

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: P1008056

Luminaire Tested: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1008056
REPORT IS A COMBINATION OF REPORTS P984069 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

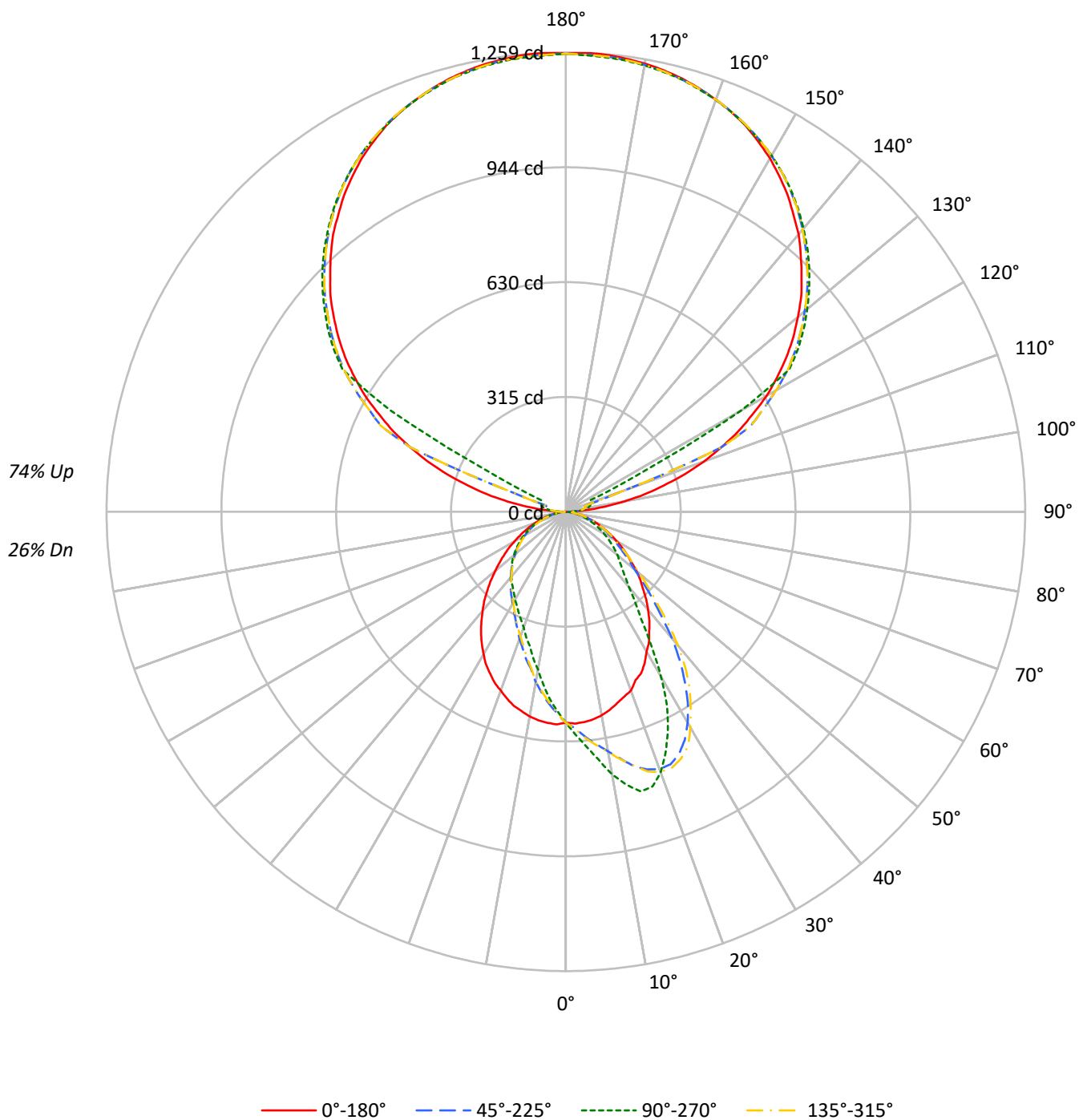
Lumens per Lamp: N/A
Luminaire Lumens: 4956.0 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 41.5
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	101	101	101	101		90	90	90	90		70	70	70		51	51	51		34	34	34
1	93	89	85	82		82	79	76	73		61	59	58		45	44	43		30	30	29
2	84	78	72	67		75	69	65	60		54	51	48		40	38	36		27	26	25
3	77	68	61	56		69	61	55	51		48	44	41		36	33	31		24	23	21
4	71	60	53	47		63	54	48	43		43	38	35		32	29	27		22	20	19
5	65	54	46	41		58	48	42	37		38	33	30		29	25	23		20	18	16
6	60	48	41	35		53	43	37	32		34	30	26		26	23	20		18	16	14
7	55	43	36	31		49	39	33	28		31	26	23		23	20	18		16	14	13
8	51	39	32	27		45	36	29	25		28	24	20		21	18	16		15	13	12
9	47	36	29	24		42	32	26	22		26	21	18		20	17	14		14	12	11
10	44	33	26	21		40	30	24	20		24	19	16		18	15	13		13	11	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9148	9148	9148	9148
5°	9169	9753	9205	7760
10°	9062	10647	9120	6398
15°	8843	11230	8966	5389
20°	8706	10545	8706	4684
25°	8428	9060	8466	4189
30°	7971	7121	8124	3794
35°	7566	4924	7693	3471
40°	7102	3717	7183	3214
45°	6528	3056	6635	2936
50°	6033	2681	6043	2688
55°	5468	2286	5502	2418
60°	4867	1908	4934	2111
65°	4326	1552	4405	1802
70°	3789	1217	3885	1454
75°	3183	884	3306	1055
80°	2483	561	2659	626
85°	1624	282	1752	209

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	1.1
10°-20°	160.2	3.2
20°-30°	232.5	4.7
30°-40°	245.1	4.9
40°-50°	216.9	4.4
50°-60°	173.2	3.5
60°-70°	117.6	2.4
70°-80°	60.2	1.2
80°-90°	16.4	0.3
90°-100°	41.4	0.8
100°-110°	154.2	3.1
110°-120°	409.1	8.3
120°-130°	678.5	13.7
130°-140°	720.7	14.5
140°-150°	669.9	13.5
150°-160°	538.5	10.9
160°-170°	347.0	7.0
170°-180°	119.4	2.4
0°-30°	447.8	9.0
0°-40°	692.9	14.0
0°-60°	1083.0	21.9
0°-90°	1277.2	25.8
90°-120°	604.7	12.2
90°-150°	2673.8	54.0
90°-180°	3679.0	74.2
0°-180°	4956.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	578	578	578	578	578	
5°	578	645	581	514	578	55
15°	543	793	551	381	543	153
25°	488	661	490	306	488	223
35°	398	360	405	254	398	249
45°	299	217	304	208	299	232
55°	205	152	206	161	205	183
65°	122	94	124	109	122	121
75°	57	46	59	55	57	61
85°	12	12	12	9	12	13
90°	1	24	1	24	1	4
95°	59	39	59	39	59	70
105°	276	69	276	69	276	295
115°	522	74	522	74	522	514
125°	738	776	738	776	738	658
135°	913	943	913	943	913	706
145°	1060	1076	1060	1076	1060	663
155°	1167	1168	1167	1168	1167	538
165°	1229	1227	1229	1227	1229	347
175°	1258	1250	1258	1250	1258	120
180°	1255	1255	1255	1255	1255	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	581.0	582.3	584.6	585.0	589.4	593.0	597.0	597.0	598.3	597.9	594.3
5°	578.3	582.3	588.1	593.0	601.0	604.5	609.9	613.9	617.4	620.1	619.6
7.5°	573.9	581.0	589.4	598.8	609.4	615.6	623.2	630.3	635.2	639.6	642.7
10°	566.3	578.3	589.9	602.3	616.1	624.5	633.4	642.7	650.3	658.7	666.7
12.5°	556.1	573.4	587.7	604.1	621.0	630.3	644.5	651.6	666.3	687.6	693.4
15°	543.2	566.8	580.1	601.0	623.2	630.7	650.3	661.8	692.0	705.4	721.4
17.5°	531.2	557.5	575.2	599.2	621.0	635.6	654.7	678.3	703.6	722.7	740.5
20°	521.5	546.8	568.1	594.8	622.3	641.0	661.0	689.4	716.9	736.5	750.2
22.5°	499.3	531.7	556.6	586.3	619.6	645.4	664.5	695.6	725.4	737.4	749.3
25°	488.2	516.1	545.0	578.8	617.9	648.5	665.0	699.6	725.8	730.2	732.9
27.5°	467.7	499.3	533.0	571.7	617.4	643.2	664.1	695.6	716.5	713.4	705.4
30°	442.4	481.1	518.4	560.1	611.2	639.2	658.7	687.6	698.3	682.3	668.1
32.5°	423.8	460.2	501.5	549.9	604.1	630.7	649.8	672.5	674.7	645.9	621.9
35°	398.4	438.9	485.5	536.6	592.1	616.1	633.9	647.6	637.0	596.5	568.1
37.5°	375.8	415.8	465.5	517.5	575.7	599.2	613.4	615.6	589.4	553.9	512.1
40°	350.9	392.2	444.2	498.8	557.5	577.9	586.8	580.1	542.4	501.0	452.6
42.5°	326.0	366.9	422.9	478.8	534.4	551.7	555.2	537.0	490.8	442.4	386.4
45°	298.9	341.6	397.5	454.0	507.7	517.5	517.9	491.7	437.1	386.4	334.5
47.5°	276.7	316.3	371.8	428.2	473.5	480.2	477.5	447.3	387.8	330.9	285.6
50°	252.3	290.1	345.1	400.7	439.3	441.1	434.4	391.3	333.1	281.2	245.2
52.5°	226.1	264.3	314.9	368.2	402.9	400.2	387.3	341.1	286.5	243.4	215.9
55°	205.2	239.0	286.5	338.5	362.9	355.4	341.1	294.1	251.0	214.5	190.6
57.5°	182.1	211.9	258.5	303.8	318.0	310.9	296.7	252.7	212.8	185.2	169.2
60°	160.4	187.4	228.3	266.1	277.2	269.6	253.2	213.7	184.8	161.7	149.7
62.5°	140.4	163.9	198.1	232.8	237.2	229.6	215.4	183.4	158.6	140.4	131.5
65°	121.7	143.9	171.5	197.7	201.7	193.7	179.0	155.9	135.0	123.5	115.0
67.5°	103.5	121.3	145.7	164.8	167.0	159.5	147.5	128.8	115.9	103.5	97.3
70°	87.5	100.8	119.9	135.5	136.4	129.3	123.0	106.2	96.4	87.5	82.6
72.5°	72.0	81.3	95.9	107.5	107.9	103.5	97.7	87.1	78.6	72.4	67.5
75°	56.9	64.9	73.7	84.0	83.5	80.0	75.5	68.8	61.7	57.7	55.5
77.5°	43.5	48.4	55.5	62.2	62.2	60.4	57.7	52.9	48.4	44.4	42.2
80°	31.1	34.2	40.0	42.2	43.1	42.6	40.4	36.9	35.1	32.0	31.1
82.5°	20.0	22.2	24.9	27.1	28.4	27.5	27.1	25.3	22.7	21.8	20.9
85°	11.5	12.4	13.8	15.1	15.5	15.1	16.0	14.7	13.3	13.3	12.9
87.5°	4.9	5.3	6.2	6.2	6.7	6.7	6.2	6.7	6.7	6.2	5.8
90°	0.9	3.1	5.3	7.6	9.8	10.9	11.7	13.3	15.0	16.6	18.2
92.5°	22.7	21.9	21.1	20.3	19.5	19.1	19.4	20.0	20.6	21.2	21.8
95°	59.0	52.4	45.7	39.1	32.4	29.1	29.8	31.2	32.6	34.0	35.4
97.5°	106.2	89.7	73.1	56.6	40.1	31.8	33.4	36.6	39.9	43.1	46.3
100°	160.7	133.1	105.4	77.8	50.1	36.3	38.0	41.5	44.9	48.4	51.8
102.5°	220.6	220.2	219.8	219.4	219.0	218.8	200.4	163.7	127.0	90.3	53.6
105°	276.0	282.1	288.1	294.2	300.3	303.3	275.8	220.7	165.6	110.5	55.4
107.5°	340.5	345.5	350.6	355.6	360.7	363.2	329.2	261.2	193.2	125.2	57.2
110°	402.2	406.4	410.7	414.9	419.2	421.3	392.1	333.8	275.5	217.2	158.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	460.4	464.0	467.6	471.3	474.9	476.7	475.0	471.6	468.1	464.7	461.3
115°	522.1	525.5	528.9	532.4	535.8	537.5	540.0	545.1	550.1	555.2	560.2
117.5°	575.7	579.7	583.7	587.8	591.8	593.8	595.5	599.0	602.4	605.9	609.3
120°	635.6	638.6	641.6	644.7	647.7	649.2	651.0	654.7	658.3	662.0	665.6
122.5°	686.4	689.6	692.9	696.1	699.4	701.0	703.0	707.0	711.1	715.1	719.1
125°	738.2	740.8	743.4	746.1	748.7	750.0	751.9	755.8	759.6	763.5	767.3
127.5°	785.4	788.2	791.0	793.9	796.7	798.1	799.6	802.7	805.7	808.8	811.8
130°	829.9	833.1	836.3	839.6	842.8	844.4	845.5	847.7	850.0	852.2	854.4
132.5°	875.3	877.9	880.5	883.2	885.8	887.1	888.2	890.4	892.7	894.9	897.1
135°	913.4	916.6	919.9	923.1	926.4	928.0	928.9	930.7	932.5	934.3	936.1
137.5°	953.4	955.8	958.2	960.7	963.1	964.3	965.3	967.3	969.4	971.4	973.4
140°	992.4	994.0	995.6	997.3	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7
142.5°	1025.1	1026.5	1027.9	1029.4	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3
145°	1059.6	1059.4	1059.2	1059.0	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2
147.5°	1089.6	1089.0	1088.4	1087.8	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3
150°	1118.7	1117.3	1115.9	1114.4	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8
152.5°	1143.2	1141.6	1140.0	1138.3	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5
155°	1166.8	1165.0	1163.2	1161.3	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5
157.5°	1185.8	1184.2	1182.6	1181.0	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8
160°	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2
162.5°	1216.7	1215.5	1214.3	1213.1	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8
165°	1229.4	1228.2	1227.0	1225.8	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7
167.5°	1239.4	1238.2	1237.0	1235.8	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7
170°	1247.6	1246.4	1245.2	1243.9	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0
172.5°	1253.0	1251.8	1250.6	1249.4	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4
175°	1257.6	1256.2	1254.8	1253.3	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0
177.5°	1259.4	1258.0	1256.6	1255.1	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	600.5	601.0	601.9	606.3	608.5	609.0	607.2	611.2	612.5	611.2	610.3
5°	629.0	631.6	637.0	642.7	642.3	642.7	645.4	648.1	649.0	645.4	646.7
7.5°	653.8	659.2	665.0	673.8	673.8	678.3	680.1	682.3	687.6	684.9	684.1
10°	682.3	689.4	700.0	714.3	714.7	719.1	723.6	730.7	732.9	731.1	732.0
12.5°	717.8	731.6	732.5	748.0	755.1	756.0	763.1	761.8	766.2	766.2	773.8
15°	733.4	754.7	766.7	781.8	786.2	780.9	786.7	792.9	793.3	793.3	792.9
17.5°	761.3	769.8	781.8	789.8	791.5	791.5	792.0	794.7	792.9	789.3	792.0
20°	767.1	770.7	775.1	774.2	775.1	770.7	766.2	761.8	762.2	760.0	766.7
22.5°	756.5	755.6	745.3	738.7	738.7	729.8	721.4	717.4	713.4	714.7	716.9
25°	729.8	716.0	703.6	693.8	691.6	677.4	665.8	662.3	655.6	661.0	661.8
27.5°	687.2	671.6	651.6	643.2	631.6	625.9	617.9	607.2	593.4	601.4	600.1
30°	641.4	618.3	601.9	581.4	563.2	561.9	546.8	529.0	521.9	521.9	525.9
32.5°	590.3	559.7	535.7	506.8	489.1	481.5	463.3	445.5	449.5	436.2	441.1
35°	530.8	490.4	460.2	432.2	418.9	410.0	386.4	376.7	366.0	359.8	371.3
37.5°	473.9	427.3	388.7	358.0	353.1	337.1	321.1	314.9	308.7	311.4	310.9
40°	404.7	363.3	328.7	304.7	296.3	288.7	278.1	270.5	266.5	268.7	269.2
42.5°	342.0	307.4	281.6	264.7	257.6	252.3	247.0	240.8	239.4	239.4	241.2
45°	293.6	265.2	247.9	234.1	230.1	226.1	222.1	219.4	218.5	216.8	218.1
47.5°	255.0	232.3	221.7	211.4	207.0	206.1	202.6	201.2	199.4	199.0	199.4
50°	222.5	208.3	198.6	192.8	189.7	188.3	186.6	183.9	183.0	185.2	184.3
52.5°	199.9	186.6	181.2	175.5	173.7	171.9	169.2	169.7	169.2	168.3	168.3
55°	177.2	168.8	163.5	159.0	158.6	156.8	154.6	153.7	153.2	152.4	153.7
57.5°	159.0	152.4	147.5	143.5	141.7	141.7	139.5	137.7	137.7	137.3	137.7
60°	140.8	134.1	131.0	127.0	125.7	125.3	123.9	123.0	121.7	121.7	121.7
62.5°	123.9	118.6	115.0	111.5	111.9	109.7	107.9	107.0	107.0	107.5	107.5
65°	107.9	104.4	99.9	96.8	95.9	95.5	94.6	94.2	92.8	93.7	93.7
67.5°	93.3	88.4	85.7	84.4	83.1	82.6	81.7	80.8	80.4	80.0	80.8
70°	78.6	74.6	72.4	71.5	70.2	69.7	69.3	68.0	68.4	68.8	69.3
72.5°	65.3	61.7	61.3	58.6	58.6	58.6	56.9	57.7	57.3	56.4	57.3
75°	51.5	49.7	48.9	47.5	48.0	47.5	47.1	45.8	45.8	46.2	46.6
77.5°	40.9	39.1	38.6	37.3	36.4	37.3	36.4	36.0	36.0	36.4	36.4
80°	30.2	29.3	28.0	28.0	28.0	27.5	27.5	27.5	27.1	26.7	27.1
82.5°	20.0	20.0	19.5	19.1	19.5	18.7	19.1	19.1	19.1	19.1	19.1
85°	12.9	12.4	12.4	12.0	12.0	12.0	12.4	11.5	11.5	12.0	12.0
87.5°	5.8	5.8	5.8	6.2	5.8	5.8	5.8	6.2	5.8	5.8	5.8
90°	19.2	20.2	21.2	22.2	22.7	22.9	23.3	23.7	24.1	24.5	24.1
92.5°	22.2	22.6	23.0	23.4	23.6	23.7	23.9	24.1	24.3	24.5	24.3
95°	36.4	37.4	38.5	39.5	40.0	39.9	39.7	39.4	39.2	39.0	39.2
97.5°	46.9	47.5	48.1	48.7	49.0	49.1	49.3	49.5	49.7	49.9	49.7
100°	53.4	55.0	56.6	58.2	59.0	59.2	59.6	60.0	60.4	60.8	60.4
102.5°	55.8	58.0	60.3	62.5	63.6	63.9	64.5	65.1	65.7	66.3	65.7
105°	57.6	59.8	62.1	64.3	65.4	65.8	66.6	67.4	68.2	69.0	68.2
107.5°	59.4	61.6	63.9	66.1	67.2	67.6	68.4	69.2	70.0	70.8	70.0
110°	138.7	118.5	98.4	78.2	68.1	68.5	69.3	70.1	70.9	71.7	70.9

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	374.3	287.3	200.4	113.4	69.9	70.2	70.8	71.4	72.0	72.6	72.0
115°	466.8	373.4	279.9	186.5	139.8	132.5	118.0	103.5	89.0	74.5	89.0
117.5°	580.4	551.6	522.7	493.8	479.4	453.0	400.1	347.2	294.4	241.5	294.4
120°	668.0	670.4	672.9	675.3	676.5	662.9	635.6	608.4	581.1	553.9	581.1
122.5°	720.3	721.5	722.8	724.0	724.6	724.7	724.9	725.1	725.3	725.5	725.3
125°	768.7	770.1	771.5	772.9	773.6	773.9	774.5	775.1	775.7	776.3	775.7
127.5°	813.8	815.8	817.8	819.8	820.8	820.9	821.1	821.3	821.5	821.7	821.5
130°	856.6	858.8	861.1	863.3	864.4	864.3	864.1	863.9	863.7	863.5	863.7
132.5°	898.9	900.7	902.6	904.4	905.3	905.2	905.0	904.8	904.6	904.4	904.6
135°	938.1	940.1	942.2	944.2	945.2	945.0	944.6	944.2	943.8	943.4	943.8
137.5°	975.4	977.4	979.5	981.5	982.5	982.2	981.6	980.9	980.3	979.7	980.3
140°	1011.5	1013.3	1015.2	1017.0	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3
142.5°	1044.9	1046.5	1048.2	1049.8	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0
145°	1075.6	1077.0	1078.4	1079.8	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0
147.5°	1103.3	1104.3	1105.4	1106.4	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0
150°	1128.0	1129.2	1130.5	1131.7	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7
152.5°	1150.7	1151.9	1153.2	1154.4	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0
155°	1170.7	1171.9	1173.2	1174.4	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3
157.5°	1188.2	1189.6	1191.0	1192.4	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4
160°	1203.4	1204.6	1205.8	1207.0	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7
162.5°	1217.2	1218.6	1220.1	1221.5	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8
165°	1228.1	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1
167.5°	1238.1	1239.5	1241.0	1242.4	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7
170°	1245.4	1246.8	1248.2	1249.6	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9
172.5°	1250.8	1252.2	1253.7	1255.1	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4
175°	1254.4	1255.8	1257.3	1258.7	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3
177.5°	1255.3	1256.7	1258.2	1259.6	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	612.5	609.4	606.8	607.2	609.4	607.7	603.2	597.4	595.2	592.5	595.2
5°	649.4	646.7	641.4	641.9	640.5	638.7	631.6	622.8	622.8	615.6	614.8
7.5°	685.8	681.8	678.3	677.4	672.5	668.9	662.7	650.3	645.4	637.0	632.1
10°	726.7	723.6	719.6	714.7	712.0	705.8	695.6	677.4	668.5	657.0	648.5
12.5°	768.0	767.6	758.7	748.9	748.5	738.7	731.6	707.1	695.2	679.6	659.6
15°	794.2	792.0	787.1	782.2	783.5	772.9	756.9	728.0	720.0	701.4	680.1
17.5°	793.8	793.8	792.4	791.5	790.2	787.1	778.2	759.1	746.2	722.7	702.7
20°	768.4	774.2	775.6	775.1	779.6	781.8	781.3	769.3	759.1	738.2	717.8
22.5°	717.8	731.1	736.9	740.5	749.8	754.7	766.2	761.8	759.1	743.6	726.2
25°	670.7	675.2	692.5	693.4	706.3	718.3	729.8	737.4	747.1	741.4	726.7
27.5°	609.9	620.1	632.5	641.9	644.5	668.9	688.0	702.3	724.5	726.2	721.4
30°	541.0	545.9	566.3	578.8	593.0	610.8	638.3	662.7	682.7	700.9	707.1
32.5°	457.1	477.1	489.1	504.2	516.6	548.1	581.9	613.4	636.5	667.2	680.5
35°	380.2	395.8	416.2	422.4	445.1	471.7	515.7	556.1	591.2	622.3	649.4
37.5°	316.7	329.1	350.9	360.7	374.0	408.2	445.1	495.3	537.5	575.7	609.4
40°	273.2	282.5	298.9	302.0	313.2	344.2	374.0	421.1	477.1	528.6	565.5
42.5°	243.4	247.9	259.0	263.0	270.1	290.9	317.6	362.0	414.0	467.3	519.3
45°	222.1	225.2	231.9	235.4	244.3	253.6	275.4	310.9	351.8	405.5	461.5
47.5°	203.0	207.0	209.7	211.9	216.8	227.0	241.2	267.4	306.5	355.8	410.0
50°	187.0	188.3	193.2	193.7	196.8	203.4	216.8	232.8	263.8	303.8	356.2
52.5°	171.0	172.3	175.5	178.6	179.9	185.2	194.1	207.4	230.5	262.1	308.7
55°	155.0	156.8	159.9	162.1	163.5	167.9	173.2	186.1	204.3	226.5	264.7
57.5°	139.0	143.0	143.9	145.2	147.5	152.4	157.2	164.8	179.0	199.4	227.4
60°	123.9	125.3	128.4	129.7	131.9	134.6	140.8	146.6	156.8	172.8	198.1
62.5°	108.4	111.5	112.8	114.2	115.9	119.0	123.0	129.3	138.1	151.0	171.0
65°	95.1	95.5	98.2	99.9	101.7	103.9	107.9	113.7	119.0	131.0	145.7
67.5°	82.2	83.1	84.0	85.7	87.9	90.2	93.7	96.8	103.5	111.5	123.0
70°	69.7	69.7	72.0	73.3	72.8	75.5	78.2	81.7	86.6	94.2	103.5
72.5°	58.6	58.2	60.0	60.4	61.3	63.1	64.9	68.4	71.1	76.8	84.0
75°	46.6	47.5	48.4	48.4	49.7	51.1	52.9	54.6	57.7	61.3	66.6
77.5°	36.9	36.9	37.8	38.2	39.5	39.1	40.9	42.6	44.9	48.0	52.0
80°	27.1	28.0	28.0	28.0	28.4	28.9	30.6	32.0	33.3	35.5	37.3
82.5°	19.1	19.1	20.0	20.0	20.0	20.9	20.9	21.3	22.2	23.5	24.9
85°	12.0	12.0	12.0	12.4	12.0	12.4	13.3	12.9	13.3	14.2	14.2
87.5°	5.8	5.8	5.8	5.8	5.8	6.2	5.8	6.2	6.7	6.7	6.7
90°	23.7	23.3	22.9	22.7	22.2	21.2	20.2	19.2	18.2	16.6	15.0
92.5°	24.1	23.9	23.7	23.6	23.4	23.0	22.6	22.2	21.8	21.2	20.6
95°	39.4	39.7	39.9	40.0	39.5	38.5	37.4	36.4	35.4	34.0	32.6
97.5°	49.5	49.3	49.1	49.0	48.7	48.1	47.5	46.9	46.3	43.1	39.9
100°	60.0	59.6	59.2	59.0	58.2	56.6	55.0	53.4	51.8	48.4	44.9
102.5°	65.1	64.5	63.9	63.6	62.5	60.3	58.0	55.8	53.6	50.3	47.0
105°	67.4	66.6	65.8	65.4	64.3	62.1	59.8	57.6	55.4	52.5	49.6
107.5°	69.2	68.4	67.6	67.2	66.1	63.9	61.6	59.4	57.2	54.5	51.8
110°	70.1	69.3	68.5	68.1	67.2	65.4	63.7	62.1	60.5	58.0	55.5

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CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	71.4	70.8	70.2	69.9	113.4	200.4	287.3	374.3	461.3	464.7	468.1
115°	103.5	118.0	132.5	139.8	186.5	279.9	373.4	466.8	560.2	555.2	550.1
117.5°	347.2	400.1	453.0	479.4	493.8	522.7	551.6	580.4	609.3	605.9	602.4
120°	608.4	635.6	662.9	676.5	675.3	672.9	670.4	668.0	665.6	662.0	658.3
122.5°	725.1	724.9	724.7	724.6	724.0	722.8	721.5	720.3	719.1	715.1	711.1
125°	775.1	774.5	773.9	773.6	772.9	771.5	770.1	768.7	767.3	763.5	759.6
127.5°	821.3	821.1	820.9	820.8	819.8	817.8	815.8	813.8	811.8	808.8	805.7
130°	863.9	864.1	864.3	864.4	863.3	861.1	858.8	856.6	854.4	852.2	850.0
132.5°	904.8	905.0	905.2	905.3	904.4	902.6	900.7	898.9	897.1	894.9	892.7
135°	944.2	944.6	945.0	945.2	944.2	942.2	940.1	938.1	936.1	934.3	932.5
137.5°	980.9	981.6	982.2	982.5	981.5	979.5	977.4	975.4	973.4	971.4	969.4
140°	1015.3	1016.4	1017.4	1017.9	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3
142.5°	1048.0	1049.1	1050.1	1050.6	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1
145°	1078.0	1079.0	1080.0	1080.5	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3
147.5°	1104.8	1105.7	1106.5	1106.9	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5
150°	1129.7	1130.8	1131.8	1132.3	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4
152.5°	1151.4	1152.9	1154.3	1155.0	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5
155°	1170.9	1172.6	1174.2	1175.0	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7
157.5°	1189.0	1190.7	1192.3	1193.1	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2
160°	1204.1	1205.5	1206.9	1207.6	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8
162.5°	1217.6	1219.5	1221.3	1222.2	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8
165°	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5
167.5°	1238.5	1240.4	1242.2	1243.1	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5
170°	1245.7	1247.6	1249.4	1250.3	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2
172.5°	1251.2	1253.1	1254.9	1255.8	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6
175°	1254.3	1256.4	1258.4	1259.4	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2
177.5°	1255.7	1257.6	1259.4	1260.3	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P1008056

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	593.0	590.8	589.4	590.3	587.7	581.0	581.0	583.2	580.6	577.9	573.9
5°	609.4	605.0	602.3	601.9	595.7	585.0	582.8	580.6	574.8	568.6	561.9
7.5°	625.4	617.4	613.0	609.9	601.0	587.2	581.4	576.6	567.2	557.9	549.5
10°	638.7	627.2	621.9	617.0	605.4	588.1	578.8	569.9	557.9	545.9	535.2
12.5°	649.4	636.1	629.4	622.3	608.1	585.4	573.9	559.7	547.7	531.7	521.0
15°	667.2	639.6	633.4	626.8	612.1	581.0	566.8	550.8	534.4	513.0	501.5
17.5°	681.4	644.5	644.1	629.9	610.8	579.2	557.5	536.6	518.8	497.5	479.3
20°	689.8	652.1	645.0	630.3	606.3	567.2	544.6	521.5	502.4	476.6	458.4
22.5°	696.9	662.7	644.1	626.3	597.0	563.2	529.9	508.2	481.9	454.0	436.6
25°	699.6	665.0	645.4	625.0	590.3	551.7	513.9	490.4	461.1	435.7	412.2
27.5°	700.0	664.5	640.5	619.2	581.0	536.6	497.9	473.1	440.6	411.3	387.8
30°	695.6	659.6	637.9	614.8	572.1	522.8	478.4	450.9	416.2	386.9	362.5
32.5°	682.3	649.8	632.1	606.8	560.6	503.7	459.7	429.1	392.7	363.8	340.2
35°	660.1	637.9	618.3	594.8	545.5	485.9	441.1	405.1	368.2	340.7	318.5
37.5°	632.5	620.5	602.3	579.2	528.1	470.0	420.2	380.2	343.4	316.7	294.9
40°	595.2	598.3	580.6	559.7	507.7	448.2	393.1	354.9	320.3	295.4	274.1
42.5°	554.8	567.7	557.5	537.5	485.1	424.2	373.1	330.9	297.2	271.4	253.6
45°	511.3	533.5	527.3	512.6	461.5	398.9	344.7	303.8	274.1	249.2	233.6
47.5°	463.7	495.3	495.3	484.6	435.3	373.6	320.3	278.5	249.2	231.4	216.3
50°	415.3	450.9	456.6	449.5	406.0	344.7	290.5	252.7	227.4	210.1	199.0
52.5°	364.7	406.0	416.6	413.1	374.9	317.2	266.1	229.2	206.1	191.0	181.2
55°	316.3	364.2	375.8	377.1	341.6	286.9	239.0	206.5	184.3	174.1	165.7
57.5°	270.5	316.7	329.6	331.8	307.8	259.4	213.7	185.2	165.2	156.8	150.1
60°	231.4	270.1	286.9	291.8	271.0	227.4	190.1	162.6	147.5	139.5	133.3
62.5°	199.4	230.5	248.3	249.6	240.3	199.4	165.7	142.6	129.7	122.6	119.5
65°	168.3	196.3	207.0	212.3	204.8	172.8	143.0	123.9	113.7	107.5	104.4
67.5°	143.5	161.2	170.1	177.2	169.7	145.7	121.7	106.2	98.6	92.4	90.6
70°	117.7	132.4	139.0	146.1	139.5	121.3	103.9	89.7	83.1	78.2	76.0
72.5°	94.2	105.7	111.9	116.4	112.4	97.3	83.1	73.3	68.4	64.9	63.5
75°	74.6	82.6	86.2	89.3	87.5	76.0	67.1	59.1	54.6	51.5	50.6
77.5°	56.9	62.6	66.6	67.5	65.3	57.7	50.2	45.3	41.8	40.0	39.1
80°	40.4	44.0	46.2	47.5	45.3	42.2	36.9	33.3	30.2	28.0	27.5
82.5°	27.1	28.9	30.6	30.2	29.3	26.7	23.5	21.8	20.4	18.7	18.7
85°	15.5	16.0	16.9	17.3	16.9	15.1	13.3	12.4	11.5	10.2	10.2
87.5°	6.7	7.1	7.1	7.6	6.7	6.7	5.8	4.9	4.9	4.4	4.0
90°	13.3	11.7	10.9	9.8	7.6	5.3	3.1	0.9	3.1	5.3	7.6
92.5°	20.0	19.4	19.1	19.5	20.3	21.1	21.9	22.7	21.9	21.1	20.3
95°	31.2	29.8	29.1	32.4	39.1	45.7	52.4	59.0	52.4	45.7	39.1
97.5°	36.6	33.4	31.8	40.1	56.6	73.1	89.7	106.2	89.7	73.1	56.6
100°	41.5	38.0	36.3	50.1	77.8	105.4	133.1	160.7	133.1	105.4	77.8
102.5°	163.7	200.4	218.8	219.0	219.4	219.8	220.2	220.6	220.2	219.8	219.4
105°	220.7	275.8	303.3	300.3	294.2	288.1	282.1	276.0	282.1	288.1	294.2
107.5°	261.2	329.2	363.2	360.7	355.6	350.6	345.5	340.5	345.5	350.6	355.6
110°	333.8	392.1	421.3	419.2	414.9	410.7	406.4	402.2	406.4	410.7	414.9

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	471.6	475.0	476.7	474.9	471.3	467.6	464.0	460.4	464.0	467.6	471.3
115°	545.1	540.0	537.5	535.8	532.4	528.9	525.5	522.1	525.5	528.9	532.4
117.5°	599.0	595.5	593.8	591.8	587.8	583.7	579.7	575.7	579.7	583.7	587.8
120°	654.7	651.0	649.2	647.7	644.7	641.6	638.6	635.6	638.6	641.6	644.7
122.5°	707.0	703.0	701.0	699.4	696.1	692.9	689.6	686.4	689.6	692.9	696.1
125°	755.8	751.9	750.0	748.7	746.1	743.4	740.8	738.2	740.8	743.4	746.1
127.5°	802.7	799.6	798.1	796.7	793.9	791.0	788.2	785.4	788.2	791.0	793.9
130°	847.7	845.5	844.4	842.8	839.6	836.3	833.1	829.9	833.1	836.3	839.6
132.5°	890.4	888.2	887.1	885.8	883.2	880.5	877.9	875.3	877.9	880.5	883.2
135°	930.7	928.9	928.0	926.4	923.1	919.9	916.6	913.4	916.6	919.9	923.1
137.5°	967.3	965.3	964.3	963.1	960.7	958.2	955.8	953.4	955.8	958.2	960.7
140°	1003.0	1000.8	999.7	998.9	997.3	995.6	994.0	992.4	994.0	995.6	997.3
142.5°	1035.4	1032.8	1031.5	1030.8	1029.4	1027.9	1026.5	1025.1	1026.5	1027.9	1029.4
145°	1063.9	1060.4	1058.7	1058.8	1059.0	1059.2	1059.4	1059.6	1059.4	1059.2	1059.0
147.5°	1092.0	1088.6	1086.9	1087.2	1087.8	1088.4	1089.0	1089.6	1089.0	1088.4	1087.8
150°	1117.1	1113.9	1112.3	1113.0	1114.4	1115.9	1117.3	1118.7	1117.3	1115.9	1114.4
152.5°	1140.4	1137.4	1135.9	1136.7	1138.3	1140.0	1141.6	1143.2	1141.6	1140.0	1138.3
155°	1162.2	1159.8	1158.6	1159.5	1161.3	1163.2	1165.0	1166.8	1165.0	1163.2	1161.3
157.5°	1181.3	1179.5	1178.6	1179.4	1181.0	1182.6	1184.2	1185.8	1184.2	1182.6	1181.0
160°	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1201.0	1199.8	1198.5
162.5°	1212.8	1211.8	1211.3	1211.9	1213.1	1214.3	1215.5	1216.7	1215.5	1214.3	1213.1
165°	1224.9	1224.3	1224.0	1224.6	1225.8	1227.0	1228.2	1229.4	1228.2	1227.0	1225.8
167.5°	1234.9	1234.3	1234.0	1234.6	1235.8	1237.0	1238.2	1239.4	1238.2	1237.0	1235.8
170°	1242.7	1242.3	1242.1	1242.7	1243.9	1245.2	1246.4	1247.6	1246.4	1245.2	1243.9
172.5°	1248.2	1247.8	1247.6	1248.2	1249.4	1250.6	1251.8	1253.0	1251.8	1250.6	1249.4
175°	1251.8	1251.4	1251.2	1251.9	1253.3	1254.8	1256.2	1257.6	1256.2	1254.8	1253.3
177.5°	1253.3	1253.1	1253.0	1253.7	1255.1	1256.6	1258.0	1259.4	1258.0	1256.6	1255.1
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	571.7	573.9	573.4	569.0	564.1	560.1	552.6	553.5	550.8	551.2	553.9
5°	557.5	557.5	555.7	549.5	541.5	537.0	528.6	526.4	521.0	520.6	520.1
7.5°	542.4	540.1	537.9	529.0	519.3	512.1	500.6	497.9	492.6	489.1	487.3
10°	524.6	521.5	517.0	506.8	494.8	485.9	473.9	470.4	460.2	455.7	453.1
12.5°	505.0	503.3	496.2	487.7	468.2	458.4	441.1	444.6	434.4	425.5	424.2
15°	485.5	478.8	474.8	461.1	437.5	433.1	419.3	412.2	402.9	395.8	395.8
17.5°	466.4	456.2	447.3	432.6	415.3	402.9	392.7	389.1	377.6	370.5	369.1
20°	441.1	429.5	427.3	406.4	394.4	380.7	370.9	362.0	353.6	350.5	348.2
22.5°	417.1	403.8	400.2	382.4	370.5	356.7	346.9	340.7	334.5	332.3	328.3
25°	391.3	383.3	378.0	358.9	345.6	332.7	326.0	321.6	315.8	315.4	312.7
27.5°	366.5	358.9	353.6	335.4	325.6	313.6	308.3	303.4	300.3	298.9	297.6
30°	345.1	336.7	330.5	317.2	305.2	295.4	290.9	287.8	286.1	283.8	283.4
32.5°	321.6	316.7	308.3	298.1	288.7	279.4	276.7	274.5	271.8	271.0	270.5
35°	301.6	294.9	289.6	278.1	274.1	266.1	263.0	261.2	257.6	256.7	255.9
37.5°	282.1	275.8	270.1	263.0	255.4	251.0	249.2	246.5	244.7	245.2	244.3
40°	262.5	257.6	253.2	245.6	241.2	239.0	235.4	232.8	231.9	232.3	231.9
42.5°	243.4	239.0	236.3	230.5	226.1	223.9	221.7	219.0	220.3	220.3	221.7
45°	226.1	222.1	220.3	215.9	213.2	209.7	207.4	207.0	208.8	208.3	208.3
47.5°	208.3	207.0	204.8	200.8	197.2	195.0	194.6	194.6	196.3	197.2	196.8
50°	194.6	191.9	189.2	186.1	183.4	182.6	181.2	182.1	183.9	183.9	184.8
52.5°	177.2	175.5	174.6	171.9	170.1	170.1	170.1	170.6	171.9	173.2	172.8
55°	162.1	160.8	159.9	158.6	156.4	156.8	156.4	157.2	158.6	159.9	160.8
57.5°	146.1	145.7	144.8	142.6	142.6	142.1	143.5	143.9	146.1	147.0	148.4
60°	131.9	130.6	130.6	128.8	128.8	128.8	130.1	131.5	133.3	133.7	134.6
62.5°	116.8	116.8	116.4	115.0	115.0	116.4	116.8	118.6	119.5	119.5	120.8
65°	102.6	102.2	101.7	102.2	102.6	102.6	103.9	104.8	105.7	106.2	106.6
67.5°	88.4	87.9	88.8	88.4	89.3	91.1	90.6	91.9	93.3	93.3	93.7
70°	75.1	76.0	75.5	76.4	76.0	76.8	78.2	78.6	78.6	79.1	80.4
72.5°	62.6	62.6	62.6	62.2	62.6	63.5	64.4	64.9	65.7	66.2	67.5
75°	50.6	50.6	49.7	50.6	50.6	51.5	52.4	52.4	52.4	53.3	54.6
77.5°	38.2	38.6	38.2	39.1	39.1	39.5	40.4	40.0	40.9	41.3	41.8
80°	28.0	27.5	27.5	27.5	28.0	28.0	28.9	29.3	29.3	30.6	29.8
82.5°	17.8	18.2	17.8	18.2	18.2	18.7	18.2	18.7	19.1	20.0	19.5
85°	10.2	9.8	9.8	10.2	9.8	9.8	10.2	9.8	10.2	9.8	10.2
87.5°	4.0	3.6	3.6	3.6	3.6	3.1	3.1	2.7	2.7	2.7	2.2
90°	9.8	10.9	11.7	13.3	15.0	16.6	18.2	19.2	20.2	21.2	22.2
92.5°	19.5	19.1	19.4	20.0	20.6	21.2	21.8	22.2	22.6	23.0	23.4
95°	32.4	29.1	29.8	31.2	32.6	34.0	35.4	36.4	37.4	38.5	39.5
97.5°	40.1	31.8	33.4	36.6	39.9	43.1	46.3	46.9	47.5	48.1	48.7
100°	50.1	36.3	38.0	41.5	44.9	48.4	51.8	53.4	55.0	56.6	58.2
102.5°	219.0	218.8	200.4	163.7	127.0	90.3	53.6	55.8	58.0	60.3	62.5
105°	300.3	303.3	275.8	220.7	165.6	110.5	55.4	57.6	59.8	62.1	64.3
107.5°	360.7	363.2	329.2	261.2	193.2	125.2	57.2	59.4	61.6	63.9	66.1
110°	419.2	421.3	392.1	333.8	275.5	217.2	158.9	138.7	118.5	98.4	78.2

TEST NUMBER: P1008056

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	474.9	476.7	475.0	471.6	468.1	464.7	461.3	374.3	287.3	200.4	113.4
115°	535.8	537.5	540.0	545.1	550.1	555.2	560.2	466.8	373.4	279.9	186.5
117.5°	591.8	593.8	595.5	599.0	602.4	605.9	609.3	580.4	551.6	522.7	493.8
120°	647.7	649.2	651.0	654.7	658.3	662.0	665.6	668.0	670.4	672.9	675.3
122.5°	699.4	701.0	703.0	707.0	711.1	715.1	719.1	720.3	721.5	722.8	724.0
125°	748.7	750.0	751.9	755.8	759.6	763.5	767.3	768.7	770.1	771.5	772.9
127.5°	796.7	798.1	799.6	802.7	805.7	808.8	811.8	813.8	815.8	817.8	819.8
130°	842.8	844.4	845.5	847.7	850.0	852.2	854.4	856.6	858.8	861.1	863.3
132.5°	885.8	887.1	888.2	890.4	892.7	894.9	897.1	898.9	900.7	902.6	904.4
135°	926.4	928.0	928.9	930.7	932.5	934.3	936.1	938.1	940.1	942.2	944.2
137.5°	963.1	964.3	965.3	967.3	969.4	971.4	973.4	975.4	977.4	979.5	981.5
140°	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7	1011.5	1013.3	1015.2	1017.0
142.5°	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3	1044.9	1046.5	1048.2	1049.8
145°	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2	1075.6	1077.0	1078.4	1079.8
147.5°	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3	1103.3	1104.3	1105.4	1106.4
150°	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8	1128.0	1129.2	1130.5	1131.7
152.5°	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5	1150.7	1151.9	1153.2	1154.4
155°	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5	1170.7	1171.9	1173.2	1174.4
157.5°	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8	1188.2	1189.6	1191.0	1192.4
160°	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1203.4	1204.6	1205.8	1207.0
162.5°	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8	1217.2	1218.6	1220.1	1221.5
165°	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7	1228.1	1229.5	1231.0	1232.4
167.5°	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7	1238.1	1239.5	1241.0	1242.4
170°	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0	1245.4	1246.8	1248.2	1249.6
172.5°	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4	1250.8	1252.2	1253.7	1255.1
175°	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0	1254.4	1255.8	1257.3	1258.7
177.5°	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9	1255.3	1256.7	1258.2	1259.6
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P1008056

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	550.8	552.1	549.0	548.1	549.0	545.9	546.8	547.7	547.7	549.0	549.9
5°	518.8	517.0	513.9	513.0	512.1	513.5	512.6	513.9	514.4	517.5	517.9
7.5°	487.3	484.6	481.9	479.3	478.4	476.2	478.4	478.4	481.5	480.6	482.8
10°	450.0	449.5	446.0	444.6	442.9	439.3	444.2	442.9	445.1	449.1	450.0
12.5°	422.4	417.5	419.8	413.5	415.8	412.2	412.7	412.7	416.2	416.6	415.8
15°	396.2	392.2	386.4	383.8	382.4	380.7	386.4	386.9	384.2	390.4	388.2
17.5°	369.6	369.6	364.2	362.9	359.3	361.1	360.2	360.7	359.8	364.2	366.5
20°	346.5	344.2	342.5	342.9	338.5	337.6	336.7	337.6	340.7	343.8	344.7
22.5°	327.8	326.5	322.0	322.9	319.4	320.7	319.8	322.0	322.5	322.5	325.6
25°	310.0	308.3	308.7	306.9	305.6	305.6	304.3	305.6	307.4	308.3	308.7
27.5°	296.7	295.4	293.2	291.8	292.7	290.5	292.3	293.6	293.6	292.7	293.6
30°	280.7	281.6	281.6	277.2	279.0	278.1	279.4	280.3	280.3	280.7	279.8
32.5°	270.1	267.4	267.0	266.5	266.5	264.7	264.7	266.1	266.5	267.0	268.3
35°	255.9	255.9	253.6	255.0	253.2	253.6	253.2	253.6	254.5	253.2	254.5
37.5°	243.0	243.4	242.5	243.4	243.9	243.0	242.1	243.9	243.0	243.0	242.1
40°	231.9	231.4	231.9	231.9	231.9	232.3	231.4	231.4	231.4	230.5	229.6
42.5°	222.5	219.9	220.8	221.2	219.9	219.9	220.3	219.9	221.2	218.5	218.5
45°	209.2	208.3	208.8	208.8	209.7	208.3	209.2	209.7	208.3	207.9	207.0
47.5°	197.2	198.1	197.2	198.1	198.1	199.0	197.2	197.7	198.1	196.3	195.0
50°	185.2	185.2	186.6	186.1	186.6	185.7	185.7	185.2	185.7	184.8	183.4
52.5°	174.1	172.8	175.0	174.6	174.1	173.7	173.2	173.7	172.8	171.9	171.9
55°	160.4	160.4	161.7	162.1	162.1	161.2	160.4	160.8	160.4	159.9	159.5
57.5°	149.2	147.5	148.4	148.8	148.8	147.5	148.4	147.5	147.5	147.9	146.6
60°	135.0	135.0	134.1	135.5	135.5	134.6	134.6	135.0	134.1	133.7	133.3
62.5°	119.9	120.4	121.7	122.2	122.6	121.7	120.8	121.3	121.3	119.9	120.4
65°	107.0	107.9	109.7	109.3	108.4	108.8	107.9	108.4	107.0	107.5	106.2
67.5°	94.6	94.2	94.6	94.6	95.5	95.1	94.2	94.2	93.7	95.1	93.7
70°	81.3	81.3	81.3	81.3	81.7	82.2	81.3	80.4	80.8	80.0	79.5
72.5°	67.5	68.0	67.5	68.4	67.1	68.0	68.0	67.5	67.1	67.1	67.1
75°	54.6	55.5	54.2	54.6	54.2	55.1	54.6	54.6	53.7	53.3	53.7
77.5°	41.8	42.2	41.3	41.8	41.3	41.8	41.8	41.3	41.3	41.3	41.3
80°	29.8	30.2	29.8	29.3	28.9	29.8	28.9	29.3	29.8	29.3	30.2
82.5°	19.1	19.1	18.7	19.1	18.2	18.2	18.7	18.7	18.2	19.1	18.2
85°	9.3	9.3	10.2	9.3	8.9	8.9	8.9	9.3	8.9	9.8	9.3
87.5°	2.2	1.8	2.2	2.2	1.8	1.8	2.2	1.8	2.2	2.7	1.8
90°	22.7	22.9	23.3	23.7	24.1	24.5	24.1	23.7	23.3	22.9	22.7
92.5°	23.6	23.7	23.9	24.1	24.3	24.5	24.3	24.1	23.9	23.7	23.6
95°	40.0	39.9	39.7	39.4	39.2	39.0	39.2	39.4	39.7	39.9	40.0
97.5°	49.0	49.1	49.3	49.5	49.7	49.9	49.7	49.5	49.3	49.1	49.0
100°	59.0	59.2	59.6	60.0	60.4	60.8	60.4	60.0	59.6	59.2	59.0
102.5°	63.6	63.9	64.5	65.1	65.7	66.3	65.7	65.1	64.5	63.9	63.6
105°	65.4	65.8	66.6	67.4	68.2	69.0	68.2	67.4	66.6	65.8	65.4
107.5°	67.2	67.6	68.4	69.2	70.0	70.8	70.0	69.2	68.4	67.6	67.2
110°	68.1	68.5	69.3	70.1	70.9	71.7	70.9	70.1	69.3	68.5	68.1

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.9	70.2	70.8	71.4	72.0	72.6	72.0	71.4	70.8	70.2	69.9
115°	139.8	132.5	118.0	103.5	89.0	74.5	89.0	103.5	118.0	132.5	139.8
117.5°	479.4	453.0	400.1	347.2	294.4	241.5	294.4	347.2	400.1	453.0	479.4
120°	676.5	662.9	635.6	608.4	581.1	553.9	581.1	608.4	635.6	662.9	676.5
122.5°	724.6	724.7	724.9	725.1	725.3	725.5	725.3	725.1	724.9	724.7	724.6
125°	773.6	773.9	774.5	775.1	775.7	776.3	775.7	775.1	774.5	773.9	773.6
127.5°	820.8	820.9	821.1	821.3	821.5	821.7	821.5	821.3	821.1	820.9	820.8
130°	864.4	864.3	864.1	863.9	863.7	863.5	863.7	863.9	864.1	864.3	864.4
132.5°	905.3	905.2	905.0	904.8	904.6	904.4	904.6	904.8	905.0	905.2	905.3
135°	945.2	945.0	944.6	944.2	943.8	943.4	943.8	944.2	944.6	945.0	945.2
137.5°	982.5	982.2	981.6	980.9	980.3	979.7	980.3	980.9	981.6	982.2	982.5
140°	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3	1015.3	1016.4	1017.4	1017.9
142.5°	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0	1048.0	1049.1	1050.1	1050.6
145°	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0	1078.0	1079.0	1080.0	1080.5
147.5°	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0	1104.8	1105.7	1106.5	1106.9
150°	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7	1129.7	1130.8	1131.8	1132.3
152.5°	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0	1151.4	1152.9	1154.3	1155.0
155°	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3	1170.9	1172.6	1174.2	1175.0
157.5°	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4	1189.0	1190.7	1192.3	1193.1
160°	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7	1204.1	1205.5	1206.9	1207.6
162.5°	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8	1217.6	1219.5	1221.3	1222.2
165°	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1	1229.5	1231.0	1232.4	1233.1
167.5°	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7	1238.5	1240.4	1242.2	1243.1
170°	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9	1245.7	1247.6	1249.4	1250.3
172.5°	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4	1251.2	1253.1	1254.9	1255.8
175°	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3	1254.3	1256.4	1258.4	1259.4
177.5°	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9	1255.7	1257.6	1259.4	1260.3
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	548.6	552.1	550.8	545.9	551.7	551.7	555.7	555.7	560.6	562.3	565.0
5°	517.5	520.1	522.4	520.1	524.1	530.4	533.9	537.0	543.7	546.4	550.3
7.5°	484.2	489.1	491.3	491.3	497.9	505.0	512.1	516.6	525.9	529.5	533.5
10°	451.7	457.5	462.0	461.5	472.6	477.1	485.9	496.2	505.5	510.8	516.6
12.5°	417.5	420.6	426.9	435.7	438.4	446.4	456.6	469.5	486.4	491.3	499.7
15°	389.1	397.5	402.4	406.4	412.7	420.2	431.3	443.7	460.6	471.3	480.2
17.5°	365.1	376.2	379.3	378.4	386.4	398.0	410.9	420.2	435.3	448.2	456.6
20°	345.6	350.0	355.4	357.6	363.8	376.2	388.7	399.3	411.8	422.0	431.8
22.5°	326.0	329.6	334.0	338.0	342.9	350.0	362.0	375.3	387.3	397.1	408.2
25°	310.0	312.3	316.3	319.4	324.7	329.6	338.0	352.7	366.9	372.7	382.4
27.5°	294.5	296.3	298.9	302.5	305.2	310.0	317.6	329.6	344.2	350.0	363.3
30°	280.7	282.1	284.7	286.5	287.8	293.6	299.4	308.7	319.8	327.8	337.6
32.5°	267.8	269.2	271.8	272.3	274.1	277.2	282.5	290.9	300.7	307.4	315.8
35°	253.6	254.5	257.2	258.1	259.4	262.1	266.1	272.3	281.2	286.1	293.6
37.5°	242.5	242.1	243.9	245.2	247.0	248.3	249.6	255.9	262.5	267.0	272.7
40°	230.5	229.6	230.1	231.9	232.8	234.5	234.5	240.8	245.2	248.7	253.2
42.5°	218.5	218.1	217.2	218.1	219.0	219.4	219.9	224.3	228.8	231.9	236.8
45°	206.5	206.1	205.2	205.7	205.7	206.5	207.9	209.7	212.8	215.4	218.1
47.5°	195.4	194.6	193.2	192.8	193.7	193.7	193.7	195.4	198.6	199.4	202.1
50°	183.9	182.6	180.8	179.9	179.9	179.5	180.3	180.8	183.4	184.3	186.6
52.5°	171.5	170.6	168.8	167.0	167.5	166.6	167.0	167.5	168.3	169.7	171.0
55°	159.0	157.2	155.9	155.5	154.1	154.1	152.8	154.6	154.1	154.6	156.4
57.5°	147.0	145.2	143.0	142.1	140.8	140.4	139.5	139.0	139.5	140.8	142.1
60°	132.8	131.9	130.6	129.3	128.4	127.0	126.1	126.1	125.7	125.7	126.1
62.5°	119.0	118.6	116.8	116.4	115.5	114.6	113.3	112.4	112.4	113.3	113.7
65°	105.7	105.3	103.9	103.5	101.3	100.4	99.9	99.5	98.6	98.6	98.6
67.5°	93.3	91.9	91.9	89.7	87.9	87.1	86.2	85.7	85.7	85.7	86.2
70°	79.5	79.5	78.2	76.8	75.1	75.5	74.2	72.8	72.8	72.0	72.4
72.5°	66.2	65.7	64.4	64.0	62.6	61.3	60.4	61.3	60.0	59.5	60.0
75°	53.3	52.9	52.0	51.1	51.5	50.2	48.9	48.4	48.4	47.5	47.5
77.5°	40.9	41.8	40.0	39.5	38.6	37.8	37.3	36.9	36.9	36.9	37.8
80°	28.4	28.9	28.9	28.0	28.4	27.1	27.1	27.1	25.8	26.2	26.7
82.5°	18.2	18.2	17.8	18.2	17.8	17.8	17.3	17.3	16.9	16.9	17.3
85°	10.2	9.8	9.3	10.2	9.8	9.8	9.3	9.3	9.3	9.3	9.3
87.5°	2.2	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.6	3.6	3.6
90°	22.2	21.2	20.2	19.2	18.2	16.6	15.0	13.3	11.7	10.9	9.8
92.5°	23.4	23.0	22.6	22.2	21.8	21.2	20.6	20.0	19.4	19.1	19.5
95°	39.5	38.5	37.4	36.4	35.4	34.0	32.6	31.2	29.8	29.1	32.4
97.5°	48.7	48.1	47.5	46.9	46.3	43.1	39.9	36.6	33.4	31.8	40.1
100°	58.2	56.6	55.0	53.4	51.8	48.4	44.9	41.5	38.0	36.3	50.1
102.5°	62.5	60.3	58.0	55.8	53.6	90.3	127.0	163.7	200.4	218.8	219.0
105°	64.3	62.1	59.8	57.6	55.4	110.5	165.6	220.7	275.8	303.3	300.3
107.5°	66.1	63.9	61.6	59.4	57.2	125.2	193.2	261.2	329.2	363.2	360.7
110°	78.2	98.4	118.5	138.7	158.9	217.2	275.5	333.8	392.1	421.3	419.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	113.4	200.4	287.3	374.3	461.3	464.7	468.1	471.6	475.0	476.7	474.9
115°	186.5	279.9	373.4	466.8	560.2	555.2	550.1	545.1	540.0	537.5	535.8
117.5°	493.8	522.7	551.6	580.4	609.3	605.9	602.4	599.0	595.5	593.8	591.8
120°	675.3	672.9	670.4	668.0	665.6	662.0	658.3	654.7	651.0	649.2	647.7
122.5°	724.0	722.8	721.5	720.3	719.1	715.1	711.1	707.0	703.0	701.0	699.4
125°	772.9	771.5	770.1	768.7	767.3	763.5	759.6	755.8	751.9	750.0	748.7
127.5°	819.8	817.8	815.8	813.8	811.8	808.8	805.7	802.7	799.6	798.1	796.7
130°	863.3	861.1	858.8	856.6	854.4	852.2	850.0	847.7	845.5	844.4	842.8
132.5°	904.4	902.6	900.7	898.9	897.1	894.9	892.7	890.4	888.2	887.1	885.8
135°	944.2	942.2	940.1	938.1	936.1	934.3	932.5	930.7	928.9	928.0	926.4
137.5°	981.5	979.5	977.4	975.4	973.4	971.4	969.4	967.3	965.3	964.3	963.1
140°	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3	1003.0	1000.8	999.7	998.9
142.5°	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1	1035.4	1032.8	1031.5	1030.8
145°	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3	1063.9	1060.4	1058.7	1058.8
147.5°	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5	1092.0	1088.6	1086.9	1087.2
150°	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4	1117.1	1113.9	1112.3	1113.0
152.5°	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5	1140.4	1137.4	1135.9	1136.7
155°	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7	1162.2	1159.8	1158.6	1159.5
157.5°	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2	1181.3	1179.5	1178.6	1179.4
160°	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3
162.5°	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8	1212.8	1211.8	1211.3	1211.9
165°	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5	1224.9	1224.3	1224.0	1224.6
167.5°	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5	1234.9	1234.3	1234.0	1234.6
170°	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2	1242.7	1242.3	1242.1	1242.7
172.5°	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6	1248.2	1247.8	1247.6	1248.2
175°	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2	1251.8	1251.4	1251.2	1251.9
177.5°	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5	1253.3	1253.1	1253.0	1253.7
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	577.9	577.9	577.9	577.9
2.5°	567.2	567.2	573.9	581.0
5°	554.8	557.9	568.6	578.3
7.5°	542.8	548.1	561.5	573.9
10°	528.1	535.2	551.7	566.3
12.5°	513.9	520.6	539.7	556.1
15°	493.9	502.4	522.8	543.2
17.5°	473.9	482.4	507.3	531.2
20°	450.4	461.5	489.5	521.5
22.5°	428.6	442.4	473.5	499.3
25°	404.7	426.0	454.8	488.2
27.5°	383.3	404.7	434.0	467.7
30°	359.3	381.1	411.3	442.4
32.5°	336.3	356.2	385.6	423.8
35°	312.3	331.4	359.8	398.4
37.5°	290.5	309.2	340.2	375.8
40°	269.2	288.7	315.4	350.9
42.5°	249.2	266.5	290.5	326.0
45°	231.0	243.4	265.6	298.9
47.5°	211.9	223.0	243.4	276.7
50°	194.1	203.4	221.2	252.3
52.5°	176.8	184.8	201.2	226.1
55°	161.2	168.8	180.8	205.2
57.5°	145.2	151.0	162.6	182.1
60°	129.7	135.0	144.4	160.4
62.5°	114.2	118.6	127.5	140.4
65°	100.4	103.9	110.6	121.7
67.5°	87.1	89.3	94.6	103.5
70°	74.2	76.0	80.4	87.5
72.5°	60.4	62.2	67.1	72.0
75°	48.9	49.3	52.9	56.9
77.5°	38.2	37.8	40.4	43.5
80°	26.2	27.5	29.8	31.1
82.5°	17.8	18.2	19.1	20.0
85°	9.8	10.2	10.2	11.5
87.5°	4.0	4.4	4.4	4.9
90°	7.6	5.3	3.1	0.9
92.5°	20.3	21.1	21.9	22.7
95°	39.1	45.7	52.4	59.0
97.5°	56.6	73.1	89.7	106.2
100°	77.8	105.4	133.1	160.7
102.5°	219.4	219.8	220.2	220.6
105°	294.2	288.1	282.1	276.0
107.5°	355.6	350.6	345.5	340.5
110°	414.9	410.7	406.4	402.2

TEST NUMBER: P1008056

CATALOG NUMBER: S122DIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	471.3	467.6	464.0	460.4
115°	532.4	528.9	525.5	522.1
117.5°	587.8	583.7	579.7	575.7
120°	644.7	641.6	638.6	635.6
122.5°	696.1	692.9	689.6	686.4
125°	746.1	743.4	740.8	738.2
127.5°	793.9	791.0	788.2	785.4
130°	839.6	836.3	833.1	829.9
132.5°	883.2	880.5	877.9	875.3
135°	923.1	919.9	916.6	913.4
137.5°	960.7	958.2	955.8	953.4
140°	997.3	995.6	994.0	992.4
142.5°	1029.4	1027.9	1026.5	1025.1
145°	1059.0	1059.2	1059.4	1059.6
147.5°	1087.8	1088.4	1089.0	1089.6
150°	1114.4	1115.9	1117.3	1118.7
152.5°	1138.3	1140.0	1141.6	1143.2
155°	1161.3	1163.2	1165.0	1166.8
157.5°	1181.0	1182.6	1184.2	1185.8
160°	1198.5	1199.8	1201.0	1202.2
162.5°	1213.1	1214.3	1215.5	1216.7
165°	1225.8	1227.0	1228.2	1229.4
167.5°	1235.8	1237.0	1238.2	1239.4
170°	1243.9	1245.2	1246.4	1247.6
172.5°	1249.4	1250.6	1251.8	1253.0
175°	1253.3	1254.8	1256.2	1257.6
177.5°	1255.1	1256.6	1258.0	1259.4
180°	1254.9	1254.9	1254.9	1254.9

(END OF REPORT)