

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: P1035937

Luminaire Tested: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035937
REPORT IS A COMBINATION OF REPORTS P1006518 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B375D470UB35-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

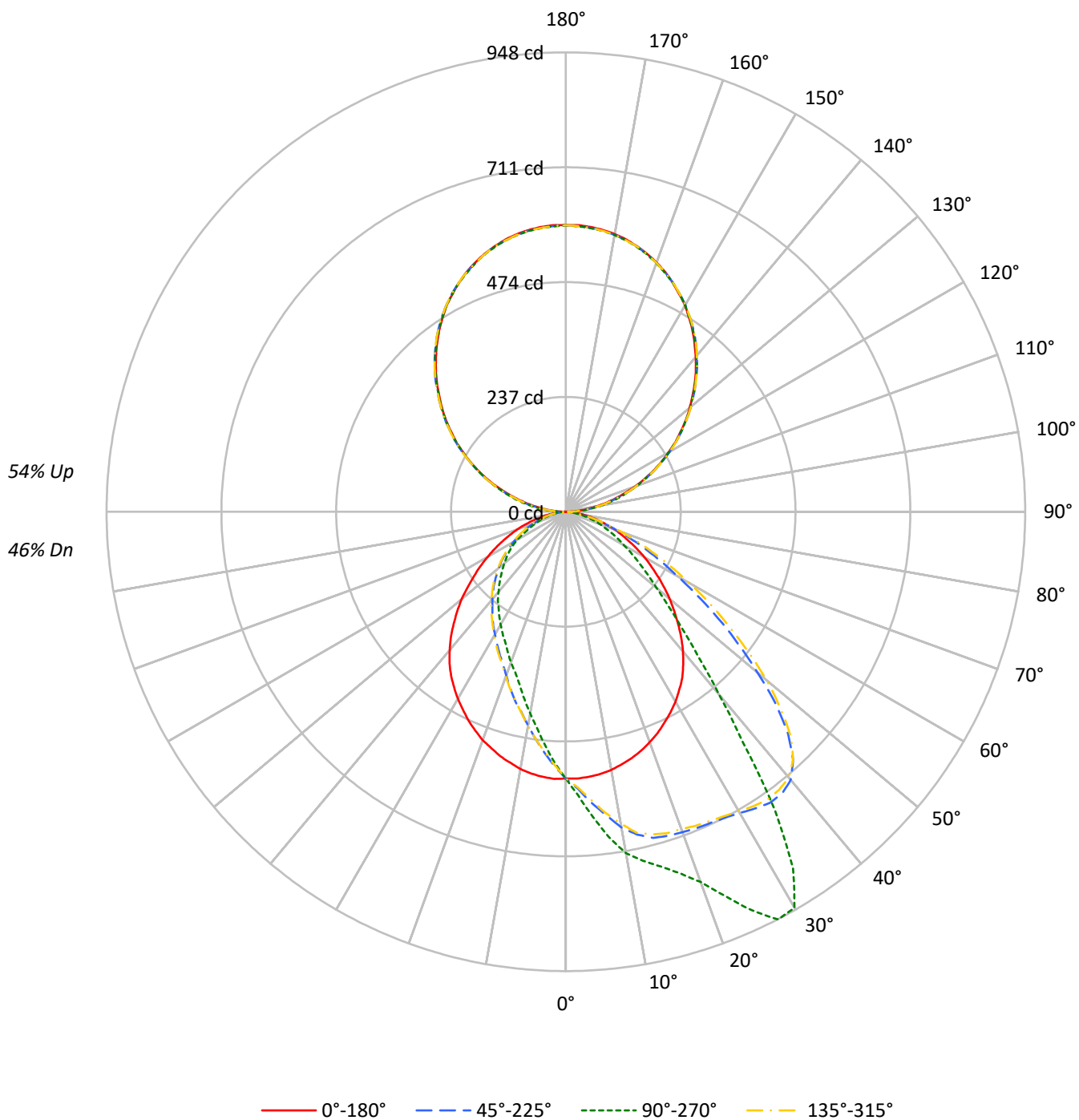
Lumens per Lamp: N/A
Luminaire Lumens: 3077.0 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 26.2
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	106	106	106	106	98	98	98	98	81	81	81	66	66	66	53	53	53
1	97	93	90	86	89	86	83	80	72	70	68	59	58	56	47	46	45
2	89	82	76	71	82	75	70	66	63	60	57	52	50	47	42	40	39
3	81	72	65	59	74	67	61	56	56	52	48	47	43	41	38	35	33
4	75	64	56	51	68	59	53	47	50	45	41	42	38	35	34	31	29
5	68	57	49	43	63	53	46	41	45	40	36	37	34	30	30	28	25
6	63	51	43	38	58	48	41	35	41	35	31	34	30	27	28	25	22
7	58	46	39	33	54	43	36	31	37	31	27	31	27	24	25	22	20
8	54	42	35	29	50	39	32	28	34	28	24	28	24	21	23	20	18
9	50	38	31	26	46	36	29	25	31	25	22	26	22	19	21	18	16
10	47	35	28	23	43	33	26	22	28	23	20	24	20	17	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3526	3526	3526	3526
5°	3524	3974	3524	3055
10°	3504	4467	3492	2641
15°	3466	4725	3442	2299
20°	3420	5101	3389	2078
25°	3360	5774	3322	1886
30°	3299	6137	3250	1749
35°	3220	5047	3175	1621
40°	3080	3428	3054	1506
45°	2896	2464	2892	1392
50°	2707	1895	2721	1287
55°	2496	1540	2490	1186
60°	2298	1263	2287	1053
65°	2068	1052	2081	848
70°	1877	845	1869	707
75°	1585	640	1585	581
80°	1286	391	1270	391
85°	903	205	880	231

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5020 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	1.7
10°-20°	154.7	5.0
20°-30°	245.4	8.0
30°-40°	296.5	9.6
40°-50°	264.0	8.6
50°-60°	202.4	6.6
60°-70°	131.5	4.3
70°-80°	63.8	2.1
80°-90°	15.9	0.5
90°-100°	39.3	1.3
100°-110°	116.8	3.8
110°-120°	198.1	6.4
120°-130°	260.8	8.5
130°-140°	292.2	9.5
140°-150°	286.4	9.3
150°-160°	240.6	7.8
160°-170°	159.9	5.2
170°-180°	56.0	1.8
0°-30°	452.9	14.7
0°-40°	749.4	24.4
0°-60°	1215.7	39.5
0°-90°	1426.9	46.4
90°-120°	354.2	11.5
90°-150°	1193.6	38.8
90°-180°	1650.0	53.6
0°-180°	3077.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	550	550	550	550	550	
5°	549	631	549	485	549	52
15°	526	758	522	369	526	148
25°	481	907	475	296	481	222
35°	419	753	413	242	419	261
45°	328	337	327	190	328	253
55°	231	185	231	142	231	207
65°	144	105	145	84	144	144
75°	70	49	70	44	70	75
85°	16	10	15	12	16	18
90°	0	11	0	11	0	3
95°	30	40	30	40	30	31
105°	105	114	105	114	105	112
115°	198	200	198	200	198	196
125°	289	291	289	291	289	259
135°	376	378	376	378	376	290
145°	456	458	456	458	456	285
155°	522	522	522	522	522	240
165°	567	566	567	566	567	160
175°	590	588	590	588	590	56
180°	591	591	591	591	591	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	550.9	555.4	556.7	560.4	564.4	565.3	567.6	570.7	572.6	572.1	572.1
5°	549.1	556.7	562.2	568.5	576.2	579.3	582.0	588.8	594.2	597.4	602.8
7.5°	545.9	557.2	566.2	575.7	587.5	592.9	598.8	608.3	618.2	624.5	630.4
10°	540.9	555.4	568.0	582.0	597.9	606.0	613.2	627.7	639.9	648.0	661.6
12.5°	533.7	551.8	569.4	587.9	607.8	616.4	626.3	642.1	659.3	671.1	682.4
15°	526.0	547.7	566.7	588.8	612.8	625.9	638.5	655.3	670.6	683.7	696.8
17.5°	517.0	540.0	563.5	588.8	615.9	629.0	639.9	659.8	676.0	689.1	700.9
20°	506.1	531.9	558.5	586.6	614.1	626.3	636.7	658.4	672.9	686.9	703.6
22.5°	494.4	522.4	550.9	578.4	605.5	618.6	630.8	649.8	665.6	684.6	706.3
25°	480.8	511.5	540.5	568.0	593.8	606.0	616.8	637.6	659.8	683.7	708.1
27.5°	467.3	497.1	525.1	550.4	578.4	589.7	600.6	626.8	653.0	678.3	711.7
30°	452.3	482.6	507.0	530.5	557.6	569.4	582.9	612.8	642.6	676.9	717.6
32.5°	435.6	463.2	485.8	510.2	534.6	549.1	566.2	598.8	633.1	674.2	726.2
35°	418.9	441.1	461.8	484.9	514.3	529.6	546.3	580.7	623.6	672.9	733.4
37.5°	397.7	418.9	435.2	458.7	489.0	507.0	523.7	563.5	612.3	669.7	733.0
40°	376.0	394.1	409.4	433.8	466.8	483.5	501.6	545.0	600.6	660.7	722.1
42.5°	352.5	367.8	384.6	408.1	440.1	456.4	477.2	527.8	584.3	648.0	694.1
45°	327.6	342.5	356.5	380.9	413.0	430.7	453.3	505.2	564.4	621.4	648.9
47.5°	303.2	316.3	331.2	352.5	385.0	404.4	427.5	483.1	537.8	585.7	587.9
50°	279.7	290.1	302.8	324.5	358.4	376.9	400.8	452.8	506.1	539.1	517.0
52.5°	255.3	264.8	277.9	296.9	328.5	350.2	371.0	423.0	467.7	489.9	449.2
55°	231.4	239.5	253.1	274.3	301.9	318.6	339.8	388.2	427.5	427.9	383.7
57.5°	207.9	215.1	226.4	245.4	271.1	290.6	310.0	352.0	378.7	371.0	321.8
60°	187.1	191.6	202.0	220.5	244.5	258.5	279.3	314.5	332.1	318.1	265.3
62.5°	165.4	169.9	178.0	193.0	215.6	230.5	243.6	272.5	284.7	263.5	220.1
65°	143.7	149.1	155.0	166.7	188.0	197.9	209.7	230.9	242.7	217.8	180.3
67.5°	124.7	127.4	133.3	145.5	160.4	169.5	177.6	192.1	194.3	174.4	143.7
70°	107.1	108.0	113.4	120.7	132.0	137.4	144.2	152.7	152.7	136.5	112.1
72.5°	87.2	88.6	92.6	100.3	107.1	109.8	112.1	117.5	116.6	101.7	85.0
75°	70.0	70.9	74.1	77.7	80.4	85.4	87.2	86.3	85.9	73.2	63.7
77.5°	54.2	54.7	56.9	60.1	60.6	62.4	61.0	61.0	56.9	49.7	44.7
80°	39.8	40.2	41.1	42.0	42.0	42.0	42.0	39.8	37.1	32.5	31.2
82.5°	26.7	26.7	27.1	28.0	27.6	26.7	25.8	23.5	21.7	20.3	19.4
85°	15.8	15.8	16.3	15.8	14.0	13.6	12.7	12.2	11.7	11.3	11.3
87.5°	7.7	7.2	6.3	5.4	5.4	5.4	5.4	5.4	5.4	5.0	5.0
90°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.7	7.4
92.5°	13.8	14.3	14.8	15.3	15.8	16.1	16.6	17.5	18.4	19.3	20.2
95°	29.9	30.1	30.3	30.5	30.7	30.8	31.3	32.3	33.4	34.4	35.4
97.5°	46.0	46.1	46.2	46.3	46.4	46.5	47.2	48.6	50.1	51.5	52.9
100°	64.4	64.4	64.4	64.4	64.4	64.4	65.1	66.4	67.7	69.1	70.4
102.5°	84.2	84.7	85.2	85.7	86.2	86.5	86.8	87.3	87.8	88.3	88.8
105°	104.9	105.4	105.9	106.4	106.9	107.2	107.5	108.1	108.8	109.4	110.0
107.5°	127.4	127.9	128.4	128.9	129.4	129.7	130.0	130.5	131.0	131.5	132.0
110°	150.9	151.4	151.9	152.4	152.9	153.2	153.4	153.7	154.0	154.3	154.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	174.8	175.0	175.2	175.5	175.7	175.8	176.0	176.4	176.8	177.2	177.6
115°	198.3	198.7	199.1	199.5	199.9	200.1	200.2	200.4	200.7	200.9	201.1
117.5°	222.2	222.3	222.4	222.5	222.6	222.7	222.8	223.0	223.2	223.4	223.6
120°	244.3	244.8	245.3	245.8	246.3	246.6	246.7	246.8	246.9	247.0	247.1
122.5°	268.2	268.3	268.4	268.5	268.6	268.7	268.9	269.2	269.5	269.8	270.1
125°	289.4	290.0	290.6	291.3	291.9	292.2	292.2	292.3	292.4	292.5	292.6
127.5°	312.9	313.2	313.5	313.8	314.1	314.2	314.3	314.4	314.5	314.6	314.7
130°	333.6	334.1	334.6	335.1	335.6	335.9	336.0	336.2	336.4	336.6	336.8
132.5°	354.3	355.2	356.1	357.0	357.9	358.4	358.4	358.3	358.2	358.1	358.0
135°	376.4	377.0	377.6	378.2	378.8	379.1	379.2	379.3	379.4	379.5	379.6
137.5°	397.1	397.7	398.3	398.9	399.5	399.8	399.9	400.1	400.3	400.5	400.7
140°	416.9	417.4	417.9	418.4	418.9	419.2	419.3	419.6	419.9	420.2	420.5
142.5°	436.6	437.0	437.4	437.9	438.3	438.5	438.7	439.1	439.5	439.9	440.3
145°	456.0	456.4	456.8	457.2	457.6	457.8	458.0	458.3	458.6	458.9	459.2
147.5°	473.9	474.2	474.5	474.8	475.1	475.3	475.4	475.6	475.8	476.0	476.2
150°	491.8	491.7	491.6	491.5	491.4	491.4	491.6	492.0	492.4	492.8	493.2
152.5°	506.6	506.8	507.0	507.2	507.4	507.5	507.6	507.7	507.8	507.9	508.0
155°	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.9	522.0	522.1	522.2
157.5°	535.6	535.4	535.2	534.9	534.7	534.6	534.7	534.8	534.9	535.0	535.1
160°	547.5	547.2	546.9	546.6	546.3	546.1	546.2	546.3	546.4	546.5	546.6
162.5°	558.1	557.9	557.7	557.5	557.3	557.2	557.2	557.2	557.2	557.2	557.2
165°	567.3	567.1	566.9	566.7	566.5	566.4	566.4	566.5	566.6	566.7	566.8
167.5°	575.6	575.2	574.8	574.3	573.9	573.7	573.7	573.7	573.7	573.7	573.7
170°	582.0	581.6	581.2	580.8	580.4	580.2	580.2	580.2	580.2	580.2	580.2
172.5°	586.6	586.2	585.8	585.4	585.0	584.8	584.8	584.8	584.8	584.8	584.8
175°	589.9	589.5	589.1	588.6	588.2	588.0	588.0	588.0	588.0	588.0	588.0
177.5°	592.2	591.8	591.4	590.9	590.5	590.3	590.3	590.2	590.1	590.0	589.9
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	574.4	577.5	580.2	578.9	584.3	583.9	584.8	586.6	587.0	586.1	584.3
5°	605.5	610.1	617.7	621.8	620.9	624.5	626.3	629.0	631.8	630.8	630.8
7.5°	640.3	646.7	654.3	664.7	666.1	669.3	674.7	674.7	677.8	676.5	676.0
10°	670.6	678.3	690.5	698.6	702.2	704.1	709.5	711.3	714.9	715.4	715.4
12.5°	695.5	709.0	717.2	725.3	727.1	729.8	733.9	736.6	737.9	737.9	736.6
15°	708.6	719.4	728.9	737.5	742.5	744.7	748.8	752.0	753.8	757.8	758.7
17.5°	714.0	727.1	742.5	754.7	763.3	765.5	773.6	776.4	780.0	781.8	784.0
20°	721.7	740.7	759.2	774.1	782.2	788.1	796.7	809.3	813.0	813.0	811.6
22.5°	728.5	752.9	778.2	802.1	808.9	820.6	836.5	850.0	855.4	857.7	855.9
25°	736.6	770.0	803.0	832.8	851.4	860.0	881.2	897.5	903.8	907.4	908.3
27.5°	750.6	792.6	834.7	872.6	891.6	901.5	923.7	937.7	945.4	948.5	946.3
30°	766.4	817.9	866.7	900.6	913.3	925.5	939.9	945.4	943.6	943.6	950.3
32.5°	782.7	836.0	879.4	901.5	906.1	904.2	898.4	882.1	872.6	872.6	878.5
35°	791.7	837.8	860.0	852.7	835.1	824.7	792.6	774.6	754.2	752.9	759.6
37.5°	786.8	806.6	797.6	750.1	726.2	706.3	656.2	636.3	621.4	600.6	632.7
40°	752.0	745.2	698.2	629.9	603.3	575.3	535.5	515.6	494.8	491.7	499.3
42.5°	693.2	653.0	584.3	518.3	491.2	471.3	441.1	421.6	408.5	403.1	412.1
45°	620.0	556.7	488.0	435.6	405.8	395.4	367.8	350.7	340.7	336.7	343.0
47.5°	530.5	466.8	401.7	357.5	339.8	329.4	310.9	296.0	287.4	284.7	287.4
50°	450.5	385.0	330.3	301.9	286.1	277.5	262.1	252.6	245.8	244.0	248.5
52.5°	381.4	321.8	280.2	254.9	244.5	237.2	226.4	218.3	214.2	212.4	215.6
55°	319.5	271.1	237.7	216.0	208.3	203.8	194.3	189.8	185.3	184.8	188.0
57.5°	264.8	231.4	200.6	185.3	183.0	176.2	168.1	164.0	161.8	161.3	162.7
60°	220.5	190.7	172.2	158.6	155.5	150.0	145.5	142.8	140.1	139.2	140.1
62.5°	183.5	160.0	145.1	136.0	131.5	130.1	125.2	122.0	121.6	121.6	122.5
65°	151.4	131.5	122.0	114.8	111.6	110.3	106.6	104.4	104.8	104.8	105.3
67.5°	123.4	108.9	100.3	96.7	94.0	93.5	89.9	89.0	88.1	88.1	89.0
70°	98.1	89.0	82.7	80.9	80.4	77.3	75.9	75.5	74.1	74.6	74.6
72.5°	76.8	70.9	67.3	64.6	65.1	63.3	61.5	61.5	60.6	61.9	61.9
75°	56.9	54.2	51.5	50.6	51.5	50.6	49.3	48.8	49.3	48.8	48.8
77.5°	42.0	40.7	39.8	39.3	39.3	37.5	36.6	37.5	35.7	36.6	36.6
80°	29.4	27.6	27.1	26.2	26.7	25.3	25.8	24.9	24.9	24.9	24.9
82.5°	18.5	18.1	18.1	18.1	17.6	17.6	17.6	17.6	17.6	17.6	17.2
85°	11.3	10.8	10.8	10.8	10.4	10.4	10.4	10.4	10.4	10.4	10.4
87.5°	4.5	5.0	5.0	5.4	5.0	4.5	4.5	4.5	5.0	5.0	4.5
90°	7.9	8.4	8.9	9.4	9.7	9.8	10.1	10.4	10.7	11.0	10.7
92.5°	20.9	21.7	22.4	23.1	23.5	23.6	23.8	24.0	24.2	24.4	24.2
95°	36.1	36.8	37.5	38.2	38.6	38.7	38.9	39.2	39.4	39.6	39.4
97.5°	53.5	54.1	54.8	55.4	55.7	55.7	55.8	55.9	56.0	56.1	56.0
100°	71.3	72.2	73.1	74.0	74.5	74.6	74.8	75.1	75.3	75.5	75.3
102.5°	89.8	90.8	91.9	92.9	93.4	93.6	93.9	94.2	94.5	94.8	94.5
105°	110.6	111.2	111.8	112.4	112.7	112.9	113.2	113.5	113.8	114.1	113.8
107.5°	132.3	132.6	132.9	133.2	133.4	133.4	133.4	133.4	133.4	133.4	133.4
110°	154.9	155.2	155.5	155.8	156.0	155.9	155.8	155.7	155.6	155.5	155.6

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	177.7	177.8	177.9	178.0	178.1	178.0	177.8	177.5	177.3	177.1	177.3
115°	201.0	200.9	200.8	200.7	200.6	200.5	200.4	200.3	200.2	200.1	200.2
117.5°	223.7	223.8	223.9	224.0	224.1	223.9	223.5	223.0	222.6	222.2	222.6
120°	247.1	247.1	247.1	247.1	247.1	246.9	246.5	246.0	245.6	245.2	245.6
122.5°	270.0	269.9	269.8	269.7	269.6	269.4	269.1	268.8	268.5	268.2	268.5
125°	292.4	292.2	292.0	291.8	291.7	291.6	291.5	291.4	291.3	291.2	291.3
127.5°	314.6	314.5	314.4	314.3	314.2	314.1	313.9	313.7	313.5	313.3	313.5
130°	336.7	336.6	336.5	336.4	336.3	336.2	336.0	335.8	335.6	335.4	335.6
132.5°	357.9	357.8	357.7	357.6	357.5	357.3	357.0	356.7	356.4	356.1	356.4
135°	379.6	379.6	379.6	379.6	379.6	379.4	379.0	378.5	378.1	377.7	378.1
137.5°	400.8	400.9	401.0	401.1	401.2	400.9	400.4	399.9	399.4	398.9	399.4
140°	420.7	420.9	421.2	421.4	421.5	421.2	420.7	420.2	419.7	419.2	419.7
142.5°	440.4	440.5	440.6	440.7	440.8	440.5	440.0	439.5	439.0	438.5	439.0
145°	459.2	459.2	459.2	459.2	459.2	459.0	458.7	458.4	458.1	457.8	458.1
147.5°	476.5	476.8	477.1	477.4	477.6	477.2	476.4	475.5	474.7	473.9	474.7
150°	493.2	493.2	493.2	493.2	493.2	493.1	492.9	492.7	492.5	492.3	492.5
152.5°	508.3	508.6	508.9	509.2	509.3	509.1	508.7	508.3	507.9	507.5	507.9
155°	522.6	523.0	523.5	523.9	524.1	523.8	523.3	522.8	522.3	521.8	522.3
157.5°	535.5	535.9	536.3	536.7	536.9	536.5	535.8	535.1	534.4	533.7	534.4
160°	547.0	547.4	547.8	548.2	548.4	548.1	547.6	547.1	546.6	546.1	546.6
162.5°	557.7	558.2	558.7	559.2	559.5	559.2	558.6	557.9	557.3	556.7	557.3
165°	567.2	567.6	568.1	568.5	568.7	568.4	567.8	567.1	566.5	565.9	566.5
167.5°	574.3	574.9	575.6	576.2	576.5	576.2	575.6	574.9	574.3	573.7	574.3
170°	580.8	581.4	582.0	582.6	582.9	582.5	581.8	581.1	580.4	579.7	580.4
172.5°	585.4	586.0	586.7	587.3	587.6	587.3	586.7	586.0	585.4	584.8	585.4
175°	588.6	589.2	589.9	590.5	590.8	590.4	589.7	589.0	588.3	587.6	588.3
177.5°	590.5	591.1	591.7	592.3	592.6	592.2	591.5	590.8	590.1	589.4	590.1
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	586.6	583.4	584.8	583.4	582.0	580.7	577.5	573.0	569.4	566.7	566.2
5°	631.8	627.7	625.0	623.6	620.9	617.3	611.4	604.6	596.5	593.3	587.0
7.5°	673.3	672.0	665.6	664.7	662.9	656.2	646.2	637.2	626.8	618.2	610.1
10°	712.6	709.5	705.0	698.6	697.7	689.1	679.7	667.0	653.4	645.3	630.8
12.5°	737.0	733.4	728.5	724.4	722.1	716.7	703.6	691.0	678.7	663.8	651.2
15°	754.7	750.1	741.1	737.9	735.2	728.0	718.5	705.4	689.1	678.7	660.7
17.5°	778.6	773.2	764.2	758.3	753.3	742.0	728.5	710.8	695.5	683.7	667.5
20°	806.2	798.0	786.3	778.6	771.4	758.3	739.3	718.5	696.4	681.9	665.2
22.5°	851.8	836.5	817.9	807.1	797.1	774.6	752.0	726.2	701.3	679.7	659.3
25°	896.1	880.7	857.7	842.8	827.4	801.2	771.4	735.7	704.1	678.7	652.1
27.5°	937.2	921.4	900.2	882.1	867.2	827.9	788.6	748.3	708.1	673.3	646.2
30°	946.7	939.9	923.7	907.9	894.3	858.2	812.5	761.4	713.1	668.4	638.1
32.5°	889.3	906.1	910.1	907.9	899.3	873.5	831.5	777.7	720.3	666.1	624.5
35°	770.0	800.3	831.5	848.2	856.3	860.0	835.1	785.8	725.3	662.5	615.5
37.5°	638.5	667.9	717.2	742.0	769.6	805.7	815.7	784.0	723.0	659.8	601.0
40°	524.7	562.2	602.8	625.4	649.4	714.4	763.7	760.1	715.8	649.8	589.7
42.5°	427.0	450.5	486.2	511.1	540.5	613.2	679.2	711.7	694.1	637.6	575.3
45°	356.1	374.2	399.5	424.8	442.9	508.8	587.0	640.3	657.1	615.9	553.1
47.5°	300.1	313.6	335.8	351.6	371.0	423.0	490.8	565.8	601.0	585.2	529.6
50°	257.1	268.0	285.6	295.5	312.7	357.5	409.0	487.6	540.9	542.7	498.4
52.5°	219.6	230.5	245.4	254.0	264.4	294.6	346.6	413.0	474.5	497.1	462.7
55°	191.2	197.5	209.7	216.5	225.9	255.3	288.3	344.8	409.0	446.0	424.3
57.5°	164.9	171.7	179.4	184.8	191.6	215.1	244.9	287.4	351.1	391.3	384.1
60°	143.7	147.8	155.0	159.1	165.4	180.8	201.5	244.0	294.6	332.6	336.7
62.5°	123.8	127.4	132.4	136.0	140.1	152.3	167.7	197.9	242.2	283.3	288.8
65°	106.6	109.8	112.5	115.7	118.8	126.5	139.6	163.1	197.5	235.9	247.6
67.5°	91.3	92.2	96.3	96.7	98.5	104.4	113.9	132.9	157.7	188.4	203.8
70°	76.4	78.2	79.1	80.4	82.2	86.3	94.0	103.9	122.5	147.3	161.8
72.5°	61.9	62.4	63.7	64.6	66.4	69.6	73.2	80.9	92.6	110.7	123.8
75°	49.3	49.7	50.6	51.1	52.4	53.3	55.1	60.6	68.7	79.5	89.0
77.5°	37.1	38.0	38.9	38.9	39.3	40.2	41.1	42.9	47.0	54.2	62.4
80°	25.3	25.8	25.8	26.2	25.8	27.1	28.5	30.7	32.5	34.8	38.9
82.5°	17.6	17.6	17.6	18.1	18.1	18.5	18.5	19.0	19.4	20.8	22.6
85°	10.8	10.8	11.3	10.4	10.8	11.3	11.3	10.8	11.3	11.7	12.2
87.5°	4.5	4.5	5.0	5.0	5.0	5.0	4.5	5.0	4.5	5.0	5.0
90°	10.4	10.1	9.8	9.7	9.4	8.9	8.4	7.9	7.4	6.7	5.9
92.5°	24.0	23.8	23.6	23.5	23.1	22.4	21.7	20.9	20.2	19.3	18.4
95°	39.2	38.9	38.7	38.6	38.2	37.5	36.8	36.1	35.4	34.4	33.4
97.5°	55.9	55.8	55.7	55.7	55.4	54.8	54.1	53.5	52.9	51.5	50.1
100°	75.1	74.8	74.6	74.5	74.0	73.1	72.2	71.3	70.4	69.1	67.7
102.5°	94.2	93.9	93.6	93.4	92.9	91.9	90.8	89.8	88.8	88.3	87.8
105°	113.5	113.2	112.9	112.7	112.4	111.8	111.2	110.6	110.0	109.4	108.8
107.5°	133.4	133.4	133.4	133.4	133.2	132.9	132.6	132.3	132.0	131.5	131.0
110°	155.7	155.8	155.9	156.0	155.8	155.5	155.2	154.9	154.6	154.3	154.0

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	177.5	177.8	178.0	178.1	178.0	177.9	177.8	177.7	177.6	177.2	176.8
115°	200.3	200.4	200.5	200.6	200.7	200.8	200.9	201.0	201.1	200.9	200.7
117.5°	223.0	223.5	223.9	224.1	224.0	223.9	223.8	223.7	223.6	223.4	223.2
120°	246.0	246.5	246.9	247.1	247.1	247.1	247.1	247.1	247.1	247.0	246.9
122.5°	268.8	269.1	269.4	269.6	269.7	269.8	269.9	270.0	270.1	269.8	269.5
125°	291.4	291.5	291.6	291.7	291.8	292.0	292.2	292.4	292.6	292.5	292.4
127.5°	313.7	313.9	314.1	314.2	314.3	314.4	314.5	314.6	314.7	314.6	314.5
130°	335.8	336.0	336.2	336.3	336.4	336.5	336.6	336.7	336.8	336.6	336.4
132.5°	356.7	357.0	357.3	357.5	357.6	357.7	357.8	357.9	358.0	358.1	358.2
135°	378.5	379.0	379.4	379.6	379.6	379.6	379.6	379.6	379.6	379.5	379.4
137.5°	399.9	400.4	400.9	401.2	401.1	401.0	400.9	400.8	400.7	400.5	400.3
140°	420.2	420.7	421.2	421.5	421.4	421.2	420.9	420.7	420.5	420.2	419.9
142.5°	439.5	440.0	440.5	440.8	440.7	440.6	440.5	440.4	440.3	439.9	439.5
145°	458.4	458.7	459.0	459.2	459.2	459.2	459.2	459.2	459.2	458.9	458.6
147.5°	475.5	476.4	477.2	477.6	477.4	477.1	476.8	476.5	476.2	476.0	475.8
150°	492.7	492.9	493.1	493.2	493.2	493.2	493.2	493.2	493.2	492.8	492.4
152.5°	508.3	508.7	509.1	509.3	509.2	508.9	508.6	508.3	508.0	507.9	507.8
155°	522.8	523.3	523.8	524.1	523.9	523.5	523.0	522.6	522.2	522.1	522.0
157.5°	535.1	535.8	536.5	536.9	536.7	536.3	535.9	535.5	535.1	535.0	534.9
160°	547.1	547.6	548.1	548.4	548.2	547.8	547.4	547.0	546.6	546.5	546.4
162.5°	557.9	558.6	559.2	559.5	559.2	558.7	558.2	557.7	557.2	557.2	557.2
165°	567.1	567.8	568.4	568.7	568.5	568.1	567.6	567.2	566.8	566.7	566.6
167.5°	574.9	575.6	576.2	576.5	576.2	575.6	574.9	574.3	573.7	573.7	573.7
170°	581.1	581.8	582.5	582.9	582.6	582.0	581.4	580.8	580.2	580.2	580.2
172.5°	586.0	586.7	587.3	587.6	587.3	586.7	586.0	585.4	584.8	584.8	584.8
175°	589.0	589.7	590.4	590.8	590.5	589.9	589.2	588.6	588.0	588.0	588.0
177.5°	590.8	591.5	592.2	592.6	592.3	591.7	591.1	590.5	589.9	590.0	590.1
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	564.9	562.2	560.4	559.9	557.2	554.9	552.2	551.8	550.4	546.8	544.5
5°	582.5	576.2	574.8	570.7	564.0	559.0	552.7	549.1	545.0	538.2	532.8
7.5°	600.6	592.0	585.7	579.8	570.3	561.3	552.2	545.0	537.8	527.8	519.7
10°	618.2	605.1	597.4	588.8	575.7	562.2	549.5	539.1	527.4	515.6	503.9
12.5°	634.5	617.7	606.4	594.2	578.0	561.3	545.0	530.5	518.3	502.5	489.4
15°	644.4	625.9	614.6	602.8	578.4	559.9	540.9	522.4	506.1	489.4	477.2
17.5°	650.3	629.5	616.8	606.0	581.1	555.8	531.4	511.5	493.9	474.0	457.8
20°	647.6	627.2	615.5	605.1	576.2	550.9	524.7	501.6	479.5	459.1	442.0
22.5°	641.7	620.5	607.3	597.9	572.1	542.3	513.4	488.5	465.5	445.1	425.7
25°	629.0	608.3	597.0	585.2	559.9	531.4	502.1	475.4	451.0	429.3	407.6
27.5°	617.7	592.4	580.7	570.3	543.6	518.3	489.4	460.0	435.2	412.6	390.9
30°	604.6	576.2	563.5	549.5	525.6	501.6	472.7	445.6	419.8	395.9	375.1
32.5°	590.6	557.6	543.2	527.4	503.0	480.4	456.0	429.3	403.5	380.0	358.4
35°	572.6	537.3	520.6	505.7	480.4	457.8	435.2	413.0	387.3	362.4	341.6
37.5°	555.4	516.5	498.9	481.7	455.1	433.4	414.8	394.1	369.2	345.2	325.4
40°	535.9	491.2	473.1	457.3	429.8	405.8	389.1	372.8	351.1	328.1	306.4
42.5°	518.3	467.7	448.7	432.5	403.5	380.9	365.1	351.6	332.6	311.4	289.2
45°	493.9	442.4	423.0	405.8	376.4	355.2	338.9	327.2	312.3	292.4	272.5
47.5°	471.3	418.0	396.8	376.0	349.3	327.6	312.7	303.7	293.7	276.1	255.8
50°	443.8	390.0	368.3	351.1	320.8	302.3	287.4	281.1	272.0	255.3	239.1
52.5°	413.9	362.9	342.5	321.8	293.7	275.7	262.6	255.3	248.1	235.9	220.5
55°	379.1	332.6	313.6	295.1	267.1	250.4	238.6	230.9	226.9	215.6	204.3
57.5°	345.7	301.9	284.2	267.1	242.7	223.7	216.0	209.2	203.4	195.2	185.7
60°	311.8	272.0	253.1	237.7	216.5	199.3	193.0	186.2	181.7	175.3	168.6
62.5°	272.9	239.1	224.6	210.1	192.1	178.5	171.3	165.8	160.0	155.9	150.0
65°	231.8	207.9	193.9	183.0	165.8	153.6	148.2	144.6	139.6	135.6	131.1
67.5°	193.4	174.4	168.6	156.8	143.7	132.9	128.8	124.3	120.2	117.9	113.9
70°	156.4	142.8	136.9	133.8	119.3	112.1	108.5	106.6	101.7	99.4	96.7
72.5°	121.1	116.1	112.1	108.0	98.5	94.0	89.9	88.1	84.5	82.7	81.8
75°	89.5	86.3	84.1	83.6	79.5	75.0	70.9	70.0	67.3	65.5	64.6
77.5°	62.8	61.9	61.5	61.9	59.2	56.5	55.6	54.7	51.5	51.1	51.1
80°	41.1	43.4	43.4	42.9	42.0	41.6	40.2	39.3	37.5	37.1	37.5
82.5°	25.3	26.7	27.1	28.0	27.6	27.1	26.2	25.8	26.2	25.3	25.8
85°	12.7	13.6	15.4	15.4	15.8	15.8	15.8	15.4	14.5	14.9	14.5
87.5°	5.0	5.4	5.4	5.4	5.0	6.3	6.8	6.8	6.8	5.9	5.9
90°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	17.5	16.6	16.1	15.8	15.3	14.8	14.3	13.8	14.3	14.8	15.3
95°	32.3	31.3	30.8	30.7	30.5	30.3	30.1	29.9	30.1	30.3	30.5
97.5°	48.6	47.2	46.5	46.4	46.3	46.2	46.1	46.0	46.1	46.2	46.3
100°	66.4	65.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
102.5°	87.3	86.8	86.5	86.2	85.7	85.2	84.7	84.2	84.7	85.2	85.7
105°	108.1	107.5	107.2	106.9	106.4	105.9	105.4	104.9	105.4	105.9	106.4
107.5°	130.5	130.0	129.7	129.4	128.9	128.4	127.9	127.4	127.9	128.4	128.9
110°	153.7	153.4	153.2	152.9	152.4	151.9	151.4	150.9	151.4	151.9	152.4

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	176.4	176.0	175.8	175.7	175.5	175.2	175.0	174.8	175.0	175.2	175.5
115°	200.4	200.2	200.1	199.9	199.5	199.1	198.7	198.3	198.7	199.1	199.5
117.5°	223.0	222.8	222.7	222.6	222.5	222.4	222.3	222.2	222.3	222.4	222.5
120°	246.8	246.7	246.6	246.3	245.8	245.3	244.8	244.3	244.8	245.3	245.8
122.5°	269.2	268.9	268.7	268.6	268.5	268.4	268.3	268.2	268.3	268.4	268.5
125°	292.3	292.2	292.2	291.9	291.3	290.6	290.0	289.4	290.0	290.6	291.3
127.5°	314.4	314.3	314.2	314.1	313.8	313.5	313.2	312.9	313.2	313.5	313.8
130°	336.2	336.0	335.9	335.6	335.1	334.6	334.1	333.6	334.1	334.6	335.1
132.5°	358.3	358.4	358.4	357.9	357.0	356.1	355.2	354.3	355.2	356.1	357.0
135°	379.3	379.2	379.1	378.8	378.2	377.6	377.0	376.4	377.0	377.6	378.2
137.5°	400.1	399.9	399.8	399.5	398.9	398.3	397.7	397.1	397.7	398.3	398.9
140°	419.6	419.3	419.2	418.9	418.4	417.9	417.4	416.9	417.4	417.9	418.4
142.5°	439.1	438.7	438.5	438.3	437.9	437.4	437.0	436.6	437.0	437.4	437.9
145°	458.3	458.0	457.8	457.6	457.2	456.8	456.4	456.0	456.4	456.8	457.2
147.5°	475.6	475.4	475.3	475.1	474.8	474.5	474.2	473.9	474.2	474.5	474.8
150°	492.0	491.6	491.4	491.4	491.5	491.6	491.7	491.8	491.7	491.6	491.5
152.5°	507.7	507.6	507.5	507.4	507.2	507.0	506.8	506.6	506.8	507.0	507.2
155°	521.9	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.8
157.5°	534.8	534.7	534.6	534.7	534.9	535.2	535.4	535.6	535.4	535.2	534.9
160°	546.3	546.2	546.1	546.3	546.6	546.9	547.2	547.5	547.2	546.9	546.6
162.5°	557.2	557.2	557.2	557.3	557.5	557.7	557.9	558.1	557.9	557.7	557.5
165°	566.5	566.4	566.4	566.5	566.7	566.9	567.1	567.3	567.1	566.9	566.7
167.5°	573.7	573.7	573.7	573.9	574.3	574.8	575.2	575.6	575.2	574.8	574.3
170°	580.2	580.2	580.2	580.4	580.8	581.2	581.6	582.0	581.6	581.2	580.8
172.5°	584.8	584.8	584.8	585.0	585.4	585.8	586.2	586.6	586.2	585.8	585.4
175°	588.0	588.0	588.0	588.2	588.6	589.1	589.5	589.9	589.5	589.1	588.6
177.5°	590.2	590.3	590.3	590.5	590.9	591.4	591.8	592.2	591.8	591.4	590.9
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	543.2	541.4	540.0	538.7	532.8	526.5	525.6	524.2	521.5	524.7	523.3
5°	529.2	525.1	522.8	517.0	509.7	504.3	499.8	494.4	492.1	490.3	489.9
7.5°	512.0	508.4	504.3	498.4	489.4	480.4	473.6	468.2	463.6	461.4	461.4
10°	495.3	490.8	485.3	475.4	466.8	455.5	448.3	442.9	436.5	432.9	429.8
12.5°	478.1	473.1	468.2	455.5	445.6	433.8	423.4	416.6	413.5	409.4	404.0
15°	460.9	453.3	448.3	435.6	423.0	411.2	404.4	397.2	390.0	385.9	384.1
17.5°	442.9	437.4	429.3	415.7	401.7	391.3	381.4	374.6	366.0	362.0	357.9
20°	426.6	418.5	410.3	396.8	383.2	369.2	359.3	351.1	345.7	342.5	338.9
22.5°	407.2	399.5	392.7	378.2	363.3	350.2	339.4	334.4	329.0	324.0	320.4
25°	390.4	382.8	376.0	360.2	343.9	331.7	323.6	317.2	311.4	309.1	305.5
27.5°	372.8	365.6	356.5	340.7	326.3	315.9	307.3	301.4	296.9	292.4	289.7
30°	356.1	348.0	339.8	322.7	310.9	300.5	292.4	285.1	281.5	279.3	274.8
32.5°	339.8	329.4	322.7	306.8	295.5	285.6	278.8	272.5	268.0	263.9	260.3
35°	322.2	310.9	304.1	291.0	279.3	269.3	263.5	258.9	253.5	249.9	248.1
37.5°	305.5	296.0	289.2	275.7	263.9	255.8	249.4	243.6	241.3	236.3	235.4
40°	287.4	279.3	272.9	259.8	249.0	242.7	235.9	230.5	226.4	224.1	221.0
42.5°	271.1	264.4	257.6	245.4	235.0	227.3	222.3	217.4	213.7	210.1	207.9
45°	256.2	249.0	242.7	230.9	220.5	213.7	208.8	202.9	202.0	197.0	194.8
47.5°	240.4	234.1	228.7	216.5	207.0	200.2	194.3	190.2	186.2	184.4	181.2
50°	225.0	218.7	212.4	201.5	193.0	186.2	180.3	175.8	173.5	170.8	168.1
52.5°	208.3	203.4	198.4	187.1	178.5	172.6	167.7	161.8	159.5	157.3	155.5
55°	194.3	187.1	181.7	172.2	164.5	158.2	152.7	148.2	146.0	144.2	141.9
57.5°	175.3	170.8	166.3	157.7	150.5	144.2	138.7	135.1	132.4	131.1	131.5
60°	159.1	154.1	151.4	142.3	135.1	130.1	125.2	121.6	118.8	117.5	117.0
62.5°	141.9	138.3	133.3	127.0	119.8	115.2	111.6	108.9	104.4	103.9	102.6
65°	125.2	122.5	117.9	112.1	106.2	102.1	98.1	94.4	92.6	90.4	89.0
67.5°	108.9	106.2	102.1	97.2	93.1	89.0	85.4	81.8	78.6	76.8	75.9
70°	93.1	90.8	88.1	82.2	77.3	74.1	71.4	69.1	66.0	65.1	64.6
72.5°	77.7	75.5	74.1	69.1	64.6	61.9	59.2	56.9	55.6	55.1	53.8
75°	63.7	61.5	59.7	55.1	52.4	50.6	47.9	47.0	45.6	45.2	44.7
77.5°	49.7	47.4	47.0	43.8	40.7	39.8	38.9	37.1	37.1	37.1	36.2
80°	35.7	35.2	34.8	31.6	30.3	29.4	28.9	27.6	26.7	25.8	25.3
82.5°	24.0	23.5	23.0	21.7	20.3	19.9	19.4	18.5	18.5	19.0	18.1
85°	14.5	13.6	13.1	12.7	11.7	11.7	12.2	11.7	11.7	11.7	11.3
87.5°	5.4	5.4	5.4	5.4	5.9	5.0	5.4	5.4	5.0	5.0	4.5
90°	3.7	4.1	4.5	5.2	5.9	6.7	7.4	7.9	8.4	8.9	9.4
92.5°	15.8	16.1	16.6	17.5	18.4	19.3	20.2	20.9	21.7	22.4	23.1
95°	30.7	30.8	31.3	32.3	33.4	34.4	35.4	36.1	36.8	37.5	38.2
97.5°	46.4	46.5	47.2	48.6	50.1	51.5	52.9	53.5	54.1	54.8	55.4
100°	64.4	64.4	65.1	66.4	67.7	69.1	70.4	71.3	72.2	73.1	74.0
102.5°	86.2	86.5	86.8	87.3	87.8	88.3	88.8	89.8	90.8	91.9	92.9
105°	106.9	107.2	107.5	108.1	108.8	109.4	110.0	110.6	111.2	111.8	112.4
107.5°	129.4	129.7	130.0	130.5	131.0	131.5	132.0	132.3	132.6	132.9	133.2
110°	152.9	153.2	153.4	153.7	154.0	154.3	154.6	154.9	155.2	155.5	155.8

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	175.7	175.8	176.0	176.4	176.8	177.2	177.6	177.7	177.8	177.9	178.0
115°	199.9	200.1	200.2	200.4	200.7	200.9	201.1	201.0	200.9	200.8	200.7
117.5°	222.6	222.7	222.8	223.0	223.2	223.4	223.6	223.7	223.8	223.9	224.0
120°	246.3	246.6	246.7	246.8	246.9	247.0	247.1	247.1	247.1	247.1	247.1
122.5°	268.6	268.7	268.9	269.2	269.5	269.8	270.1	270.0	269.9	269.8	269.7
125°	291.9	292.2	292.2	292.3	292.4	292.5	292.6	292.4	292.2	292.0	291.8
127.5°	314.1	314.2	314.3	314.4	314.5	314.6	314.7	314.6	314.5	314.4	314.3
130°	335.6	335.9	336.0	336.2	336.4	336.6	336.8	336.7	336.6	336.5	336.4
132.5°	357.9	358.4	358.4	358.3	358.2	358.1	358.0	357.9	357.8	357.7	357.6
135°	378.8	379.1	379.2	379.3	379.4	379.5	379.6	379.6	379.6	379.6	379.6
137.5°	399.5	399.8	399.9	400.1	400.3	400.5	400.7	400.8	400.9	401.0	401.1
140°	418.9	419.2	419.3	419.6	419.9	420.2	420.5	420.7	420.9	421.2	421.4
142.5°	438.3	438.5	438.7	439.1	439.5	439.9	440.3	440.4	440.5	440.6	440.7
145°	457.6	457.8	458.0	458.3	458.6	458.9	459.2	459.2	459.2	459.2	459.2
147.5°	475.1	475.3	475.4	475.6	475.8	476.0	476.2	476.5	476.8	477.1	477.4
150°	491.4	491.4	491.6	492.0	492.4	492.8	493.2	493.2	493.2	493.2	493.2
152.5°	507.4	507.5	507.6	507.7	507.8	507.9	508.0	508.3	508.6	508.9	509.2
155°	521.8	521.8	521.8	521.9	522.0	522.1	522.2	522.6	523.0	523.5	523.9
157.5°	534.7	534.6	534.7	534.8	534.9	535.0	535.1	535.5	535.9	536.3	536.7
160°	546.3	546.1	546.2	546.3	546.4	546.5	546.6	547.0	547.4	547.8	548.2
162.5°	557.3	557.2	557.2	557.2	557.2	557.2	557.2	557.7	558.2	558.7	559.2
165°	566.5	566.4	566.4	566.5	566.6	566.7	566.8	567.2	567.6	568.1	568.5
167.5°	573.9	573.7	573.7	573.7	573.7	573.7	573.7	574.3	574.9	575.6	576.2
170°	580.4	580.2	580.2	580.2	580.2	580.2	580.2	580.8	581.4	582.0	582.6
172.5°	585.0	584.8	584.8	584.8	584.8	584.8	584.8	585.4	586.0	586.7	587.3
175°	588.2	588.0	588.0	588.0	588.0	588.0	588.0	588.6	589.2	589.9	590.5
177.5°	590.5	590.3	590.3	590.2	590.1	590.0	589.9	590.5	591.1	591.7	592.3
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	521.0	521.9	519.7	518.8	517.0	519.2	519.7	519.2	523.3	521.5	522.4
5°	490.8	489.0	487.6	484.4	484.4	484.9	486.2	484.0	485.3	488.5	488.0
7.5°	457.3	456.4	456.9	453.3	450.5	451.4	450.5	454.6	456.9	456.0	457.8
10°	427.0	428.9	424.8	423.0	421.2	423.0	422.5	423.4	426.1	427.9	431.1
12.5°	402.6	402.2	399.9	398.1	395.0	395.9	398.6	397.7	398.1	402.2	401.7
15°	379.6	376.9	375.1	371.0	371.9	368.7	371.5	374.6	376.0	379.6	381.9
17.5°	356.5	356.1	353.8	353.4	348.4	347.1	349.8	350.7	352.0	353.8	357.0
20°	337.1	336.7	333.5	332.6	328.5	331.2	330.3	332.1	333.0	336.7	338.0
22.5°	319.5	317.2	316.3	315.0	313.6	313.2	315.0	314.5	317.7	319.0	319.5
25°	303.2	301.4	301.0	298.7	297.8	296.4	297.8	299.2	302.8	304.1	305.9
27.5°	288.3	287.0	286.1	284.2	282.9	282.9	283.8	285.6	287.0	287.9	288.8
30°	274.8	273.8	271.1	270.2	268.9	268.9	268.9	269.8	272.0	274.8	276.1
32.5°	260.7	258.9	257.1	257.1	255.8	255.8	256.2	257.1	259.4	259.8	262.1
35°	247.2	245.4	244.0	243.1	243.6	241.8	242.7	244.0	246.7	247.6	249.0
37.5°	234.1	233.6	230.9	229.6	230.5	230.5	230.0	230.9	232.7	234.5	235.4
40°	219.6	218.7	218.7	217.4	217.8	216.0	217.4	218.3	219.2	221.0	222.3
42.5°	207.0	206.1	204.3	204.7	203.4	203.4	204.3	204.7	206.1	208.3	209.2
45°	193.4	193.4	192.5	191.2	191.6	190.2	191.2	191.6	193.4	195.7	194.8
47.5°	180.3	179.9	179.9	178.0	179.0	177.6	179.0	179.4	180.3	181.7	181.2
50°	167.7	166.3	166.7	166.3	165.8	165.8	166.7	166.7	167.7	167.7	169.0
52.5°	154.5	154.5	153.6	154.1	155.0	154.1	155.5	154.1	155.0	155.5	156.4
55°	142.8	141.9	142.3	141.9	143.7	142.3	143.7	142.8	143.7	143.3	144.2
57.5°	130.1	128.8	129.2	128.8	130.1	129.7	131.1	129.7	130.1	130.6	132.0
60°	115.7	115.7	115.7	114.8	116.1	116.1	115.7	115.7	117.5	118.4	117.9
62.5°	102.1	101.7	100.3	99.9	100.3	99.4	101.2	100.8	101.7	102.6	103.5
65°	87.2	86.3	85.9	85.0	85.0	84.5	85.0	86.8	87.2	87.7	89.9
67.5°	75.0	74.6	74.1	72.8	72.8	73.7	73.7	73.7	76.4	75.0	76.8
70°	64.2	63.3	62.4	61.9	61.9	62.4	62.8	63.3	62.8	64.6	65.1
72.5°	53.8	54.2	53.3	53.3	53.3	52.9	52.9	53.8	54.2	53.8	54.2
75°	44.7	44.7	44.3	44.7	44.7	44.3	44.3	45.2	45.2	44.7	46.1
77.5°	36.2	35.7	34.8	33.9	34.3	33.9	34.3	33.9	35.2	36.6	35.7
80°	25.3	24.9	24.9	24.9	25.3	24.9	25.8	24.9	25.3	25.3	25.8
82.5°	18.1	18.5	18.5	18.1	18.5	18.1	18.5	18.5	18.5	18.1	18.5
85°	11.7	11.7	11.7	11.7	11.3	11.7	11.7	11.7	12.2	11.7	12.2
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.0	5.4
90°	9.7	9.8	10.1	10.4	10.7	11.0	10.7	10.4	10.1	9.8	9.7
92.5°	23.5	23.6	23.8	24.0	24.2	24.4	24.2	24.0	23.8	23.6	23.5
95°	38.6	38.7	38.9	39.2	39.4	39.6	39.4	39.2	38.9	38.7	38.6
97.5°	55.7	55.7	55.8	55.9	56.0	56.1	56.0	55.9	55.8	55.7	55.7
100°	74.5	74.6	74.8	75.1	75.3	75.5	75.3	75.1	74.8	74.6	74.5
102.5°	93.4	93.6	93.9	94.2	94.5	94.8	94.5	94.2	93.9	93.6	93.4
105°	112.7	112.9	113.2	113.5	113.8	114.1	113.8	113.5	113.2	112.9	112.7
107.5°	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4
110°	156.0	155.9	155.8	155.7	155.6	155.5	155.6	155.7	155.8	155.9	156.0

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	178.1	178.0	177.8	177.5	177.3	177.1	177.3	177.5	177.8	178.0	178.1
115°	200.6	200.5	200.4	200.3	200.2	200.1	200.2	200.3	200.4	200.5	200.6
117.5°	224.1	223.9	223.5	223.0	222.6	222.2	222.6	223.0	223.5	223.9	224.1
120°	247.1	246.9	246.5	246.0	245.6	245.2	245.6	246.0	246.5	246.9	247.1
122.5°	269.6	269.4	269.1	268.8	268.5	268.2	268.5	268.8	269.1	269.4	269.6
125°	291.7	291.6	291.5	291.4	291.3	291.2	291.3	291.4	291.5	291.6	291.7
127.5°	314.2	314.1	313.9	313.7	313.5	313.3	313.5	313.7	313.9	314.1	314.2
130°	336.3	336.2	336.0	335.8	335.6	335.4	335.6	335.8	336.0	336.2	336.3
132.5°	357.5	357.3	357.0	356.7	356.4	356.1	356.4	356.7	357.0	357.3	357.5
135°	379.6	379.4	379.0	378.5	378.1	377.7	378.1	378.5	379.0	379.4	379.6
137.5°	401.2	400.9	400.4	399.9	399.4	398.9	399.4	399.9	400.4	400.9	401.2
140°	421.5	421.2	420.7	420.2	419.7	419.2	419.7	420.2	420.7	421.2	421.5
142.5°	440.8	440.5	440.0	439.5	439.0	438.5	439.0	439.5	440.0	440.5	440.8
145°	459.2	459.0	458.7	458.4	458.1	457.8	458.1	458.4	458.7	459.0	459.2
147.5°	477.6	477.2	476.4	475.5	474.7	473.9	474.7	475.5	476.4	477.2	477.6
150°	493.2	493.1	492.9	492.7	492.5	492.3	492.5	492.7	492.9	493.1	493.2
152.5°	509.3	509.1	508.7	508.3	507.9	507.5	507.9	508.3	508.7	509.1	509.3
155°	524.1	523.8	523.3	522.8	522.3	521.8	522.3	522.8	523.3	523.8	524.1
157.5°	536.9	536.5	535.8	535.1	534.4	533.7	534.4	535.1	535.8	536.5	536.9
160°	548.4	548.1	547.6	547.1	546.6	546.1	546.6	547.1	547.6	548.1	548.4
162.5°	559.5	559.2	558.6	557.9	557.3	556.7	557.3	557.9	558.6	559.2	559.5
165°	568.7	568.4	567.8	567.1	566.5	565.9	566.5	567.1	567.8	568.4	568.7
167.5°	576.5	576.2	575.6	574.9	574.3	573.7	574.3	574.9	575.6	576.2	576.5
170°	582.9	582.5	581.8	581.1	580.4	579.7	580.4	581.1	581.8	582.5	582.9
172.5°	587.6	587.3	586.7	586.0	585.4	584.8	585.4	586.0	586.7	587.3	587.6
175°	590.8	590.4	589.7	589.0	588.3	587.6	588.3	589.0	589.7	590.4	590.8
177.5°	592.6	592.2	591.5	590.8	590.1	589.4	590.1	590.8	591.5	592.2	592.6
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	520.6	522.8	521.0	519.7	523.3	525.1	525.1	528.3	531.4	534.1	534.6
5°	488.5	492.1	493.0	492.6	498.0	500.7	506.6	509.7	514.3	517.4	521.0
7.5°	459.1	464.1	464.5	465.5	473.6	478.1	483.1	491.2	497.5	502.1	506.1
10°	429.8	432.9	436.1	440.1	448.3	456.0	463.2	471.8	479.9	484.4	490.3
12.5°	407.6	409.9	413.5	416.2	424.8	431.6	441.1	452.8	464.5	468.2	475.4
15°	384.6	385.9	393.2	395.9	403.1	414.4	420.3	431.6	444.2	451.0	459.1
17.5°	357.9	366.0	370.6	373.7	382.8	391.8	401.3	413.0	429.3	435.6	441.5
20°	338.9	344.8	349.8	353.8	362.0	375.5	384.1	393.6	409.0	416.2	424.8
22.5°	322.2	327.2	331.7	336.2	341.6	353.8	363.8	376.9	392.2	399.0	409.0
25°	306.4	311.4	314.1	319.5	326.7	335.3	347.1	358.8	374.2	381.9	391.3
27.5°	291.0	296.0	301.0	305.5	310.5	318.6	326.7	341.6	357.5	366.5	374.6
30°	277.9	280.2	284.7	289.7	294.6	302.3	311.8	322.2	340.3	348.4	358.4
32.5°	263.5	267.5	270.7	274.3	280.6	287.0	295.5	308.6	323.1	330.8	341.6
35°	249.9	253.5	255.8	262.1	266.2	272.9	281.5	293.3	305.5	314.1	323.6
37.5°	236.8	240.4	243.1	246.7	252.2	258.0	267.1	275.7	290.1	297.3	308.2
40°	223.2	226.4	229.6	233.6	238.6	245.8	251.3	262.1	273.8	282.0	290.1
42.5°	210.1	211.9	215.6	220.1	225.0	231.4	239.1	247.6	259.4	266.6	273.8
45°	196.1	199.3	203.4	206.5	211.0	217.4	224.1	231.8	243.6	250.8	258.5
47.5°	183.0	185.3	188.0	193.0	198.8	203.4	210.6	217.8	228.7	235.4	242.7
50°	169.5	171.7	175.8	179.0	183.5	189.3	196.1	203.8	214.2	218.7	225.9
52.5°	156.8	157.7	161.8	164.9	169.5	176.2	181.7	188.4	198.4	203.4	210.6
55°	144.2	145.1	147.3	150.5	155.5	160.9	166.7	174.4	183.0	187.5	194.3
57.5°	131.1	132.0	134.2	136.5	141.4	146.4	153.2	159.5	168.1	172.2	178.5
60°	117.9	117.9	120.2	123.4	127.0	131.5	137.4	145.1	151.4	156.4	160.9
62.5°	103.9	105.3	106.6	108.9	113.0	118.4	123.4	128.8	136.5	140.1	144.2
65°	89.9	91.3	94.0	96.3	99.4	103.0	109.4	113.9	119.8	123.8	127.4
67.5°	77.7	79.1	80.9	83.6	85.9	89.9	94.4	99.0	105.3	108.0	110.7
70°	65.1	66.4	67.8	71.4	73.7	76.8	80.0	84.5	89.9	91.7	94.0
72.5°	55.1	55.6	57.4	58.3	61.5	64.2	67.8	70.5	74.6	76.8	78.6
75°	46.5	46.5	47.0	47.9	49.7	51.5	54.2	56.9	60.6	61.9	64.2
77.5°	36.6	38.0	37.5	38.4	39.3	40.2	42.5	44.3	47.9	48.8	49.7
80°	26.2	26.7	28.0	29.4	29.4	30.7	32.1	32.5	34.8	36.2	36.2
82.5°	19.0	19.4	19.0	19.4	19.9	20.3	21.7	23.5	23.5	24.0	24.9
85°	11.7	11.7	12.2	12.7	12.7	12.2	13.1	12.7	13.1	14.0	14.0
87.5°	5.9	5.4	5.4	5.4	5.4	5.4	5.9	5.4	5.9	5.9	5.9
90°	9.4	8.9	8.4	7.9	7.4	6.7	5.9	5.2	4.5	4.1	3.7
92.5°	23.1	22.4	21.7	20.9	20.2	19.3	18.4	17.5	16.6	16.1	15.8
95°	38.2	37.5	36.8	36.1	35.4	34.4	33.4	32.3	31.3	30.8	30.7
97.5°	55.4	54.8	54.1	53.5	52.9	51.5	50.1	48.6	47.2	46.5	46.4
100°	74.0	73.1	72.2	71.3	70.4	69.1	67.7	66.4	65.1	64.4	64.4
102.5°	92.9	91.9	90.8	89.8	88.8	88.3	87.8	87.3	86.8	86.5	86.2
105°	112.4	111.8	111.2	110.6	110.0	109.4	108.8	108.1	107.5	107.2	106.9
107.5°	133.2	132.9	132.6	132.3	132.0	131.5	131.0	130.5	130.0	129.7	129.4
110°	155.8	155.5	155.2	154.9	154.6	154.3	154.0	153.7	153.4	153.2	152.9

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	178.0	177.9	177.8	177.7	177.6	177.2	176.8	176.4	176.0	175.8	175.7
115°	200.7	200.8	200.9	201.0	201.1	200.9	200.7	200.4	200.2	200.1	199.9
117.5°	224.0	223.9	223.8	223.7	223.6	223.4	223.2	223.0	222.8	222.7	222.6
120°	247.1	247.1	247.1	247.1	247.1	247.0	246.9	246.8	246.7	246.6	246.3
122.5°	269.7	269.8	269.9	270.0	270.1	269.8	269.5	269.2	268.9	268.7	268.6
125°	291.8	292.0	292.2	292.4	292.6	292.5	292.4	292.3	292.2	292.2	291.9
127.5°	314.3	314.4	314.5	314.6	314.7	314.6	314.5	314.4	314.3	314.2	314.1
130°	336.4	336.5	336.6	336.7	336.8	336.6	336.4	336.2	336.0	335.9	335.6
132.5°	357.6	357.7	357.8	357.9	358.0	358.1	358.2	358.3	358.4	358.4	357.9
135°	379.6	379.6	379.6	379.6	379.6	379.5	379.4	379.3	379.2	379.1	378.8
137.5°	401.1	401.0	400.9	400.8	400.7	400.5	400.3	400.1	399.9	399.8	399.5
140°	421.4	421.2	420.9	420.7	420.5	420.2	419.9	419.6	419.3	419.2	418.9
142.5°	440.7	440.6	440.5	440.4	440.3	439.9	439.5	439.1	438.7	438.5	438.3
145°	459.2	459.2	459.2	459.2	459.2	458.9	458.6	458.3	458.0	457.8	457.6
147.5°	477.4	477.1	476.8	476.5	476.2	476.0	475.8	475.6	475.4	475.3	475.1
150°	493.2	493.2	493.2	493.2	493.2	492.8	492.4	492.0	491.6	491.4	491.4
152.5°	509.2	508.9	508.6	508.3	508.0	507.9	507.8	507.7	507.6	507.5	507.4
155°	523.9	523.5	523.0	522.6	522.2	522.1	522.0	521.9	521.8	521.8	521.8
157.5°	536.7	536.3	535.9	535.5	535.1	535.0	534.9	534.8	534.7	534.6	534.7
160°	548.2	547.8	547.4	547.0	546.6	546.5	546.4	546.3	546.2	546.1	546.3
162.5°	559.2	558.7	558.2	557.7	557.2	557.2	557.2	557.2	557.2	557.2	557.3
165°	568.5	568.1	567.6	567.2	566.8	566.7	566.6	566.5	566.4	566.4	566.5
167.5°	576.2	575.6	574.9	574.3	573.7	573.7	573.7	573.7	573.7	573.7	573.9
170°	582.6	582.0	581.4	580.8	580.2	580.2	580.2	580.2	580.2	580.2	580.4
172.5°	587.3	586.7	586.0	585.4	584.8	584.8	584.8	584.8	584.8	584.8	585.0
175°	590.5	589.9	589.2	588.6	588.0	588.0	588.0	588.0	588.0	588.0	588.2
177.5°	592.3	591.7	591.1	590.5	589.9	590.0	590.1	590.2	590.3	590.3	590.5
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	550.4	550.4	550.4	550.4
2.5°	537.8	541.8	545.9	550.9
5°	526.9	534.1	541.8	549.1
7.5°	515.2	525.6	535.5	545.9
10°	502.1	515.2	526.5	540.9
12.5°	487.6	501.6	517.4	533.7
15°	473.1	490.8	507.5	526.0
17.5°	459.6	476.3	494.8	517.0
20°	443.3	461.8	482.6	506.1
22.5°	426.1	446.5	469.1	494.4
25°	411.7	432.5	454.2	480.8
27.5°	395.9	417.6	438.8	467.3
30°	377.8	401.3	423.0	452.3
32.5°	360.6	384.1	408.1	435.6
35°	343.9	366.9	390.9	418.9
37.5°	328.1	348.9	372.4	397.7
40°	313.2	332.1	352.9	376.0
42.5°	294.2	316.3	335.8	352.5
45°	277.9	296.0	314.1	327.6
47.5°	258.9	277.0	292.4	303.2
50°	243.1	257.6	270.2	279.7
52.5°	224.1	237.7	248.1	255.3
55°	205.6	217.4	226.4	231.4
57.5°	188.9	196.6	203.4	207.9
60°	170.4	176.2	182.1	187.1
62.5°	150.5	156.8	160.0	165.4
65°	132.9	136.9	141.9	143.7
67.5°	115.7	117.9	121.1	124.7
70°	97.6	99.0	102.1	107.1
72.5°	81.8	83.1	85.4	87.2
75°	65.1	66.4	68.2	70.0
77.5°	51.1	51.5	52.4	54.2
80°	37.1	38.4	39.3	39.8
82.5°	25.8	26.2	26.2	26.7
85°	16.3	15.4	15.4	15.8
87.5°	5.9	6.8	6.8	7.7
90°	2.9	2.1	1.3	0.5
92.5°	15.3	14.8	14.3	13.8
95°	30.5	30.3	30.1	29.9
97.5°	46.3	46.2	46.1	46.0
100°	64.4	64.4	64.4	64.4
102.5°	85.7	85.2	84.7	84.2
105°	106.4	105.9	105.4	104.9
107.5°	128.9	128.4	127.9	127.4
110°	152.4	151.9	151.4	150.9



TEST NUMBER: P1035937

CATALOG NUMBER: S125RDIW-B375D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	175.5	175.2	175.0	174.8
115°	199.5	199.1	198.7	198.3
117.5°	222.5	222.4	222.3	222.2
120°	245.8	245.3	244.8	244.3
122.5°	268.5	268.4	268.3	268.2
125°	291.3	290.6	290.0	289.4
127.5°	313.8	313.5	313.2	312.9
130°	335.1	334.6	334.1	333.6
132.5°	357.0	356.1	355.2	354.3
135°	378.2	377.6	377.0	376.4
137.5°	398.9	398.3	397.7	397.1
140°	418.4	417.9	417.4	416.9
142.5°	437.9	437.4	437.0	436.6
145°	457.2	456.8	456.4	456.0
147.5°	474.8	474.5	474.2	473.9
150°	491.5	491.6	491.7	491.8
152.5°	507.2	507.0	506.8	506.6
155°	521.8	521.8	521.8	521.8
157.5°	534.9	535.2	535.4	535.6
160°	546.6	546.9	547.2	547.5
162.5°	557.5	557.7	557.9	558.1
165°	566.7	566.9	567.1	567.3
167.5°	574.3	574.8	575.2	575.6
170°	580.8	581.2	581.6	582.0
172.5°	585.4	585.8	586.2	586.6
175°	588.6	589.1	589.5	589.9
177.5°	590.9	591.4	591.8	592.2
180°	591.2	591.2	591.2	591.2

(END OF REPORT)