

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: P1027929

Luminaire Tested: S125DIP-B375D850UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027929
REPORT IS A COMBINATION OF REPORTS P1002060 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D850UB27-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

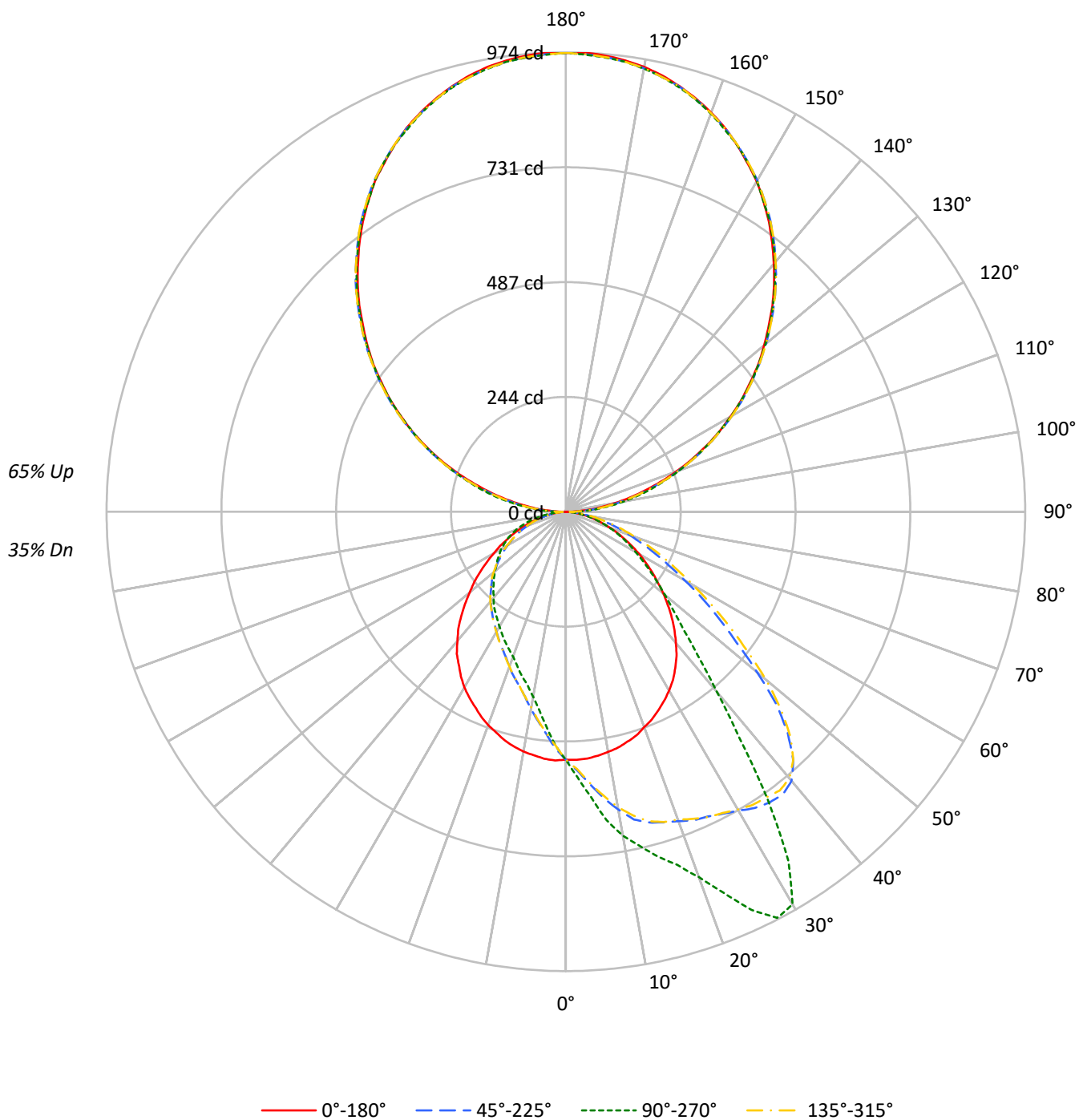
Lumens per Lamp: N/A
Luminaire Lumens: 4200.0 lumens
Efficiency: N/A
Efficacy: 123.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 34.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35		
1	95	91	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30		
2	86	79	73	68	78	72	67	63	58	55	51	45	43	41	34	32	31	25		
3	79	70	63	57	71	63	57	52	51	47	43	40	37	35	30	28	26	22		
4	72	62	54	48	65	56	49	44	46	41	37	36	32	30	27	25	23	19		
5	66	55	47	41	60	50	43	38	41	36	32	32	29	26	24	22	20	16		
6	61	49	41	36	55	45	38	33	37	32	28	29	25	23	22	19	17	14		
7	56	44	37	31	51	40	34	29	33	28	24	26	23	20	20	17	16	13		
8	52	40	33	27	47	37	30	25	30	25	22	24	20	18	18	16	14	11		
9	48	36	29	24	44	33	27	23	28	23	19	22	18	16	17	14	12	10		
10	45	33	26	22	41	31	24	20	25	20	17	20	17	14	16	13	11	9		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3367	3367	3367	3367
5°	3370	3820	3372	2898
10°	3349	4354	3344	2488
15°	3325	4721	3304	2248
20°	3282	5173	3253	2052
25°	3245	5927	3186	1936
30°	3192	6253	3137	1831
35°	3107	5013	3042	1746
40°	2975	3465	2931	1658
45°	2808	2579	2777	1584
50°	2617	2124	2574	1524
55°	2411	1811	2391	1473
60°	2208	1551	2170	1433
65°	1990	1339	1958	1375
70°	1760	1111	1735	1273
75°	1515	860	1494	1105
80°	1196	581	1154	813
85°	766	290	738	415

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5143 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.6	1.2
10°-20°	150.7	3.6
20°-30°	244.7	5.8
30°-40°	299.1	7.1
40°-50°	271.3	6.5
50°-60°	216.1	5.1
60°-70°	150.5	3.6
70°-80°	80.2	1.9
80°-90°	21.4	0.5
90°-100°	64.7	1.5
100°-110°	192.2	4.6
110°-120°	326.0	7.8
120°-130°	429.1	10.2
130°-140°	480.9	11.4
140°-150°	471.4	11.2
150°-160°	395.9	9.4
160°-170°	263.2	6.3
170°-180°	92.1	2.2
0°-30°	446.0	10.6
0°-40°	745.0	17.7
0°-60°	1232.4	29.3
0°-90°	1484.5	35.3
90°-120°	582.9	13.9
90°-150°	1964.3	46.8
90°-180°	2715.0	64.6
0°-180°	4200.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	526	526	526	526	526	
5°	525	606	526	460	525	50
15°	505	757	501	360	505	142
25°	464	932	456	304	464	214
35°	404	748	396	260	404	252
45°	318	352	314	216	318	245
55°	224	217	222	177	224	200
65°	138	133	136	137	138	137
75°	67	66	66	84	67	71
85°	13	15	13	21	13	16
90°	1	18	1	18	1	4
95°	49	65	49	65	49	51
105°	173	188	173	188	173	184
115°	326	329	326	329	326	323
125°	476	479	476	479	476	427
135°	619	622	619	622	619	477
145°	750	753	750	753	750	469
155°	859	859	859	859	859	396
165°	934	931	934	931	934	263
175°	971	967	971	967	971	92
180°	973	973	973	973	973	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	526.4	529.6	533.1	535.8	540.3	541.6	543.8	545.2	546.5	547.8	548.7
5°	525.1	532.7	539.4	544.3	552.8	555.9	559.9	564.8	570.6	575.5	578.6
7.5°	521.5	533.6	542.5	552.3	563.9	571.5	575.5	585.8	595.1	602.3	611.6
10°	517.1	531.3	545.2	559.9	576.4	584.9	592.9	607.2	620.1	631.7	641.1
12.5°	512.2	529.6	546.1	565.2	587.6	597.8	603.2	627.7	643.8	650.0	668.3
15°	504.6	525.1	548.7	572.4	591.1	603.2	617.9	637.5	653.6	667.4	682.1
17.5°	497.4	519.7	543.8	570.2	597.4	613.0	624.1	641.5	658.9	676.8	690.6
20°	485.8	514.8	539.4	567.5	599.6	610.8	622.4	642.9	661.6	680.8	698.2
22.5°	476.5	504.1	537.6	564.4	591.6	602.7	617.0	638.4	660.7	682.6	708.0
25°	464.4	495.2	524.2	552.8	580.9	592.9	605.8	633.5	656.7	684.8	712.9
27.5°	451.5	483.2	512.2	538.0	564.4	580.9	594.7	623.7	654.5	685.3	721.8
30°	437.7	467.5	495.2	520.6	549.6	566.6	580.4	614.3	648.7	687.9	731.7
32.5°	422.9	451.0	474.7	500.6	531.3	547.0	565.7	602.7	643.3	690.2	745.0
35°	404.2	431.0	451.9	478.3	509.0	529.1	548.7	590.2	637.5	689.7	752.6
37.5°	385.5	406.4	426.5	454.6	490.3	508.6	529.1	574.6	628.6	688.4	755.7
40°	363.1	383.7	401.1	429.6	467.1	488.1	509.5	557.2	618.3	683.5	744.6
42.5°	340.8	358.2	377.4	407.3	443.5	465.8	488.5	541.6	605.0	669.2	713.8
45°	317.6	331.0	352.0	379.2	417.6	439.0	464.9	522.4	586.2	643.3	665.6
47.5°	293.6	306.9	326.6	352.9	390.8	416.2	440.8	498.3	562.6	606.7	606.7
50°	270.4	281.1	300.2	326.6	364.9	388.1	413.1	474.2	526.0	558.6	529.6
52.5°	245.4	257.4	273.5	301.1	339.1	360.0	387.2	439.4	488.5	501.9	457.3
55°	223.5	233.3	248.5	274.8	310.1	331.9	355.1	405.1	446.6	445.7	397.9
57.5°	200.8	208.8	224.8	248.9	281.5	301.1	324.3	367.6	401.5	389.5	344.4
60°	179.8	185.6	201.2	220.8	252.1	270.4	292.7	327.9	353.8	336.8	291.3
62.5°	157.9	164.6	177.1	196.3	224.0	238.7	255.2	290.9	307.4	292.2	245.8
65°	138.3	143.7	154.8	170.9	195.9	209.2	223.5	253.0	268.6	246.7	208.3
67.5°	118.7	124.9	132.9	147.2	166.9	179.3	191.8	217.3	224.4	204.8	172.7
70°	100.4	105.7	113.3	123.6	140.1	151.2	160.6	181.6	186.5	168.2	142.8
72.5°	82.5	86.1	92.3	100.8	116.0	122.2	132.1	146.3	152.6	136.1	117.8
75°	66.9	69.6	73.6	79.9	90.1	96.8	104.8	118.2	117.8	106.2	93.2
77.5°	51.8	52.2	56.7	62.5	68.7	74.5	78.5	87.9	88.8	81.6	70.9
80°	37.0	38.4	40.2	44.6	50.0	52.2	57.1	62.9	63.8	58.4	51.3
82.5°	23.6	24.5	25.9	28.6	32.1	34.8	37.5	39.7	41.9	38.8	33.0
85°	13.4	13.8	15.2	16.1	17.8	19.2	21.4	23.6	23.2	21.0	19.2
87.5°	6.7	6.7	6.7	7.6	8.5	8.5	9.4	9.8	10.3	9.4	8.5
90°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.7	10.9	12.1
92.5°	22.7	23.5	24.4	25.2	26.1	26.5	27.3	28.8	30.3	31.8	33.3
95°	49.2	49.5	49.9	50.2	50.5	50.7	51.5	53.2	54.9	56.6	58.3
97.5°	75.7	75.9	76.1	76.2	76.4	76.5	77.7	80.0	82.4	84.7	87.1
100°	106.0	106.0	106.0	106.0	106.0	106.0	107.1	109.3	111.4	113.6	115.8
102.5°	138.6	139.4	140.2	141.1	141.9	142.3	142.7	143.6	144.4	145.3	146.1
105°	172.6	173.4	174.3	175.1	176.0	176.4	176.9	177.9	179.0	180.0	181.0
107.5°	209.7	210.5	211.4	212.2	213.1	213.5	213.9	214.8	215.6	216.5	217.3
110°	248.4	249.2	250.0	250.9	251.7	252.1	252.4	252.9	253.4	253.9	254.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	287.7	288.0	288.4	288.7	289.0	289.2	289.5	290.2	290.9	291.6	292.3
115°	326.3	327.0	327.7	328.4	329.1	329.4	329.6	329.9	330.2	330.6	330.9
117.5°	365.7	365.9	366.1	366.2	366.4	366.5	366.7	367.0	367.3	367.7	368.0
120°	402.1	402.9	403.7	404.6	405.4	405.8	405.9	406.1	406.2	406.4	406.6
122.5°	441.4	441.6	441.8	441.9	442.1	442.2	442.5	443.0	443.5	444.0	444.5
125°	476.3	477.3	478.3	479.3	480.3	480.8	480.9	481.1	481.2	481.4	481.6
127.5°	514.9	515.4	515.9	516.4	516.9	517.2	517.3	517.4	517.6	517.7	517.9
130°	549.0	549.8	550.6	551.5	552.3	552.7	552.9	553.2	553.6	553.9	554.3
132.5°	583.0	584.5	586.0	587.5	589.0	589.8	589.7	589.6	589.4	589.3	589.1
135°	619.4	620.4	621.4	622.4	623.4	623.9	624.0	624.2	624.3	624.5	624.7
137.5°	653.4	654.4	655.4	656.5	657.5	658.0	658.2	658.5	658.8	659.2	659.5
140°	686.0	686.8	687.7	688.5	689.4	689.8	690.1	690.6	691.1	691.6	692.1
142.5°	718.6	719.3	719.9	720.6	721.3	721.6	721.9	722.6	723.3	723.9	724.6
145°	750.4	751.1	751.7	752.4	753.1	753.4	753.7	754.2	754.7	755.2	755.7
147.5°	779.9	780.4	780.9	781.4	781.9	782.2	782.4	782.7	783.0	783.4	783.7
150°	809.4	809.2	809.1	808.9	808.8	808.7	809.0	809.7	810.4	811.0	811.7
152.5°	833.7	834.0	834.4	834.7	835.0	835.2	835.3	835.4	835.6	835.7	835.9
155°	858.6	858.6	858.6	858.6	858.6	858.6	858.7	858.9	859.0	859.2	859.4
157.5°	881.4	881.0	880.7	880.3	880.0	879.8	879.9	880.1	880.2	880.4	880.6
160°	901.0	900.5	900.0	899.5	899.0	898.8	898.9	899.0	899.2	899.3	899.5
162.5°	918.5	918.1	917.8	917.4	917.1	916.9	916.9	916.9	916.9	916.9	916.9
165°	933.6	933.3	932.9	932.6	932.3	932.1	932.2	932.3	932.5	932.6	932.8
167.5°	947.2	946.5	945.9	945.2	944.5	944.2	944.2	944.2	944.2	944.2	944.2
170°	957.8	957.1	956.5	955.8	955.1	954.8	954.8	954.8	954.8	954.8	954.8
172.5°	965.4	964.7	964.1	963.4	962.7	962.4	962.4	962.4	962.4	962.4	962.4
175°	970.7	970.0	969.4	968.7	968.0	967.7	967.7	967.7	967.7	967.7	967.7
177.5°	974.5	973.8	973.2	972.5	971.8	971.5	971.4	971.2	971.1	970.9	970.7
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	549.6	552.8	555.4	557.7	559.4	562.1	560.3	560.8	561.7	563.5	563.5
5°	585.3	590.2	592.9	601.8	604.1	603.6	602.3	609.4	609.0	606.3	605.8
7.5°	620.1	628.6	636.2	643.3	645.5	651.3	652.7	655.8	654.9	659.4	657.1
10°	651.8	665.2	672.3	683.0	685.7	688.4	691.9	693.7	697.7	697.3	697.3
12.5°	676.3	692.4	701.8	704.4	714.7	717.8	720.9	726.7	725.4	725.9	728.5
15°	695.5	711.1	719.2	731.7	738.8	742.4	747.7	754.0	753.1	757.1	756.2
17.5°	709.8	724.5	739.2	758.0	758.4	767.8	780.3	783.0	788.8	784.7	784.7
20°	721.4	741.0	762.0	786.1	788.8	794.6	809.7	820.0	826.7	824.4	825.8
22.5°	733.9	762.0	786.5	810.6	823.6	833.8	848.5	864.6	870.4	874.0	873.1
25°	749.9	779.4	815.5	849.0	862.4	882.0	901.6	917.2	921.7	931.5	922.6
27.5°	766.5	807.9	853.0	892.3	909.2	925.3	948.9	960.5	966.3	970.8	967.7
30°	780.3	837.4	886.5	922.6	934.6	944.0	957.4	960.1	957.8	961.4	965.9
32.5°	801.7	857.5	899.0	916.4	915.0	914.6	904.3	890.0	886.9	878.4	890.0
35°	813.3	857.9	874.0	850.8	841.4	824.4	791.9	770.5	751.7	747.7	748.6
37.5°	806.6	824.0	804.8	743.7	728.5	702.7	659.4	629.0	615.2	604.5	618.3
40°	770.5	751.3	698.6	624.1	602.3	577.7	537.1	520.6	501.0	497.0	515.3
42.5°	710.7	652.2	577.7	520.2	497.4	483.6	449.7	434.1	420.3	414.0	424.3
45°	629.5	558.6	483.6	436.3	417.1	400.6	380.5	364.0	355.1	352.4	360.9
47.5°	545.6	470.7	410.9	375.6	355.6	343.1	324.3	315.0	307.8	308.7	310.1
50°	465.3	397.1	351.1	315.9	306.0	296.2	283.7	275.7	272.1	273.5	272.6
52.5°	396.2	340.8	302.0	274.8	270.4	261.0	250.7	244.0	242.7	243.1	244.5
55°	335.5	292.2	261.4	241.8	236.9	230.2	224.0	219.5	215.9	217.3	216.8
57.5°	289.5	251.6	228.0	211.9	208.3	204.3	198.5	196.3	195.0	192.3	194.5
60°	248.9	218.2	197.6	187.8	184.7	182.0	175.8	173.1	172.2	170.9	174.4
62.5°	210.6	188.7	173.1	164.2	161.1	158.4	155.3	153.0	153.5	151.7	153.5
65°	180.2	162.4	151.2	143.2	139.2	137.4	137.0	133.4	132.9	133.4	133.8
67.5°	152.1	137.0	128.5	123.6	120.5	118.7	117.3	115.1	116.9	115.5	116.4
70°	126.7	116.4	107.5	102.6	101.3	101.7	99.5	98.6	99.0	98.1	99.0
72.5°	102.2	93.7	90.1	86.5	84.8	84.3	83.0	81.6	83.0	82.5	82.5
75°	81.6	75.4	71.4	69.2	69.2	68.3	66.0	66.0	66.0	65.6	66.0
77.5°	62.9	57.6	55.8	53.5	53.5	52.2	51.8	51.8	50.9	52.2	51.3
80°	46.8	42.8	40.2	38.8	38.8	38.4	37.5	37.0	37.5	37.0	37.0
82.5°	30.3	28.6	27.2	25.9	25.4	25.9	25.4	24.5	25.0	24.5	25.4
85°	17.4	15.6	15.6	14.7	15.2	14.3	14.7	13.8	13.4	14.7	13.8
87.5°	7.6	7.1	7.1	6.2	6.2	6.2	5.8	6.2	5.8	5.4	5.8
90°	12.9	13.8	14.6	15.5	15.9	16.2	16.7	17.2	17.7	18.2	17.7
92.5°	34.5	35.7	36.8	38.0	38.6	38.8	39.1	39.4	39.8	40.1	39.8
95°	59.5	60.7	61.8	63.0	63.6	63.8	64.1	64.4	64.8	65.1	64.8
97.5°	88.1	89.1	90.1	91.1	91.6	91.7	91.9	92.0	92.2	92.4	92.2
100°	117.3	118.9	120.4	121.9	122.7	122.9	123.2	123.5	123.9	124.2	123.9
102.5°	147.8	149.5	151.2	152.9	153.7	154.0	154.5	155.0	155.5	156.0	155.5
105°	182.0	183.0	184.0	185.0	185.5	185.8	186.3	186.8	187.3	187.8	187.3
107.5°	217.8	218.3	218.8	219.3	219.6	219.6	219.6	219.6	219.6	219.6	219.6
110°	254.9	255.4	255.9	256.4	256.7	256.6	256.4	256.3	256.1	255.9	256.1

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	292.5	292.6	292.8	292.9	293.0	292.8	292.5	292.2	291.8	291.5	291.8
115°	330.7	330.5	330.4	330.2	330.1	330.0	329.9	329.7	329.6	329.4	329.6
117.5°	368.2	368.3	368.5	368.6	368.7	368.4	367.7	367.0	366.4	365.7	366.4
120°	406.6	406.6	406.6	406.6	406.6	406.3	405.6	404.9	404.3	403.6	404.3
122.5°	444.3	444.1	444.0	443.8	443.7	443.4	442.9	442.4	441.9	441.4	441.9
125°	481.2	480.9	480.5	480.2	480.0	479.9	479.8	479.6	479.5	479.3	479.5
127.5°	517.7	517.6	517.4	517.3	517.2	517.0	516.7	516.3	516.0	515.6	516.0
130°	554.1	553.9	553.8	553.6	553.5	553.3	553.0	552.7	552.3	552.0	552.3
132.5°	588.9	588.7	588.6	588.4	588.3	588.1	587.6	587.1	586.6	586.1	586.6
135°	624.7	624.7	624.7	624.7	624.7	624.4	623.7	623.0	622.3	621.6	622.3
137.5°	659.7	659.9	660.0	660.2	660.3	659.9	659.0	658.2	657.3	656.5	657.3
140°	692.4	692.8	693.1	693.4	693.6	693.2	692.3	691.5	690.6	689.8	690.6
142.5°	724.8	725.0	725.1	725.3	725.4	725.0	724.1	723.3	722.4	721.6	722.4
145°	755.7	755.7	755.7	755.7	755.7	755.4	754.9	754.4	753.9	753.4	753.9
147.5°	784.2	784.7	785.2	785.7	785.9	785.2	783.9	782.6	781.2	779.9	781.2
150°	811.7	811.7	811.7	811.7	811.7	811.5	811.2	810.9	810.5	810.2	810.5
152.5°	836.4	836.9	837.4	837.9	838.2	837.9	837.2	836.5	835.9	835.2	835.9
155°	860.1	860.7	861.4	862.1	862.4	862.0	861.1	860.3	859.4	858.6	859.4
157.5°	881.3	881.9	882.6	883.3	883.6	883.0	881.8	880.7	879.5	878.3	879.5
160°	900.2	900.9	901.6	902.3	902.6	902.2	901.3	900.5	899.6	898.8	899.6
162.5°	917.7	918.6	919.4	920.3	920.7	920.2	919.2	918.2	917.2	916.2	917.2
165°	933.5	934.2	934.9	935.6	935.9	935.4	934.4	933.3	932.3	931.3	932.3
167.5°	945.2	946.2	947.2	948.2	948.7	948.2	947.2	946.2	945.2	944.2	945.2
170°	955.8	956.8	957.8	958.8	959.3	958.7	957.5	956.4	955.2	954.0	955.2
172.5°	963.4	964.4	965.4	966.4	966.9	966.4	965.4	964.4	963.4	962.4	963.4
175°	968.7	969.7	970.7	971.7	972.2	971.6	970.4	969.3	968.1	966.9	968.1
177.5°	971.7	972.7	973.7	974.7	975.2	974.6	973.4	972.3	971.1	969.9	971.1
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	562.6	559.4	560.3	559.4	557.2	555.9	552.3	547.8	546.1	543.8	542.5
5°	607.6	605.4	605.0	601.4	600.5	595.1	586.2	581.8	576.4	571.0	565.7
7.5°	656.7	654.0	645.1	643.8	644.7	638.0	626.4	617.4	606.3	598.7	588.4
10°	697.3	691.9	684.4	684.8	681.7	672.8	661.2	651.8	635.7	625.9	611.2
12.5°	721.8	717.4	716.5	712.0	709.3	697.7	683.9	671.9	659.8	646.4	635.3
15°	751.7	745.9	741.9	735.7	733.9	721.8	706.7	692.8	679.0	666.5	642.9
17.5°	784.7	778.5	763.3	762.0	751.3	739.7	725.0	704.4	689.7	671.9	654.5
20°	822.2	813.3	793.7	788.8	780.3	761.1	741.0	718.3	694.6	676.3	655.8
22.5°	864.2	848.5	834.3	818.6	812.4	788.8	761.1	733.4	704.9	679.9	655.4
25°	918.6	898.1	878.0	862.4	851.7	820.9	783.8	747.3	714.3	681.7	649.6
27.5°	961.4	943.6	921.7	901.2	887.4	850.8	808.4	761.1	720.1	680.3	646.0
30°	964.5	959.2	945.8	934.6	919.5	880.2	833.4	779.8	729.0	680.8	638.9
32.5°	906.1	916.8	922.6	924.4	921.3	898.5	855.7	796.8	737.0	676.8	632.6
35°	780.3	808.8	844.1	857.5	870.4	882.4	860.1	808.8	739.7	675.9	622.8
37.5°	642.4	668.3	726.7	753.5	768.7	816.4	834.7	807.0	745.0	676.8	613.4
40°	518.4	559.4	601.4	637.5	661.2	714.7	771.4	777.6	737.5	668.3	601.4
42.5°	436.3	460.4	492.1	525.5	546.5	609.9	686.6	731.7	713.8	654.5	586.7
45°	371.6	389.5	419.4	430.5	457.3	518.0	599.2	664.3	673.2	632.6	569.7
47.5°	319.0	334.2	353.3	367.2	388.6	434.1	502.8	574.6	617.4	602.7	546.1
50°	281.1	293.6	309.6	317.6	331.5	372.5	424.3	495.7	553.2	558.1	515.3
52.5°	249.4	256.5	269.0	277.9	289.1	314.1	360.9	419.8	484.5	511.3	477.4
55°	221.7	227.5	238.7	244.5	250.3	271.7	308.3	361.8	422.5	457.7	438.5
57.5°	196.7	201.7	211.0	216.4	219.5	240.0	268.1	310.1	364.5	407.3	396.6
60°	176.2	180.7	186.0	190.1	193.6	210.6	230.2	264.1	312.7	354.2	351.6
62.5°	154.4	158.4	164.2	168.2	171.3	182.0	198.5	224.4	265.9	304.3	311.8
65°	135.2	138.3	142.3	144.1	148.1	156.1	169.5	192.7	226.6	261.0	266.3
67.5°	117.8	118.7	121.3	125.4	126.3	133.4	145.4	162.8	189.2	217.3	225.7
70°	99.0	100.4	102.6	105.7	107.5	112.0	122.2	133.8	156.6	181.1	187.4
72.5°	82.5	84.3	85.2	87.0	87.9	95.0	99.5	111.1	126.7	147.2	153.9
75°	66.9	68.7	69.2	70.0	70.9	74.1	80.3	87.4	100.4	113.8	122.7
77.5°	53.1	52.6	53.5	54.9	54.4	57.1	61.1	67.4	75.8	87.0	92.8
80°	37.5	37.5	38.8	40.2	39.7	42.4	43.7	48.2	55.3	62.5	64.7
82.5°	25.0	25.0	26.3	26.3	27.2	27.7	29.4	31.7	37.5	41.0	42.4
85°	14.3	14.3	14.7	14.7	14.7	15.6	17.0	17.8	19.6	21.9	22.8
87.5°	5.8	6.2	6.2	6.2	6.2	7.1	7.1	8.0	8.5	9.4	9.4
90°	17.2	16.7	16.2	15.9	15.5	14.6	13.8	12.9	12.1	10.9	9.7
92.5°	39.4	39.1	38.8	38.6	38.0	36.8	35.7	34.5	33.3	31.8	30.3
95°	64.4	64.1	63.8	63.6	63.0	61.8	60.7	59.5	58.3	56.6	54.9
97.5°	92.0	91.9	91.7	91.6	91.1	90.1	89.1	88.1	87.1	84.7	82.4
100°	123.5	123.2	122.9	122.7	121.9	120.4	118.9	117.3	115.8	113.6	111.4
102.5°	155.0	154.5	154.0	153.7	152.9	151.2	149.5	147.8	146.1	145.3	144.4
105°	186.8	186.3	185.8	185.5	185.0	184.0	183.0	182.0	181.0	180.0	179.0
107.5°	219.6	219.6	219.6	219.6	219.3	218.8	218.3	217.8	217.3	216.5	215.6
110°	256.3	256.4	256.6	256.7	256.4	255.9	255.4	254.9	254.4	253.9	253.4

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	292.2	292.5	292.8	293.0	292.9	292.8	292.6	292.5	292.3	291.6	290.9
115°	329.7	329.9	330.0	330.1	330.2	330.4	330.5	330.7	330.9	330.6	330.2
117.5°	367.0	367.7	368.4	368.7	368.6	368.5	368.3	368.2	368.0	367.7	367.3
120°	404.9	405.6	406.3	406.6	406.6	406.6	406.6	406.6	406.6	406.4	406.2
122.5°	442.4	442.9	443.4	443.7	443.8	444.0	444.1	444.3	444.5	444.0	443.5
125°	479.6	479.8	479.9	480.0	480.2	480.5	480.9	481.2	481.6	481.4	481.2
127.5°	516.3	516.7	517.0	517.2	517.3	517.4	517.6	517.7	517.9	517.7	517.6
130°	552.7	553.0	553.3	553.5	553.6	553.8	553.9	554.1	554.3	553.9	553.6
132.5°	587.1	587.6	588.1	588.3	588.4	588.6	588.7	588.9	589.1	589.3	589.4
135°	623.0	623.7	624.4	624.7	624.7	624.7	624.7	624.7	624.7	624.5	624.3
137.5°	658.2	659.0	659.9	660.3	660.2	660.0	659.9	659.7	659.5	659.2	658.8
140°	691.5	692.3	693.2	693.6	693.4	693.1	692.8	692.4	692.1	691.6	691.1
142.5°	723.3	724.1	725.0	725.4	725.3	725.1	725.0	724.8	724.6	723.9	723.3
145°	754.4	754.9	755.4	755.7	755.7	755.7	755.7	755.7	755.7	755.2	754.7
147.5°	782.6	783.9	785.2	785.9	785.7	785.2	784.7	784.2	783.7	783.4	783.0
150°	810.9	811.2	811.5	811.7	811.7	811.7	811.7	811.7	811.7	811.0	810.4
152.5°	836.5	837.2	837.9	838.2	837.9	837.4	836.9	836.4	835.9	835.7	835.6
155°	860.3	861.1	862.0	862.4	862.1	861.4	860.7	860.1	859.4	859.2	859.0
157.5°	880.7	881.8	883.0	883.6	883.3	882.6	881.9	881.3	880.6	880.4	880.2
160°	900.5	901.3	902.2	902.6	902.3	901.6	900.9	900.2	899.5	899.3	899.2
162.5°	918.2	919.2	920.2	920.7	920.3	919.4	918.6	917.7	916.9	916.9	916.9
165°	933.3	934.4	935.4	935.9	935.6	934.9	934.2	933.5	932.8	932.6	932.5
167.5°	946.2	947.2	948.2	948.7	948.2	947.2	946.2	945.2	944.2	944.2	944.2
170°	956.4	957.5	958.7	959.3	958.8	957.8	956.8	955.8	954.8	954.8	954.8
172.5°	964.4	965.4	966.4	966.9	966.4	965.4	964.4	963.4	962.4	962.4	962.4
175°	969.3	970.4	971.6	972.2	971.7	970.7	969.7	968.7	967.7	967.7	967.7
177.5°	972.3	973.4	974.6	975.2	974.7	973.7	972.7	971.7	970.7	970.9	971.1
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	540.7	538.5	535.8	535.8	532.7	531.3	528.7	527.8	525.5	522.0	519.3
5°	559.9	554.1	550.5	547.4	540.7	535.8	530.9	525.5	520.2	513.9	506.8
7.5°	578.6	567.9	563.0	557.7	547.8	537.6	527.8	520.6	513.5	503.7	494.8
10°	598.3	584.9	576.0	568.8	553.6	540.7	526.4	516.2	505.0	492.5	480.9
12.5°	614.8	597.4	589.8	576.4	559.0	543.4	525.5	509.9	495.2	480.5	466.2
15°	628.6	612.1	593.4	588.0	563.9	541.6	521.5	501.4	483.2	468.4	451.9
17.5°	633.1	612.1	602.7	589.8	561.2	538.0	512.6	490.7	473.3	451.5	438.5
20°	634.4	614.3	601.4	589.3	563.9	533.1	508.1	481.4	460.4	438.5	418.0
22.5°	630.8	607.2	594.7	583.1	554.5	528.2	499.2	469.8	445.2	425.2	404.6
25°	624.1	596.5	584.4	571.9	544.7	515.7	484.1	455.9	433.2	409.1	389.0
27.5°	615.2	583.5	569.7	556.8	530.0	502.8	472.9	443.9	418.5	393.0	374.3
30°	604.1	567.5	555.0	538.0	512.2	486.3	459.1	430.1	401.5	377.4	356.9
32.5°	589.8	551.4	534.9	518.8	490.7	467.1	441.2	414.0	386.3	362.7	341.3
35°	576.8	533.1	514.8	498.8	467.5	442.6	421.1	395.7	371.2	346.6	327.5
37.5°	559.4	514.8	493.0	476.5	444.8	419.4	399.3	379.7	353.8	330.1	312.3
40°	541.2	492.1	471.6	455.1	422.0	394.4	375.2	357.8	336.8	315.0	296.2
42.5°	524.6	470.2	448.4	428.3	394.8	370.3	350.7	337.3	318.1	298.5	281.5
45°	503.7	447.0	423.4	402.4	370.3	343.5	324.8	314.1	299.8	280.6	265.9
47.5°	482.3	422.0	397.5	377.0	342.2	318.5	300.2	290.0	280.2	265.0	250.3
50°	454.2	395.7	373.4	349.8	315.4	291.3	276.2	265.9	258.3	247.6	235.1
52.5°	423.4	368.5	344.4	323.9	290.0	268.1	250.7	244.9	237.3	229.3	218.6
55°	390.8	339.1	315.9	295.8	264.6	242.2	228.0	221.7	215.9	209.7	202.5
57.5°	358.2	308.3	286.4	268.6	239.6	218.2	206.6	198.1	194.1	190.5	184.7
60°	317.6	275.3	258.3	242.2	213.7	194.1	182.9	176.7	173.1	171.3	168.6
62.5°	282.0	247.2	228.4	212.8	190.1	172.7	161.9	157.0	153.9	153.0	149.9
65°	244.0	214.1	199.4	186.0	166.4	150.8	141.9	136.1	133.8	133.4	133.4
67.5°	208.3	184.3	169.5	160.2	143.2	129.4	120.9	118.7	117.3	115.5	115.1
70°	174.9	155.7	142.8	134.7	119.6	109.3	102.6	99.0	99.0	97.7	96.8
72.5°	145.4	126.3	117.8	111.1	98.6	89.7	84.8	83.9	80.7	80.3	80.3
75°	113.8	99.5	93.7	87.9	78.5	72.3	68.3	66.0	64.2	64.2	64.7
77.5°	85.7	75.8	70.5	66.0	59.3	55.3	52.2	51.3	49.5	49.5	49.5
80°	60.7	55.3	51.3	47.7	42.8	39.3	37.5	35.7	35.7	35.2	35.7
82.5°	39.3	34.8	32.6	32.1	27.7	26.3	24.1	24.5	23.2	22.8	23.6
85°	22.8	20.5	17.8	17.0	15.2	13.4	12.5	12.9	12.5	12.0	12.5
87.5°	8.9	7.6	7.1	7.1	5.8	5.4	4.9	5.4	4.5	4.5	4.9
90°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	28.8	27.3	26.5	26.1	25.2	24.4	23.5	22.7	23.5	24.4	25.2
95°	53.2	51.5	50.7	50.5	50.2	49.9	49.5	49.2	49.5	49.9	50.2
97.5°	80.0	77.7	76.5	76.4	76.2	76.1	75.9	75.7	75.9	76.1	76.2
100°	109.3	107.1	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
102.5°	143.6	142.7	142.3	141.9	141.1	140.2	139.4	138.6	139.4	140.2	141.1
105°	177.9	176.9	176.4	176.0	175.1	174.3	173.4	172.6	173.4	174.3	175.1
107.5°	214.8	213.9	213.5	213.1	212.2	211.4	210.5	209.7	210.5	211.4	212.2
110°	252.9	252.4	252.1	251.7	250.9	250.0	249.2	248.4	249.2	250.0	250.9

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	290.2	289.5	289.2	289.0	288.7	288.4	288.0	287.7	288.0	288.4	288.7
115°	329.9	329.6	329.4	329.1	328.4	327.7	327.0	326.3	327.0	327.7	328.4
117.5°	367.0	366.7	366.5	366.4	366.2	366.1	365.9	365.7	365.9	366.1	366.2
120°	406.1	405.9	405.8	405.4	404.6	403.7	402.9	402.1	402.9	403.7	404.6
122.5°	443.0	442.5	442.2	442.1	441.9	441.8	441.6	441.4	441.6	441.8	441.9
125°	481.1	480.9	480.8	480.3	479.3	478.3	477.3	476.3	477.3	478.3	479.3
127.5°	517.4	517.3	517.2	516.9	516.4	515.9	515.4	514.9	515.4	515.9	516.4
130°	553.2	552.9	552.7	552.3	551.5	550.6	549.8	549.0	549.8	550.6	551.5
132.5°	589.6	589.7	589.8	589.0	587.5	586.0	584.5	583.0	584.5	586.0	587.5
135°	624.2	624.0	623.9	623.4	622.4	621.4	620.4	619.4	620.4	621.4	622.4
137.5°	658.5	658.2	658.0	657.5	656.5	655.4	654.4	653.4	654.4	655.4	656.5
140°	690.6	690.1	689.8	689.4	688.5	687.7	686.8	686.0	686.8	687.7	688.5
142.5°	722.6	721.9	721.6	721.3	720.6	719.9	719.3	718.6	719.3	719.9	720.6
145°	754.2	753.7	753.4	753.1	752.4	751.7	751.1	750.4	751.1	751.7	752.4
147.5°	782.7	782.4	782.2	781.9	781.4	780.9	780.4	779.9	780.4	780.9	781.4
150°	809.7	809.0	808.7	808.8	808.9	809.1	809.2	809.4	809.2	809.1	808.9
152.5°	835.4	835.3	835.2	835.0	834.7	834.4	834.0	833.7	834.0	834.4	834.7
155°	858.9	858.7	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
157.5°	880.1	879.9	879.8	880.0	880.3	880.7	881.0	881.4	881.0	880.7	880.3
160°	899.0	898.9	898.8	899.0	899.5	900.0	900.5	901.0	900.5	900.0	899.5
162.5°	916.9	916.9	916.9	917.1	917.4	917.8	918.1	918.5	918.1	917.8	917.4
165°	932.3	932.2	932.1	932.3	932.6	932.9	933.3	933.6	933.3	932.9	932.6
167.5°	944.2	944.2	944.2	944.5	945.2	945.9	946.5	947.2	946.5	945.9	945.2
170°	954.8	954.8	954.8	955.1	955.8	956.5	957.1	957.8	957.1	956.5	955.8
172.5°	962.4	962.4	962.4	962.7	963.4	964.1	964.7	965.4	964.7	964.1	963.4
175°	967.7	967.7	967.7	968.0	968.7	969.4	970.0	970.7	970.0	969.4	968.7
177.5°	971.2	971.4	971.5	971.8	972.5	973.2	973.8	974.5	973.8	973.2	972.5
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	518.4	517.5	515.3	513.9	509.5	504.1	502.3	497.9	499.7	496.5	496.5
5°	504.6	500.6	497.9	493.9	485.4	479.6	473.3	470.2	468.4	466.2	464.4
7.5°	486.7	483.6	480.9	473.3	464.0	455.9	448.4	445.2	439.4	435.4	433.6
10°	471.1	466.7	460.4	451.5	441.7	431.4	424.7	418.0	413.6	411.3	406.4
12.5°	455.1	449.7	443.0	430.1	419.4	413.1	401.1	394.8	392.6	390.8	385.0
15°	438.5	432.7	424.7	412.7	403.3	388.6	381.4	376.5	371.2	370.7	366.3
17.5°	423.8	416.7	410.0	395.3	383.7	370.7	366.7	361.4	356.5	351.1	348.9
20°	405.1	398.4	393.5	377.4	364.5	356.5	349.8	345.3	342.2	336.8	335.9
22.5°	388.1	381.0	374.3	362.3	351.1	340.8	332.8	327.9	326.6	324.3	320.3
25°	371.6	364.5	356.5	345.3	333.7	326.6	319.4	316.3	313.6	310.1	306.9
27.5°	357.8	351.1	343.5	329.7	319.9	314.5	306.9	303.4	299.8	298.0	296.7
30°	341.3	333.7	327.9	317.2	306.5	299.4	294.0	290.9	287.8	286.0	285.1
32.5°	325.2	318.1	314.1	302.5	294.0	285.5	281.5	279.3	277.5	275.7	273.9
35°	312.3	305.2	298.9	288.2	279.7	273.9	270.8	267.2	265.9	264.1	264.1
37.5°	296.2	290.9	284.6	274.4	266.8	262.3	259.6	255.2	254.7	253.8	252.5
40°	282.4	277.0	271.2	262.3	255.6	250.3	246.7	244.5	243.1	242.2	241.4
42.5°	267.7	261.9	259.2	248.9	243.1	237.8	236.0	233.8	233.3	231.5	229.3
45°	253.4	248.5	243.1	235.6	230.6	226.2	223.5	221.7	219.5	219.0	217.7
47.5°	240.9	235.1	230.2	223.1	217.7	214.1	211.9	209.7	207.9	206.6	205.2
50°	224.8	220.4	216.4	208.8	204.3	200.8	197.6	195.9	194.1	194.1	194.1
52.5°	209.2	205.2	201.7	196.3	190.9	187.8	184.3	182.9	182.0	180.7	182.0
55°	194.1	190.1	186.5	182.5	176.2	173.5	170.0	168.6	169.1	169.1	170.4
57.5°	178.0	174.9	172.7	167.7	161.9	159.3	157.0	155.7	155.7	157.5	157.9
60°	162.4	159.3	155.3	150.8	147.2	144.1	142.8	143.2	143.2	144.1	146.3
62.5°	145.0	143.2	141.0	134.7	132.5	130.3	128.5	129.8	129.4	131.6	134.7
65°	128.9	127.1	124.0	120.9	118.2	116.0	115.5	116.0	116.9	119.1	122.7
67.5°	111.1	111.1	108.4	105.7	103.5	101.3	101.7	102.2	103.1	105.7	111.1
70°	96.4	94.6	91.9	90.1	88.3	87.4	86.5	88.3	91.0	92.8	96.8
72.5°	80.3	79.0	76.7	74.9	74.5	73.6	73.2	74.1	76.7	79.9	84.3
75°	63.4	63.8	62.5	61.1	61.1	59.8	60.7	60.7	63.4	66.5	70.0
77.5°	49.1	48.6	48.2	47.3	46.8	46.8	46.8	47.7	50.4	52.2	55.8
80°	34.8	35.2	33.9	34.4	33.9	34.4	34.4	36.1	37.5	39.7	42.4
82.5°	23.2	23.2	22.3	22.8	22.8	22.8	23.2	24.1	25.9	27.7	29.4
85°	12.9	13.4	12.5	13.4	13.4	13.4	13.8	14.3	15.6	16.1	17.8
87.5°	4.9	5.8	5.8	4.9	5.4	5.8	6.2	5.8	6.7	7.6	8.0
90°	6.1	6.8	7.4	8.6	9.7	10.9	12.1	12.9	13.8	14.6	15.5
92.5°	26.1	26.5	27.3	28.8	30.3	31.8	33.3	34.5	35.7	36.8	38.0
95°	50.5	50.7	51.5	53.2	54.9	56.6	58.3	59.5	60.7	61.8	63.0
97.5°	76.4	76.5	77.7	80.0	82.4	84.7	87.1	88.1	89.1	90.1	91.1
100°	106.0	106.0	107.1	109.3	111.4	113.6	115.8	117.3	118.9	120.4	121.9
102.5°	141.9	142.3	142.7	143.6	144.4	145.3	146.1	147.8	149.5	151.2	152.9
105°	176.0	176.4	176.9	177.9	179.0	180.0	181.0	182.0	183.0	184.0	185.0
107.5°	213.1	213.5	213.9	214.8	215.6	216.5	217.3	217.8	218.3	218.8	219.3
110°	251.7	252.1	252.4	252.9	253.4	253.9	254.4	254.9	255.4	255.9	256.4

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	289.0	289.2	289.5	290.2	290.9	291.6	292.3	292.5	292.6	292.8	292.9
115°	329.1	329.4	329.6	329.9	330.2	330.6	330.9	330.7	330.5	330.4	330.2
117.5°	366.4	366.5	366.7	367.0	367.3	367.7	368.0	368.2	368.3	368.5	368.6
120°	405.4	405.8	405.9	406.1	406.2	406.4	406.6	406.6	406.6	406.6	406.6
122.5°	442.1	442.2	442.5	443.0	443.5	444.0	444.5	444.3	444.1	444.0	443.8
125°	480.3	480.8	480.9	481.1	481.2	481.4	481.6	481.2	480.9	480.5	480.2
127.5°	516.9	517.2	517.3	517.4	517.6	517.7	517.9	517.7	517.6	517.4	517.3
130°	552.3	552.7	552.9	553.2	553.6	553.9	554.3	554.1	553.9	553.8	553.6
132.5°	589.0	589.8	589.7	589.6	589.4	589.3	589.1	588.9	588.7	588.6	588.4
135°	623.4	623.9	624.0	624.2	624.3	624.5	624.7	624.7	624.7	624.7	624.7
137.5°	657.5	658.0	658.2	658.5	658.8	659.2	659.5	659.7	659.9	660.0	660.2
140°	689.4	689.8	690.1	690.6	691.1	691.6	692.1	692.4	692.8	693.1	693.4
142.5°	721.3	721.6	721.9	722.6	723.3	723.9	724.6	724.8	725.0	725.1	725.3
145°	753.1	753.4	753.7	754.2	754.7	755.2	755.7	755.7	755.7	755.7	755.7
147.5°	781.9	782.2	782.4	782.7	783.0	783.4	783.7	784.2	784.7	785.2	785.7
150°	808.8	808.7	809.0	809.7	810.4	811.0	811.7	811.7	811.7	811.7	811.7
152.5°	835.0	835.2	835.3	835.4	835.6	835.7	835.9	836.4	836.9	837.4	837.9
155°	858.6	858.6	858.7	858.9	859.0	859.2	859.4	860.1	860.7	861.4	862.1
157.5°	880.0	879.8	879.9	880.1	880.2	880.4	880.6	881.3	881.9	882.6	883.3
160°	899.0	898.8	898.9	899.0	899.2	899.3	899.5	900.2	900.9	901.6	902.3
162.5°	917.1	916.9	916.9	916.9	916.9	916.9	916.9	917.7	918.6	919.4	920.3
165°	932.3	932.1	932.2	932.3	932.5	932.6	932.8	933.5	934.2	934.9	935.6
167.5°	944.5	944.2	944.2	944.2	944.2	944.2	944.2	945.2	946.2	947.2	948.2
170°	955.1	954.8	954.8	954.8	954.8	954.8	954.8	955.8	956.8	957.8	958.8
172.5°	962.7	962.4	962.4	962.4	962.4	962.4	962.4	963.4	964.4	965.4	966.4
175°	968.0	967.7	967.7	967.7	967.7	967.7	967.7	968.7	969.7	970.7	971.7
177.5°	971.8	971.5	971.4	971.2	971.1	970.9	970.7	971.7	972.7	973.7	974.7
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	498.3	495.2	494.8	495.7	493.9	496.5	495.7	496.5	494.3	496.5	495.2
5°	464.0	463.1	461.3	459.1	459.5	460.0	462.2	460.0	461.7	462.2	464.4
7.5°	431.9	430.1	431.4	430.5	426.5	425.6	426.5	427.8	430.5	432.3	433.6
10°	406.0	405.1	403.3	402.0	399.7	398.4	400.2	398.4	402.0	405.1	405.1
12.5°	386.3	382.8	380.5	380.1	375.2	376.1	377.9	379.2	383.2	385.0	385.0
15°	365.8	363.1	362.3	360.5	358.7	360.5	359.6	360.9	362.7	364.5	365.4
17.5°	348.0	347.5	348.0	343.5	344.9	342.6	343.1	345.3	344.0	345.3	348.0
20°	331.9	332.8	331.5	329.7	329.7	327.0	330.1	329.2	329.7	332.4	336.4
22.5°	319.9	319.4	318.1	316.8	315.0	315.4	315.9	315.0	318.5	320.8	321.2
25°	306.9	306.0	305.6	304.3	302.5	304.3	303.8	304.3	305.2	308.7	306.0
27.5°	294.9	293.1	294.0	292.7	292.2	292.7	292.7	293.1	294.0	294.4	294.9
30°	284.6	282.8	282.4	281.5	281.1	281.5	282.4	281.5	285.1	284.6	284.6
32.5°	273.5	272.1	271.2	271.2	270.8	270.4	270.8	271.2	273.9	272.1	273.9
35°	262.8	261.9	261.9	261.0	260.5	260.5	260.5	262.3	261.4	262.8	262.8
37.5°	252.5	252.5	252.1	251.2	250.7	251.2	250.7	251.6	251.2	251.6	252.1
40°	241.8	240.9	240.5	240.5	239.1	237.8	239.1	239.1	239.6	240.9	241.4
42.5°	228.9	229.3	229.3	227.5	227.5	227.5	228.0	228.4	228.4	229.3	229.3
45°	217.7	216.8	216.8	216.8	215.9	216.4	217.3	217.3	217.3	217.3	216.4
47.5°	205.2	205.2	205.7	205.7	207.0	206.6	206.6	206.1	205.2	205.2	205.7
50°	193.6	195.0	195.4	195.4	195.9	196.3	196.3	195.4	195.0	193.6	193.6
52.5°	182.5	183.4	184.3	185.6	186.5	186.0	186.0	185.1	183.4	182.9	182.5
55°	170.4	171.8	173.5	174.9	176.2	176.7	176.7	174.9	173.1	170.9	170.9
57.5°	159.3	160.6	163.7	165.1	166.9	166.9	166.0	164.6	161.9	160.2	158.8
60°	148.1	150.3	152.6	155.3	157.5	157.9	156.6	154.8	151.7	149.5	147.7
62.5°	136.1	138.3	142.8	145.4	147.2	147.2	147.2	145.0	141.0	137.9	135.2
65°	124.5	126.7	130.7	134.3	135.6	137.0	135.6	133.4	130.3	126.7	124.0
67.5°	112.4	115.1	119.1	121.8	123.6	124.9	124.0	122.2	118.2	113.3	111.5
70°	99.0	100.4	106.2	108.9	111.5	112.4	111.5	108.9	104.8	99.5	97.7
72.5°	86.5	87.9	93.2	95.5	97.7	98.6	97.3	95.5	91.9	87.0	84.8
75°	72.3	74.5	77.2	80.7	83.4	84.3	83.0	81.6	77.2	74.1	72.3
77.5°	57.1	59.3	62.9	66.0	68.7	68.3	66.5	66.9	62.0	58.4	57.1
80°	43.3	45.1	47.7	50.4	51.8	51.8	51.3	49.5	47.7	45.1	42.8
82.5°	29.9	32.1	34.4	36.1	36.1	36.6	35.7	35.2	33.5	31.2	30.8
85°	17.8	18.3	20.1	20.1	21.9	21.0	20.5	21.9	20.1	18.7	18.3
87.5°	8.0	7.6	8.0	8.0	7.6	8.5	8.5	8.0	8.5	8.0	8.0
90°	15.9	16.2	16.7	17.2	17.7	18.2	17.7	17.2	16.7	16.2	15.9
92.5°	38.6	38.8	39.1	39.4	39.8	40.1	39.8	39.4	39.1	38.8	38.6
95°	63.6	63.8	64.1	64.4	64.8	65.1	64.8	64.4	64.1	63.8	63.6
97.5°	91.6	91.7	91.9	92.0	92.2	92.4	92.2	92.0	91.9	91.7	91.6
100°	122.7	122.9	123.2	123.5	123.9	124.2	123.9	123.5	123.2	122.9	122.7
102.5°	153.7	154.0	154.5	155.0	155.5	156.0	155.5	155.0	154.5	154.0	153.7
105°	185.5	185.8	186.3	186.8	187.3	187.8	187.3	186.8	186.3	185.8	185.5
107.5°	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6
110°	256.7	256.6	256.4	256.3	256.1	255.9	256.1	256.3	256.4	256.6	256.7

TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	293.0	292.8	292.5	292.2	291.8	291.5	291.8	292.2	292.5	292.8	293.0
115°	330.1	330.0	329.9	329.7	329.6	329.4	329.6	329.7	329.9	330.0	330.1
117.5°	368.7	368.4	367.7	367.0	366.4	365.7	366.4	367.0	367.7	368.4	368.7
120°	406.6	406.3	405.6	404.9	404.3	403.6	404.3	404.9	405.6	406.3	406.6
122.5°	443.7	443.4	442.9	442.4	441.9	441.4	441.9	442.4	442.9	443.4	443.7
125°	480.0	479.9	479.8	479.6	479.5	479.3	479.5	479.6	479.8	479.9	480.0
127.5°	517.2	517.0	516.7	516.3	516.0	515.6	516.0	516.3	516.7	517.0	517.2
130°	553.5	553.3	553.0	552.7	552.3	552.0	552.3	552.7	553.0	553.3	553.5
132.5°	588.3	588.1	587.6	587.1	586.6	586.1	586.6	587.1	587.6	588.1	588.3
135°	624.7	624.4	623.7	623.0	622.3	621.6	622.3	623.0	623.7	624.4	624.7
137.5°	660.3	659.9	659.0	658.2	657.3	656.5	657.3	658.2	659.0	659.9	660.3
140°	693.6	693.2	692.3	691.5	690.6	689.8	690.6	691.5	692.3	693.2	693.6
142.5°	725.4	725.0	724.1	723.3	722.4	721.6	722.4	723.3	724.1	725.0	725.4
145°	755.7	755.4	754.9	754.4	753.9	753.4	753.9	754.4	754.9	755.4	755.7
147.5°	785.9	785.2	783.9	782.6	781.2	779.9	781.2	782.6	783.9	785.2	785.9
150°	811.7	811.5	811.2	810.9	810.5	810.2	810.5	810.9	811.2	811.5	811.7
152.5°	838.2	837.9	837.2	836.5	835.9	835.2	835.9	836.5	837.2	837.9	838.2
155°	862.4	862.0	861.1	860.3	859.4	858.6	859.4	860.3	861.1	862.0	862.4
157.5°	883.6	883.0	881.8	880.7	879.5	878.3	879.5	880.7	881.8	883.0	883.6
160°	902.6	902.2	901.3	900.5	899.6	898.8	899.6	900.5	901.3	902.2	902.6
162.5°	920.7	920.2	919.2	918.2	917.2	916.2	917.2	918.2	919.2	920.2	920.7
165°	935.9	935.4	934.4	933.3	932.3	931.3	932.3	933.3	934.4	935.4	935.9
167.5°	948.7	948.2	947.2	946.2	945.2	944.2	945.2	946.2	947.2	948.2	948.7
170°	959.3	958.7	957.5	956.4	955.2	954.0	955.2	956.4	957.5	958.7	959.3
172.5°	966.9	966.4	965.4	964.4	963.4	962.4	963.4	964.4	965.4	966.4	966.9
175°	972.2	971.6	970.4	969.3	968.1	966.9	968.1	969.3	970.4	971.6	972.2
177.5°	975.2	974.6	973.4	972.3	971.1	969.9	971.1	972.3	973.4	974.6	975.2
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	499.2	496.5	499.7	495.7	496.5	501.4	501.0	505.5	508.1	507.7	509.9
5°	466.2	466.2	467.5	467.1	471.6	475.6	480.9	485.4	490.3	493.0	496.1
7.5°	433.6	438.1	439.0	441.2	446.6	453.3	458.6	465.3	472.5	477.4	480.9
10°	406.9	410.4	414.0	415.8	421.6	430.5	438.1	448.8	457.7	463.1	468.0
12.5°	383.2	387.2	389.0	397.1	401.1	406.9	417.6	429.2	439.0	444.8	448.8
15°	366.3	368.5	372.5	377.4	381.4	388.6	397.5	410.4	419.8	424.7	438.5
17.5°	352.0	354.7	356.9	359.1	365.4	373.0	381.4	392.6	404.6	413.1	420.3
20°	337.3	338.6	341.3	344.9	349.3	356.5	364.0	375.6	386.3	393.0	402.4
22.5°	319.9	323.9	326.6	329.2	334.2	342.2	349.3	357.8	371.2	378.8	388.6
25°	309.6	311.4	313.2	316.3	319.9	327.0	335.0	344.0	354.7	362.7	371.2
27.5°	296.2	298.9	301.1	305.2	307.4	313.2	320.8	329.7	342.6	349.3	356.5
30°	285.1	287.8	289.5	291.3	294.4	300.7	307.8	315.0	327.0	335.5	342.6
32.5°	273.9	276.6	278.8	280.2	283.3	287.3	293.1	302.0	312.3	318.1	327.5
35°	264.1	264.1	266.8	268.6	271.2	274.8	280.2	286.9	297.6	305.2	313.6
37.5°	253.0	253.4	255.6	257.0	259.6	263.2	268.6	274.8	283.7	289.5	298.0
40°	241.4	242.7	243.6	245.8	248.9	250.3	255.6	262.8	271.7	277.0	284.2
42.5°	229.8	230.6	232.9	234.7	237.3	239.6	243.1	249.8	256.5	264.6	270.4
45°	216.8	219.0	220.4	223.5	224.8	227.1	230.6	236.0	244.0	248.9	255.6
47.5°	205.7	206.6	207.5	211.5	214.1	215.5	219.0	222.2	230.6	235.1	241.4
50°	193.6	193.6	195.0	196.7	199.9	202.5	205.7	209.2	215.9	220.4	226.6
52.5°	182.5	181.1	182.0	182.9	186.0	188.7	191.8	196.7	203.0	205.7	211.0
55°	170.4	168.2	169.5	170.9	171.8	175.3	178.9	182.0	186.9	190.9	195.9
57.5°	157.5	157.0	156.1	156.6	158.8	161.1	163.7	167.7	173.5	176.7	179.3
60°	145.9	143.2	142.3	143.2	144.5	145.9	149.5	153.0	157.9	161.1	164.2
62.5°	133.8	131.2	129.4	128.0	129.4	132.5	134.7	137.4	141.4	145.0	147.7
65°	122.2	118.2	116.4	115.5	115.1	117.3	119.1	122.7	126.3	127.6	130.7
67.5°	109.3	105.7	103.5	102.2	102.2	102.2	103.9	107.5	111.1	111.5	114.7
70°	96.4	92.3	90.1	88.3	87.4	88.3	90.6	91.0	94.1	95.0	96.8
72.5°	82.5	79.0	76.3	74.1	74.5	75.4	75.4	76.3	78.1	80.3	80.3
75°	69.6	64.7	63.4	61.6	60.7	60.7	60.7	62.5	63.8	65.6	65.1
77.5°	54.9	52.2	49.5	48.6	47.3	46.8	47.7	47.7	48.6	50.0	50.4
80°	42.4	39.3	37.5	36.6	34.8	34.4	34.8	34.8	36.1	35.7	36.1
82.5°	29.4	27.2	25.9	24.5	23.6	24.1	23.6	23.6	24.1	23.6	23.6
85°	17.0	16.5	15.6	15.2	14.7	13.8	14.7	14.3	13.8	13.4	14.3
87.5°	8.0	7.6	7.6	6.7	6.7	6.2	6.7	6.7	6.2	6.2	6.2
90°	15.5	14.6	13.8	12.9	12.1	10.9	9.7	8.6	7.4	6.8	6.1
92.5°	38.0	36.8	35.7	34.5	33.3	31.8	30.3	28.8	27.3	26.5	26.1
95°	63.0	61.8	60.7	59.5	58.3	56.6	54.9	53.2	51.5	50.7	50.5
97.5°	91.1	90.1	89.1	88.1	87.1	84.7	82.4	80.0	77.7	76.5	76.4
100°	121.9	120.4	118.9	117.3	115.8	113.6	111.4	109.3	107.1	106.0	106.0
102.5°	152.9	151.2	149.5	147.8	146.1	145.3	144.4	143.6	142.7	142.3	141.9
105°	185.0	184.0	183.0	182.0	181.0	180.0	179.0	177.9	176.9	176.4	176.0
107.5°	219.3	218.8	218.3	217.8	217.3	216.5	215.6	214.8	213.9	213.5	213.1
110°	256.4	255.9	255.4	254.9	254.4	253.9	253.4	252.9	252.4	252.1	251.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	292.9	292.8	292.6	292.5	292.3	291.6	290.9	290.2	289.5	289.2	289.0
115°	330.2	330.4	330.5	330.7	330.9	330.6	330.2	329.9	329.6	329.4	329.1
117.5°	368.6	368.5	368.3	368.2	368.0	367.7	367.3	367.0	366.7	366.5	366.4
120°	406.6	406.6	406.6	406.6	406.6	406.4	406.2	406.1	405.9	405.8	405.4
122.5°	443.8	444.0	444.1	444.3	444.5	444.0	443.5	443.0	442.5	442.2	442.1
125°	480.2	480.5	480.9	481.2	481.6	481.4	481.2	481.1	480.9	480.8	480.3
127.5°	517.3	517.4	517.6	517.7	517.9	517.7	517.6	517.4	517.3	517.2	516.9
130°	553.6	553.8	553.9	554.1	554.3	553.9	553.6	553.2	552.9	552.7	552.3
132.5°	588.4	588.6	588.7	588.9	589.1	589.3	589.4	589.6	589.7	589.8	589.0
135°	624.7	624.7	624.7	624.7	624.7	624.5	624.3	624.2	624.0	623.9	623.4
137.5°	660.2	660.0	659.9	659.7	659.5	659.2	658.8	658.5	658.2	658.0	657.5
140°	693.4	693.1	692.8	692.4	692.1	691.6	691.1	690.6	690.1	689.8	689.4
142.5°	725.3	725.1	725.0	724.8	724.6	723.9	723.3	722.6	721.9	721.6	721.3
145°	755.7	755.7	755.7	755.7	755.7	755.2	754.7	754.2	753.7	753.4	753.1
147.5°	785.7	785.2	784.7	784.2	783.7	783.4	783.0	782.7	782.4	782.2	781.9
150°	811.7	811.7	811.7	811.7	811.7	811.0	810.4	809.7	809.0	808.7	808.8
152.5°	837.9	837.4	836.9	836.4	835.9	835.7	835.6	835.4	835.3	835.2	835.0
155°	862.1	861.4	860.7	860.1	859.4	859.2	859.0	858.9	858.7	858.6	858.6
157.5°	883.3	882.6	881.9	881.3	880.6	880.4	880.2	880.1	879.9	879.8	880.0
160°	902.3	901.6	900.9	900.2	899.5	899.3	899.2	899.0	898.9	898.8	899.0
162.5°	920.3	919.4	918.6	917.7	916.9	916.9	916.9	916.9	916.9	916.9	917.1
165°	935.6	934.9	934.2	933.5	932.8	932.6	932.5	932.3	932.2	932.1	932.3
167.5°	948.2	947.2	946.2	945.2	944.2	944.2	944.2	944.2	944.2	944.2	944.5
170°	958.8	957.8	956.8	955.8	954.8	954.8	954.8	954.8	954.8	954.8	955.1
172.5°	966.4	965.4	964.4	963.4	962.4	962.4	962.4	962.4	962.4	962.4	962.7
175°	971.7	970.7	969.7	968.7	967.7	967.7	967.7	967.7	967.7	967.7	968.0
177.5°	974.7	973.7	972.7	971.7	970.7	970.9	971.1	971.2	971.4	971.5	971.8
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027929

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	525.5	525.5	525.5	525.5
2.5°	513.0	517.5	520.6	526.4
5°	501.4	509.5	517.1	525.1
7.5°	489.9	499.2	511.3	521.5
10°	476.9	489.0	503.2	517.1
12.5°	464.0	478.3	493.9	512.2
15°	448.4	466.7	484.9	504.6
17.5°	434.5	453.3	472.9	497.4
20°	418.9	439.4	460.9	485.8
22.5°	405.1	427.8	450.1	476.5
25°	389.5	411.8	436.3	464.4
27.5°	376.5	397.1	421.1	451.5
30°	360.9	383.2	407.3	437.7
32.5°	346.2	367.6	393.0	422.9
35°	331.0	352.9	375.6	404.2
37.5°	316.8	335.5	358.2	385.5
40°	300.7	321.2	341.7	363.1
42.5°	286.0	304.7	323.9	340.8
45°	269.5	285.5	303.8	317.6
47.5°	254.3	268.6	282.8	293.6
50°	239.1	250.3	261.0	270.4
52.5°	221.3	233.8	239.6	245.4
55°	205.2	212.4	217.7	223.5
57.5°	189.6	192.7	195.4	200.8
60°	169.1	172.7	175.8	179.8
62.5°	151.2	153.0	153.9	157.9
65°	134.3	133.8	136.1	138.3
67.5°	116.0	115.5	117.8	118.7
70°	98.1	97.7	98.1	100.4
72.5°	81.2	81.2	81.6	82.5
75°	65.6	65.6	66.0	66.9
77.5°	49.5	50.4	50.0	51.8
80°	36.1	35.2	36.1	37.0
82.5°	23.6	24.5	24.5	23.6
85°	13.4	13.4	13.4	13.4
87.5°	5.8	5.8	6.2	6.7
90°	4.8	3.5	2.1	0.8
92.5°	25.2	24.4	23.5	22.7
95°	50.2	49.9	49.5	49.2
97.5°	76.2	76.1	75.9	75.7
100°	106.0	106.0	106.0	106.0
102.5°	141.1	140.2	139.4	138.6
105°	175.1	174.3	173.4	172.6
107.5°	212.2	211.4	210.5	209.7
110°	250.9	250.0	249.2	248.4



TEST NUMBER: P1027929

CATALOG NUMBER: S125DIP-B375D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	288.7	288.4	288.0	287.7
115°	328.4	327.7	327.0	326.3
117.5°	366.2	366.1	365.9	365.7
120°	404.6	403.7	402.9	402.1
122.5°	441.9	441.8	441.6	441.4
125°	479.3	478.3	477.3	476.3
127.5°	516.4	515.9	515.4	514.9
130°	551.5	550.6	549.8	549.0
132.5°	587.5	586.0	584.5	583.0
135°	622.4	621.4	620.4	619.4
137.5°	656.5	655.4	654.4	653.4
140°	688.5	687.7	686.8	686.0
142.5°	720.6	719.9	719.3	718.6
145°	752.4	751.7	751.1	750.4
147.5°	781.4	780.9	780.4	779.9
150°	808.9	809.1	809.2	809.4
152.5°	834.7	834.4	834.0	833.7
155°	858.6	858.6	858.6	858.6
157.5°	880.3	880.7	881.0	881.4
160°	899.5	900.0	900.5	901.0
162.5°	917.4	917.8	918.1	918.5
165°	932.6	932.9	933.3	933.6
167.5°	945.2	945.9	946.5	947.2
170°	955.8	956.5	957.1	957.8
172.5°	963.4	964.1	964.7	965.4
175°	968.7	969.4	970.0	970.7
177.5°	972.5	973.2	973.8	974.5
180°	973.0	973.0	973.0	973.0

(END OF REPORT)