	605.0	616.2	628.4	639.6	649.7	659.7
165°	569.3	572.6	576.0	586.0	593.8	600.5	608.4	618.4	627.3	635.1	643.0
167.5°	573.8	576.0	578.2	586.0	592.7	596.1	601.7	608.4	615.1	621.8	627.3
170°	576.0	577.6	579.3	584.9	590.5	592.7	596.1	600.5	606.1	609.5	613.9
172.5°	578.2	579.4	580.5	583.8	587.1	588.3	589.4	592.7	596.1	598.3	601.7
175°	579.3	579.9	580.5	582.7	584.9	583.8	584.9	586.0	589.4	590.5	591.6
177.5°	580.5	580.5	580.5	581.6	583.8	581.6	580.5	581.6	583.8	583.8	584.9
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	984.5	983.1	978.8	980.2	978.1	978.1	976.7	976.7	976.7	980.2	978.1
5°	930.9	925.9	920.9	918.8	916.6	914.5	914.5	913.7	920.2	918.8	924.5
7.5°	864.4	863.0	853.0	853.0	849.4	848.0	851.5	852.3	853.0	854.4	858.0
10°	805.1	801.5	787.2	788.6	786.5	783.6	785.8	784.3	789.3	790.8	789.3
12.5°	735.0	728.6	712.8	705.0	696.4	690.0	697.8	692.1	712.1	717.8	733.6
15°	642.1	629.9	619.2	619.2	611.3	605.6	609.2	615.6	619.9	626.3	629.2
17.5°	579.9	574.8	566.3	561.3	559.1	557.0	557.0	559.8	569.1	568.4	574.1
20°	526.9	524.1	519.8	513.4	511.2	509.8	509.8	509.8	516.2	521.9	525.5
22.5°	490.5	488.3	485.5	476.9	472.6	471.2	474.7	476.9	481.9	486.2	489.8
25°	454.0	449.0	444.0	441.1	439.0	439.0	440.4	441.1	443.3	445.4	449.7
27.5°	424.0	420.4	413.3	405.4	405.4	403.3	404.7	406.1	411.1	418.3	421.8
30°	390.4	389.7	386.8	383.9	381.1	379.7	382.5	384.7	385.4	389.0	389.0
32.5°	366.1	361.1	356.1	353.2	351.8	351.1	351.8	354.6	354.6	358.9	363.9
35°	341.8	338.9	333.9	328.9	327.5	323.9	326.7	329.6	334.6	336.8	338.9
37.5°	315.3	311.7	309.6	308.2	305.3	306.0	303.9	308.2	312.4	311.7	313.2
40°	295.3	288.9	282.4	281.7	281.0	280.3	280.3	281.0	283.8	286.7	291.0
42.5°	269.5	267.4	261.7	256.0	254.5	253.1	251.7	254.5	260.3	265.3	267.4
45°	243.1	240.2	238.8	234.5	231.7	230.9	229.5	233.1	238.1	240.2	241.7
47.5°	218.8	218.1	213.8	214.5	212.4	213.1	212.4	214.5	214.5	216.6	218.1
50°	202.3	200.2	198.1	196.6	194.5	194.5	193.8	194.5	197.3	200.2	199.5
52.5°	185.9	182.3	181.6	180.9	179.5	180.9	178.7	179.5	182.3	183.8	183.0
55°	166.6	165.9	164.4	163.0	162.3	161.6	161.6	161.6	164.4	166.6	167.3
57.5°	151.6	148.0	145.1	145.1	142.3	141.6	143.0	143.7	145.9	147.3	148.7
60°	130.8	129.4	125.1	123.0	118.7	118.0	118.0	120.8	124.4	129.4	130.8
62.5°	108.7	106.5	105.8	105.8	105.8	105.8	105.8	105.8	105.8	106.5	106.5
65°	96.5	97.2	96.5	95.8	96.5	96.5	95.8	95.8	95.8	96.5	97.2
67.5°	86.5	85.8	86.5	85.8	85.1	85.1	84.4	85.1	85.8	86.5	86.5
70°	75.1	75.1	74.4	75.1	74.4	73.6	72.9	72.9	74.4	75.1	75.1
72.5°	64.3	64.3	63.6	63.6	62.2	62.2	62.9	62.2	62.2	64.3	64.3
75°	53.6	52.9	52.2	52.2	51.5	51.5	51.5	50.8	52.2	52.2	52.9
77.5°	42.2	42.2	42.2	41.5	41.5	40.8	40.8	41.5	41.5	41.5	42.2
80°	32.2	32.2	32.2	31.5	30.7	30.7	30.7	30.7	30.7	31.5	30.7
82.5°	22.2	22.2	22.2	22.2	22.2	21.4	21.4	21.4	22.2	22.2	21.4
85°	13.6	12.9	13.6	13.6	12.9	13.6	12.9	12.9	12.2	12.2	12.9
87.5°	5.7	5.0	4.3	4.3	5.0	4.3	4.3	4.3	5.0	4.3	4.3
90°	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.2
92.5°	79.2	74.8	73.7	69.2	70.3	68.1	70.3	69.2	73.7	74.8	79.2
95°	165.2	152.9	138.4	129.5	126.1	127.3	126.1	129.5	138.4	152.9	165.2
97.5°	331.5	298.0	254.5	232.2	219.9	213.2	219.9	232.2	254.5	298.0	331.5
100°	660.2	592.7	500.1	452.1	419.7	399.6	419.7	452.1	500.1	592.7	660.2
102.5°	1116.2	1043.7	941.0	850.6	808.2	779.1	808.2	850.6	941.0	1043.7	1116.2
105°	1478.5	1460.1	1390.8	1321.6	1273.6	1258.0	1273.6	1321.6	1390.8	1460.1	1478.5
107.5°	1609.6	1632.0	1630.8	1620.8	1606.3	1580.6	1606.3	1620.8	1630.8	1632.0	1609.6
110°	1588.4	1634.2	1682.2	1703.4	1713.4	1712.3	1713.4	1703.4	1682.2	1634.2	1588.4

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1516.4	1570.6	1642.0	1681.1	1702.3	1710.1	1702.3	1681.1	1642.0	1570.6	1516.4
115°	1428.2	1485.7	1565.0	1616.3	1645.4	1655.4	1645.4	1616.3	1565.0	1485.7	1428.2
117.5°	1344.0	1398.7	1480.1	1534.8	1565.0	1572.8	1565.0	1534.8	1480.1	1398.7	1344.0
120°	1268.6	1319.4	1397.5	1450.0	1482.4	1493.5	1482.4	1450.0	1397.5	1319.4	1268.6
122.5°	1210.1	1254.7	1322.8	1374.1	1402.0	1410.9	1402.0	1374.1	1322.8	1254.7	1210.1
125°	1157.0	1198.9	1263.6	1306.0	1333.9	1342.8	1333.9	1306.0	1263.6	1198.9	1157.0
127.5°	1111.8	1150.9	1207.8	1248.0	1272.5	1279.2	1272.5	1248.0	1207.8	1150.9	1111.8
130°	1066.1	1102.9	1157.6	1195.5	1217.8	1226.8	1217.8	1195.5	1157.6	1102.9	1066.1
132.5°	1018.6	1052.6	1106.2	1144.2	1164.2	1172.1	1164.2	1144.2	1106.2	1052.6	1018.6
135°	972.2	1003.5	1051.5	1088.3	1108.4	1112.9	1108.4	1088.3	1051.5	1003.5	972.2
137.5°	925.4	953.3	999.0	1031.4	1049.3	1056.0	1049.3	1031.4	999.0	953.3	925.4
140°	884.0	908.6	944.3	973.4	990.1	996.8	990.1	973.4	944.3	908.6	884.0
142.5°	844.4	864.0	897.5	923.1	937.7	937.7	937.7	923.1	897.5	864.0	844.4
145°	812.1	828.3	855.0	874.0	885.2	888.5	885.2	874.0	855.0	828.3	812.1
147.5°	783.6	795.9	819.3	835.0	842.8	845.0	842.8	835.0	819.3	795.9	783.6
150°	759.0	769.1	785.8	799.2	805.9	807.0	805.9	799.2	785.8	769.1	759.0
152.5°	738.4	746.8	759.1	770.2	774.7	774.7	774.7	770.2	759.1	746.8	738.4
155°	718.3	724.4	736.7	744.5	749.0	746.8	749.0	744.5	736.7	724.4	718.3
157.5°	699.3	704.4	713.3	720.0	722.2	722.2	722.2	720.0	713.3	704.4	699.3
160°	680.3	684.3	692.1	697.7	698.8	698.8	698.8	697.7	692.1	684.3	680.3
162.5°	662.5	665.3	673.1	676.4	677.6	676.4	677.6	676.4	673.1	665.3	662.5
165°	645.2	647.4	651.9	656.4	656.4	655.2	656.4	656.4	651.9	647.4	645.2
167.5°	629.6	631.8	634.0	636.3	636.3	635.1	636.3	636.3	634.0	631.8	629.6
170°	615.0	616.2	617.3	620.6	619.5	617.3	619.5	620.6	617.3	616.2	615.0
172.5°	602.2	602.8	603.9	605.0	603.9	602.8	603.9	605.0	603.9	602.8	602.2
175°	592.2	592.7	592.7	593.8	592.7	590.5	592.7	593.8	592.7	592.7	592.2
177.5°	584.9	584.9	584.9	584.9	583.8	581.6	583.8	584.9	584.9	584.9	584.9
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	980.2	983.8	982.4	974.5	982.4	984.5	988.8	993.1	996.0	1000.3	1003.8
5°	918.8	925.9	930.2	925.9	940.2	942.3	952.4	958.1	966.7	973.8	979.5
7.5°	860.8	866.6	875.1	876.6	885.1	895.2	909.5	923.8	937.3	944.5	950.9
10°	798.6	808.6	821.5	818.7	831.5	847.3	862.3	885.1	896.6	909.5	920.9
12.5°	736.4	742.9	760.0	765.7	784.3	796.5	817.2	831.5	860.1	875.1	885.1
15°	627.8	654.2	675.7	701.4	725.7	748.6	767.2	792.9	817.9	829.4	845.8
17.5°	578.4	590.6	603.4	616.3	647.8	688.5	721.4	749.3	770.8	785.8	805.1
20°	526.9	539.1	553.4	565.6	584.9	614.2	654.9	702.8	728.6	744.3	762.9
22.5°	490.5	501.9	511.2	521.9	537.0	558.4	589.1	648.5	682.8	702.1	718.6
25°	451.2	465.5	475.5	483.3	495.5	519.1	544.1	577.7	639.2	654.2	677.1
27.5°	424.0	428.3	439.7	451.9	464.0	476.9	502.6	531.2	572.7	605.6	633.5
30°	391.8	402.5	413.3	418.3	429.0	447.6	463.3	494.1	526.2	552.0	585.6
32.5°	367.5	373.9	381.1	393.2	403.3	416.1	431.9	457.6	484.8	501.2	526.9
35°	340.3	344.6	359.6	364.6	374.7	387.5	403.3	423.3	452.6	465.5	484.0
37.5°	314.6	324.6	328.9	340.3	349.6	362.5	373.9	396.8	416.1	431.1	448.3
40°	294.6	298.9	306.7	316.7	324.6	334.6	348.9	365.4	386.1	398.2	413.3
42.5°	270.3	273.8	283.8	289.6	302.4	311.7	320.3	340.3	358.9	368.2	383.2
45°	243.8	252.4	258.8	270.3	277.4	288.9	299.6	313.9	331.0	341.8	350.3
47.5°	220.9	229.5	235.9	246.7	258.1	263.1	274.6	289.6	305.3	313.9	326.0
50°	202.3	205.2	217.4	222.4	234.5	244.5	252.4	265.3	282.4	287.4	297.4
52.5°	184.5	186.6	194.5	200.9	211.6	220.2	230.2	242.4	256.7	264.5	272.4
55°	168.7	170.2	173.7	180.9	188.0	198.8	208.1	219.5	231.7	240.2	247.4
57.5°	150.9	153.7	156.6	160.9	168.0	178.0	188.0	198.8	208.8	214.5	223.8
60°	130.1	134.4	139.4	144.4	149.4	156.6	168.0	178.0	187.3	192.3	199.5
62.5°	108.0	116.5	120.8	126.6	130.8	137.3	145.9	157.3	163.7	170.2	175.9
65°	97.2	98.0	98.7	104.4	112.3	118.7	126.6	135.1	145.1	149.4	153.7
67.5°	86.5	87.2	88.7	89.4	92.2	99.4	108.0	117.3	125.1	128.0	132.3
70°	75.8	75.8	78.6	79.4	80.1	80.8	87.9	97.2	104.4	108.0	113.0
72.5°	64.3	65.1	66.5	67.2	68.6	70.1	72.2	77.2	85.8	89.4	95.1
75°	52.9	53.6	54.3	55.1	57.2	57.9	60.1	62.9	66.5	70.8	74.4
77.5°	42.2	42.2	42.9	44.3	45.8	46.5	48.6	50.0	51.5	53.6	56.5
80°	31.5	32.2	32.2	33.6	33.6	34.3	35.0	37.2	38.6	40.0	41.5
82.5°	21.4	22.9	22.9	22.9	23.6	24.3	25.0	25.0	26.5	27.2	29.3
85°	12.9	13.6	13.6	13.6	12.9	14.3	14.3	15.0	15.0	15.0	15.7
87.5°	5.0	4.3	5.0	5.0	5.0	5.7	5.0	5.0	5.7	6.4	6.4
90°	35.7	33.5	35.7	36.8	38.0	36.8	30.1	22.3	16.7	15.0	13.4
92.5°	83.7	96.0	112.7	144.0	171.9	169.7	131.7	89.3	59.2	53.0	46.9
95°	177.5	224.4	292.5	382.9	437.6	387.3	257.9	160.7	109.4	96.0	82.6
97.5°	365.0	477.8	598.3	718.9	713.3	551.4	342.7	207.6	141.8	126.7	111.6
100°	727.8	880.7	1019.1	1042.6	881.8	607.2	366.1	229.9	170.8	155.2	139.5
102.5°	1188.8	1290.4	1294.9	1163.1	887.4	586.0	367.2	250.0	196.5	180.8	165.2
105°	1496.9	1482.4	1356.2	1124.1	827.1	557.0	372.8	273.5	221.0	205.4	189.8
107.5°	1587.3	1477.9	1290.4	1041.5	771.3	541.4	385.1	296.9	245.6	230.0	214.3
110°	1542.7	1399.8	1200.0	964.4	733.4	536.9	400.7	320.4	271.2	255.0	238.9

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1462.3	1307.1	1117.4	910.9	708.8	538.0	417.5	342.7	295.8	279.0	262.3
115°	1370.8	1224.5	1052.6	868.4	692.1	542.5	434.2	366.1	318.1	303.0	288.0
117.5°	1289.3	1153.1	999.0	839.4	683.1	549.2	452.1	387.3	342.7	327.0	311.4
120°	1217.8	1099.5	961.1	817.1	675.3	555.9	469.9	409.7	366.1	350.5	334.9
122.5°	1165.4	1054.9	931.0	798.1	670.9	563.7	485.6	430.9	390.7	374.5	358.3
125°	1115.1	1016.9	901.9	780.3	665.3	571.5	502.3	452.1	411.9	396.2	380.6
127.5°	1072.7	979.0	872.9	763.5	661.9	579.3	517.9	472.2	433.1	416.9	400.7
130°	1029.2	941.0	845.0	746.8	659.7	588.3	532.5	490.0	451.0	435.4	419.7
132.5°	984.5	905.3	818.2	733.4	658.6	597.2	547.0	505.7	468.8	453.2	437.6
135°	941.0	867.3	793.7	721.1	657.5	603.9	559.2	520.2	484.5	468.8	453.2
137.5°	897.5	837.2	773.6	712.2	657.5	610.6	569.3	532.5	496.7	482.2	467.7
140°	859.5	808.2	754.6	704.4	656.4	615.1	577.1	542.5	509.0	494.5	480.0
142.5°	824.9	782.5	739.0	696.5	656.4	618.4	583.8	550.3	517.9	504.6	491.2
145°	795.9	761.3	724.4	689.8	654.1	620.6	589.4	558.1	528.0	515.7	503.4
147.5°	771.3	743.4	713.3	683.1	650.8	621.8	592.7	564.8	535.8	524.6	513.5
150°	749.0	725.6	701.0	674.2	647.4	620.6	595.0	569.3	543.6	533.6	523.5
152.5°	730.0	711.1	688.7	666.4	641.8	618.4	596.1	573.8	551.4	542.5	533.6
155°	712.2	695.4	677.6	656.4	635.1	616.2	597.2	578.2	559.2	550.8	542.5
157.5°	694.3	679.8	664.2	647.4	628.4	611.7	597.2	581.6	564.8	557.6	550.3
160°	676.4	664.2	651.9	637.4	621.8	608.4	597.2	583.8	570.4	564.2	558.1
162.5°	659.7	649.7	639.6	628.4	616.2	605.0	596.1	584.9	573.8	569.3	564.8
165°	643.0	635.1	627.3	618.4	608.4	600.5	593.8	586.0	576.0	572.6	569.3
167.5°	627.3	621.8	615.1	608.4	601.7	596.1	592.7	586.0	578.2	576.0	573.8
170°	613.9	609.5	606.1	600.5	596.1	592.7	590.5	584.9	579.3	577.6	576.0
172.5°	601.7	598.3	596.1	592.7	589.4	588.3	587.1	583.8	580.5	579.4	578.2
175°	591.6	590.5	589.4	586.0	584.9	583.8	584.9	582.7	580.5	579.9	579.3
177.5°	584.9	583.8	583.8	581.6	580.5	581.6	583.8	581.6	580.5	580.5	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1028.9	1028.9	1028.9	1028.9
2.5°	1010.3	1008.1	1021.0	1035.3
5°	989.5	993.1	1009.6	1029.6
7.5°	968.1	976.0	995.3	1021.7
10°	938.1	952.4	981.7	1008.8
12.5°	908.7	928.0	955.9	988.1
15°	875.9	897.3	931.6	970.2
17.5°	839.4	863.7	903.7	945.9
20°	800.8	833.0	875.1	920.9
22.5°	757.9	796.5	840.1	890.9
25°	716.4	758.6	802.2	860.8
27.5°	675.7	717.1	765.7	825.1
30°	634.9	672.8	725.0	788.6
32.5°	591.3	630.6	685.7	750.7
35°	551.3	590.6	642.1	706.4
37.5°	508.4	550.5	599.9	666.4
40°	458.3	507.6	555.5	619.2
42.5°	416.8	469.0	515.5	575.6
45°	383.9	433.3	471.9	530.5
47.5°	353.2	393.2	432.6	486.9
50°	323.9	354.6	395.4	444.0
52.5°	293.9	320.3	355.3	401.1
55°	266.7	291.7	323.2	358.2
57.5°	241.7	259.5	291.0	322.5
60°	213.8	232.4	256.7	283.1
62.5°	190.2	204.5	227.4	249.5
65°	165.2	178.7	195.9	216.6
67.5°	142.3	154.4	168.0	184.5
70°	121.5	130.8	140.9	155.2
72.5°	99.4	109.4	118.7	130.1
75°	81.5	85.8	93.7	101.5
77.5°	62.9	68.6	72.9	79.4
80°	45.0	50.0	51.5	56.5
82.5°	30.0	32.9	35.7	37.2
85°	17.2	18.6	21.4	22.2
87.5°	6.4	7.1	8.6	10.0
90°	11.2	8.9	4.5	1.1
92.5°	38.0	32.4	23.4	16.7
95°	64.7	54.7	43.5	39.1
97.5°	91.5	77.0	64.7	58.0
100°	117.2	99.3	89.3	86.0
102.5°	141.8	123.9	113.9	111.6
105°	165.2	148.5	140.6	136.2
107.5°	189.8	174.1	166.3	163.0
110°	215.4	200.9	194.2	189.8

TEST NUMBER: P999699

CATALOG NUMBER: SA2XXRDIP-B485D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	240.0	226.6	218.8	214.3
115°	265.7	252.3	245.6	240.0
117.5°	290.2	277.9	271.2	266.8
120°	312.6	302.5	295.8	291.3
122.5°	336.0	324.8	318.1	314.8
125°	358.3	344.9	338.2	334.9
127.5°	379.5	365.0	356.1	351.6
130°	397.4	381.8	370.6	366.1
132.5°	414.1	397.4	385.1	379.5
135°	427.5	410.8	397.4	392.9
137.5°	442.0	424.2	410.8	405.2
140°	455.4	437.6	424.2	419.7
142.5°	467.7	449.8	437.6	434.2
145°	481.1	464.4	453.2	448.7
147.5°	494.5	478.9	467.7	464.4
150°	506.8	492.3	483.3	480.0
152.5°	517.9	505.7	496.7	495.6
155°	530.2	517.9	511.2	510.1
157.5°	540.3	529.1	523.5	522.4
160°	549.2	540.3	535.8	534.7
162.5°	557.0	550.3	545.8	547.0
165°	563.7	557.0	554.8	555.9
167.5°	569.3	564.8	562.6	563.7
170°	573.8	570.4	569.3	571.5
172.5°	577.1	573.8	574.9	576.0
175°	579.3	577.1	578.2	579.3
177.5°	580.5	578.2	579.3	581.6
180°	580.5	580.5	580.5	580.5

(END OF REPORT)