

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: P1027876

Luminaire Tested: S125DIP-B375D375UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027876
REPORT IS A COMBINATION OF REPORTS P1001992 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D375UB50-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

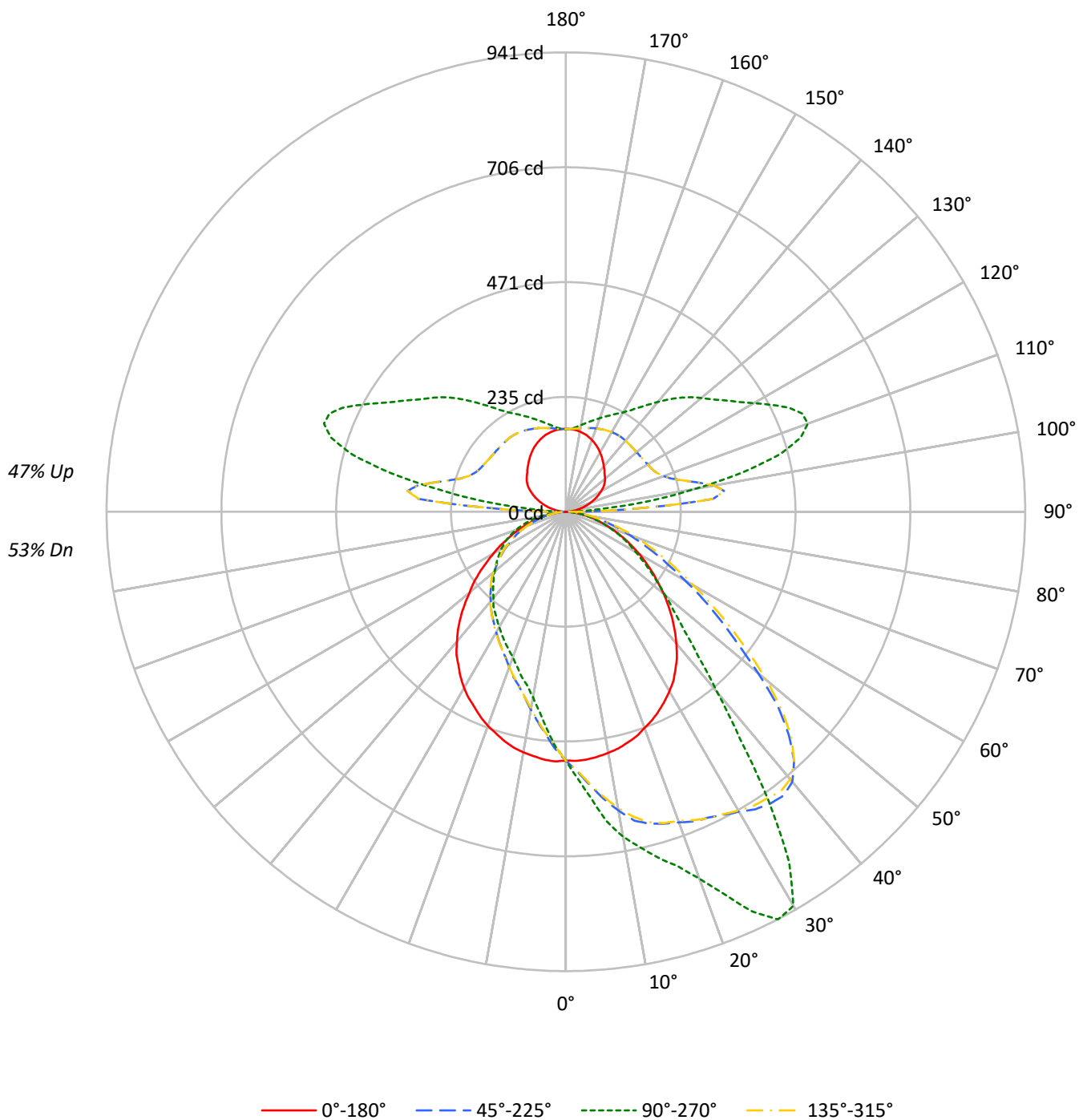
Lumens per Lamp: N/A
Luminaire Lumens: 2712.0 lumens
Efficiency: N/A
Efficacy: 121.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 22.3
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	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59
1	99	94	91	87	91	88	84	81	75	73	70	63	62	60	52	51	50
2	90	83	77	72	83	77	72	67	66	62	59	56	53	50	46	44	43
3	82	73	66	60	76	68	61	56	58	53	50	50	46	43	41	39	37
4	75	65	57	51	70	60	53	48	52	47	42	44	40	37	37	34	32
5	69	58	50	44	64	54	47	41	47	41	37	40	35	32	33	30	28
6	64	52	44	38	59	48	41	36	42	36	32	36	32	28	30	27	24
7	59	47	39	33	55	44	37	32	38	32	28	33	28	25	28	24	22
8	55	42	35	29	51	40	33	28	35	29	25	30	25	22	25	22	19
9	51	39	31	26	47	36	30	25	32	26	22	28	23	20	23	20	18
10	48	36	28	24	44	33	27	22	29	24	20	25	21	18	22	18	16

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	1.8
10°-20°	146.1	5.4
20°-30°	237.3	8.7
30°-40°	290.0	10.7
40°-50°	263.1	9.7
50°-60°	209.5	7.7
60°-70°	145.9	5.4
70°-80°	77.7	2.9
80°-90°	20.0	0.7
90°-100°	123.3	4.5
100°-110°	265.9	9.8
110°-120°	247.9	9.1
120°-130°	200.8	7.4
130°-140°	161.2	5.9
140°-150°	121.6	4.5
150°-160°	85.6	3.2
160°-170°	50.5	1.9
170°-180°	16.4	0.6
0°-30°	432.4	15.9
0°-40°	722.4	26.6
0°-60°	1195.0	44.1
0°-90°	1438.7	53.0
90°-120°	637.2	23.5
90°-150°	1120.8	41.3
90°-180°	1273.0	46.9
0°-180°	2712.0	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°	0	8	0	8	0	2
95°	11	80	11	80	11	12
105°	39	453	39	453	39	41
115°	69	504	69	504	69	68
125°	96	398	96	398	96	85
135°	112	330	112	330	112	87
145°	131	260	131	260	131	82
155°	149	218	149	218	149	69
165°	163	191	163	191	163	46
175°	169	172	169	172	169	16
180°	170	170	170	170	170	

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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°	0.3	0.7	1.4	2.1	2.7	3.0	3.4	3.8	4.4	4.8	5.5
92.5°	5.1	6.2	9.6	14.7	21.9	28.0	34.2	57.4	96.4	138.8	136.4
95°	11.3	11.6	14.4	18.1	25.6	33.3	41.0	77.6	152.8	247.1	302.8
97.5°	17.4	17.8	19.8	23.6	30.4	36.0	41.7	67.0	124.8	226.6	327.1
100°	23.9	24.6	26.0	29.7	36.2	41.4	46.5	66.3	110.7	196.9	308.6
102.5°	31.1	31.4	32.5	36.6	42.4	47.3	52.3	69.4	104.9	174.3	276.2
105°	38.6	38.6	40.3	43.7	49.2	54.0	58.8	73.8	104.2	161.3	247.8
107.5°	45.8	46.5	48.2	50.9	56.7	61.0	65.3	80.0	106.6	154.5	226.6
110°	53.7	54.3	55.7	58.8	63.9	68.4	72.8	86.8	110.4	151.8	212.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	61.5	62.2	63.2	66.3	71.4	75.7	80.0	93.3	115.2	151.8	204.4
115°	69.0	69.7	70.8	73.8	79.0	83.2	87.5	100.1	120.0	152.8	198.9
117.5°	75.9	76.9	77.9	81.0	86.8	90.9	95.0	107.0	125.4	154.5	195.8
120°	82.7	83.7	85.1	88.2	94.0	98.2	102.5	114.5	130.9	157.2	193.8
122.5°	89.9	90.6	91.6	94.7	101.2	105.4	109.7	121.7	137.1	159.6	192.1
125°	95.7	96.4	98.1	101.2	107.7	112.2	116.6	127.8	142.5	162.4	190.7
127.5°	100.5	101.5	103.6	107.3	114.2	118.6	123.0	134.0	147.7	165.4	190.0
130°	104.9	106.0	108.7	113.1	120.3	124.8	129.2	139.8	152.8	168.2	189.4
132.5°	108.3	109.7	113.1	118.3	125.8	130.2	134.7	145.3	157.2	171.2	189.4
135°	112.1	113.5	117.6	123.0	130.2	134.8	139.5	150.0	161.3	174.0	189.4
137.5°	116.9	117.9	121.7	127.1	134.3	139.1	143.9	153.5	164.4	176.7	189.7
140°	121.0	122.0	126.1	131.6	138.1	142.7	147.3	157.2	167.5	178.4	190.0
142.5°	125.8	126.5	130.2	135.7	141.8	146.1	150.4	159.6	169.2	179.4	190.4
145°	130.6	131.2	134.7	139.5	145.6	149.6	153.5	162.4	170.9	180.1	190.0
147.5°	135.7	136.0	139.1	143.6	149.0	152.6	156.2	164.1	171.9	180.5	189.4
150°	140.1	140.8	143.2	147.7	152.4	155.3	158.2	165.8	172.9	180.5	188.3
152.5°	144.9	145.3	147.3	151.1	155.5	158.0	160.6	167.5	173.6	180.1	187.0
155°	149.0	149.0	151.1	154.5	157.9	160.3	162.7	168.5	174.0	179.4	185.3
157.5°	152.8	152.8	154.5	157.6	160.6	162.5	164.4	169.5	174.3	178.8	183.5
160°	156.5	156.2	157.6	160.0	162.7	164.2	165.8	170.2	174.3	177.7	181.8
162.5°	159.6	159.3	160.6	162.7	164.7	165.9	167.1	170.9	174.0	176.7	179.8
165°	162.7	162.0	163.0	164.7	166.1	167.1	168.2	170.9	173.6	175.7	177.7
167.5°	164.7	164.4	165.1	166.1	167.1	167.8	168.5	170.9	172.9	174.0	175.7
170°	166.8	166.5	166.8	167.5	168.2	168.7	169.2	170.9	172.3	172.9	174.0
172.5°	168.2	167.5	167.8	168.5	168.8	169.0	169.2	170.6	171.6	171.6	171.9
175°	169.2	168.5	168.8	169.2	169.2	169.2	169.2	170.2	170.9	170.6	170.6
177.5°	169.9	169.2	169.2	169.5	169.2	169.2	169.2	169.9	170.2	169.5	169.5
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

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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°	5.8	6.2	6.5	6.8	7.2	7.5	7.5	7.5	7.9	7.9	7.9
92.5°	110.1	74.2	53.3	39.6	36.4	33.2	27.7	26.7	26.0	25.3	26.0
95°	296.3	245.7	193.8	151.8	137.4	123.0	98.8	88.5	85.8	80.3	85.8
97.5°	370.2	352.4	311.0	268.6	248.1	227.6	207.1	189.4	180.1	176.0	180.1
100°	394.1	420.4	403.7	368.5	350.7	332.9	309.3	284.7	272.1	266.6	272.1
102.5°	379.7	443.3	460.4	448.1	437.5	426.9	401.3	385.5	371.5	367.8	371.5
105°	345.9	427.9	474.7	489.8	487.9	486.0	475.1	463.8	457.0	452.9	457.0
107.5°	313.8	396.5	458.3	494.6	502.1	509.6	512.7	511.0	507.6	504.1	507.6
110°	287.1	360.9	425.9	474.1	488.6	503.1	518.5	525.0	527.4	527.4	527.4

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	267.3	332.9	393.7	442.6	460.4	478.2	502.4	514.7	521.6	524.6	521.6
115°	254.0	310.3	363.3	410.1	428.8	447.4	474.1	490.5	500.0	504.5	500.0
117.5°	245.1	294.6	341.4	382.5	400.1	417.7	444.7	461.8	471.3	474.1	471.3
120°	237.9	282.3	323.3	360.9	376.0	391.0	416.3	432.7	441.9	444.7	441.9
122.5°	231.7	273.1	310.3	342.8	356.6	370.5	392.4	407.1	416.3	418.7	416.3
125°	226.3	264.2	299.1	328.8	341.1	353.4	372.6	386.6	394.1	397.5	394.1
127.5°	221.1	255.0	288.1	316.2	327.8	339.4	356.8	369.5	376.7	378.0	376.7
130°	216.0	246.4	276.5	303.2	314.3	325.4	342.5	353.8	360.6	362.6	360.6
132.5°	211.9	237.9	265.6	289.2	299.8	310.3	327.4	338.7	344.9	347.3	344.9
135°	208.8	230.7	254.3	276.2	285.9	295.6	310.7	322.0	328.1	330.2	328.1
137.5°	205.8	224.2	244.0	262.8	271.4	279.9	293.6	304.2	310.0	312.4	310.0
140°	203.7	219.1	235.2	250.9	258.0	265.2	277.9	286.8	291.9	293.6	291.9
142.5°	202.0	214.6	227.6	240.6	246.6	252.6	262.8	270.0	274.8	276.2	274.8
145°	200.3	210.9	221.5	232.1	236.7	241.3	249.5	255.3	259.1	260.4	259.1
147.5°	198.6	207.1	216.0	224.6	228.2	231.7	238.6	243.4	245.7	246.4	245.7
150°	196.5	204.0	211.6	218.1	221.2	224.2	229.3	233.4	234.8	235.2	234.8
152.5°	194.1	200.6	207.1	212.9	215.2	217.4	221.5	224.6	225.9	226.3	225.9
155°	191.4	197.2	202.7	207.5	209.4	211.2	214.6	217.0	218.1	218.4	218.1
157.5°	189.0	193.8	198.6	202.3	203.9	205.4	208.2	210.2	211.2	211.2	211.2
160°	185.9	190.4	193.8	197.2	198.4	199.6	202.0	203.7	204.4	204.0	204.4
162.5°	183.2	186.6	189.7	192.4	193.4	194.5	196.2	197.6	197.6	197.6	197.6
165°	180.5	183.2	185.6	187.6	188.5	189.4	190.7	191.4	191.4	191.4	191.4
167.5°	177.7	179.8	181.5	183.2	183.9	184.6	185.3	185.9	185.6	185.6	185.6
170°	175.3	177.0	178.1	179.1	179.4	179.8	180.5	180.8	180.8	180.5	180.8
172.5°	172.9	174.0	175.0	175.7	175.8	176.0	176.0	176.7	176.0	175.7	176.0
175°	170.9	171.9	171.9	172.6	172.6	172.6	172.6	172.9	172.3	171.9	172.3
177.5°	169.9	170.2	170.6	170.6	170.6	170.6	170.2	170.6	169.5	169.5	169.5
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

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°	7.5	7.5	7.5	7.2	6.8	6.5	6.2	5.8	5.5	4.8	4.4
92.5°	26.7	27.7	33.2	36.4	39.6	53.3	74.2	110.1	136.4	138.8	96.4
95°	88.5	98.8	123.0	137.4	151.8	193.8	245.7	296.3	302.8	247.1	152.8
97.5°	189.4	207.1	227.6	248.1	268.6	311.0	352.4	370.2	327.1	226.6	124.8
100°	284.7	309.3	332.9	350.7	368.5	403.7	420.4	394.1	308.6	196.9	110.7
102.5°	385.5	401.3	426.9	437.5	448.1	460.4	443.3	379.7	276.2	174.3	104.9
105°	463.8	475.1	486.0	487.9	489.8	474.7	427.9	345.9	247.8	161.3	104.2
107.5°	511.0	512.7	509.6	502.1	494.6	458.3	396.5	313.8	226.6	154.5	106.6
110°	525.0	518.5	503.1	488.6	474.1	425.9	360.9	287.1	212.6	151.8	110.4

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	514.7	502.4	478.2	460.4	442.6	393.7	332.9	267.3	204.4	151.8	115.2
115°	490.5	474.1	447.4	428.8	410.1	363.3	310.3	254.0	198.9	152.8	120.0
117.5°	461.8	444.7	417.7	400.1	382.5	341.4	294.6	245.1	195.8	154.5	125.4
120°	432.7	416.3	391.0	376.0	360.9	323.3	282.3	237.9	193.8	157.2	130.9
122.5°	407.1	392.4	370.5	356.6	342.8	310.3	273.1	231.7	192.1	159.6	137.1
125°	386.6	372.6	353.4	341.1	328.8	299.1	264.2	226.3	190.7	162.4	142.5
127.5°	369.5	356.8	339.4	327.8	316.2	288.1	255.0	221.1	190.0	165.4	147.7
130°	353.8	342.5	325.4	314.3	303.2	276.5	246.4	216.0	189.4	168.2	152.8
132.5°	338.7	327.4	310.3	299.8	289.2	265.6	237.9	211.9	189.4	171.2	157.2
135°	322.0	310.7	295.6	285.9	276.2	254.3	230.7	208.8	189.4	174.0	161.3
137.5°	304.2	293.6	279.9	271.4	262.8	244.0	224.2	205.8	189.7	176.7	164.4
140°	286.8	277.9	265.2	258.0	250.9	235.2	219.1	203.7	190.0	178.4	167.5
142.5°	270.0	262.8	252.6	246.6	240.6	227.6	214.6	202.0	190.4	179.4	169.2
145°	255.3	249.5	241.3	236.7	232.1	221.5	210.9	200.3	190.0	180.1	170.9
147.5°	243.4	238.6	231.7	228.2	224.6	216.0	207.1	198.6	189.4	180.5	171.9
150°	233.4	229.3	224.2	221.2	218.1	211.6	204.0	196.5	188.3	180.5	172.9
152.5°	224.6	221.5	217.4	215.2	212.9	207.1	200.6	194.1	187.0	180.1	173.6
155°	217.0	214.6	211.2	209.4	207.5	202.7	197.2	191.4	185.3	179.4	174.0
157.5°	210.2	208.2	205.4	203.9	202.3	198.6	193.8	189.0	183.5	178.8	174.3
160°	203.7	202.0	199.6	198.4	197.2	193.8	190.4	185.9	181.8	177.7	174.3
162.5°	197.6	196.2	194.5	193.4	192.4	189.7	186.6	183.2	179.8	176.7	174.0
165°	191.4	190.7	189.4	188.5	187.6	185.6	183.2	180.5	177.7	175.7	173.6
167.5°	185.9	185.3	184.6	183.9	183.2	181.5	179.8	177.7	175.7	174.0	172.9
170°	180.8	180.5	179.8	179.4	179.1	178.1	177.0	175.3	174.0	172.9	172.3
172.5°	176.7	176.0	176.0	175.8	175.7	175.0	174.0	172.9	171.9	171.6	171.6
175°	172.9	172.6	172.6	172.6	172.6	171.9	171.9	170.9	170.6	170.6	170.9
177.5°	170.6	170.2	170.6	170.6	170.6	170.6	170.2	169.9	169.5	169.5	170.2
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

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°	3.8	3.4	3.0	2.7	2.1	1.4	0.7	0.3	0.7	1.4	2.1
92.5°	57.4	34.2	28.0	21.9	14.7	9.6	6.2	5.1	6.2	9.6	14.7
95°	77.6	41.0	33.3	25.6	18.1	14.4	11.6	11.3	11.6	14.4	18.1
97.5°	67.0	41.7	36.0	30.4	23.6	19.8	17.8	17.4	17.8	19.8	23.6
100°	66.3	46.5	41.4	36.2	29.7	26.0	24.6	23.9	24.6	26.0	29.7
102.5°	69.4	52.3	47.3	42.4	36.6	32.5	31.4	31.1	31.4	32.5	36.6
105°	73.8	58.8	54.0	49.2	43.7	40.3	38.6	38.6	38.6	40.3	43.7
107.5°	80.0	65.3	61.0	56.7	50.9	48.2	46.5	45.8	46.5	48.2	50.9
110°	86.8	72.8	68.4	63.9	58.8	55.7	54.3	53.7	54.3	55.7	58.8

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	93.3	80.0	75.7	71.4	66.3	63.2	62.2	61.5	62.2	63.2	66.3
115°	100.1	87.5	83.2	79.0	73.8	70.8	69.7	69.0	69.7	70.8	73.8
117.5°	107.0	95.0	90.9	86.8	81.0	77.9	76.9	75.9	76.9	77.9	81.0
120°	114.5	102.5	98.2	94.0	88.2	85.1	83.7	82.7	83.7	85.1	88.2
122.5°	121.7	109.7	105.4	101.2	94.7	91.6	90.6	89.9	90.6	91.6	94.7
125°	127.8	116.6	112.2	107.7	101.2	98.1	96.4	95.7	96.4	98.1	101.2
127.5°	134.0	123.0	118.6	114.2	107.3	103.6	101.5	100.5	101.5	103.6	107.3
130°	139.8	129.2	124.8	120.3	113.1	108.7	106.0	104.9	106.0	108.7	113.1
132.5°	145.3	134.7	130.2	125.8	118.3	113.1	109.7	108.3	109.7	113.1	118.3
135°	150.0	139.5	134.8	130.2	123.0	117.6	113.5	112.1	113.5	117.6	123.0
137.5°	153.5	143.9	139.1	134.3	127.1	121.7	117.9	116.9	117.9	121.7	127.1
140°	157.2	147.3	142.7	138.1	131.6	126.1	122.0	121.0	122.0	126.1	131.6
142.5°	159.6	150.4	146.1	141.8	135.7	130.2	126.5	125.8	126.5	130.2	135.7
145°	162.4	153.5	149.6	145.6	139.5	134.7	131.2	130.6	131.2	134.7	139.5
147.5°	164.1	156.2	152.6	149.0	143.6	139.1	136.0	135.7	136.0	139.1	143.6
150°	165.8	158.2	155.3	152.4	147.7	143.2	140.8	140.1	140.8	143.2	147.7
152.5°	167.5	160.6	158.0	155.5	151.1	147.3	145.3	144.9	145.3	147.3	151.1
155°	168.5	162.7	160.3	157.9	154.5	151.1	149.0	149.0	149.0	151.1	154.5
157.5°	169.5	164.4	162.5	160.6	157.6	154.5	152.8	152.8	152.8	154.5	157.6
160°	170.2	165.8	164.2	162.7	160.0	157.6	156.2	156.5	156.2	157.6	160.0
162.5°	170.9	167.1	165.9	164.7	162.7	160.6	159.3	159.6	159.3	160.6	162.7
165°	170.9	168.2	167.1	166.1	164.7	163.0	162.0	162.7	162.0	163.0	164.7
167.5°	170.9	168.5	167.8	167.1	166.1	165.1	164.4	164.7	164.4	165.1	166.1
170°	170.9	169.2	168.7	168.2	167.5	166.8	166.5	166.8	166.5	166.8	167.5
172.5°	170.6	169.2	169.0	168.8	168.5	167.8	167.5	168.2	167.5	167.8	168.5
175°	170.2	169.2	169.2	169.2	169.2	168.8	168.5	169.2	168.5	168.8	169.2
177.5°	169.9	169.2	169.2	169.2	169.5	169.2	169.2	169.9	169.2	169.2	169.5
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

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°	2.7	3.0	3.4	3.8	4.4	4.8	5.5	5.8	6.2	6.5	6.8
92.5°	21.9	28.0	34.2	57.4	96.4	138.8	136.4	110.1	74.2	53.3	39.6
95°	25.6	33.3	41.0	77.6	152.8	247.1	302.8	296.3	245.7	193.8	151.8
97.5°	30.4	36.0	41.7	67.0	124.8	226.6	327.1	370.2	352.4	311.0	268.6
100°	36.2	41.4	46.5	66.3	110.7	196.9	308.6	394.1	420.4	403.7	368.5
102.5°	42.4	47.3	52.3	69.4	104.9	174.3	276.2	379.7	443.3	460.4	448.1
105°	49.2	54.0	58.8	73.8	104.2	161.3	247.8	345.9	427.9	474.7	489.8
107.5°	56.7	61.0	65.3	80.0	106.6	154.5	226.6	313.8	396.5	458.3	494.6
110°	63.9	68.4	72.8	86.8	110.4	151.8	212.6	287.1	360.9	425.9	474.1

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	71.4	75.7	80.0	93.3	115.2	151.8	204.4	267.3	332.9	393.7	442.6
115°	79.0	83.2	87.5	100.1	120.0	152.8	198.9	254.0	310.3	363.3	410.1
117.5°	86.8	90.9	95.0	107.0	125.4	154.5	195.8	245.1	294.6	341.4	382.5
120°	94.0	98.2	102.5	114.5	130.9	157.2	193.8	237.9	282.3	323.3	360.9
122.5°	101.2	105.4	109.7	121.7	137.1	159.6	192.1	231.7	273.1	310.3	342.8
125°	107.7	112.2	116.6	127.8	142.5	162.4	190.7	226.3	264.2	299.1	328.8
127.5°	114.2	118.6	123.0	134.0	147.7	165.4	190.0	221.1	255.0	288.1	316.2
130°	120.3	124.8	129.2	139.8	152.8	168.2	189.4	216.0	246.4	276.5	303.2
132.5°	125.8	130.2	134.7	145.3	157.2	171.2	189.4	211.9	237.9	265.6	289.2
135°	130.2	134.8	139.5	150.0	161.3	174.0	189.4	208.8	230.7	254.3	276.2
137.5°	134.3	139.1	143.9	153.5	164.4	176.7	189.7	205.8	224.2	244.0	262.8
140°	138.1	142.7	147.3	157.2	167.5	178.4	190.0	203.7	219.1	235.2	250.9
142.5°	141.8	146.1	150.4	159.6	169.2	179.4	190.4	202.0	214.6	227.6	240.6
145°	145.6	149.6	153.5	162.4	170.9	180.1	190.0	200.3	210.9	221.5	232.1
147.5°	149.0	152.6	156.2	164.1	171.9	180.5	189.4	198.6	207.1	216.0	224.6
150°	152.4	155.3	158.2	165.8	172.9	180.5	188.3	196.5	204.0	211.6	218.1
152.5°	155.5	158.0	160.6	167.5	173.6	180.1	187.0	194.1	200.6	207.1	212.9
155°	157.9	160.3	162.7	168.5	174.0	179.4	185.3	191.4	197.2	202.7	207.5
157.5°	160.6	162.5	164.4	169.5	174.3	178.8	183.5	189.0	193.8	198.6	202.3
160°	162.7	164.2	165.8	170.2	174.3	177.7	181.8	185.9	190.4	193.8	197.2
162.5°	164.7	165.9	167.1	170.9	174.0	176.7	179.8	183.2	186.6	189.7	192.4
165°	166.1	167.1	168.2	170.9	173.6	175.7	177.7	180.5	183.2	185.6	187.6
167.5°	167.1	167.8	168.5	170.9	172.9	174.0	175.7	177.7	179.8	181.5	183.2
170°	168.2	168.7	169.2	170.9	172.3	172.9	174.0	175.3	177.0	178.1	179.1
172.5°	168.8	169.0	169.2	170.6	171.6	171.6	171.9	172.9	174.0	175.0	175.7
175°	169.2	169.2	169.2	170.2	170.9	170.6	170.6	170.9	171.9	171.9	172.6
177.5°	169.2	169.2	169.2	169.9	170.2	169.5	169.5	169.9	170.2	170.6	170.6
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

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°	7.2	7.5	7.5	7.5	7.9	7.9	7.9	7.5	7.5	7.5	7.2
92.5°	36.4	33.2	27.7	26.7	26.0	25.3	26.0	26.7	27.7	33.2	36.4
95°	137.4	123.0	98.8	88.5	85.8	80.3	85.8	88.5	98.8	123.0	137.4
97.5°	248.1	227.6	207.1	189.4	180.1	176.0	180.1	189.4	207.1	227.6	248.1
100°	350.7	332.9	309.3	284.7	272.1	266.6	272.1	284.7	309.3	332.9	350.7
102.5°	437.5	426.9	401.3	385.5	371.5	367.8	371.5	385.5	401.3	426.9	437.5
105°	487.9	486.0	475.1	463.8	457.0	452.9	457.0	463.8	475.1	486.0	487.9
107.5°	502.1	509.6	512.7	511.0	507.6	504.1	507.6	511.0	512.7	509.6	502.1
110°	488.6	503.1	518.5	525.0	527.4	527.4	527.4	525.0	518.5	503.1	488.6

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	460.4	478.2	502.4	514.7	521.6	524.6	521.6	514.7	502.4	478.2	460.4
115°	428.8	447.4	474.1	490.5	500.0	504.5	500.0	490.5	474.1	447.4	428.8
117.5°	400.1	417.7	444.7	461.8	471.3	474.1	471.3	461.8	444.7	417.7	400.1
120°	376.0	391.0	416.3	432.7	441.9	444.7	441.9	432.7	416.3	391.0	376.0
122.5°	356.6	370.5	392.4	407.1	416.3	418.7	416.3	407.1	392.4	370.5	356.6
125°	341.1	353.4	372.6	386.6	394.1	397.5	394.1	386.6	372.6	353.4	341.1
127.5°	327.8	339.4	356.8	369.5	376.7	378.0	376.7	369.5	356.8	339.4	327.8
130°	314.3	325.4	342.5	353.8	360.6	362.6	360.6	353.8	342.5	325.4	314.3
132.5°	299.8	310.3	327.4	338.7	344.9	347.3	344.9	338.7	327.4	310.3	299.8
135°	285.9	295.6	310.7	322.0	328.1	330.2	328.1	322.0	310.7	295.6	285.9
137.5°	271.4	279.9	293.6	304.2	310.0	312.4	310.0	304.2	293.6	279.9	271.4
140°	258.0	265.2	277.9	286.8	291.9	293.6	291.9	286.8	277.9	265.2	258.0
142.5°	246.6	252.6	262.8	270.0	274.8	276.2	274.8	270.0	262.8	252.6	246.6
145°	236.7	241.3	249.5	255.3	259.1	260.4	259.1	255.3	249.5	241.3	236.7
147.5°	228.2	231.7	238.6	243.4	245.7	246.4	245.7	243.4	238.6	231.7	228.2
150°	221.2	224.2	229.3	233.4	234.8	235.2	234.8	233.4	229.3	224.2	221.2
152.5°	215.2	217.4	221.5	224.6	225.9	226.3	225.9	224.6	221.5	217.4	215.2
155°	209.4	211.2	214.6	217.0	218.1	218.4	218.1	217.0	214.6	211.2	209.4
157.5°	203.9	205.4	208.2	210.2	211.2	211.2	211.2	210.2	208.2	205.4	203.9
160°	198.4	199.6	202.0	203.7	204.4	204.0	204.4	203.7	202.0	199.6	198.4
162.5°	193.4	194.5	196.2	197.6	197.6	197.6	197.6	197.6	196.2	194.5	193.4
165°	188.5	189.4	190.7	191.4	191.4	191.4	191.4	191.4	190.7	189.4	188.5
167.5°	183.9	184.6	185.3	185.9	185.6	185.6	185.6	185.9	185.3	184.6	183.9
170°	179.4	179.8	180.5	180.8	180.8	180.5	180.8	180.8	180.5	179.8	179.4
172.5°	175.8	176.0	176.0	176.7	176.0	175.7	176.0	176.7	176.0	176.0	175.8
175°	172.6	172.6	172.6	172.9	172.3	171.9	172.3	172.9	172.6	172.6	172.6
177.5°	170.6	170.6	170.2	170.6	169.5	169.5	169.5	170.6	170.2	170.6	170.6
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

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°	6.8	6.5	6.2	5.8	5.5	4.8	4.4	3.8	3.4	3.0	2.7
92.5°	39.6	53.3	74.2	110.1	136.4	138.8	96.4	57.4	34.2	28.0	21.9
95°	151.8	193.8	245.7	296.3	302.8	247.1	152.8	77.6	41.0	33.3	25.6
97.5°	268.6	311.0	352.4	370.2	327.1	226.6	124.8	67.0	41.7	36.0	30.4
100°	368.5	403.7	420.4	394.1	308.6	196.9	110.7	66.3	46.5	41.4	36.2
102.5°	448.1	460.4	443.3	379.7	276.2	174.3	104.9	69.4	52.3	47.3	42.4
105°	489.8	474.7	427.9	345.9	247.8	161.3	104.2	73.8	58.8	54.0	49.2
107.5°	494.6	458.3	396.5	313.8	226.6	154.5	106.6	80.0	65.3	61.0	56.7
110°	474.1	425.9	360.9	287.1	212.6	151.8	110.4	86.8	72.8	68.4	63.9

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	442.6	393.7	332.9	267.3	204.4	151.8	115.2	93.3	80.0	75.7	71.4
115°	410.1	363.3	310.3	254.0	198.9	152.8	120.0	100.1	87.5	83.2	79.0
117.5°	382.5	341.4	294.6	245.1	195.8	154.5	125.4	107.0	95.0	90.9	86.8
120°	360.9	323.3	282.3	237.9	193.8	157.2	130.9	114.5	102.5	98.2	94.0
122.5°	342.8	310.3	273.1	231.7	192.1	159.6	137.1	121.7	109.7	105.4	101.2
125°	328.8	299.1	264.2	226.3	190.7	162.4	142.5	127.8	116.6	112.2	107.7
127.5°	316.2	288.1	255.0	221.1	190.0	165.4	147.7	134.0	123.0	118.6	114.2
130°	303.2	276.5	246.4	216.0	189.4	168.2	152.8	139.8	129.2	124.8	120.3
132.5°	289.2	265.6	237.9	211.9	189.4	171.2	157.2	145.3	134.7	130.2	125.8
135°	276.2	254.3	230.7	208.8	189.4	174.0	161.3	150.0	139.5	134.8	130.2
137.5°	262.8	244.0	224.2	205.8	189.7	176.7	164.4	153.5	143.9	139.1	134.3
140°	250.9	235.2	219.1	203.7	190.0	178.4	167.5	157.2	147.3	142.7	138.1
142.5°	240.6	227.6	214.6	202.0	190.4	179.4	169.2	159.6	150.4	146.1	141.8
145°	232.1	221.5	210.9	200.3	190.0	180.1	170.9	162.4	153.5	149.6	145.6
147.5°	224.6	216.0	207.1	198.6	189.4	180.5	171.9	164.1	156.2	152.6	149.0
150°	218.1	211.6	204.0	196.5	188.3	180.5	172.9	165.8	158.2	155.3	152.4
152.5°	212.9	207.1	200.6	194.1	187.0	180.1	173.6	167.5	160.6	158.0	155.5
155°	207.5	202.7	197.2	191.4	185.3	179.4	174.0	168.5	162.7	160.3	157.9
157.5°	202.3	198.6	193.8	189.0	183.5	178.8	174.3	169.5	164.4	162.5	160.6
160°	197.2	193.8	190.4	185.9	181.8	177.7	174.3	170.2	165.8	164.2	162.7
162.5°	192.4	189.7	186.6	183.2	179.8	176.7	174.0	170.9	167.1	165.9	164.7
165°	187.6	185.6	183.2	180.5	177.7	175.7	173.6	170.9	168.2	167.1	166.1
167.5°	183.2	181.5	179.8	177.7	175.7	174.0	172.9	170.9	168.5	167.8	167.1
170°	179.1	178.1	177.0	175.3	174.0	172.9	172.3	170.9	169.2	168.7	168.2
172.5°	175.7	175.0	174.0	172.9	171.9	171.6	171.6	170.6	169.2	169.0	168.8
175°	172.6	171.9	171.9	170.9	170.6	170.6	170.9	170.2	169.2	169.2	169.2
177.5°	170.6	170.6	170.2	169.9	169.5	169.5	170.2	169.9	169.2	169.2	169.2
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

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°	2.1	1.4	0.7	0.3
92.5°	14.7	9.6	6.2	5.1
95°	18.1	14.4	11.6	11.3
97.5°	23.6	19.8	17.8	17.4
100°	29.7	26.0	24.6	23.9
102.5°	36.6	32.5	31.4	31.1
105°	43.7	40.3	38.6	38.6
107.5°	50.9	48.2	46.5	45.8
110°	58.8	55.7	54.3	53.7



TEST NUMBER: P1027876

CATALOG NUMBER: S125DIP-B375D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	66.3	63.2	62.2	61.5
115°	73.8	70.8	69.7	69.0
117.5°	81.0	77.9	76.9	75.9
120°	88.2	85.1	83.7	82.7
122.5°	94.7	91.6	90.6	89.9
125°	101.2	98.1	96.4	95.7
127.5°	107.3	103.6	101.5	100.5
130°	113.1	108.7	106.0	104.9
132.5°	118.3	113.1	109.7	108.3
135°	123.0	117.6	113.5	112.1
137.5°	127.1	121.7	117.9	116.9
140°	131.6	126.1	122.0	121.0
142.5°	135.7	130.2	126.5	125.8
145°	139.5	134.7	131.2	130.6
147.5°	143.6	139.1	136.0	135.7
150°	147.7	143.2	140.8	140.1
152.5°	151.1	147.3	145.3	144.9
155°	154.5	151.1	149.0	149.0
157.5°	157.6	154.5	152.8	152.8
160°	160.0	157.6	156.2	156.5
162.5°	162.7	160.6	159.3	159.6
165°	164.7	163.0	162.0	162.7
167.5°	166.1	165.1	164.4	164.7
170°	167.5	166.8	166.5	166.8
172.5°	168.5	167.8	167.5	168.2
175°	169.2	168.8	168.5	169.2
177.5°	169.5	169.2	169.2	169.9
180°	169.5	169.5	169.5	169.5

(END OF REPORT)