

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: P1032265

Luminaire Tested: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032265
REPORT IS A COMBINATION OF REPORTS P994368 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B340D755UB40-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

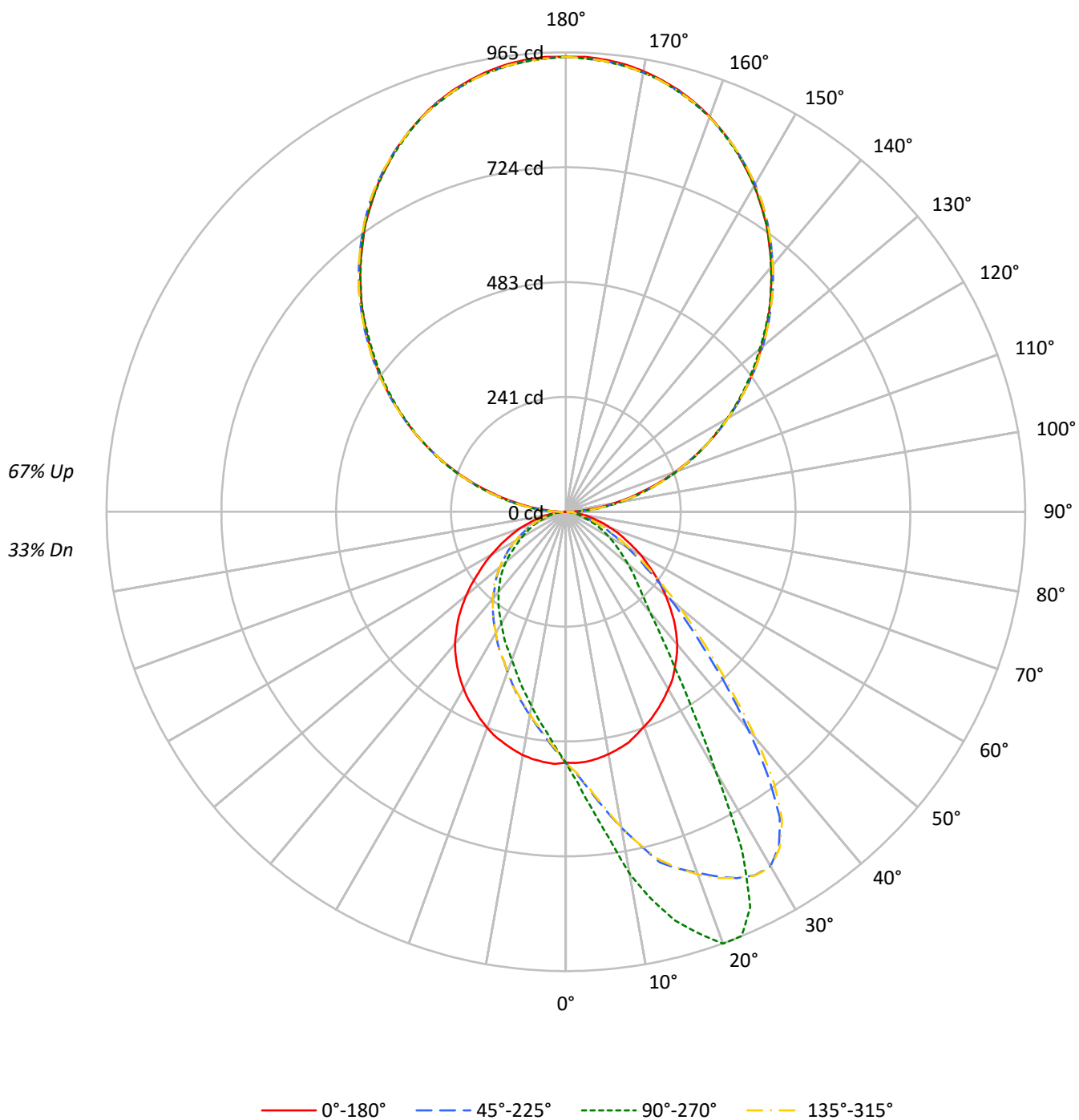
Lumens per Lamp: N/A
Luminaire Lumens: 3962.0 lumens
Efficiency: N/A
Efficacy: 109.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 36.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41
1	94	90	87	83	85	82	79	76	65	63	61	50	49	48	36	36	35
2	86	79	74	69	78	72	67	63	58	54	51	45	42	40	33	31	30
3	79	70	63	58	71	63	58	53	51	47	44	40	37	35	29	27	26
4	72	62	55	49	65	56	50	45	46	41	37	36	32	30	26	24	23
5	66	55	48	42	60	50	44	39	41	36	32	32	29	26	24	22	20
6	61	50	42	36	55	45	39	34	37	32	28	29	26	23	22	20	18
7	57	45	37	32	51	41	34	30	33	29	25	26	23	20	20	18	16
8	52	41	33	28	47	37	31	26	31	26	22	24	21	18	18	16	14
9	49	37	30	25	44	34	28	23	28	23	20	22	19	16	17	15	13
10	46	34	27	22	41	31	25	21	26	21	18	21	17	15	16	13	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5672	5672	5672	5672
5°	5675	6532	5690	4846
10°	5626	7885	5650	4233
15°	5568	8949	5568	3732
20°	5453	9653	5484	3311
25°	5370	9171	5359	3021
30°	5273	6354	5262	2737
35°	5155	4079	5132	2524
40°	5010	2880	4985	2311
45°	4757	2305	4749	2104
50°	4446	1929	4431	1862
55°	4095	1590	4062	1579
60°	3751	1314	3714	1343
65°	3348	1052	3370	1138
70°	2974	730	3057	921
75°	2522	542	2625	707
80°	2009	358	2177	531
85°	1431	171	1556	330

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7571 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	1.3
10°-20°	162.0	4.1
20°-30°	255.1	6.4
30°-40°	265.3	6.7
40°-50°	226.9	5.7
50°-60°	173.0	4.4
60°-70°	110.9	2.8
70°-80°	53.1	1.3
80°-90°	16.0	0.4
90°-100°	61.5	1.6
100°-110°	186.2	4.7
110°-120°	317.0	8.0
120°-130°	417.0	10.5
130°-140°	468.7	11.8
140°-150°	460.8	11.6
150°-160°	388.0	9.8
160°-170°	258.3	6.5
170°-180°	90.4	2.3
0°-30°	468.8	11.8
0°-40°	734.1	18.5
0°-60°	1134.1	28.6
0°-90°	1314.0	33.2
90°-120°	564.7	14.3
90°-150°	1911.3	48.2
90°-180°	2648.0	66.8
0°-180°	3962.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	626	528	464	526	50
15°	503	889	503	371	503	141
25°	457	916	456	302	457	211
35°	399	397	397	246	399	250
45°	320	212	320	194	320	247
55°	226	133	224	132	226	203
65°	138	77	139	83	138	138
75°	66	32	69	42	66	72
85°	15	8	16	15	15	17
90°	1	22	1	22	1	4
95°	44	59	44	59	44	49
105°	169	179	169	179	169	181
115°	319	320	319	320	319	316
125°	467	462	467	462	467	416
135°	606	605	606	605	606	467
145°	735	735	735	735	735	459
155°	842	840	842	840	842	387
165°	917	914	917	914	917	259
175°	953	950	953	950	953	91
180°	956	956	956	956	956	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	528.2	531.9	534.6	536.4	540.9	543.6	545.8	549.9	549.9	550.8	552.6
5°	526.4	534.1	539.5	546.7	556.2	560.7	567.0	572.5	580.1	584.2	588.2
7.5°	522.4	533.2	544.5	555.3	569.3	578.3	584.6	598.6	608.5	620.7	630.2
10°	517.0	531.9	546.3	563.0	581.9	595.5	604.9	623.4	642.4	659.5	674.0
12.5°	510.2	528.2	549.0	569.3	595.9	609.4	624.8	647.8	674.9	696.5	715.9
15°	503.0	523.7	547.2	572.0	605.4	624.3	646.4	674.4	704.6	735.8	762.4
17.5°	491.7	517.9	544.0	580.1	619.4	630.7	649.6	687.9	725.4	753.4	785.8
20°	480.4	509.8	542.7	575.2	617.6	643.7	661.3	701.9	742.1	775.9	807.0
22.5°	470.1	500.7	535.0	576.1	615.8	641.9	664.0	706.4	752.9	790.8	829.1
25°	457.4	490.8	528.7	567.5	615.8	635.6	660.0	709.1	758.3	802.1	849.4
27.5°	443.9	477.7	515.2	554.9	599.1	628.4	652.3	705.1	765.1	812.0	860.7
30°	430.4	465.1	501.2	536.8	586.4	614.4	641.9	700.1	768.7	822.4	859.8
32.5°	417.3	446.6	482.2	517.0	566.1	596.8	627.9	695.2	770.0	815.2	833.2
35°	399.2	429.9	458.8	495.8	545.4	575.6	612.2	694.7	764.2	792.1	783.1
37.5°	382.5	408.3	435.8	468.7	519.7	558.9	596.8	683.0	744.8	746.6	695.6
40°	364.0	385.2	408.3	443.0	498.0	536.8	577.9	664.9	709.6	683.0	593.2
42.5°	342.8	361.8	379.8	413.7	473.7	517.0	561.2	642.4	658.6	597.3	503.9
45°	320.3	335.6	352.3	388.0	448.0	490.8	535.0	607.6	591.0	504.3	415.5
47.5°	296.8	309.9	326.2	358.6	420.4	464.2	506.1	558.0	515.6	422.7	348.3
50°	273.4	283.7	299.5	332.9	392.5	432.2	471.0	504.8	445.2	362.7	287.8
52.5°	250.4	258.5	274.7	303.1	360.9	398.8	426.7	439.8	379.4	299.5	249.9
55°	226.0	235.0	245.9	274.7	332.0	360.0	378.5	378.0	315.8	254.0	206.6
57.5°	202.5	210.7	220.1	249.0	295.5	314.4	330.2	322.5	263.4	208.0	177.3
60°	181.8	186.3	196.7	221.0	256.2	272.5	281.5	268.4	215.2	175.5	146.6
62.5°	159.2	163.8	172.3	195.3	217.0	225.6	233.2	216.5	177.7	143.0	125.4
65°	138.5	144.4	149.8	168.3	180.0	190.4	189.5	175.5	138.9	116.4	102.0
67.5°	120.4	122.7	127.2	138.5	143.9	151.6	152.0	136.2	111.9	94.7	86.2
70°	101.0	103.3	106.5	111.9	115.5	117.3	116.4	102.4	84.4	74.0	66.3
72.5°	84.4	83.9	86.2	86.2	89.8	89.3	86.6	75.8	64.1	55.5	51.0
75°	66.3	66.8	67.2	66.3	65.0	63.2	60.9	52.8	45.1	41.1	37.0
77.5°	51.9	51.0	51.4	48.3	46.5	44.7	41.5	37.4	31.1	30.2	28.4
80°	37.0	36.5	36.1	34.7	30.7	28.9	26.6	24.4	23.0	22.1	21.7
82.5°	24.8	24.8	23.9	21.2	18.9	17.6	17.1	16.2	14.9	14.9	14.4
85°	14.9	14.4	13.5	10.8	9.5	9.5	9.5	9.5	8.6	8.6	8.1
87.5°	5.9	5.4	4.1	4.1	3.6	3.6	3.6	3.2	3.2	2.7	2.7
90°	0.8	2.5	4.1	5.8	7.5	8.3	9.4	11.5	13.7	15.8	18.0
92.5°	22.5	23.5	24.5	25.5	26.5	27.0	27.5	28.5	29.5	30.5	31.5
95°	44.3	45.5	46.6	47.8	48.9	49.5	50.2	51.5	52.9	54.2	55.6
97.5°	72.8	73.6	74.5	75.3	76.2	76.6	77.1	78.1	79.1	80.1	81.1
100°	102.1	103.1	104.1	105.1	106.1	106.6	107.0	107.9	108.7	109.6	110.4
102.5°	135.9	136.4	136.9	137.4	137.9	138.1	138.7	139.9	141.0	142.2	143.4
105°	168.9	169.2	169.6	169.9	170.2	170.4	171.2	172.7	174.2	175.7	177.2
107.5°	207.9	208.1	208.3	208.4	208.6	208.7	209.0	209.7	210.4	211.0	211.7
110°	244.0	244.3	244.7	245.0	245.3	245.5	245.7	246.0	246.3	246.7	247.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	281.5	281.7	281.9	282.0	282.2	282.3	282.3	282.3	282.3	282.3	282.3
115°	319.1	319.6	320.1	320.6	321.1	321.3	321.1	320.8	320.5	320.1	319.8
117.5°	357.3	357.5	357.7	357.8	358.0	358.1	357.9	357.6	357.3	356.9	356.6
120°	392.6	393.6	394.6	395.6	396.6	397.1	396.7	395.9	395.0	394.2	393.4
122.5°	429.4	430.1	430.7	431.4	432.1	432.4	432.2	431.9	431.6	431.2	430.9
125°	466.9	467.4	467.9	468.4	468.9	469.2	469.0	468.7	468.4	468.0	467.7
127.5°	501.5	502.5	503.5	504.5	505.5	506.0	505.8	505.5	505.2	504.8	504.5
130°	536.0	537.3	538.7	540.0	541.3	542.0	541.8	541.3	540.8	540.3	539.8
132.5°	570.5	571.9	573.2	574.6	575.9	576.6	576.4	576.1	575.8	575.4	575.1
135°	605.8	606.8	607.8	608.8	609.8	610.3	610.2	610.1	609.9	609.8	609.6
137.5°	638.1	638.9	639.8	640.6	641.5	641.9	642.1	642.6	643.1	643.6	644.1
140°	671.9	672.7	673.5	674.4	675.2	675.6	675.7	675.9	676.0	676.2	676.4
142.5°	702.7	703.5	704.3	705.2	706.0	706.4	706.6	706.9	707.2	707.6	707.9
145°	735.0	735.3	735.7	736.0	736.3	736.5	736.7	737.2	737.7	738.2	738.7
147.5°	762.7	763.4	764.0	764.7	765.4	765.7	766.0	766.5	767.0	767.5	768.0
150°	792.0	792.3	792.7	793.0	793.3	793.5	793.7	794.0	794.3	794.7	795.0
152.5°	816.0	816.5	817.0	817.5	818.0	818.3	818.4	818.5	818.7	818.8	819.0
155°	841.6	841.6	841.6	841.6	841.6	841.6	841.7	841.8	842.0	842.1	842.3
157.5°	863.3	863.1	863.0	862.8	862.7	862.6	862.7	862.8	863.0	863.1	863.3
160°	883.6	883.3	882.9	882.6	882.3	882.1	882.1	882.1	882.1	882.1	882.1
162.5°	901.6	901.1	900.6	900.1	899.6	899.4	899.5	899.6	899.8	899.9	900.1
165°	916.6	916.1	915.6	915.1	914.6	914.4	914.4	914.4	914.4	914.4	914.4
167.5°	929.4	928.7	928.1	927.4	926.7	926.4	926.5	926.6	926.8	926.9	927.1
170°	939.9	939.2	938.6	937.9	937.2	936.9	936.9	936.9	936.9	936.9	936.9
172.5°	948.2	947.5	946.9	946.2	945.5	945.2	945.2	945.2	945.2	945.2	945.2
175°	953.4	952.7	952.1	951.4	950.7	950.4	950.4	950.4	950.4	950.4	950.4
177.5°	956.4	955.7	955.1	954.4	953.7	953.4	953.4	953.4	953.4	953.4	953.4
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	556.2	556.2	560.3	564.3	562.1	563.4	568.4	566.6	570.2	569.8	571.1
5°	598.2	603.1	607.2	615.8	617.1	615.8	624.3	626.6	630.7	625.7	627.9
7.5°	645.5	655.9	665.8	678.5	682.5	683.4	687.9	694.3	699.7	689.7	694.7
10°	691.6	707.3	727.6	738.9	748.8	752.5	756.1	760.1	766.4	772.3	767.8
12.5°	741.2	764.2	783.6	803.9	816.1	814.7	825.1	827.8	832.7	834.1	835.9
15°	781.8	814.3	826.4	856.7	859.4	868.4	880.1	890.5	891.8	889.1	889.1
17.5°	820.6	848.5	870.2	894.6	899.5	907.2	922.1	927.0	928.8	928.4	928.4
20°	852.1	870.6	907.2	927.5	935.6	945.5	955.9	962.2	963.6	965.4	962.7
22.5°	872.9	900.9	930.6	947.3	954.1	957.7	964.5	966.3	964.0	964.5	964.9
25°	889.1	916.7	934.7	939.2	938.8	934.2	929.3	920.7	919.8	916.2	909.0
27.5°	893.6	904.0	901.8	883.3	864.8	863.0	833.2	817.0	798.5	801.2	790.8
30°	869.3	855.8	823.7	776.8	757.4	725.8	692.5	657.7	644.2	629.3	656.8
32.5°	809.7	761.5	704.6	643.7	611.3	583.3	547.6	522.4	507.9	495.8	519.2
35°	720.0	644.6	569.3	511.6	484.9	459.7	426.3	413.7	395.6	397.4	399.7
37.5°	604.5	521.5	464.6	407.8	390.2	379.8	355.5	336.1	329.8	328.0	328.0
40°	496.2	428.1	377.6	332.9	319.4	310.8	291.4	282.4	275.6	273.8	276.1
42.5°	410.5	352.3	313.1	283.3	273.8	263.0	254.9	243.6	242.2	239.1	243.1
45°	344.6	294.1	264.8	243.1	235.0	231.0	221.9	215.2	212.5	212.0	215.2
47.5°	292.3	253.1	227.4	213.8	207.5	203.5	195.8	193.1	190.4	191.3	189.9
50°	245.4	216.1	199.4	187.2	183.2	179.1	174.1	171.4	170.1	170.1	169.6
52.5°	210.7	186.3	175.5	164.2	162.4	160.1	154.7	152.9	150.7	150.2	152.0
55°	180.4	163.8	152.9	146.2	144.4	139.8	137.6	135.3	134.0	133.1	133.5
57.5°	154.3	141.6	134.4	128.6	125.4	123.6	119.5	119.1	118.2	118.2	117.7
60°	132.6	123.6	115.0	111.4	109.2	106.9	106.5	103.8	102.4	103.3	102.9
62.5°	112.3	105.1	100.1	96.1	94.7	92.9	91.6	90.7	89.3	89.8	89.8
65°	93.8	88.0	84.4	80.7	80.3	78.5	78.0	77.1	77.1	76.7	77.6
67.5°	77.1	73.1	69.9	67.7	66.3	66.8	65.0	63.6	63.6	63.2	64.5
70°	61.4	59.1	55.9	53.2	51.4	51.4	49.2	48.7	48.7	48.7	48.3
72.5°	47.4	43.3	42.0	41.1	41.1	41.1	40.1	40.1	39.7	40.1	39.7
75°	35.2	34.7	33.8	33.4	33.4	32.9	32.5	32.5	32.5	32.5	32.5
77.5°	27.5	27.5	26.6	26.2	26.2	26.2	25.7	25.7	25.3	25.3	25.3
80°	20.3	20.3	19.4	19.4	19.4	18.9	18.9	18.9	19.4	18.9	18.9
82.5°	14.0	14.0	13.5	14.0	13.5	13.1	13.1	13.1	12.6	13.1	13.1
85°	8.1	8.1	7.7	7.2	7.7	7.7	7.2	7.7	7.2	7.7	7.2
87.5°	3.2	2.7	2.7	2.7	2.3	2.7	2.3	2.3	2.7	2.3	2.7
90°	18.7	19.3	20.0	20.7	21.0	21.2	21.5	21.8	22.2	22.5	22.2
92.5°	32.0	32.5	33.0	33.5	33.8	33.6	33.3	33.0	32.6	32.3	32.6
95°	56.3	56.9	57.6	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6
97.5°	81.9	82.7	83.6	84.4	84.8	84.7	84.6	84.4	84.3	84.1	84.3
100°	110.9	111.4	111.9	112.4	112.6	112.8	113.1	113.4	113.8	114.1	113.8
102.5°	143.9	144.4	144.9	145.4	145.6	145.5	145.4	145.2	145.1	144.9	145.1
105°	177.2	177.2	177.2	177.2	177.2	177.4	177.7	178.0	178.4	178.7	178.4
107.5°	212.2	212.7	213.2	213.7	214.0	213.9	213.7	213.6	213.4	213.2	213.4
110°	247.7	248.3	249.0	249.7	250.0	249.8	249.5	249.2	248.8	248.5	248.8

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	283.1	283.9	284.8	285.6	286.0	286.0	286.0	286.0	286.0	286.0	286.0
115°	320.0	320.2	320.3	320.5	320.6	320.5	320.3	320.2	320.0	319.8	320.0
117.5°	356.6	356.6	356.6	356.6	356.6	356.3	355.8	355.3	354.8	354.3	354.8
120°	393.2	393.0	392.9	392.7	392.6	392.4	392.1	391.8	391.4	391.1	391.4
122.5°	430.4	429.9	429.4	428.9	428.7	428.4	427.9	427.4	426.9	426.4	426.9
125°	467.0	466.4	465.7	465.0	464.7	464.4	463.7	463.0	462.4	461.7	462.4
127.5°	503.5	502.5	501.5	500.5	500.0	499.7	499.0	498.3	497.7	497.0	497.7
130°	539.1	538.5	537.8	537.1	536.8	536.2	535.0	533.9	532.7	531.5	532.7
132.5°	574.3	573.4	572.6	571.7	571.3	570.9	570.0	569.2	568.3	567.5	568.3
135°	608.9	608.3	607.6	606.9	606.6	606.4	606.1	605.8	605.4	605.1	605.4
137.5°	643.3	642.5	641.6	640.8	640.4	640.1	639.6	639.1	638.6	638.1	638.6
140°	676.2	676.0	675.9	675.7	675.6	675.0	673.9	672.7	671.6	670.4	671.6
142.5°	707.7	707.6	707.4	707.3	707.2	706.8	705.9	705.1	704.2	703.4	704.2
145°	738.5	738.4	738.2	738.1	738.0	737.7	737.0	736.3	735.7	735.0	735.7
147.5°	768.0	768.0	768.0	768.0	768.0	767.5	766.5	765.5	764.5	763.5	764.5
150°	795.0	795.0	795.0	795.0	795.0	794.5	793.5	792.5	791.5	790.5	791.5
152.5°	819.3	819.7	820.0	820.3	820.5	820.1	819.3	818.4	817.6	816.8	817.6
155°	843.0	843.6	844.3	845.0	845.3	844.7	843.6	842.4	841.3	840.1	841.3
157.5°	864.0	864.6	865.3	866.0	866.3	865.8	864.8	863.8	862.8	861.8	862.8
160°	882.9	883.7	884.6	885.4	885.8	885.5	884.8	884.1	883.5	882.8	883.5
162.5°	900.9	901.8	902.6	903.5	903.9	903.3	902.1	901.0	899.8	898.6	899.8
165°	915.4	916.4	917.4	918.4	918.9	918.3	917.1	916.0	914.8	913.6	914.8
167.5°	928.1	929.1	930.1	931.1	931.6	931.1	930.1	929.1	928.1	927.1	928.1
170°	938.1	939.3	940.4	941.6	942.2	941.6	940.4	939.3	938.1	936.9	938.1
172.5°	946.2	947.2	948.2	949.2	949.7	949.1	947.9	946.8	945.6	944.4	945.6
175°	951.4	952.4	953.4	954.4	954.9	954.3	953.2	952.0	950.9	949.7	950.9
177.5°	954.4	955.4	956.4	957.4	957.9	957.3	956.2	955.0	953.9	952.7	953.9
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	568.8	566.1	564.3	563.0	561.6	565.7	560.3	554.4	550.4	547.6	546.7
5°	628.4	622.5	617.6	613.5	614.4	614.4	604.9	594.6	585.5	580.6	575.2
7.5°	697.4	691.1	681.2	678.9	677.1	665.8	656.4	637.4	626.1	614.9	604.9
10°	766.0	757.9	748.4	745.2	740.7	726.7	712.3	687.9	674.0	653.2	640.1
12.5°	830.0	820.1	810.6	808.4	801.6	789.4	764.6	739.4	715.5	693.4	670.3
15°	883.7	881.0	866.6	857.6	842.7	826.0	820.6	786.3	756.1	733.1	691.6
17.5°	928.8	916.2	902.7	896.8	890.9	871.5	852.1	817.0	784.5	750.6	724.0
20°	964.9	950.9	941.5	932.9	930.2	908.1	877.4	846.3	810.6	772.8	738.0
22.5°	966.7	964.9	958.6	953.6	948.2	933.8	909.4	870.6	832.7	791.2	745.7
25°	929.3	926.6	944.6	940.1	943.7	938.3	925.2	892.7	848.5	799.8	753.8
27.5°	816.5	844.0	872.4	882.4	889.1	908.5	914.9	896.8	861.2	809.3	757.9
30°	663.1	699.7	745.7	770.5	789.4	825.5	872.4	878.3	861.6	820.1	757.0
32.5°	520.6	554.0	591.0	620.3	645.5	719.5	782.7	828.2	836.4	814.7	759.2
35°	419.5	434.0	469.2	497.1	531.4	594.6	669.0	742.5	792.1	794.9	752.5
37.5°	346.0	353.7	384.3	400.1	420.4	475.9	545.4	641.5	718.6	755.2	733.5
40°	286.5	304.0	321.6	330.7	345.1	383.4	450.2	525.5	621.2	688.8	704.2
42.5°	248.6	256.2	267.5	280.1	289.2	322.5	367.2	436.2	522.4	616.7	659.1
45°	219.2	221.9	233.7	241.8	251.3	274.7	306.3	364.0	439.8	532.8	604.9
47.5°	194.9	200.3	206.6	211.6	217.9	235.9	263.0	305.0	371.7	454.7	532.3
50°	173.2	176.4	184.5	186.8	191.3	203.9	224.7	256.7	311.7	378.0	458.3
52.5°	152.9	158.8	161.9	165.1	169.2	179.5	193.1	219.2	260.7	323.0	391.1
55°	137.1	138.9	143.5	146.2	149.3	156.5	168.3	187.7	220.1	269.8	334.3
57.5°	121.8	121.8	126.3	128.6	131.7	137.1	147.5	162.4	185.9	222.8	281.9
60°	105.6	106.0	109.6	112.3	113.2	118.6	127.2	138.9	157.0	184.1	232.3
62.5°	91.1	93.4	95.2	96.1	99.2	102.4	109.6	117.7	130.4	154.3	188.6
65°	78.9	79.4	80.7	81.7	83.0	86.6	92.0	97.4	108.3	125.9	153.8
67.5°	65.0	66.8	68.6	68.6	69.9	71.7	77.1	81.7	89.8	100.1	119.1
70°	48.7	49.6	52.3	53.7	55.5	58.6	61.4	64.1	70.4	78.0	92.5
72.5°	40.6	40.6	41.5	42.0	42.0	44.2	48.3	51.0	54.1	59.5	69.5
75°	32.5	32.5	33.8	33.4	34.3	35.2	35.6	37.4	39.2	43.3	49.2
77.5°	25.7	26.2	26.2	26.6	26.6	27.1	27.5	28.4	29.3	31.6	34.3
80°	18.9	19.4	19.4	19.8	19.8	20.3	20.8	21.2	22.1	23.0	24.4
82.5°	13.1	13.5	13.5	14.0	13.5	14.0	14.4	14.4	14.9	15.8	16.2
85°	7.7	7.7	8.1	7.7	7.7	7.7	8.1	8.1	8.6	9.9	9.9
87.5°	2.3	2.7	2.3	2.7	2.7	2.7	2.7	3.2	3.2	3.6	4.1
90°	21.8	21.5	21.2	21.0	20.7	20.0	19.3	18.7	18.0	15.8	13.7
92.5°	33.0	33.3	33.6	33.8	33.5	33.0	32.5	32.0	31.5	30.5	29.5
95°	58.6	58.6	58.6	58.6	58.3	57.6	56.9	56.3	55.6	54.2	52.9
97.5°	84.4	84.6	84.7	84.8	84.4	83.6	82.7	81.9	81.1	80.1	79.1
100°	113.4	113.1	112.8	112.6	112.4	111.9	111.4	110.9	110.4	109.6	108.7
102.5°	145.2	145.4	145.5	145.6	145.4	144.9	144.4	143.9	143.4	142.2	141.0
105°	178.0	177.7	177.4	177.2	177.2	177.2	177.2	177.2	177.2	175.7	174.2
107.5°	213.6	213.7	213.9	214.0	213.7	213.2	212.7	212.2	211.7	211.0	210.4
110°	249.2	249.5	249.8	250.0	249.7	249.0	248.3	247.7	247.0	246.7	246.3

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	286.0	286.0	286.0	286.0	285.6	284.8	283.9	283.1	282.3	282.3	282.3
115°	320.2	320.3	320.5	320.6	320.5	320.3	320.2	320.0	319.8	320.1	320.5
117.5°	355.3	355.8	356.3	356.6	356.6	356.6	356.6	356.6	356.6	356.9	357.3
120°	391.8	392.1	392.4	392.6	392.7	392.9	393.0	393.2	393.4	394.2	395.0
122.5°	427.4	427.9	428.4	428.7	428.9	429.4	429.9	430.4	430.9	431.2	431.6
125°	463.0	463.7	464.4	464.7	465.0	465.7	466.4	467.0	467.7	468.0	468.4
127.5°	498.3	499.0	499.7	500.0	500.5	501.5	502.5	503.5	504.5	504.8	505.2
130°	533.9	535.0	536.2	536.8	537.1	537.8	538.5	539.1	539.8	540.3	540.8
132.5°	569.2	570.0	570.9	571.3	571.7	572.6	573.4	574.3	575.1	575.4	575.8
135°	605.8	606.1	606.4	606.6	606.9	607.6	608.3	608.9	609.6	609.8	609.9
137.5°	639.1	639.6	640.1	640.4	640.8	641.6	642.5	643.3	644.1	643.6	643.1
140°	672.7	673.9	675.0	675.6	675.7	675.9	676.0	676.2	676.4	676.2	676.0
142.5°	705.1	705.9	706.8	707.2	707.3	707.4	707.6	707.7	707.9	707.6	707.2
145°	736.3	737.0	737.7	738.0	738.1	738.2	738.4	738.5	738.7	738.2	737.7
147.5°	765.5	766.5	767.5	768.0	768.0	768.0	768.0	768.0	768.0	767.5	767.0
150°	792.5	793.5	794.5	795.0	795.0	795.0	795.0	795.0	795.0	794.7	794.3
152.5°	818.4	819.3	820.1	820.5	820.3	820.0	819.7	819.3	819.0	818.8	818.7
155°	842.4	843.6	844.7	845.3	845.0	844.3	843.6	843.0	842.3	842.1	842.0
157.5°	863.8	864.8	865.8	866.3	866.0	865.3	864.6	864.0	863.3	863.1	863.0
160°	884.1	884.8	885.5	885.8	885.4	884.6	883.7	882.9	882.1	882.1	882.1
162.5°	901.0	902.1	903.3	903.9	903.5	902.6	901.8	900.9	900.1	899.9	899.8
165°	916.0	917.1	918.3	918.9	918.4	917.4	916.4	915.4	914.4	914.4	914.4
167.5°	929.1	930.1	931.1	931.6	931.1	930.1	929.1	928.1	927.1	926.9	926.8
170°	939.3	940.4	941.6	942.2	941.6	940.4	939.3	938.1	936.9	936.9	936.9
172.5°	946.8	947.9	949.1	949.7	949.2	948.2	947.2	946.2	945.2	945.2	945.2
175°	952.0	953.2	954.3	954.9	954.4	953.4	952.4	951.4	950.4	950.4	950.4
177.5°	955.0	956.2	957.3	957.9	957.4	956.4	955.4	954.4	953.4	953.4	953.4
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	545.4	543.1	540.9	540.9	535.9	531.4	529.2	530.1	527.3	523.7	520.1
5°	569.3	560.3	558.5	553.5	546.7	537.3	532.3	527.8	522.4	515.2	508.4
7.5°	591.4	579.7	573.4	568.4	555.3	542.2	531.4	524.2	514.7	503.9	495.8
10°	620.3	598.6	591.9	580.6	562.1	543.6	531.0	519.2	506.1	493.5	482.7
12.5°	643.3	618.5	605.8	594.6	570.7	547.2	526.0	511.6	495.8	481.8	467.8
15°	669.4	641.5	619.4	605.8	575.6	547.2	523.3	503.0	485.4	468.3	456.1
17.5°	682.1	646.9	637.0	617.6	573.8	545.4	516.1	494.4	473.2	453.4	438.9
20°	701.9	660.9	636.1	623.0	584.2	542.2	507.9	483.1	461.0	439.8	424.5
22.5°	703.3	658.6	642.4	617.6	569.8	532.8	500.7	470.5	444.8	424.9	409.2
25°	700.1	654.6	632.0	612.2	572.5	527.3	486.3	456.5	431.3	408.3	389.8
27.5°	698.8	642.8	621.6	601.8	557.1	511.6	477.7	443.9	415.0	394.7	375.8
30°	697.0	630.2	604.5	581.5	540.4	499.4	458.8	429.5	401.9	376.2	357.3
32.5°	685.2	613.1	586.9	562.5	518.3	477.3	445.2	414.1	384.3	360.4	343.3
35°	681.6	597.3	563.0	536.8	493.5	457.0	423.1	397.4	369.5	345.5	325.2
37.5°	671.3	581.0	544.0	510.7	465.5	430.8	406.0	380.3	353.2	327.5	311.3
40°	653.2	562.1	520.1	485.8	439.4	404.2	381.2	362.2	335.6	312.6	292.8
42.5°	626.6	542.7	497.6	461.5	410.1	377.1	358.2	340.1	317.6	293.7	277.4
45°	595.9	517.0	475.0	434.9	382.5	350.5	330.7	319.8	299.1	278.8	259.8
47.5°	554.0	490.4	448.9	407.4	354.1	323.0	307.2	296.4	281.9	259.8	244.5
50°	501.2	456.1	416.8	379.8	326.2	296.4	280.6	272.5	260.3	244.5	229.6
52.5°	442.5	416.4	383.9	349.6	297.7	269.8	255.3	249.0	240.0	225.1	212.5
55°	383.4	372.2	350.1	316.2	268.0	245.0	232.3	224.2	217.4	206.6	195.8
57.5°	330.7	325.2	309.9	283.7	243.1	219.2	208.4	203.0	197.6	189.5	178.6
60°	276.1	281.9	266.2	253.1	216.1	195.3	185.9	180.0	177.3	170.1	163.3
62.5°	228.7	234.1	225.1	215.2	189.0	170.5	164.7	159.2	157.4	151.1	144.4
65°	185.9	192.6	185.9	180.4	164.7	149.3	142.1	139.4	137.6	133.5	128.1
67.5°	148.0	154.7	151.6	144.8	139.8	127.2	123.2	120.4	119.5	116.4	111.9
70°	111.4	120.9	121.8	117.7	113.2	107.4	104.7	103.8	101.5	98.8	96.1
72.5°	80.3	91.1	91.6	91.6	88.9	88.9	86.2	84.8	84.8	82.1	78.9
75°	59.1	66.3	67.2	68.1	69.5	70.8	69.0	69.0	68.6	65.9	64.5
77.5°	39.2	45.6	47.8	51.0	52.8	52.8	53.7	54.6	53.7	52.3	51.4
80°	25.3	29.8	32.5	34.3	37.0	38.3	39.7	40.1	39.2	38.8	37.4
82.5°	16.7	18.0	19.4	21.7	24.8	27.1	27.1	26.6	27.5	27.1	26.6
85°	9.5	10.4	10.8	11.3	13.1	15.3	15.8	16.2	17.1	16.2	15.3
87.5°	3.6	4.1	4.1	4.1	5.0	5.4	6.8	8.6	8.1	7.2	7.2
90°	11.5	9.4	8.3	7.5	5.8	4.1	2.5	0.8	2.5	4.1	5.8
92.5°	28.5	27.5	27.0	26.5	25.5	24.5	23.5	22.5	23.5	24.5	25.5
95°	51.5	50.2	49.5	48.9	47.8	46.6	45.5	44.3	45.5	46.6	47.8
97.5°	78.1	77.1	76.6	76.2	75.3	74.5	73.6	72.8	73.6	74.5	75.3
100°	107.9	107.0	106.6	106.1	105.1	104.1	103.1	102.1	103.1	104.1	105.1
102.5°	139.9	138.7	138.1	137.9	137.4	136.9	136.4	135.9	136.4	136.9	137.4
105°	172.7	171.2	170.4	170.2	169.9	169.6	169.2	168.9	169.2	169.6	169.9
107.5°	209.7	209.0	208.7	208.6	208.4	208.3	208.1	207.9	208.1	208.3	208.4
110°	246.0	245.7	245.5	245.3	245.0	244.7	244.3	244.0	244.3	244.7	245.0

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	282.3	282.3	282.3	282.2	282.0	281.9	281.7	281.5	281.7	281.9	282.0
115°	320.8	321.1	321.3	321.1	320.6	320.1	319.6	319.1	319.6	320.1	320.6
117.5°	357.6	357.9	358.1	358.0	357.8	357.7	357.5	357.3	357.5	357.7	357.8
120°	395.9	396.7	397.1	396.6	395.6	394.6	393.6	392.6	393.6	394.6	395.6
122.5°	431.9	432.2	432.4	432.1	431.4	430.7	430.1	429.4	430.1	430.7	431.4
125°	468.7	469.0	469.2	468.9	468.4	467.9	467.4	466.9	467.4	467.9	468.4
127.5°	505.5	505.8	506.0	505.5	504.5	503.5	502.5	501.5	502.5	503.5	504.5
130°	541.3	541.8	542.0	541.3	540.0	538.7	537.3	536.0	537.3	538.7	540.0
132.5°	576.1	576.4	576.6	575.9	574.6	573.2	571.9	570.5	571.9	573.2	574.6
135°	610.1	610.2	610.3	609.8	608.8	607.8	606.8	605.8	606.8	607.8	608.8
137.5°	642.6	642.1	641.9	641.5	640.6	639.8	638.9	638.1	638.9	639.8	640.6
140°	675.9	675.7	675.6	675.2	674.4	673.5	672.7	671.9	672.7	673.5	674.4
142.5°	706.9	706.6	706.4	706.0	705.2	704.3	703.5	702.7	703.5	704.3	705.2
145°	737.2	736.7	736.5	736.3	736.0	735.7	735.3	735.0	735.3	735.7	736.0
147.5°	766.5	766.0	765.7	765.4	764.7	764.0	763.4	762.7	763.4	764.0	764.7
150°	794.0	793.7	793.5	793.3	793.0	792.7	792.3	792.0	792.3	792.7	793.0
152.5°	818.5	818.4	818.3	818.0	817.5	817.0	816.5	816.0	816.5	817.0	817.5
155°	841.8	841.7	841.6	841.6	841.6	841.6	841.6	841.6	841.6	841.6	841.6
157.5°	862.8	862.7	862.6	862.7	862.8	863.0	863.1	863.3	863.1	863.0	862.8
160°	882.1	882.1	882.1	882.3	882.6	882.9	883.3	883.6	883.3	882.9	882.6
162.5°	899.6	899.5	899.4	899.6	900.1	900.6	901.1	901.6	901.1	900.6	900.1
165°	914.4	914.4	914.4	914.6	915.1	915.6	916.1	916.6	916.1	915.6	915.1
167.5°	926.6	926.5	926.4	926.7	927.4	928.1	928.7	929.4	928.7	928.1	927.4
170°	936.9	936.9	936.9	937.2	937.9	938.6	939.2	939.9	939.2	938.6	937.9
172.5°	945.2	945.2	945.2	945.5	946.2	946.9	947.5	948.2	947.5	946.9	946.2
175°	950.4	950.4	950.4	950.7	951.4	952.1	952.7	953.4	952.7	952.1	951.4
177.5°	953.4	953.4	953.4	953.7	954.4	955.1	955.7	956.4	955.7	955.1	954.4
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	520.1	517.9	517.0	514.7	509.3	505.7	501.6	498.9	499.4	497.1	498.5
5°	503.9	503.4	500.3	495.8	488.1	484.0	476.8	473.2	471.4	471.9	469.2
7.5°	490.4	486.3	484.0	476.8	469.6	461.0	455.2	452.0	449.3	446.6	444.8
10°	475.0	471.4	467.8	460.1	450.2	442.1	434.0	430.8	426.7	424.9	423.6
12.5°	458.8	456.5	452.0	443.0	431.7	424.0	414.6	412.8	407.4	403.7	402.8
15°	443.9	442.5	434.4	424.0	412.8	405.1	397.0	391.6	382.5	384.3	381.2
17.5°	428.1	422.2	417.3	403.3	397.9	386.1	376.7	374.0	367.7	363.6	359.5
20°	410.5	406.9	400.6	391.6	378.5	364.9	357.7	353.2	349.6	343.3	341.5
22.5°	393.8	389.3	383.9	372.2	360.9	349.6	339.7	335.6	331.1	326.6	323.9
25°	380.7	374.0	368.1	353.7	342.4	332.9	326.6	319.8	313.5	310.8	309.9
27.5°	360.4	356.4	350.5	337.0	326.6	316.2	310.4	305.9	299.1	295.9	293.2
30°	347.4	339.2	332.5	321.6	311.3	300.0	294.6	289.2	285.1	281.0	277.9
32.5°	329.8	323.4	318.0	307.2	296.8	286.5	280.6	272.5	270.2	267.1	263.4
35°	312.6	308.6	302.7	291.0	279.7	272.5	266.2	258.5	255.8	253.5	250.4
37.5°	296.4	290.5	286.5	275.2	265.3	256.7	251.7	245.4	243.6	240.9	238.6
40°	282.4	276.5	272.5	261.2	250.8	241.8	238.6	232.3	229.6	226.5	225.1
42.5°	266.6	261.6	256.2	248.1	237.3	228.3	221.9	218.3	214.7	213.4	210.7
45°	249.9	245.4	241.3	232.3	221.0	214.7	209.3	204.4	201.6	199.4	197.6
47.5°	235.5	231.4	226.0	216.1	207.1	201.2	195.8	190.8	188.1	185.4	183.2
50°	218.8	216.5	210.7	201.2	192.6	185.9	180.9	176.4	174.6	171.4	167.8
52.5°	203.9	199.8	194.9	187.2	179.5	171.4	164.7	161.9	158.8	157.0	153.8
55°	186.3	183.6	178.2	171.4	163.3	156.5	151.6	148.0	143.9	142.1	138.0
57.5°	171.4	166.5	163.8	155.2	147.5	140.7	137.1	133.5	129.0	126.3	124.5
60°	155.2	150.7	146.6	139.4	134.0	126.8	121.3	118.2	115.0	111.4	109.6
62.5°	139.4	135.8	130.8	125.0	118.2	112.3	108.3	103.8	102.0	98.3	97.0
65°	122.3	119.5	115.5	108.7	103.3	98.3	94.3	90.7	88.9	87.5	86.6
67.5°	106.9	103.3	100.6	94.7	88.9	84.8	82.6	80.3	78.0	76.7	75.3
70°	91.1	88.4	85.7	80.3	76.2	72.6	70.8	69.0	67.7	66.3	65.0
72.5°	74.9	73.5	70.8	67.2	64.1	61.4	60.0	57.7	56.4	54.1	53.2
75°	61.8	59.5	58.2	55.0	52.3	50.1	48.3	45.6	43.8	42.9	42.4
77.5°	48.7	47.8	46.0	43.3	42.0	39.7	37.0	36.1	35.2	35.2	34.7
80°	36.5	35.2	33.8	31.6	30.2	28.4	28.4	28.4	28.0	28.4	28.0
82.5°	24.8	23.9	23.0	21.7	21.2	21.2	21.7	21.7	21.7	21.7	21.7
85°	14.4	14.4	14.4	14.9	14.4	14.4	14.9	15.3	14.9	14.9	14.4
87.5°	6.8	6.8	7.2	7.2	7.7	7.7	7.7	7.7	7.7	7.7	8.1
90°	7.5	8.3	9.4	11.5	13.7	15.8	18.0	18.7	19.3	20.0	20.7
92.5°	26.5	27.0	27.5	28.5	29.5	30.5	31.5	32.0	32.5	33.0	33.5
95°	48.9	49.5	50.2	51.5	52.9	54.2	55.6	56.3	56.9	57.6	58.3
97.5°	76.2	76.6	77.1	78.1	79.1	80.1	81.1	81.9	82.7	83.6	84.4
100°	106.1	106.6	107.0	107.9	108.7	109.6	110.4	110.9	111.4	111.9	112.4
102.5°	137.9	138.1	138.7	139.9	141.0	142.2	143.4	143.9	144.4	144.9	145.4
105°	170.2	170.4	171.2	172.7	174.2	175.7	177.2	177.2	177.2	177.2	177.2
107.5°	208.6	208.7	209.0	209.7	210.4	211.0	211.7	212.2	212.7	213.2	213.7
110°	245.3	245.5	245.7	246.0	246.3	246.7	247.0	247.7	248.3	249.0	249.7

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	282.2	282.3	282.3	282.3	282.3	282.3	282.3	283.1	283.9	284.8	285.6
115°	321.1	321.3	321.1	320.8	320.5	320.1	319.8	320.0	320.2	320.3	320.5
117.5°	358.0	358.1	357.9	357.6	357.3	356.9	356.6	356.6	356.6	356.6	356.6
120°	396.6	397.1	396.7	395.9	395.0	394.2	393.4	393.2	393.0	392.9	392.7
122.5°	432.1	432.4	432.2	431.9	431.6	431.2	430.9	430.4	429.9	429.4	428.9
125°	468.9	469.2	469.0	468.7	468.4	468.0	467.7	467.0	466.4	465.7	465.0
127.5°	505.5	506.0	505.8	505.5	505.2	504.8	504.5	503.5	502.5	501.5	500.5
130°	541.3	542.0	541.8	541.3	540.8	540.3	539.8	539.1	538.5	537.8	537.1
132.5°	575.9	576.6	576.4	576.1	575.8	575.4	575.1	574.3	573.4	572.6	571.7
135°	609.8	610.3	610.2	610.1	609.9	609.8	609.6	608.9	608.3	607.6	606.9
137.5°	641.5	641.9	642.1	642.6	643.1	643.6	644.1	643.3	642.5	641.6	640.8
140°	675.2	675.6	675.7	675.9	676.0	676.2	676.4	676.2	676.0	675.9	675.7
142.5°	706.0	706.4	706.6	706.9	707.2	707.6	707.9	707.7	707.6	707.4	707.3
145°	736.3	736.5	736.7	737.2	737.7	738.2	738.7	738.5	738.4	738.2	738.1
147.5°	765.4	765.7	766.0	766.5	767.0	767.5	768.0	768.0	768.0	768.0	768.0
150°	793.3	793.5	793.7	794.0	794.3	794.7	795.0	795.0	795.0	795.0	795.0
152.5°	818.0	818.3	818.4	818.5	818.7	818.8	819.0	819.3	819.7	820.0	820.3
155°	841.6	841.6	841.7	841.8	842.0	842.1	842.3	843.0	843.6	844.3	845.0
157.5°	862.7	862.6	862.7	862.8	863.0	863.1	863.3	864.0	864.6	865.3	866.0
160°	882.3	882.1	882.1	882.1	882.1	882.1	882.1	882.9	883.7	884.6	885.4
162.5°	899.6	899.4	899.5	899.6	899.8	899.9	900.1	900.9	901.8	902.6	903.5
165°	914.6	914.4	914.4	914.4	914.4	914.4	914.4	915.4	916.4	917.4	918.4
167.5°	926.7	926.4	926.5	926.6	926.8	926.9	927.1	928.1	929.1	930.1	931.1
170°	937.2	936.9	936.9	936.9	936.9	936.9	936.9	938.1	939.3	940.4	941.6
172.5°	945.5	945.2	945.2	945.2	945.2	945.2	945.2	946.2	947.2	948.2	949.2
175°	950.7	950.4	950.4	950.4	950.4	950.4	950.4	951.4	952.4	953.4	954.4
177.5°	953.7	953.4	953.4	953.4	953.4	953.4	953.4	954.4	955.4	956.4	957.4
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.0	498.5	497.1	494.4	494.0	494.9	497.6	496.7	494.4	498.5	494.9
5°	470.5	468.3	467.3	468.3	465.5	464.2	466.9	465.5	466.9	467.3	468.7
7.5°	443.9	444.3	441.6	442.1	438.5	439.4	439.4	439.4	440.7	441.6	443.4
10°	420.9	421.8	418.6	419.1	416.4	414.6	415.9	418.6	418.6	418.6	419.5
12.5°	402.4	398.3	396.1	395.6	392.5	391.6	394.3	395.2	397.4	397.4	398.8
15°	379.4	378.5	376.7	376.7	369.0	370.8	371.7	374.9	379.4	375.8	376.7
17.5°	358.6	356.4	354.1	353.2	352.3	349.6	353.2	352.8	355.5	355.9	357.3
20°	340.1	338.3	333.8	334.3	335.2	331.1	333.4	333.4	336.1	338.8	341.9
22.5°	322.1	320.3	318.0	318.9	316.2	315.3	315.3	317.6	320.7	323.0	322.5
25°	308.1	305.0	303.6	302.2	300.9	301.8	300.4	302.7	305.0	306.3	305.0
27.5°	292.3	291.0	288.3	286.9	284.7	285.6	286.5	288.3	289.6	289.6	291.0
30°	277.0	275.2	274.3	272.9	272.9	271.1	271.6	273.4	274.7	276.1	277.9
32.5°	262.1	260.7	259.4	259.4	258.5	258.0	257.6	260.3	260.3	263.0	263.0
35°	249.9	247.7	247.7	245.4	246.3	245.9	245.0	246.8	247.2	249.0	248.6
37.5°	236.4	236.4	235.5	233.2	231.4	231.9	234.1	234.1	235.5	235.0	236.4
40°	222.8	221.9	221.9	220.6	220.1	219.7	220.1	220.6	222.8	222.4	222.8
42.5°	209.3	209.8	207.5	207.5	207.5	206.2	206.6	207.1	208.0	208.9	210.2
45°	196.2	195.3	194.9	194.0	193.1	193.5	193.1	194.9	194.4	195.3	196.7
47.5°	182.2	180.9	180.4	178.6	178.6	179.5	179.1	180.4	180.9	182.2	181.3
50°	168.7	166.9	165.6	166.0	163.3	164.2	164.2	165.6	166.9	167.4	168.3
52.5°	152.9	152.5	152.0	149.8	149.3	148.9	149.3	149.8	151.6	152.9	153.4
55°	137.6	137.1	134.4	133.5	132.2	132.2	133.1	133.5	136.7	137.1	138.9
57.5°	123.6	122.3	119.1	118.6	118.6	118.6	117.3	119.1	120.0	122.3	122.3
60°	108.3	108.3	105.6	105.6	106.0	105.6	105.6	106.0	106.0	107.8	108.7
62.5°	96.1	95.6	95.6	94.7	94.3	94.7	94.3	94.3	94.7	96.1	97.4
65°	85.3	84.8	84.4	83.9	83.0	83.0	83.5	84.4	84.4	85.3	85.7
67.5°	74.9	74.9	74.0	74.0	73.5	73.1	73.5	73.1	74.9	74.9	75.3
70°	64.5	64.1	62.7	62.3	60.9	61.4	61.4	62.7	63.2	64.1	65.0
72.5°	51.9	51.9	51.0	50.1	50.5	49.6	49.6	50.1	50.1	51.4	51.9
75°	42.9	42.0	41.5	42.0	41.5	42.4	41.5	41.5	42.4	42.4	42.4
77.5°	35.2	35.2	34.7	34.7	35.2	34.7	35.2	35.2	35.2	34.7	35.2
80°	28.9	28.4	28.4	28.4	28.0	28.0	28.0	28.0	28.0	28.0	28.0
82.5°	21.7	21.7	21.2	21.7	21.7	21.2	21.7	21.2	21.2	21.7	21.7
85°	14.4	15.3	14.4	14.4	14.9	14.9	15.3	14.9	15.3	14.4	14.9
87.5°	7.7	8.1	8.1	7.7	7.7	8.1	8.1	8.1	8.6	7.7	8.1
90°	21.0	21.2	21.5	21.8	22.2	22.5	22.2	21.8	21.5	21.2	21.0
92.5°	33.8	33.6	33.3	33.0	32.6	32.3	32.6	33.0	33.3	33.6	33.8
95°	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
97.5°	84.8	84.7	84.6	84.4	84.3	84.1	84.3	84.4	84.6	84.7	84.8
100°	112.6	112.8	113.1	113.4	113.8	114.1	113.8	113.4	113.1	112.8	112.6
102.5°	145.6	145.5	145.4	145.2	145.1	144.9	145.1	145.2	145.4	145.5	145.6
105°	177.2	177.4	177.7	178.0	178.4	178.7	178.4	178.0	177.7	177.4	177.2
107.5°	214.0	213.9	213.7	213.6	213.4	213.2	213.4	213.6	213.7	213.9	214.0
110°	250.0	249.8	249.5	249.2	248.8	248.5	248.8	249.2	249.5	249.8	250.0

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	286.0	286.0	286.0	286.0	286.0	286.0	286.0	286.0	286.0	286.0	286.0
115°	320.6	320.5	320.3	320.2	320.0	319.8	320.0	320.2	320.3	320.5	320.6
117.5°	356.6	356.3	355.8	355.3	354.8	354.3	354.8	355.3	355.8	356.3	356.6
120°	392.6	392.4	392.1	391.8	391.4	391.1	391.4	391.8	392.1	392.4	392.6
122.5°	428.7	428.4	427.9	427.4	426.9	426.4	426.9	427.4	427.9	428.4	428.7
125°	464.7	464.4	463.7	463.0	462.4	461.7	462.4	463.0	463.7	464.4	464.7
127.5°	500.0	499.7	499.0	498.3	497.7	497.0	497.7	498.3	499.0	499.7	500.0
130°	536.8	536.2	535.0	533.9	532.7	531.5	532.7	533.9	535.0	536.2	536.8
132.5°	571.3	570.9	570.0	569.2	568.3	567.5	568.3	569.2	570.0	570.9	571.3
135°	606.6	606.4	606.1	605.8	605.4	605.1	605.4	605.8	606.1	606.4	606.6
137.5°	640.4	640.1	639.6	639.1	638.6	638.1	638.6	639.1	639.6	640.1	640.4
140°	675.6	675.0	673.9	672.7	671.6	670.4	671.6	672.7	673.9	675.0	675.6
142.5°	707.2	706.8	705.9	705.1	704.2	703.4	704.2	705.1	705.9	706.8	707.2
145°	738.0	737.7	737.0	736.3	735.7	735.0	735.7	736.3	737.0	737.7	738.0
147.5°	768.0	767.5	766.5	765.5	764.5	763.5	764.5	765.5	766.5	767.5	768.0
150°	795.0	794.5	793.5	792.5	791.5	790.5	791.5	792.5	793.5	794.5	795.0
152.5°	820.5	820.1	819.3	818.4	817.6	816.8	817.6	818.4	819.3	820.1	820.5
155°	845.3	844.7	843.6	842.4	841.3	840.1	841.3	842.4	843.6	844.7	845.3
157.5°	866.3	865.8	864.8	863.8	862.8	861.8	862.8	863.8	864.8	865.8	866.3
160°	885.8	885.5	884.8	884.1	883.5	882.8	883.5	884.1	884.8	885.5	885.8
162.5°	903.9	903.3	902.1	901.0	899.8	898.6	899.8	901.0	902.1	903.3	903.9
165°	918.9	918.3	917.1	916.0	914.8	913.6	914.8	916.0	917.1	918.3	918.9
167.5°	931.6	931.1	930.1	929.1	928.1	927.1	928.1	929.1	930.1	931.1	931.6
170°	942.2	941.6	940.4	939.3	938.1	936.9	938.1	939.3	940.4	941.6	942.2
172.5°	949.7	949.1	947.9	946.8	945.6	944.4	945.6	946.8	947.9	949.1	949.7
175°	954.9	954.3	953.2	952.0	950.9	949.7	950.9	952.0	953.2	954.3	954.9
177.5°	957.9	957.3	956.2	955.0	953.9	952.7	953.9	955.0	956.2	957.3	957.9
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.5	500.3	498.5	494.9	498.5	500.7	503.0	506.6	508.4	508.4	511.1
5°	470.1	473.7	472.3	471.4	475.0	477.3	480.9	485.4	490.4	493.5	497.1
7.5°	444.8	447.0	449.3	449.3	452.9	457.9	463.3	468.7	475.0	479.5	482.2
10°	422.7	424.5	425.8	427.7	433.1	438.5	445.7	452.5	457.9	462.8	467.3
12.5°	401.5	404.2	407.4	408.7	412.8	419.5	426.3	434.4	443.0	448.0	452.5
15°	381.2	382.5	386.1	390.2	393.8	401.0	409.6	418.2	425.4	433.1	437.1
17.5°	360.4	360.9	370.4	368.1	379.8	386.6	391.1	399.2	411.0	417.3	423.6
20°	340.1	344.6	348.7	351.0	357.3	364.9	378.0	384.3	393.8	399.7	405.1
22.5°	324.3	331.1	331.1	336.5	339.7	346.9	356.4	368.6	378.9	383.0	390.7
25°	310.4	313.5	318.9	320.7	326.6	332.9	339.2	352.3	363.6	369.0	374.4
27.5°	292.3	296.4	303.6	303.6	311.3	318.0	325.7	334.3	345.5	353.2	359.1
30°	278.3	282.4	285.6	290.5	293.7	300.0	313.5	319.8	329.8	336.5	343.7
32.5°	265.3	268.4	271.1	276.5	280.1	287.4	294.6	305.9	314.4	320.7	328.4
35°	250.8	254.0	257.6	261.6	267.1	273.8	280.6	290.1	298.6	304.5	310.8
37.5°	237.3	239.5	245.0	247.7	252.2	258.5	267.1	277.0	284.7	289.2	295.5
40°	224.2	226.0	230.1	235.0	238.2	243.1	252.2	260.7	270.2	275.6	280.6
42.5°	210.2	212.5	216.1	221.0	226.0	231.4	236.4	246.3	254.9	259.4	264.8
45°	198.0	199.4	202.1	207.1	212.0	216.1	223.8	232.8	240.9	244.5	250.4
47.5°	183.6	185.0	189.0	191.3	196.7	202.1	209.8	218.8	226.0	229.6	235.0
50°	168.7	170.1	172.8	177.7	181.3	187.2	194.0	201.6	210.7	215.6	218.8
52.5°	154.3	157.0	159.2	163.3	167.8	173.7	180.0	187.2	194.9	199.8	203.5
55°	139.8	142.1	144.8	147.1	152.5	157.9	165.1	171.9	178.6	183.2	187.2
57.5°	123.6	126.8	129.5	134.0	138.0	142.6	150.7	156.1	164.2	167.4	171.0
60°	109.6	112.8	115.0	118.6	122.3	128.1	133.5	140.3	147.1	151.1	155.6
62.5°	97.9	99.2	100.6	104.2	107.8	113.2	118.6	125.4	132.6	134.9	138.5
65°	86.2	87.5	89.8	92.9	95.6	98.8	104.7	110.1	116.8	120.4	121.8
67.5°	76.2	77.6	78.0	80.3	82.6	86.2	89.3	94.7	101.0	103.3	106.0
70°	65.0	67.2	67.7	69.5	70.4	72.6	76.2	80.3	85.3	89.3	91.6
72.5°	51.9	55.0	55.9	58.6	60.0	62.3	65.0	68.1	71.3	73.1	74.9
75°	42.4	43.3	43.8	46.0	48.3	51.4	52.8	54.6	57.3	59.5	61.4
77.5°	35.2	35.6	36.1	36.1	36.5	38.3	41.1	43.3	45.1	46.0	47.4
80°	28.4	28.0	28.0	28.4	28.4	28.4	29.3	32.5	33.4	35.6	35.2
82.5°	22.1	21.2	21.7	21.2	21.2	21.2	21.2	21.7	21.7	23.0	23.9
85°	14.4	14.9	14.4	14.4	14.0	14.4	14.0	14.0	13.5	13.5	13.1
87.5°	7.7	8.1	7.7	7.7	7.2	7.7	7.2	7.2	6.8	6.8	5.9
90°	20.7	20.0	19.3	18.7	18.0	15.8	13.7	11.5	9.4	8.3	7.5
92.5°	33.5	33.0	32.5	32.0	31.5	30.5	29.5	28.5	27.5	27.0	26.5
95°	58.3	57.6	56.9	56.3	55.6	54.2	52.9	51.5	50.2	49.5	48.9
97.5°	84.4	83.6	82.7	81.9	81.1	80.1	79.1	78.1	77.1	76.6	76.2
100°	112.4	111.9	111.4	110.9	110.4	109.6	108.7	107.9	107.0	106.6	106.1
102.5°	145.4	144.9	144.4	143.9	143.4	142.2	141.0	139.9	138.7	138.1	137.9
105°	177.2	177.2	177.2	177.2	177.2	175.7	174.2	172.7	171.2	170.4	170.2
107.5°	213.7	213.2	212.7	212.2	211.7	211.0	210.4	209.7	209.0	208.7	208.6
110°	249.7	249.0	248.3	247.7	247.0	246.7	246.3	246.0	245.7	245.5	245.3

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	285.6	284.8	283.9	283.1	282.3	282.3	282.3	282.3	282.3	282.3	282.2
115°	320.5	320.3	320.2	320.0	319.8	320.1	320.5	320.8	321.1	321.3	321.1
117.5°	356.6	356.6	356.6	356.6	356.6	356.9	357.3	357.6	357.9	358.1	358.0
120°	392.7	392.9	393.0	393.2	393.4	394.2	395.0	395.9	396.7	397.1	396.6
122.5°	428.9	429.4	429.9	430.4	430.9	431.2	431.6	431.9	432.2	432.4	432.1
125°	465.0	465.7	466.4	467.0	467.7	468.0	468.4	468.7	469.0	469.2	468.9
127.5°	500.5	501.5	502.5	503.5	504.5	504.8	505.2	505.5	505.8	506.0	505.5
130°	537.1	537.8	538.5	539.1	539.8	540.3	540.8	541.3	541.8	542.0	541.3
132.5°	571.7	572.6	573.4	574.3	575.1	575.4	575.8	576.1	576.4	576.6	575.9
135°	606.9	607.6	608.3	608.9	609.6	609.8	609.9	610.1	610.2	610.3	609.8
137.5°	640.8	641.6	642.5	643.3	644.1	643.6	643.1	642.6	642.1	641.9	641.5
140°	675.7	675.9	676.0	676.2	676.4	676.2	676.0	675.9	675.7	675.6	675.2
142.5°	707.3	707.4	707.6	707.7	707.9	707.6	707.2	706.9	706.6	706.4	706.0
145°	738.1	738.2	738.4	738.5	738.7	738.2	737.7	737.2	736.7	736.5	736.3
147.5°	768.0	768.0	768.0	768.0	768.0	767.5	767.0	766.5	766.0	765.7	765.4
150°	795.0	795.0	795.0	795.0	795.0	794.7	794.3	794.0	793.7	793.5	793.3
152.5°	820.3	820.0	819.7	819.3	819.0	818.8	818.7	818.5	818.4	818.3	818.0
155°	845.0	844.3	843.6	843.0	842.3	842.1	842.0	841.8	841.7	841.6	841.6
157.5°	866.0	865.3	864.6	864.0	863.3	863.1	863.0	862.8	862.7	862.6	862.7
160°	885.4	884.6	883.7	882.9	882.1	882.1	882.1	882.1	882.1	882.1	882.3
162.5°	903.5	902.6	901.8	900.9	900.1	899.9	899.8	899.6	899.5	899.4	899.6
165°	918.4	917.4	916.4	915.4	914.4	914.4	914.4	914.4	914.4	914.4	914.6
167.5°	931.1	930.1	929.1	928.1	927.1	926.9	926.8	926.6	926.5	926.4	926.7
170°	941.6	940.4	939.3	938.1	936.9	936.9	936.9	936.9	936.9	936.9	937.2
172.5°	949.2	948.2	947.2	946.2	945.2	945.2	945.2	945.2	945.2	945.2	945.5
175°	954.4	953.4	952.4	951.4	950.4	950.4	950.4	950.4	950.4	950.4	950.7
177.5°	957.4	956.4	955.4	954.4	953.4	953.4	953.4	953.4	953.4	953.4	953.7
180°	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7	955.7

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	526.9	526.9	526.9	526.9
2.5°	513.4	516.5	522.8	528.2
5°	502.5	507.5	517.0	526.4
7.5°	489.5	497.1	509.3	522.4
10°	476.8	486.7	501.6	517.0
12.5°	464.2	474.6	490.4	510.2
15°	449.3	460.1	479.1	503.0
17.5°	436.2	450.7	467.8	491.7
20°	422.2	433.1	455.2	480.4
22.5°	404.6	422.7	443.4	470.1
25°	390.7	406.4	427.2	457.4
27.5°	373.5	392.0	417.3	443.9
30°	359.5	374.9	398.3	430.4
32.5°	343.3	361.3	385.7	417.3
35°	328.9	344.2	367.2	399.2
37.5°	311.7	328.4	354.1	382.5
40°	296.8	313.1	337.4	364.0
42.5°	278.8	295.9	320.3	342.8
45°	264.4	280.1	299.5	320.3
47.5°	246.8	263.4	282.4	296.8
50°	231.0	246.3	261.2	273.4
52.5°	213.8	227.8	241.3	250.4
55°	198.0	208.9	219.7	226.0
57.5°	179.5	189.9	198.9	202.5
60°	163.3	171.9	177.7	181.8
62.5°	146.2	152.5	157.0	159.2
65°	129.5	134.0	136.2	138.5
67.5°	112.3	116.4	117.7	120.4
70°	94.3	98.8	99.7	101.0
72.5°	80.7	80.7	82.6	84.4
75°	64.5	65.4	66.3	66.3
77.5°	50.5	50.5	51.4	51.9
80°	37.0	37.4	37.4	37.0
82.5°	25.3	26.2	25.3	24.8
85°	14.0	15.8	14.9	14.9
87.5°	5.9	5.9	6.8	5.9
90°	5.8	4.1	2.5	0.8
92.5°	25.5	24.5	23.5	22.5
95°	47.8	46.6	45.5	44.3
97.5°	75.3	74.5	73.6	72.8
100°	105.1	104.1	103.1	102.1
102.5°	137.4	136.9	136.4	135.9
105°	169.9	169.6	169.2	168.9
107.5°	208.4	208.3	208.1	207.9
110°	245.0	244.7	244.3	244.0

TEST NUMBER: P1032265

CATALOG NUMBER: S123RDIW-B340D755UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	282.0	281.9	281.7	281.5
115°	320.6	320.1	319.6	319.1
117.5°	357.8	357.7	357.5	357.3
120°	395.6	394.6	393.6	392.6
122.5°	431.4	430.7	430.1	429.4
125°	468.4	467.9	467.4	466.9
127.5°	504.5	503.5	502.5	501.5
130°	540.0	538.7	537.3	536.0
132.5°	574.6	573.2	571.9	570.5
135°	608.8	607.8	606.8	605.8
137.5°	640.6	639.8	638.9	638.1
140°	674.4	673.5	672.7	671.9
142.5°	705.2	704.3	703.5	702.7
145°	736.0	735.7	735.3	735.0
147.5°	764.7	764.0	763.4	762.7
150°	793.0	792.7	792.3	792.0
152.5°	817.5	817.0	816.5	816.0
155°	841.6	841.6	841.6	841.6
157.5°	862.8	863.0	863.1	863.3
160°	882.6	882.9	883.3	883.6
162.5°	900.1	900.6	901.1	901.6
165°	915.1	915.6	916.1	916.6
167.5°	927.4	928.1	928.7	929.4
170°	937.9	938.6	939.2	939.9
172.5°	946.2	946.9	947.5	948.2
175°	951.4	952.1	952.7	953.4
177.5°	954.4	955.1	955.7	956.4
180°	955.7	955.7	955.7	955.7

(END OF REPORT)