

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: P1027964

Luminaire Tested: S125DIP-B375D850UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027964
REPORT IS A COMBINATION OF REPORTS P1002111 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D850UB50-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

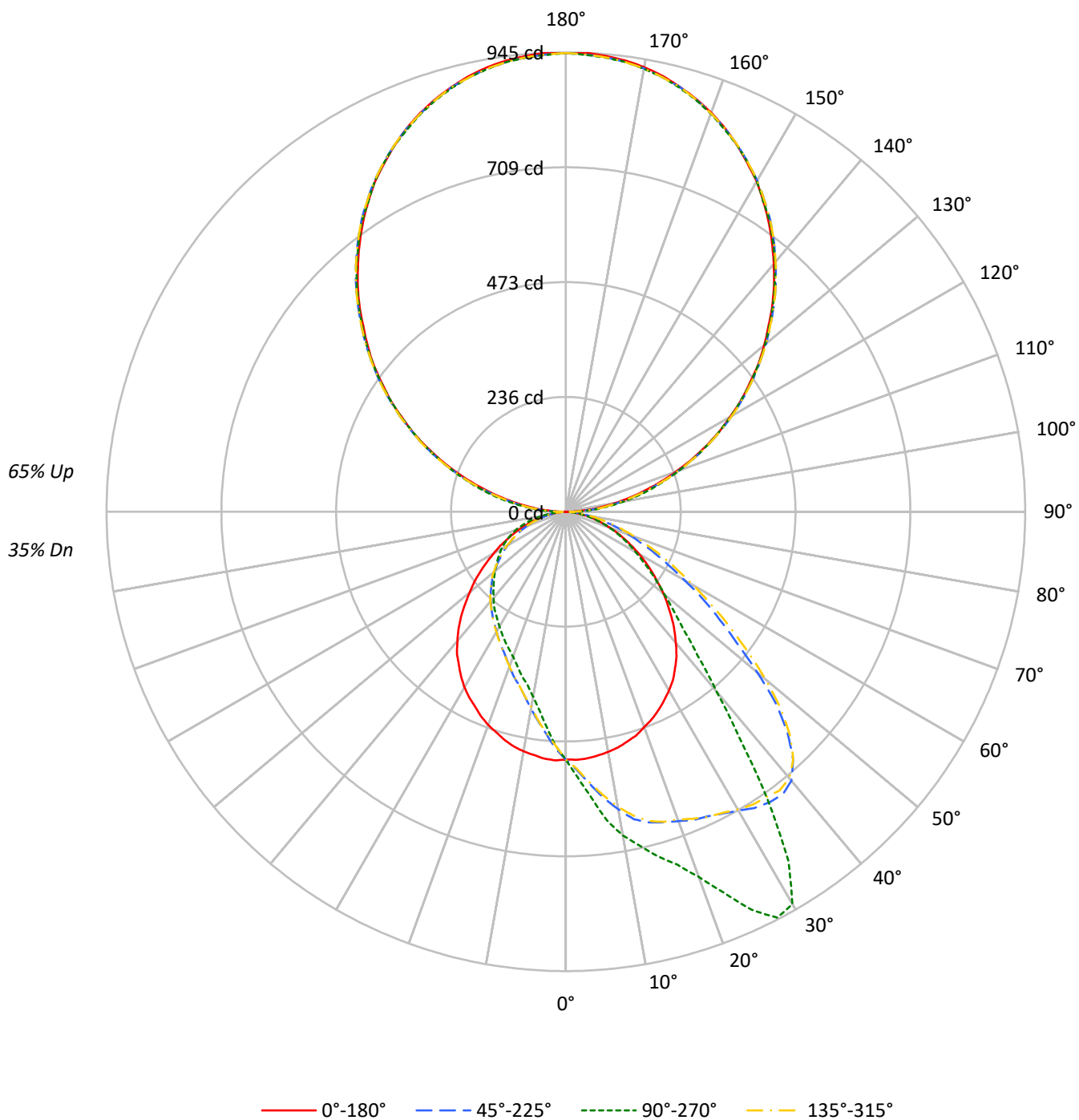
Lumens per Lamp: N/A
Luminaire Lumens: 4073.0 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
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°	3265	3265	3265	3265
5°	3268	3704	3270	2810
10°	3248	4221	3242	2412
15°	3224	4577	3204	2179
20°	3183	5016	3154	1990
25°	3147	5748	3089	1877
30°	3095	6063	3041	1776
35°	3013	4860	2950	1693
40°	2884	3359	2842	1608
45°	2723	2501	2692	1535
50°	2538	2059	2495	1478
55°	2337	1756	2319	1428
60°	2141	1503	2104	1389
65°	1930	1298	1898	1333
70°	1706	1078	1683	1234
75°	1470	834	1449	1072
80°	1160	564	1118	788
85°	743	282	715	401

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4987 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	1.2
10°-20°	146.1	3.6
20°-30°	237.3	5.8
30°-40°	290.0	7.1
40°-50°	263.1	6.5
50°-60°	209.5	5.1
60°-70°	145.9	3.6
70°-80°	77.7	1.9
80°-90°	20.7	0.5
90°-100°	62.7	1.5
100°-110°	186.4	4.6
110°-120°	316.1	7.8
120°-130°	416.2	10.2
130°-140°	466.4	11.5
140°-150°	457.1	11.2
150°-160°	384.0	9.4
160°-170°	255.2	6.3
170°-180°	89.3	2.2
0°-30°	432.4	10.6
0°-40°	722.4	17.7
0°-60°	1195.0	29.3
0°-90°	1439.5	35.3
90°-120°	565.3	13.9
90°-150°	1905.0	46.8
90°-180°	2634.0	64.7
0°-180°	4073.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	510	510	510	510	510	
5°	509	588	510	446	509	48
15°	489	734	486	350	489	138
25°	450	903	442	295	450	207
35°	392	725	384	253	392	245
45°	308	342	304	210	308	237
55°	217	211	215	171	217	194
65°	134	129	132	133	134	133
75°	65	64	64	82	65	69
85°	13	14	12	20	13	16
90°	1	18	1	18	1	4
95°	48	63	48	63	48	50
105°	167	182	167	182	167	179
115°	316	319	316	319	316	313
125°	462	465	462	465	462	414
135°	601	603	601	603	601	463
145°	728	731	728	731	728	455
155°	833	833	833	833	833	384
165°	905	903	905	903	905	255
175°	941	938	941	938	941	89
180°	944	944	944	944	944	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	510.5	513.5	516.9	519.5	523.9	525.2	527.3	528.6	529.9	531.2	532.1
5°	509.2	516.5	523.0	527.8	536.0	539.0	542.9	547.7	553.3	558.0	561.1
7.5°	505.7	517.4	526.0	535.5	546.8	554.2	558.0	568.0	577.1	584.0	593.1
10°	501.4	515.2	528.6	542.9	558.9	567.1	574.9	588.8	601.3	612.6	621.6
12.5°	496.6	513.5	529.5	548.1	569.7	579.7	584.9	608.7	624.2	630.3	648.0
15°	489.3	509.2	532.1	555.0	573.2	584.9	599.1	618.2	633.7	647.2	661.4
17.5°	482.3	504.0	527.3	552.9	579.2	594.4	605.2	622.1	638.9	656.2	669.7
20°	471.1	499.2	523.0	550.3	581.4	592.2	603.5	623.4	641.5	660.1	677.0
22.5°	462.0	488.8	521.3	547.2	573.6	584.4	598.3	619.0	640.7	661.9	686.5
25°	450.3	480.2	508.3	536.0	563.2	574.9	587.5	614.3	636.8	664.0	691.3
27.5°	437.8	468.5	496.6	521.7	547.2	563.2	576.6	604.8	634.6	664.5	699.9
30°	424.4	453.4	480.2	504.8	533.0	549.4	562.8	595.7	629.0	667.1	709.5
32.5°	410.1	437.4	460.3	485.4	515.2	530.4	548.5	584.4	623.8	669.2	722.4
35°	391.9	417.9	438.2	463.7	493.6	513.1	532.1	572.3	618.2	668.8	729.8
37.5°	373.8	394.1	413.6	440.8	475.4	493.2	513.1	557.2	609.5	667.5	732.8
40°	352.1	372.0	388.9	416.6	452.9	473.3	494.0	540.3	599.6	662.7	722.0
42.5°	330.5	347.4	366.0	395.0	430.0	451.6	473.7	525.2	586.6	648.9	692.1
45°	308.0	321.0	341.3	367.7	404.9	425.7	450.8	506.6	568.4	623.8	645.4
47.5°	284.6	297.6	316.7	342.2	379.0	403.6	427.4	483.2	545.5	588.3	588.3
50°	262.2	272.5	291.1	316.7	353.9	376.4	400.6	459.8	510.0	541.6	513.5
52.5°	237.9	249.6	265.2	292.0	328.8	349.1	375.5	426.1	473.7	486.7	443.4
55°	216.7	226.2	241.0	266.5	300.7	321.8	344.3	392.8	433.0	432.2	385.9
57.5°	194.7	202.5	218.0	241.4	273.0	292.0	314.5	356.5	389.3	377.7	334.0
60°	174.3	180.0	195.1	214.1	244.4	262.2	283.8	318.0	343.0	326.6	282.5
62.5°	153.1	159.6	171.7	190.3	217.2	231.4	247.4	282.1	298.1	283.3	238.4
65°	134.1	139.3	150.1	165.7	189.9	202.9	216.7	245.3	260.4	239.2	202.0
67.5°	115.1	121.1	128.9	142.8	161.8	173.9	186.0	210.7	217.6	198.6	167.4
70°	97.3	102.5	109.9	119.8	135.8	146.6	155.7	176.1	180.8	163.1	138.4
72.5°	80.0	83.5	89.5	97.8	112.5	118.5	128.0	141.9	147.9	131.9	114.2
75°	64.9	67.5	71.4	77.4	87.4	93.9	101.7	114.6	114.2	103.0	90.4
77.5°	50.2	50.6	54.9	60.6	66.6	72.2	76.1	85.2	86.1	79.2	68.8
80°	35.9	37.2	38.9	43.3	48.5	50.6	55.4	61.0	61.9	56.7	49.7
82.5°	22.9	23.8	25.1	27.7	31.1	33.7	36.3	38.5	40.7	37.6	32.0
85°	13.0	13.4	14.7	15.6	17.3	18.6	20.8	22.9	22.5	20.3	18.6
87.5°	6.5	6.5	6.5	7.4	8.2	8.2	9.1	9.5	9.9	9.1	8.2
90°	0.7	2.0	3.3	4.6	5.9	6.6	7.2	8.3	9.4	10.6	11.7
92.5°	22.0	22.8	23.6	24.5	25.3	25.7	26.4	27.9	29.4	30.8	32.3
95°	47.7	48.0	48.4	48.7	49.0	49.2	50.0	51.6	53.3	54.9	56.5
97.5°	73.4	73.6	73.8	73.9	74.1	74.2	75.3	77.6	79.9	82.1	84.4
100°	102.8	102.8	102.8	102.8	102.8	102.8	103.9	106.0	108.1	110.3	112.4
102.5°	134.4	135.2	136.0	136.9	137.7	138.1	138.5	139.3	140.1	140.9	141.7
105°	167.4	168.2	169.0	169.9	170.7	171.1	171.6	172.6	173.5	174.5	175.5
107.5°	203.4	204.2	205.0	205.9	206.7	207.1	207.5	208.3	209.2	210.0	210.8
110°	240.9	241.7	242.5	243.3	244.1	244.5	244.7	245.2	245.7	246.2	246.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	279.0	279.3	279.7	280.0	280.3	280.5	280.8	281.5	282.1	282.8	283.4
115°	316.5	317.1	317.8	318.4	319.1	319.4	319.6	319.9	320.2	320.6	320.9
117.5°	354.7	354.9	355.0	355.2	355.3	355.4	355.6	355.9	356.2	356.6	356.9
120°	389.9	390.7	391.5	392.4	393.2	393.6	393.7	393.8	394.0	394.1	394.3
122.5°	428.1	428.3	428.4	428.6	428.7	428.8	429.0	429.5	430.0	430.5	431.0
125°	461.9	462.9	463.9	464.8	465.8	466.3	466.4	466.5	466.7	466.8	467.0
127.5°	499.3	499.8	500.3	500.8	501.3	501.5	501.6	501.8	501.9	502.1	502.3
130°	532.4	533.2	534.0	534.9	535.7	536.1	536.3	536.6	536.9	537.2	537.5
132.5°	565.4	566.9	568.3	569.8	571.3	572.0	571.9	571.8	571.6	571.5	571.3
135°	600.7	601.7	602.7	603.6	604.6	605.1	605.2	605.3	605.5	605.6	605.8
137.5°	633.7	634.7	635.7	636.6	637.6	638.1	638.3	638.6	638.9	639.3	639.6
140°	665.3	666.1	666.9	667.8	668.6	669.0	669.2	669.7	670.2	670.7	671.2
142.5°	696.9	697.5	698.2	698.8	699.5	699.8	700.1	700.8	701.4	702.1	702.7
145°	727.7	728.4	729.0	729.7	730.4	730.7	730.9	731.4	731.9	732.4	732.9
147.5°	756.4	756.9	757.4	757.9	758.4	758.6	758.8	759.1	759.4	759.7	760.0
150°	785.0	784.8	784.7	784.5	784.4	784.3	784.6	785.3	785.9	786.6	787.2
152.5°	808.5	808.8	809.2	809.5	809.8	810.0	810.1	810.2	810.4	810.5	810.7
155°	832.7	832.7	832.7	832.7	832.7	832.7	832.8	833.0	833.1	833.3	833.5
157.5°	854.8	854.5	854.1	853.8	853.5	853.3	853.4	853.5	853.7	853.8	854.0
160°	873.8	873.3	872.8	872.3	871.8	871.6	871.7	871.9	872.0	872.2	872.4
162.5°	890.7	890.4	890.1	889.8	889.5	889.3	889.3	889.3	889.3	889.3	889.3
165°	905.4	905.1	904.8	904.5	904.2	904.0	904.1	904.2	904.4	904.5	904.7
167.5°	918.6	918.0	917.3	916.7	916.0	915.7	915.7	915.7	915.7	915.7	915.7
170°	928.9	928.3	927.6	927.0	926.3	926.0	926.0	926.0	926.0	926.0	926.0
172.5°	936.3	935.6	935.0	934.3	933.6	933.3	933.3	933.3	933.3	933.3	933.3
175°	941.4	940.8	940.1	939.5	938.8	938.5	938.5	938.5	938.5	938.5	938.5
177.5°	945.1	944.4	943.8	943.1	942.4	942.1	942.0	941.9	941.7	941.6	941.4
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	533.0	536.0	538.6	540.7	542.5	545.1	543.3	543.8	544.6	546.4	546.4
5°	567.6	572.3	574.9	583.6	585.7	585.3	584.0	590.9	590.5	587.9	587.5
7.5°	601.3	609.5	616.9	623.8	626.0	631.6	632.9	635.9	635.0	639.4	637.2
10°	632.0	645.0	651.9	662.3	664.9	667.5	671.0	672.7	676.6	676.1	676.1
12.5°	655.8	671.4	680.5	683.1	693.0	696.0	699.1	704.7	703.4	703.8	706.4
15°	674.4	689.6	697.3	709.5	716.4	719.8	725.0	731.1	730.2	734.1	733.2
17.5°	688.3	702.5	716.8	735.0	735.4	744.5	756.6	759.2	764.8	760.9	760.9
20°	699.5	718.5	738.9	762.2	764.8	770.4	785.2	795.1	801.6	799.4	800.7
22.5°	711.6	738.9	762.7	786.0	798.6	808.5	822.8	838.4	844.0	847.4	846.6
25°	727.2	755.7	790.8	823.2	836.2	855.2	874.3	889.4	893.7	903.3	894.6
27.5°	743.2	783.4	827.1	865.2	881.6	897.2	920.1	931.4	937.0	941.3	938.3
30°	756.6	812.0	859.6	894.6	906.3	915.4	928.3	930.9	928.8	932.2	936.6
32.5°	777.4	831.4	871.7	888.5	887.2	886.8	876.9	863.0	860.0	851.8	863.0
35°	788.6	831.9	847.4	825.0	815.9	799.4	767.9	747.1	728.9	725.0	725.9
37.5°	782.1	799.0	780.4	721.1	706.4	681.3	639.4	610.0	596.5	586.2	599.6
40°	747.1	728.5	677.4	605.2	584.0	560.2	520.8	504.8	485.8	481.9	499.6
42.5°	689.1	632.5	560.2	504.4	482.3	468.9	436.1	420.9	407.5	401.4	411.4
45°	610.4	541.6	468.9	423.1	404.5	388.5	369.0	353.0	344.3	341.7	350.0
47.5°	529.1	456.4	398.4	364.2	344.8	332.7	314.5	305.4	298.5	299.4	300.7
50°	451.2	385.0	340.5	306.3	296.8	287.2	275.1	267.3	263.9	265.2	264.3
52.5°	384.1	330.5	292.9	266.5	262.2	253.1	243.1	236.6	235.3	235.8	237.1
55°	325.3	283.3	253.5	234.5	229.7	223.2	217.2	212.8	209.4	210.7	210.2
57.5°	280.8	244.0	221.1	205.5	202.0	198.1	192.5	190.3	189.0	186.4	188.6
60°	241.4	211.5	191.6	182.1	179.1	176.5	170.4	167.8	167.0	165.7	169.1
62.5°	204.2	183.0	167.8	159.2	156.2	153.6	150.5	148.4	148.8	147.1	148.8
65°	174.8	157.5	146.6	138.9	135.0	133.2	132.8	129.3	128.9	129.3	129.8
67.5°	147.5	132.8	124.6	119.8	116.8	115.1	113.8	111.6	113.3	112.0	112.9
70°	122.9	112.9	104.3	99.5	98.2	98.6	96.5	95.6	96.0	95.2	96.0
72.5°	99.1	90.8	87.4	83.9	82.2	81.8	80.5	79.2	80.5	80.0	80.0
75°	79.2	73.1	69.2	67.1	67.1	66.2	64.0	64.0	64.0	63.6	64.0
77.5°	61.0	55.8	54.1	51.9	51.9	50.6	50.2	50.2	49.3	50.6	49.7
80°	45.4	41.5	38.9	37.6	37.6	37.2	36.3	35.9	36.3	35.9	35.9
82.5°	29.4	27.7	26.4	25.1	24.7	25.1	24.7	23.8	24.2	23.8	24.7
85°	16.9	15.1	15.1	14.3	14.7	13.8	14.3	13.4	13.0	14.3	13.4
87.5°	7.4	6.9	6.9	6.1	6.1	6.1	5.6	6.1	5.6	5.2	5.6
90°	12.5	13.3	14.2	15.0	15.4	15.6	16.1	16.6	17.1	17.6	17.1
92.5°	33.5	34.6	35.8	36.9	37.5	37.7	38.0	38.3	38.6	38.9	38.6
95°	57.7	58.8	60.0	61.1	61.7	61.9	62.2	62.5	62.9	63.2	62.9
97.5°	85.4	86.4	87.4	88.4	88.9	89.0	89.1	89.3	89.4	89.6	89.4
100°	113.9	115.3	116.8	118.3	119.0	119.2	119.5	119.8	120.1	120.4	120.1
102.5°	143.3	145.0	146.6	148.3	149.1	149.3	149.8	150.3	150.8	151.3	150.8
105°	176.5	177.5	178.4	179.4	179.9	180.1	180.6	181.1	181.6	182.1	181.6
107.5°	211.3	211.8	212.3	212.8	213.0	213.0	213.0	213.0	213.0	213.0	213.0
110°	247.2	247.7	248.2	248.7	248.9	248.8	248.7	248.5	248.4	248.2	248.4

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	283.6	283.8	283.9	284.1	284.2	284.0	283.7	283.4	283.0	282.7	283.0
115°	320.7	320.6	320.4	320.3	320.2	320.1	319.9	319.8	319.6	319.4	319.6
117.5°	357.1	357.2	357.4	357.5	357.6	357.3	356.6	356.0	355.3	354.7	355.3
120°	394.3	394.3	394.3	394.3	394.3	394.0	393.3	392.7	392.0	391.4	392.0
122.5°	430.8	430.7	430.5	430.4	430.3	430.1	429.6	429.1	428.6	428.1	428.6
125°	466.7	466.4	466.1	465.8	465.6	465.5	465.3	465.2	465.0	464.8	465.0
127.5°	502.1	501.9	501.8	501.6	501.5	501.3	501.0	500.7	500.4	500.1	500.4
130°	537.3	537.2	537.0	536.9	536.8	536.6	536.3	536.0	535.6	535.3	535.6
132.5°	571.1	571.0	570.8	570.7	570.6	570.4	569.9	569.4	568.9	568.4	568.9
135°	605.8	605.8	605.8	605.8	605.8	605.5	604.8	604.2	603.5	602.9	603.5
137.5°	639.8	639.9	640.1	640.2	640.3	639.9	639.1	638.3	637.5	636.7	637.5
140°	671.5	671.8	672.1	672.4	672.6	672.2	671.4	670.6	669.8	669.0	669.8
142.5°	702.9	703.1	703.2	703.4	703.5	703.1	702.3	701.4	700.6	699.8	700.6
145°	732.9	732.9	732.9	732.9	732.9	732.7	732.2	731.7	731.2	730.7	731.2
147.5°	760.5	761.0	761.5	762.0	762.2	761.6	760.3	759.0	757.7	756.4	757.7
150°	787.2	787.2	787.2	787.2	787.2	787.0	786.7	786.4	786.0	785.7	786.0
152.5°	811.2	811.7	812.2	812.7	812.9	812.6	811.9	811.3	810.6	810.0	810.6
155°	834.1	834.8	835.4	836.1	836.4	836.0	835.2	834.3	833.5	832.7	833.5
157.5°	854.7	855.3	856.0	856.7	857.0	856.4	855.3	854.1	853.0	851.8	853.0
160°	873.0	873.7	874.3	875.0	875.3	874.9	874.1	873.2	872.4	871.6	872.4
162.5°	890.1	890.9	891.7	892.5	892.9	892.4	891.4	890.5	889.5	888.5	889.5
165°	905.3	906.0	906.6	907.3	907.6	907.1	906.1	905.2	904.2	903.2	904.2
167.5°	916.7	917.7	918.6	919.6	920.1	919.6	918.6	917.7	916.7	915.7	916.7
170°	927.0	928.0	928.9	929.9	930.4	929.8	928.7	927.5	926.4	925.2	926.4
172.5°	934.3	935.3	936.2	937.2	937.7	937.2	936.2	935.3	934.3	933.3	934.3
175°	939.5	940.5	941.4	942.4	942.9	942.3	941.2	940.0	938.9	937.7	938.9
177.5°	942.4	943.4	944.3	945.3	945.8	945.2	944.1	943.0	941.8	940.7	941.8
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	545.5	542.5	543.3	542.5	540.3	539.0	535.5	531.2	529.5	527.3	526.0
5°	589.2	587.0	586.6	583.1	582.3	577.1	568.4	564.1	558.9	553.7	548.5
7.5°	636.8	634.2	625.5	624.2	625.1	618.6	607.4	598.7	587.9	580.5	570.6
10°	676.1	671.0	663.6	664.0	661.0	652.3	641.1	632.0	616.4	606.9	592.7
12.5°	699.9	695.6	694.7	690.4	687.8	676.6	663.2	651.5	639.8	626.8	616.0
15°	728.9	723.3	719.4	713.3	711.6	699.9	685.2	671.8	658.4	646.3	623.4
17.5°	760.9	754.9	740.2	738.9	728.5	717.2	703.0	683.1	668.8	651.5	634.6
20°	797.3	788.6	769.6	764.8	756.6	738.0	718.5	696.5	673.5	655.8	635.9
22.5°	837.9	822.8	808.9	793.8	787.8	764.8	738.0	711.2	683.5	659.3	635.5
25°	890.7	870.8	851.3	836.2	825.8	796.0	760.1	724.6	692.6	661.0	629.9
27.5°	932.2	914.9	893.7	873.8	860.4	825.0	783.9	738.0	698.2	659.7	626.4
30°	935.3	930.1	917.1	906.3	891.6	853.5	808.1	756.2	706.9	660.1	619.5
32.5°	878.6	889.0	894.6	896.3	893.3	871.2	829.7	772.6	714.6	656.2	613.4
35°	756.6	784.3	818.5	831.4	844.0	855.7	834.0	784.3	717.2	655.4	603.9
37.5°	622.9	648.0	704.7	730.6	745.4	791.6	809.4	782.6	722.4	656.2	594.8
40°	502.7	542.5	583.1	618.2	641.1	693.0	748.0	754.0	715.1	648.0	583.1
42.5°	423.1	446.4	477.1	509.6	529.9	591.4	665.8	709.5	692.1	634.6	568.9
45°	360.3	377.7	406.6	417.5	443.4	502.2	581.0	644.1	652.8	613.4	552.4
47.5°	309.3	324.0	342.6	356.0	376.8	420.9	487.5	557.2	598.7	584.4	529.5
50°	272.5	284.6	300.2	308.0	321.4	361.2	411.4	480.6	536.4	541.2	499.6
52.5°	241.8	248.7	260.9	269.5	280.3	304.5	350.0	407.1	469.8	495.8	462.9
55°	215.0	220.6	231.4	237.1	242.7	263.4	298.9	350.8	409.7	443.8	425.2
57.5°	190.8	195.5	204.6	209.8	212.8	232.7	260.0	300.7	353.4	395.0	384.6
60°	170.9	175.2	180.4	184.3	187.7	204.2	223.2	256.1	303.2	343.5	340.9
62.5°	149.7	153.6	159.2	163.1	166.1	176.5	192.5	217.6	257.8	295.0	302.4
65°	131.1	134.1	138.0	139.7	143.6	151.4	164.4	186.9	219.8	253.1	258.3
67.5°	114.2	115.1	117.7	121.6	122.4	129.3	141.0	157.9	183.4	210.7	218.9
70°	96.0	97.3	99.5	102.5	104.3	108.6	118.5	129.8	151.8	175.6	181.7
72.5°	80.0	81.8	82.6	84.4	85.2	92.1	96.5	107.7	122.9	142.8	149.2
75°	64.9	66.6	67.1	67.9	68.8	71.8	77.9	84.8	97.3	110.3	119.0
77.5°	51.5	51.0	51.9	53.2	52.8	55.4	59.3	65.3	73.5	84.4	90.0
80°	36.3	36.3	37.6	38.9	38.5	41.1	42.4	46.7	53.6	60.6	62.7
82.5°	24.2	24.2	25.5	25.5	26.4	26.8	28.6	30.7	36.3	39.8	41.1
85°	13.8	13.8	14.3	14.3	14.3	15.1	16.4	17.3	19.0	21.2	22.1
87.5°	5.6	6.1	6.1	6.1	6.1	6.9	6.9	7.8	8.2	9.1	9.1
90°	16.6	16.1	15.6	15.4	15.0	14.2	13.3	12.5	11.7	10.6	9.4
92.5°	38.3	38.0	37.7	37.5	36.9	35.8	34.6	33.5	32.3	30.8	29.4
95°	62.5	62.2	61.9	61.7	61.1	60.0	58.8	57.7	56.5	54.9	53.3
97.5°	89.3	89.1	89.0	88.9	88.4	87.4	86.4	85.4	84.4	82.1	79.9
100°	119.8	119.5	119.2	119.0	118.3	116.8	115.3	113.9	112.4	110.3	108.1
102.5°	150.3	149.8	149.3	149.1	148.3	146.6	145.0	143.3	141.7	140.9	140.1
105°	181.1	180.6	180.1	179.9	179.4	178.4	177.5	176.5	175.5	174.5	173.5
107.5°	213.0	213.0	213.0	213.0	212.8	212.3	211.8	211.3	210.8	210.0	209.2
110°	248.5	248.7	248.8	248.9	248.7	248.2	247.7	247.2	246.7	246.2	245.7

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	283.4	283.7	284.0	284.2	284.1	283.9	283.8	283.6	283.4	282.8	282.1
115°	319.8	319.9	320.1	320.2	320.3	320.4	320.6	320.7	320.9	320.6	320.2
117.5°	356.0	356.6	357.3	357.6	357.5	357.4	357.2	357.1	356.9	356.6	356.2
120°	392.7	393.3	394.0	394.3	394.3	394.3	394.3	394.3	394.3	394.1	394.0
122.5°	429.1	429.6	430.1	430.3	430.4	430.5	430.7	430.8	431.0	430.5	430.0
125°	465.2	465.3	465.5	465.6	465.8	466.1	466.4	466.7	467.0	466.8	466.7
127.5°	500.7	501.0	501.3	501.5	501.6	501.8	501.9	502.1	502.3	502.1	501.9
130°	536.0	536.3	536.6	536.8	536.9	537.0	537.2	537.3	537.5	537.2	536.9
132.5°	569.4	569.9	570.4	570.6	570.7	570.8	571.0	571.1	571.3	571.5	571.6
135°	604.2	604.8	605.5	605.8	605.8	605.8	605.8	605.8	605.8	605.6	605.5
137.5°	638.3	639.1	639.9	640.3	640.2	640.1	639.9	639.8	639.6	639.3	638.9
140°	670.6	671.4	672.2	672.6	672.4	672.1	671.8	671.5	671.2	670.7	670.2
142.5°	701.4	702.3	703.1	703.5	703.4	703.2	703.1	702.9	702.7	702.1	701.4
145°	731.7	732.2	732.7	732.9	732.9	732.9	732.9	732.9	732.9	732.4	731.9
147.5°	759.0	760.3	761.6	762.2	762.0	761.5	761.0	760.5	760.0	759.7	759.4
150°	786.4	786.7	787.0	787.2	787.2	787.2	787.2	787.2	787.2	786.6	785.9
152.5°	811.3	811.9	812.6	812.9	812.7	812.2	811.7	811.2	810.7	810.5	810.4
155°	834.3	835.2	836.0	836.4	836.1	835.4	834.8	834.1	833.5	833.3	833.1
157.5°	854.1	855.3	856.4	857.0	856.7	856.0	855.3	854.7	854.0	853.8	853.7
160°	873.2	874.1	874.9	875.3	875.0	874.3	873.7	873.0	872.4	872.2	872.0
162.5°	890.5	891.4	892.4	892.9	892.5	891.7	890.9	890.1	889.3	889.3	889.3
165°	905.2	906.1	907.1	907.6	907.3	906.6	906.0	905.3	904.7	904.5	904.4
167.5°	917.7	918.6	919.6	920.1	919.6	918.6	917.7	916.7	915.7	915.7	915.7
170°	927.5	928.7	929.8	930.4	929.9	928.9	928.0	927.0	926.0	926.0	926.0
172.5°	935.3	936.2	937.2	937.7	937.2	936.2	935.3	934.3	933.3	933.3	933.3
175°	940.0	941.2	942.3	942.9	942.4	941.4	940.5	939.5	938.5	938.5	938.5
177.5°	943.0	944.1	945.2	945.8	945.3	944.3	943.4	942.4	941.4	941.6	941.7
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	524.3	522.1	519.5	519.5	516.5	515.2	512.6	511.8	509.6	506.1	503.5
5°	542.9	537.3	533.8	530.8	524.3	519.5	514.8	509.6	504.4	498.3	491.4
7.5°	561.1	550.7	545.9	540.7	531.2	521.3	511.8	504.8	497.9	488.4	479.7
10°	580.1	567.1	558.5	551.6	536.8	524.3	510.5	500.5	489.7	477.6	466.3
12.5°	596.1	579.2	571.9	558.9	542.0	526.9	509.6	494.5	480.2	465.9	452.1
15°	609.5	593.5	575.3	570.2	546.8	525.2	505.7	486.2	468.5	454.2	438.2
17.5°	613.8	593.5	584.4	571.9	544.2	521.7	497.0	475.9	459.0	437.8	425.2
20°	615.1	595.7	583.1	571.5	546.8	516.9	492.7	466.8	446.4	425.2	405.3
22.5°	611.7	588.8	576.6	565.4	537.7	512.2	484.1	455.5	431.7	412.3	392.4
25°	605.2	578.4	566.7	554.6	528.2	500.1	469.4	442.1	420.0	396.7	377.2
27.5°	596.5	565.8	552.4	539.9	513.9	487.5	458.5	430.4	405.8	381.1	362.9
30°	585.7	550.3	538.1	521.7	496.6	471.5	445.1	417.0	389.3	366.0	346.1
32.5°	571.9	534.7	518.7	503.1	475.9	452.9	427.8	401.4	374.6	351.7	330.9
35°	559.3	516.9	499.2	483.6	453.4	429.1	408.4	383.7	359.9	336.1	317.5
37.5°	542.5	499.2	478.0	462.0	431.3	406.6	387.2	368.1	343.0	320.1	302.8
40°	524.7	477.1	457.3	441.2	409.2	382.4	363.8	346.9	326.6	305.4	287.2
42.5°	508.7	456.0	434.8	415.3	382.8	359.1	340.0	327.0	308.4	289.4	273.0
45°	488.4	433.5	410.5	390.2	359.1	333.1	314.9	304.5	290.7	272.1	257.8
47.5°	467.6	409.2	385.4	365.5	331.8	308.9	291.1	281.2	271.7	257.0	242.7
50°	440.4	383.7	362.1	339.2	305.8	282.5	267.8	257.8	250.5	240.1	228.0
52.5°	410.5	357.3	334.0	314.1	281.2	260.0	243.1	237.5	230.1	222.4	212.0
55°	379.0	328.8	306.3	286.8	256.5	234.9	221.1	215.0	209.4	203.3	196.4
57.5°	347.4	298.9	277.7	260.4	232.3	211.5	200.3	192.1	188.2	184.7	179.1
60°	308.0	266.9	250.5	234.9	207.2	188.2	177.4	171.3	167.8	166.1	163.5
62.5°	273.4	239.7	221.5	206.3	184.3	167.4	157.0	152.3	149.2	148.4	145.4
65°	236.6	207.6	193.4	180.4	161.4	146.2	137.6	131.9	129.8	129.3	129.3
67.5°	202.0	178.7	164.4	155.3	138.9	125.5	117.2	115.1	113.8	112.0	111.6
70°	169.6	151.0	138.4	130.6	115.9	106.0	99.5	96.0	96.0	94.7	93.9
72.5°	141.0	122.4	114.2	107.7	95.6	87.0	82.2	81.3	78.3	77.9	77.9
75°	110.3	96.5	90.8	85.2	76.1	70.1	66.2	64.0	62.3	62.3	62.7
77.5°	83.1	73.5	68.3	64.0	57.5	53.6	50.6	49.7	48.0	48.0	48.0
80°	58.8	53.6	49.7	46.3	41.5	38.1	36.3	34.6	34.6	34.2	34.6
82.5°	38.1	33.7	31.6	31.1	26.8	25.5	23.4	23.8	22.5	22.1	22.9
85°	22.1	19.9	17.3	16.4	14.7	13.0	12.1	12.5	12.1	11.7	12.1
87.5°	8.7	7.4	6.9	6.9	5.6	5.2	4.8	5.2	4.3	4.3	4.8
90°	8.3	7.2	6.6	5.9	4.6	3.3	2.0	0.7	2.0	3.3	4.6
92.5°	27.9	26.4	25.7	25.3	24.5	23.6	22.8	22.0	22.8	23.6	24.5
95°	51.6	50.0	49.2	49.0	48.7	48.4	48.0	47.7	48.0	48.4	48.7
97.5°	77.6	75.3	74.2	74.1	73.9	73.8	73.6	73.4	73.6	73.8	73.9
100°	106.0	103.9	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8
102.5°	139.3	138.5	138.1	137.7	136.9	136.0	135.2	134.4	135.2	136.0	136.9
105°	172.6	171.6	171.1	170.7	169.9	169.0	168.2	167.4	168.2	169.0	169.9
107.5°	208.3	207.5	207.1	206.7	205.9	205.0	204.2	203.4	204.2	205.0	205.9
110°	245.2	244.7	244.5	244.1	243.3	242.5	241.7	240.9	241.7	242.5	243.3

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	281.5	280.8	280.5	280.3	280.0	279.7	279.3	279.0	279.3	279.7	280.0
115°	319.9	319.6	319.4	319.1	318.4	317.8	317.1	316.5	317.1	317.8	318.4
117.5°	355.9	355.6	355.4	355.3	355.2	355.0	354.9	354.7	354.9	355.0	355.2
120°	393.8	393.7	393.6	393.2	392.4	391.5	390.7	389.9	390.7	391.5	392.4
122.5°	429.5	429.0	428.8	428.7	428.6	428.4	428.3	428.1	428.3	428.4	428.6
125°	466.5	466.4	466.3	465.8	464.8	463.9	462.9	461.9	462.9	463.9	464.8
127.5°	501.8	501.6	501.5	501.3	500.8	500.3	499.8	499.3	499.8	500.3	500.8
130°	536.6	536.3	536.1	535.7	534.9	534.0	533.2	532.4	533.2	534.0	534.9
132.5°	571.8	571.9	572.0	571.3	569.8	568.3	566.9	565.4	566.9	568.3	569.8
135°	605.3	605.2	605.1	604.6	603.6	602.7	601.7	600.7	601.7	602.7	603.6
137.5°	638.6	638.3	638.1	637.6	636.6	635.7	634.7	633.7	634.7	635.7	636.6
140°	669.7	669.2	669.0	668.6	667.8	666.9	666.1	665.3	666.1	666.9	667.8
142.5°	700.8	700.1	699.8	699.5	698.8	698.2	697.5	696.9	697.5	698.2	698.8
145°	731.4	730.9	730.7	730.4	729.7	729.0	728.4	727.7	728.4	729.0	729.7
147.5°	759.1	758.8	758.6	758.4	757.9	757.4	756.9	756.4	756.9	757.4	757.9
150°	785.3	784.6	784.3	784.4	784.5	784.7	784.8	785.0	784.8	784.7	784.5
152.5°	810.2	810.1	810.0	809.8	809.5	809.2	808.8	808.5	808.8	809.2	809.5
155°	833.0	832.8	832.7	832.7	832.7	832.7	832.7	832.7	832.7	832.7	832.7
157.5°	853.5	853.4	853.3	853.5	853.8	854.1	854.5	854.8	854.5	854.1	853.8
160°	871.9	871.7	871.6	871.8	872.3	872.8	873.3	873.8	873.3	872.8	872.3
162.5°	889.3	889.3	889.3	889.5	889.8	890.1	890.4	890.7	890.4	890.1	889.8
165°	904.2	904.1	904.0	904.2	904.5	904.8	905.1	905.4	905.1	904.8	904.5
167.5°	915.7	915.7	915.7	916.0	916.7	917.3	918.0	918.6	918.0	917.3	916.7
170°	926.0	926.0	926.0	926.3	927.0	927.6	928.3	928.9	928.3	927.6	927.0
172.5°	933.3	933.3	933.3	933.6	934.3	935.0	935.6	936.3	935.6	935.0	934.3
175°	938.5	938.5	938.5	938.8	939.5	940.1	940.8	941.4	940.8	940.1	939.5
177.5°	941.9	942.0	942.1	942.4	943.1	943.8	944.4	945.1	944.4	943.8	943.1
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	502.7	501.8	499.6	498.3	494.0	488.8	487.1	482.8	484.5	481.5	481.5
5°	489.3	485.4	482.8	478.9	470.7	465.0	459.0	456.0	454.2	452.1	450.3
7.5°	472.0	468.9	466.3	459.0	449.9	442.1	434.8	431.7	426.1	422.2	420.5
10°	456.8	452.5	446.4	437.8	428.3	418.3	411.8	405.3	401.0	398.9	394.1
12.5°	441.2	436.1	429.6	417.0	406.6	400.6	388.9	382.8	380.7	379.0	373.3
15°	425.2	419.6	411.8	400.1	391.1	376.8	369.9	365.1	359.9	359.5	355.2
17.5°	411.0	404.0	397.6	383.3	372.0	359.5	355.6	350.4	345.6	340.5	338.3
20°	392.8	386.3	381.5	366.0	353.4	345.6	339.2	334.8	331.8	326.6	325.7
22.5°	376.4	369.4	362.9	351.3	340.5	330.5	322.7	318.0	316.7	314.5	310.6
25°	360.3	353.4	345.6	334.8	323.6	316.7	309.7	306.7	304.1	300.7	297.6
27.5°	346.9	340.5	333.1	319.7	310.2	305.0	297.6	294.2	290.7	289.0	287.7
30°	330.9	323.6	318.0	307.6	297.2	290.3	285.1	282.1	279.0	277.3	276.4
32.5°	315.4	308.4	304.5	293.3	285.1	276.9	273.0	270.8	269.1	267.3	265.6
35°	302.8	295.9	289.8	279.5	271.2	265.6	262.6	259.1	257.8	256.1	256.1
37.5°	287.2	282.1	276.0	266.0	258.7	254.4	251.8	247.4	247.0	246.1	244.8
40°	273.8	268.6	263.0	254.4	247.9	242.7	239.2	237.1	235.8	234.9	234.0
42.5°	259.6	253.9	251.3	241.4	235.8	230.6	228.8	226.7	226.2	224.5	222.4
45°	245.7	241.0	235.8	228.4	223.7	219.3	216.7	215.0	212.8	212.4	211.1
47.5°	233.6	228.0	223.2	216.3	211.1	207.6	205.5	203.3	201.6	200.3	199.0
50°	218.0	213.7	209.8	202.5	198.1	194.7	191.6	189.9	188.2	188.2	188.2
52.5°	202.9	199.0	195.5	190.3	185.1	182.1	178.7	177.4	176.5	175.2	176.5
55°	188.2	184.3	180.8	176.9	170.9	168.3	164.8	163.5	164.0	164.0	165.3
57.5°	172.6	169.6	167.4	162.7	157.0	154.4	152.3	151.0	151.0	152.7	153.1
60°	157.5	154.4	150.5	146.2	142.8	139.7	138.4	138.9	138.9	139.7	141.9
62.5°	140.6	138.9	136.7	130.6	128.5	126.3	124.6	125.9	125.5	127.6	130.6
65°	125.0	123.3	120.3	117.2	114.6	112.5	112.0	112.5	113.3	115.5	119.0
67.5°	107.7	107.7	105.1	102.5	100.4	98.2	98.6	99.1	99.9	102.5	107.7
70°	93.4	91.7	89.1	87.4	85.7	84.8	83.9	85.7	88.2	90.0	93.9
72.5°	77.9	76.6	74.4	72.7	72.2	71.4	70.9	71.8	74.4	77.4	81.8
75°	61.4	61.9	60.6	59.3	59.3	58.0	58.8	58.8	61.4	64.5	67.9
77.5°	47.6	47.2	46.7	45.9	45.4	45.4	45.4	46.3	48.9	50.6	54.1
80°	33.7	34.2	32.9	33.3	32.9	33.3	33.3	35.0	36.3	38.5	41.1
82.5°	22.5	22.5	21.6	22.1	22.1	22.1	22.5	23.4	25.1	26.8	28.6
85°	12.5	13.0	12.1	13.0	13.0	13.0	13.4	13.8	15.1	15.6	17.3
87.5°	4.8	5.6	5.6	4.8	5.2	5.6	6.1	5.6	6.5	7.4	7.8
90°	5.9	6.6	7.2	8.3	9.4	10.6	11.7	12.5	13.3	14.2	15.0
92.5°	25.3	25.7	26.4	27.9	29.4	30.8	32.3	33.5	34.6	35.8	36.9
95°	49.0	49.2	50.0	51.6	53.3	54.9	56.5	57.7	58.8	60.0	61.1
97.5°	74.1	74.2	75.3	77.6	79.9	82.1	84.4	85.4	86.4	87.4	88.4
100°	102.8	102.8	103.9	106.0	108.1	110.3	112.4	113.9	115.3	116.8	118.3
102.5°	137.7	138.1	138.5	139.3	140.1	140.9	141.7	143.3	145.0	146.6	148.3
105°	170.7	171.1	171.6	172.6	173.5	174.5	175.5	176.5	177.5	178.4	179.4
107.5°	206.7	207.1	207.5	208.3	209.2	210.0	210.8	211.3	211.8	212.3	212.8
110°	244.1	244.5	244.7	245.2	245.7	246.2	246.7	247.2	247.7	248.2	248.7

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	280.3	280.5	280.8	281.5	282.1	282.8	283.4	283.6	283.8	283.9	284.1
115°	319.1	319.4	319.6	319.9	320.2	320.6	320.9	320.7	320.6	320.4	320.3
117.5°	355.3	355.4	355.6	355.9	356.2	356.6	356.9	357.1	357.2	357.4	357.5
120°	393.2	393.6	393.7	393.8	394.0	394.1	394.3	394.3	394.3	394.3	394.3
122.5°	428.7	428.8	429.0	429.5	430.0	430.5	431.0	430.8	430.7	430.5	430.4
125°	465.8	466.3	466.4	466.5	466.7	466.8	467.0	466.7	466.4	466.1	465.8
127.5°	501.3	501.5	501.6	501.8	501.9	502.1	502.3	502.1	501.9	501.8	501.6
130°	535.7	536.1	536.3	536.6	536.9	537.2	537.5	537.3	537.2	537.0	536.9
132.5°	571.3	572.0	571.9	571.8	571.6	571.5	571.3	571.1	571.0	570.8	570.7
135°	604.6	605.1	605.2	605.3	605.5	605.6	605.8	605.8	605.8	605.8	605.8
137.5°	637.6	638.1	638.3	638.6	638.9	639.3	639.6	639.8	639.9	640.1	640.2
140°	668.6	669.0	669.2	669.7	670.2	670.7	671.2	671.5	671.8	672.1	672.4
142.5°	699.5	699.8	700.1	700.8	701.4	702.1	702.7	702.9	703.1	703.2	703.4
145°	730.4	730.7	730.9	731.4	731.9	732.4	732.9	732.9	732.9	732.9	732.9
147.5°	758.4	758.6	758.8	759.1	759.4	759.7	760.0	760.5	761.0	761.5	762.0
150°	784.4	784.3	784.6	785.3	785.9	786.6	787.2	787.2	787.2	787.2	787.2
152.5°	809.8	810.0	810.1	810.2	810.4	810.5	810.7	811.2	811.7	812.2	812.7
155°	832.7	832.7	832.8	833.0	833.1	833.3	833.5	834.1	834.8	835.4	836.1
157.5°	853.5	853.3	853.4	853.5	853.7	853.8	854.0	854.7	855.3	856.0	856.7
160°	871.8	871.6	871.7	871.9	872.0	872.2	872.4	873.0	873.7	874.3	875.0
162.5°	889.5	889.3	889.3	889.3	889.3	889.3	889.3	890.1	890.9	891.7	892.5
165°	904.2	904.0	904.1	904.2	904.4	904.5	904.7	905.3	906.0	906.6	907.3
167.5°	916.0	915.7	915.7	915.7	915.7	915.7	915.7	916.7	917.7	918.6	919.6
170°	926.3	926.0	926.0	926.0	926.0	926.0	926.0	927.0	928.0	928.9	929.9
172.5°	933.6	933.3	933.3	933.3	933.3	933.3	933.3	934.3	935.3	936.2	937.2
175°	938.8	938.5	938.5	938.5	938.5	938.5	938.5	939.5	940.5	941.4	942.4
177.5°	942.4	942.1	942.0	941.9	941.7	941.6	941.4	942.4	943.4	944.3	945.3
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	483.2	480.2	479.7	480.6	478.9	481.5	480.6	481.5	479.3	481.5	480.2
5°	449.9	449.0	447.3	445.1	445.6	446.0	448.2	446.0	447.7	448.2	450.3
7.5°	418.7	417.0	418.3	417.5	413.6	412.7	413.6	414.9	417.5	419.2	420.5
10°	393.7	392.8	391.1	389.8	387.6	386.3	388.0	386.3	389.8	392.8	392.8
12.5°	374.6	371.2	369.0	368.6	363.8	364.7	366.4	367.7	371.6	373.3	373.3
15°	354.7	352.1	351.3	349.5	347.8	349.5	348.7	350.0	351.7	353.4	354.3
17.5°	337.4	337.0	337.4	333.1	334.4	332.2	332.7	334.8	333.5	334.8	337.4
20°	321.8	322.7	321.4	319.7	319.7	317.1	320.1	319.3	319.7	322.3	326.2
22.5°	310.2	309.7	308.4	307.1	305.4	305.8	306.3	305.4	308.9	311.0	311.5
25°	297.6	296.8	296.3	295.0	293.3	295.0	294.6	295.0	295.9	299.4	296.8
27.5°	285.9	284.2	285.1	283.8	283.3	283.8	283.8	284.2	285.1	285.5	285.9
30°	276.0	274.3	273.8	273.0	272.5	273.0	273.8	273.0	276.4	276.0	276.0
32.5°	265.2	263.9	263.0	263.0	262.6	262.2	262.6	263.0	265.6	263.9	265.6
35°	254.8	253.9	253.9	253.1	252.6	252.6	252.6	254.4	253.5	254.8	254.8
37.5°	244.8	244.8	244.4	243.5	243.1	243.5	243.1	244.0	243.5	244.0	244.4
40°	234.5	233.6	233.2	233.2	231.9	230.6	231.9	231.9	232.3	233.6	234.0
42.5°	221.9	222.4	222.4	220.6	220.6	220.6	221.1	221.5	221.5	222.4	222.4
45°	211.1	210.2	210.2	210.2	209.4	209.8	210.7	210.7	210.7	210.7	209.8
47.5°	199.0	199.0	199.4	199.4	200.7	200.3	200.3	199.9	199.0	199.0	199.4
50°	187.7	189.0	189.5	189.5	189.9	190.3	190.3	189.5	189.0	187.7	187.7
52.5°	176.9	177.8	178.7	180.0	180.8	180.4	180.4	179.5	177.8	177.4	176.9
55°	165.3	166.5	168.3	169.6	170.9	171.3	171.3	169.6	167.8	165.7	165.7
57.5°	154.4	155.7	158.8	160.1	161.8	161.8	160.9	159.6	157.0	155.3	154.0
60°	143.6	145.8	147.9	150.5	152.7	153.1	151.8	150.1	147.1	144.9	143.2
62.5°	131.9	134.1	138.4	141.0	142.8	142.8	142.8	140.6	136.7	133.7	131.1
65°	120.7	122.9	126.7	130.2	131.5	132.8	131.5	129.3	126.3	122.9	120.3
67.5°	109.0	111.6	115.5	118.1	119.8	121.1	120.3	118.5	114.6	109.9	108.1
70°	96.0	97.3	103.0	105.6	108.1	109.0	108.1	105.6	101.7	96.5	94.7
72.5°	83.9	85.2	90.4	92.6	94.7	95.6	94.3	92.6	89.1	84.4	82.2
75°	70.1	72.2	74.8	78.3	80.9	81.8	80.5	79.2	74.8	71.8	70.1
77.5°	55.4	57.5	61.0	64.0	66.6	66.2	64.5	64.9	60.1	56.7	55.4
80°	42.0	43.7	46.3	48.9	50.2	50.2	49.7	48.0	46.3	43.7	41.5
82.5°	29.0	31.1	33.3	35.0	35.0	35.5	34.6	34.2	32.4	30.3	29.8
85°	17.3	17.7	19.5	19.5	21.2	20.3	19.9	21.2	19.5	18.2	17.7
87.5°	7.8	7.4	7.8	7.8	7.4	8.2	8.2	7.8	8.2	7.8	7.8
90°	15.4	15.6	16.1	16.6	17.1	17.6	17.1	16.6	16.1	15.6	15.4
92.5°	37.5	37.7	38.0	38.3	38.6	38.9	38.6	38.3	38.0	37.7	37.5
95°	61.7	61.9	62.2	62.5	62.9	63.2	62.9	62.5	62.2	61.9	61.7
97.5°	88.9	89.0	89.1	89.3	89.4	89.6	89.4	89.3	89.1	89.0	88.9
100°	119.0	119.2	119.5	119.8	120.1	120.4	120.1	119.8	119.5	119.2	119.0
102.5°	149.1	149.3	149.8	150.3	150.8	151.3	150.8	150.3	149.8	149.3	149.1
105°	179.9	180.1	180.6	181.1	181.6	182.1	181.6	181.1	180.6	180.1	179.9
107.5°	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0
110°	248.9	248.8	248.7	248.5	248.4	248.2	248.4	248.5	248.7	248.8	248.9

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	284.2	284.0	283.7	283.4	283.0	282.7	283.0	283.4	283.7	284.0	284.2
115°	320.2	320.1	319.9	319.8	319.6	319.4	319.6	319.8	319.9	320.1	320.2
117.5°	357.6	357.3	356.6	356.0	355.3	354.7	355.3	356.0	356.6	357.3	357.6
120°	394.3	394.0	393.3	392.7	392.0	391.4	392.0	392.7	393.3	394.0	394.3
122.5°	430.3	430.1	429.6	429.1	428.6	428.1	428.6	429.1	429.6	430.1	430.3
125°	465.6	465.5	465.3	465.2	465.0	464.8	465.0	465.2	465.3	465.5	465.6
127.5°	501.5	501.3	501.0	500.7	500.4	500.1	500.4	500.7	501.0	501.3	501.5
130°	536.8	536.6	536.3	536.0	535.6	535.3	535.6	536.0	536.3	536.6	536.8
132.5°	570.6	570.4	569.9	569.4	568.9	568.4	568.9	569.4	569.9	570.4	570.6
135°	605.8	605.5	604.8	604.2	603.5	602.9	603.5	604.2	604.8	605.5	605.8
137.5°	640.3	639.9	639.1	638.3	637.5	636.7	637.5	638.3	639.1	639.9	640.3
140°	672.6	672.2	671.4	670.6	669.8	669.0	669.8	670.6	671.4	672.2	672.6
142.5°	703.5	703.1	702.3	701.4	700.6	699.8	700.6	701.4	702.3	703.1	703.5
145°	732.9	732.7	732.2	731.7	731.2	730.7	731.2	731.7	732.2	732.7	732.9
147.5°	762.2	761.6	760.3	759.0	757.7	756.4	757.7	759.0	760.3	761.6	762.2
150°	787.2	787.0	786.7	786.4	786.0	785.7	786.0	786.4	786.7	787.0	787.2
152.5°	812.9	812.6	811.9	811.3	810.6	810.0	810.6	811.3	811.9	812.6	812.9
155°	836.4	836.0	835.2	834.3	833.5	832.7	833.5	834.3	835.2	836.0	836.4
157.5°	857.0	856.4	855.3	854.1	853.0	851.8	853.0	854.1	855.3	856.4	857.0
160°	875.3	874.9	874.1	873.2	872.4	871.6	872.4	873.2	874.1	874.9	875.3
162.5°	892.9	892.4	891.4	890.5	889.5	888.5	889.5	890.5	891.4	892.4	892.9
165°	907.6	907.1	906.1	905.2	904.2	903.2	904.2	905.2	906.1	907.1	907.6
167.5°	920.1	919.6	918.6	917.7	916.7	915.7	916.7	917.7	918.6	919.6	920.1
170°	930.4	929.8	928.7	927.5	926.4	925.2	926.4	927.5	928.7	929.8	930.4
172.5°	937.7	937.2	936.2	935.3	934.3	933.3	934.3	935.3	936.2	937.2	937.7
175°	942.9	942.3	941.2	940.0	938.9	937.7	938.9	940.0	941.2	942.3	942.9
177.5°	945.8	945.2	944.1	943.0	941.8	940.7	941.8	943.0	944.1	945.2	945.8
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

TEST NUMBER: P1027964

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	484.1	481.5	484.5	480.6	481.5	486.2	485.8	490.1	492.7	492.3	494.5
5°	452.1	452.1	453.4	452.9	457.3	461.1	466.3	470.7	475.4	478.0	481.0
7.5°	420.5	424.8	425.7	427.8	433.0	439.5	444.7	451.2	458.1	462.9	466.3
10°	394.5	398.0	401.4	403.2	408.8	417.5	424.8	435.2	443.8	449.0	453.8
12.5°	371.6	375.5	377.2	385.0	388.9	394.5	404.9	416.2	425.7	431.3	435.2
15°	355.2	357.3	361.2	366.0	369.9	376.8	385.4	398.0	407.1	411.8	425.2
17.5°	341.3	343.9	346.1	348.2	354.3	361.6	369.9	380.7	392.4	400.6	407.5
20°	327.0	328.3	330.9	334.4	338.7	345.6	353.0	364.2	374.6	381.1	390.2
22.5°	310.2	314.1	316.7	319.3	324.0	331.8	338.7	346.9	359.9	367.3	376.8
25°	300.2	301.9	303.7	306.7	310.2	317.1	324.9	333.5	343.9	351.7	359.9
27.5°	287.2	289.8	292.0	295.9	298.1	303.7	311.0	319.7	332.2	338.7	345.6
30°	276.4	279.0	280.8	282.5	285.5	291.6	298.5	305.4	317.1	325.3	332.2
32.5°	265.6	268.2	270.4	271.7	274.7	278.6	284.2	292.9	302.8	308.4	317.5
35°	256.1	256.1	258.7	260.4	263.0	266.5	271.7	278.2	288.5	295.9	304.1
37.5°	245.3	245.7	247.9	249.2	251.8	255.2	260.4	266.5	275.1	280.8	289.0
40°	234.0	235.3	236.2	238.4	241.4	242.7	247.9	254.8	263.4	268.6	275.6
42.5°	222.8	223.7	225.8	227.5	230.1	232.3	235.8	242.3	248.7	256.5	262.2
45°	210.2	212.4	213.7	216.7	218.0	220.2	223.7	228.8	236.6	241.4	247.9
47.5°	199.4	200.3	201.2	205.0	207.6	208.9	212.4	215.4	223.7	228.0	234.0
50°	187.7	187.7	189.0	190.8	193.8	196.4	199.4	202.9	209.4	213.7	219.8
52.5°	176.9	175.6	176.5	177.4	180.4	183.0	186.0	190.8	196.8	199.4	204.6
55°	165.3	163.1	164.4	165.7	166.5	170.0	173.5	176.5	181.3	185.1	189.9
57.5°	152.7	152.3	151.4	151.8	154.0	156.2	158.8	162.7	168.3	171.3	173.9
60°	141.5	138.9	138.0	138.9	140.2	141.5	144.9	148.4	153.1	156.2	159.2
62.5°	129.8	127.2	125.5	124.2	125.5	128.5	130.6	133.2	137.1	140.6	143.2
65°	118.5	114.6	112.9	112.0	111.6	113.8	115.5	119.0	122.4	123.7	126.7
67.5°	106.0	102.5	100.4	99.1	99.1	99.1	100.8	104.3	107.7	108.1	111.2
70°	93.4	89.5	87.4	85.7	84.8	85.7	87.8	88.2	91.3	92.1	93.9
72.5°	80.0	76.6	74.0	71.8	72.2	73.1	73.1	74.0	75.7	77.9	77.9
75°	67.5	62.7	61.4	59.7	58.8	58.8	58.8	60.6	61.9	63.6	63.2
77.5°	53.2	50.6	48.0	47.2	45.9	45.4	46.3	46.3	47.2	48.5	48.9
80°	41.1	38.1	36.3	35.5	33.7	33.3	33.7	33.7	35.0	34.6	35.0
82.5°	28.6	26.4	25.1	23.8	22.9	23.4	22.9	22.9	23.4	22.9	22.9
85°	16.4	16.0	15.1	14.7	14.3	13.4	14.3	13.8	13.4	13.0	13.8
87.5°	7.8	7.4	7.4	6.5	6.5	6.1	6.5	6.5	6.1	6.1	6.1
90°	15.0	14.2	13.3	12.5	11.7	10.6	9.4	8.3	7.2	6.6	5.9
92.5°	36.9	35.8	34.6	33.5	32.3	30.8	29.4	27.9	26.4	25.7	25.3
95°	61.1	60.0	58.8	57.7	56.5	54.9	53.3	51.6	50.0	49.2	49.0
97.5°	88.4	87.4	86.4	85.4	84.4	82.1	79.9	77.6	75.3	74.2	74.1
100°	118.3	116.8	115.3	113.9	112.4	110.3	108.1	106.0	103.9	102.8	102.8
102.5°	148.3	146.6	145.0	143.3	141.7	140.9	140.1	139.3	138.5	138.1	137.7
105°	179.4	178.4	177.5	176.5	175.5	174.5	173.5	172.6	171.6	171.1	170.7
107.5°	212.8	212.3	211.8	211.3	210.8	210.0	209.2	208.3	207.5	207.1	206.7
110°	248.7	248.2	247.7	247.2	246.7	246.2	245.7	245.2	244.7	244.5	244.1



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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	284.1	283.9	283.8	283.6	283.4	282.8	282.1	281.5	280.8	280.5	280.3
115°	320.3	320.4	320.6	320.7	320.9	320.6	320.2	319.9	319.6	319.4	319.1
117.5°	357.5	357.4	357.2	357.1	356.9	356.6	356.2	355.9	355.6	355.4	355.3
120°	394.3	394.3	394.3	394.3	394.3	394.1	394.0	393.8	393.7	393.6	393.2
122.5°	430.4	430.5	430.7	430.8	431.0	430.5	430.0	429.5	429.0	428.8	428.7
125°	465.8	466.1	466.4	466.7	467.0	466.8	466.7	466.5	466.4	466.3	465.8
127.5°	501.6	501.8	501.9	502.1	502.3	502.1	501.9	501.8	501.6	501.5	501.3
130°	536.9	537.0	537.2	537.3	537.5	537.2	536.9	536.6	536.3	536.1	535.7
132.5°	570.7	570.8	571.0	571.1	571.3	571.5	571.6	571.8	571.9	572.0	571.3
135°	605.8	605.8	605.8	605.8	605.8	605.6	605.5	605.3	605.2	605.1	604.6
137.5°	640.2	640.1	639.9	639.8	639.6	639.3	638.9	638.6	638.3	638.1	637.6
140°	672.4	672.1	671.8	671.5	671.2	670.7	670.2	669.7	669.2	669.0	668.6
142.5°	703.4	703.2	703.1	702.9	702.7	702.1	701.4	700.8	700.1	699.8	699.5
145°	732.9	732.9	732.9	732.9	732.9	732.4	731.9	731.4	730.9	730.7	730.4
147.5°	762.0	761.5	761.0	760.5	760.0	759.7	759.4	759.1	758.8	758.6	758.4
150°	787.2	787.2	787.2	787.2	787.2	786.6	785.9	785.3	784.6	784.3	784.4
152.5°	812.7	812.2	811.7	811.2	810.7	810.5	810.4	810.2	810.1	810.0	809.8
155°	836.1	835.4	834.8	834.1	833.5	833.3	833.1	833.0	832.8	832.7	832.7
157.5°	856.7	856.0	855.3	854.7	854.0	853.8	853.7	853.5	853.4	853.3	853.5
160°	875.0	874.3	873.7	873.0	872.4	872.2	872.0	871.9	871.7	871.6	871.8
162.5°	892.5	891.7	890.9	890.1	889.3	889.3	889.3	889.3	889.3	889.3	889.5
165°	907.3	906.6	906.0	905.3	904.7	904.5	904.4	904.2	904.1	904.0	904.2
167.5°	919.6	918.6	917.7	916.7	915.7	915.7	915.7	915.7	915.7	915.7	916.0
170°	929.9	928.9	928.0	927.0	926.0	926.0	926.0	926.0	926.0	926.0	926.3
172.5°	937.2	936.2	935.3	934.3	933.3	933.3	933.3	933.3	933.3	933.3	933.6
175°	942.4	941.4	940.5	939.5	938.5	938.5	938.5	938.5	938.5	938.5	938.8
177.5°	945.3	944.3	943.4	942.4	941.4	941.6	941.7	941.9	942.0	942.1	942.4
180°	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6	943.6

TEST NUMBER: P1027964

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	509.6	509.6	509.6	509.6
2.5°	497.5	501.8	504.8	510.5
5°	486.2	494.0	501.4	509.2
7.5°	475.0	484.1	495.8	505.7
10°	462.4	474.1	488.0	501.4
12.5°	449.9	463.7	478.9	496.6
15°	434.8	452.5	470.2	489.3
17.5°	421.3	439.5	458.5	482.3
20°	406.2	426.1	446.9	471.1
22.5°	392.8	414.9	436.5	462.0
25°	377.7	399.3	423.1	450.3
27.5°	365.1	385.0	408.4	437.8
30°	350.0	371.6	395.0	424.4
32.5°	335.7	356.5	381.1	410.1
35°	321.0	342.2	364.2	391.9
37.5°	307.1	325.3	347.4	373.8
40°	291.6	311.5	331.4	352.1
42.5°	277.3	295.5	314.1	330.5
45°	261.3	276.9	294.6	308.0
47.5°	246.6	260.4	274.3	284.6
50°	231.9	242.7	253.1	262.2
52.5°	214.6	226.7	232.3	237.9
55°	199.0	205.9	211.1	216.7
57.5°	183.9	186.9	189.5	194.7
60°	164.0	167.4	170.4	174.3
62.5°	146.6	148.4	149.2	153.1
65°	130.2	129.8	131.9	134.1
67.5°	112.5	112.0	114.2	115.1
70°	95.2	94.7	95.2	97.3
72.5°	78.7	78.7	79.2	80.0
75°	63.6	63.6	64.0	64.9
77.5°	48.0	48.9	48.5	50.2
80°	35.0	34.2	35.0	35.9
82.5°	22.9	23.8	23.8	22.9
85°	13.0	13.0	13.0	13.0
87.5°	5.6	5.6	6.1	6.5
90°	4.6	3.3	2.0	0.7
92.5°	24.5	23.6	22.8	22.0
95°	48.7	48.4	48.0	47.7
97.5°	73.9	73.8	73.6	73.4
100°	102.8	102.8	102.8	102.8
102.5°	136.9	136.0	135.2	134.4
105°	169.9	169.0	168.2	167.4
107.5°	205.9	205.0	204.2	203.4
110°	243.3	242.5	241.7	240.9

TEST NUMBER: P1027964

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	280.0	279.7	279.3	279.0
115°	318.4	317.8	317.1	316.5
117.5°	355.2	355.0	354.9	354.7
120°	392.4	391.5	390.7	389.9
122.5°	428.6	428.4	428.3	428.1
125°	464.8	463.9	462.9	461.9
127.5°	500.8	500.3	499.8	499.3
130°	534.9	534.0	533.2	532.4
132.5°	569.8	568.3	566.9	565.4
135°	603.6	602.7	601.7	600.7
137.5°	636.6	635.7	634.7	633.7
140°	667.8	666.9	666.1	665.3
142.5°	698.8	698.2	697.5	696.9
145°	729.7	729.0	728.4	727.7
147.5°	757.9	757.4	756.9	756.4
150°	784.5	784.7	784.8	785.0
152.5°	809.5	809.2	808.8	808.5
155°	832.7	832.7	832.7	832.7
157.5°	853.8	854.1	854.5	854.8
160°	872.3	872.8	873.3	873.8
162.5°	889.8	890.1	890.4	890.7
165°	904.5	904.8	905.1	905.4
167.5°	916.7	917.3	918.0	918.6
170°	927.0	927.6	928.3	928.9
172.5°	934.3	935.0	935.6	936.3
175°	939.5	940.1	940.8	941.4
177.5°	943.1	943.8	944.4	945.1
180°	943.6	943.6	943.6	943.6

(END OF REPORT)