

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: P1027956

Luminaire Tested: S125DIP-B375D850UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027956
REPORT IS A COMBINATION OF REPORTS P1002102 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D850UB40-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

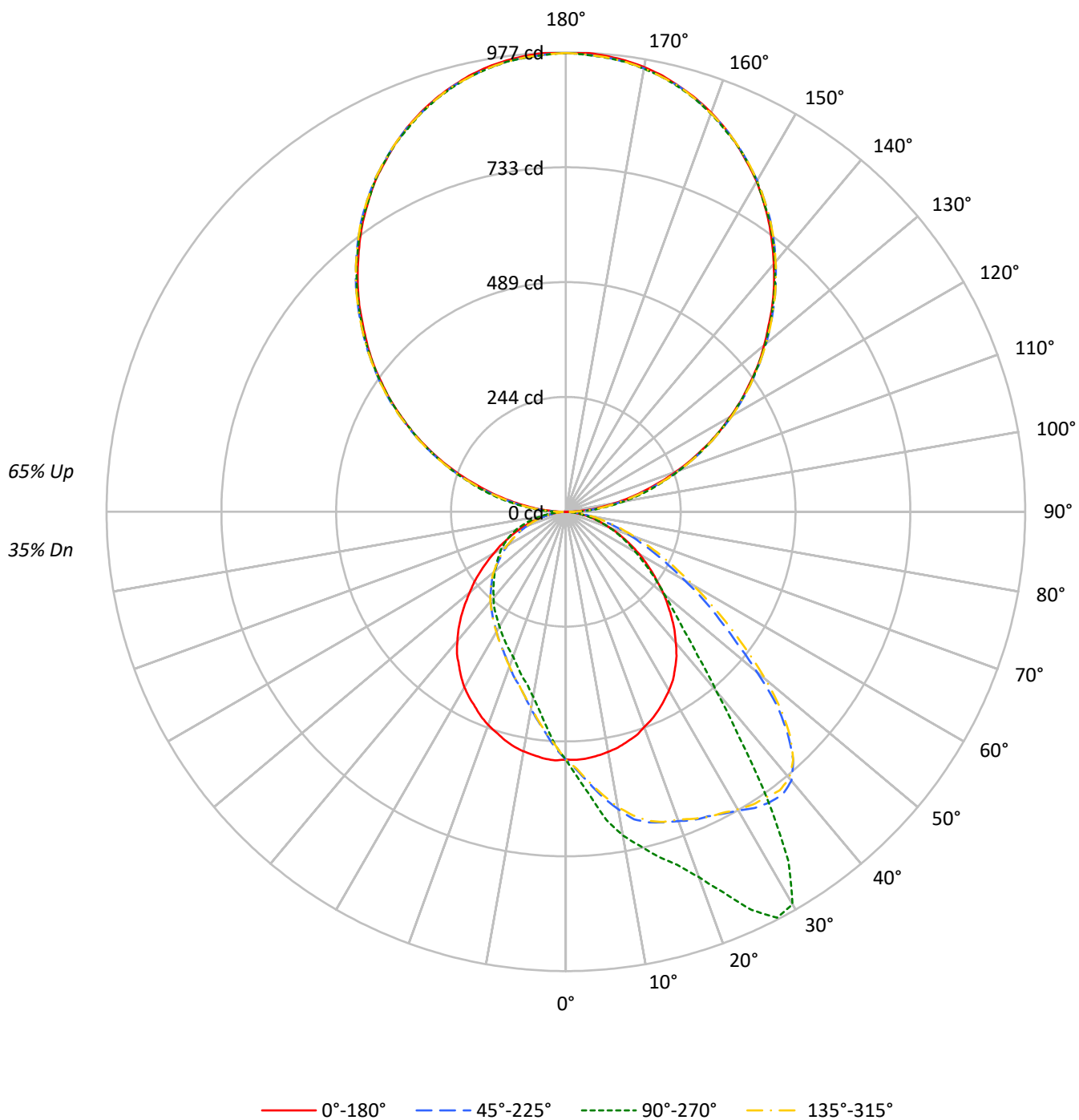
Lumens per Lamp: N/A
Luminaire Lumens: 4212.0 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36
2	86	79	73	68	78	72	67	63	58	55	51	45	43	41	34	32	31
3	79	70	63	57	71	63	57	52	51	47	43	40	37	35	30	28	26
4	72	62	54	48	65	56	49	44	46	41	37	36	32	30	27	25	23
5	66	55	47	41	60	50	43	38	41	36	32	32	29	26	24	22	20
6	61	49	41	36	55	45	38	33	37	32	28	29	25	23	22	19	17
7	56	44	37	31	51	40	34	29	33	28	24	26	23	20	20	17	16
8	52	40	33	27	47	37	30	25	30	25	22	24	20	18	18	16	14
9	48	36	29	24	44	33	27	23	28	23	19	22	18	16	17	14	12
10	45	33	26	22	41	31	24	20	25	20	17	20	17	14	16	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3377	3377	3377	3377
5°	3379	3830	3382	2906
10°	3359	4366	3353	2494
15°	3333	4733	3313	2253
20°	3291	5187	3262	2057
25°	3254	5943	3195	1941
30°	3200	6270	3145	1836
35°	3116	5026	3050	1751
40°	2983	3474	2939	1662
45°	2816	2586	2784	1588
50°	2624	2129	2580	1528
55°	2417	1816	2398	1476
60°	2215	1554	2175	1437
65°	1996	1343	1963	1378
70°	1763	1114	1741	1276
75°	1519	862	1499	1108
80°	1199	582	1157	815
85°	766	292	743	415

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5157 cd/sqm

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	1.2
10°-20°	151.1	3.6
20°-30°	245.4	5.8
30°-40°	299.9	7.1
40°-50°	272.0	6.5
50°-60°	216.7	5.1
60°-70°	150.9	3.6
70°-80°	80.4	1.9
80°-90°	21.5	0.5
90°-100°	64.9	1.5
100°-110°	192.8	4.6
110°-120°	326.9	7.8
120°-130°	430.4	10.2
130°-140°	482.3	11.5
140°-150°	472.7	11.2
150°-160°	397.1	9.4
160°-170°	264.0	6.3
170°-180°	92.4	2.2
0°-30°	447.2	10.6
0°-40°	747.1	17.7
0°-60°	1235.8	29.3
0°-90°	1488.5	35.3
90°-120°	584.6	13.9
90°-150°	1970.1	46.8
90°-180°	2723.0	64.6
0°-180°	4212.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	608	527	461	526	50
15°	506	759	503	361	506	143
25°	466	934	457	305	466	214
35°	405	750	397	261	405	253
45°	318	353	315	217	318	245
55°	224	218	222	177	224	200
65°	139	134	136	137	139	138
75°	67	66	66	84	67	71
85°	13	15	13	21	13	16
90°	1	18	1	18	1	4
95°	49	65	49	65	49	52
105°	173	188	173	188	173	185
115°	327	330	327	330	327	324
125°	478	481	478	481	478	428
135°	621	624	621	624	621	479
145°	753	756	753	756	753	470
155°	861	861	861	861	861	397
165°	936	934	936	934	936	264
175°	974	970	974	970	974	93
180°	976	976	976	976	976	

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	527.9	531.0	534.6	537.2	541.7	543.1	545.3	546.6	548.0	549.3	550.2
5°	526.5	534.1	540.8	545.7	554.2	557.4	561.4	566.3	572.1	577.1	580.2
7.5°	522.9	535.0	544.0	553.8	565.4	573.0	577.1	587.3	596.7	603.9	613.3
10°	518.5	532.8	546.6	561.4	578.0	586.5	594.5	608.8	621.8	633.4	642.8
12.5°	513.5	531.0	547.5	566.8	589.1	599.4	604.8	629.4	645.5	651.8	670.1
15°	505.9	526.5	550.2	573.9	592.7	604.8	619.6	639.2	655.3	669.2	684.0
17.5°	498.8	521.1	545.3	571.7	599.0	614.6	625.8	643.3	660.7	678.6	692.5
20°	487.1	516.2	540.8	569.0	601.2	612.4	624.0	644.6	663.4	682.6	700.1
22.5°	477.8	505.5	539.0	565.9	593.2	604.3	618.7	640.1	662.5	684.4	709.9
25°	465.7	496.5	525.6	554.2	582.4	594.5	607.5	635.2	658.5	686.7	714.8
27.5°	452.7	484.5	513.5	539.5	565.9	582.4	596.3	625.4	656.2	687.1	723.8
30°	438.8	468.8	496.5	522.0	551.1	568.1	582.0	616.0	650.4	689.8	733.6
32.5°	424.1	452.3	476.0	501.9	532.8	548.4	567.2	604.3	645.1	692.0	747.0
35°	405.3	432.1	453.1	479.5	510.4	530.5	550.2	591.8	639.2	691.6	754.7
37.5°	386.5	407.5	427.7	455.8	491.6	510.0	530.5	576.2	630.3	690.2	757.8
40°	364.1	384.7	402.2	430.8	468.4	489.4	510.9	558.7	620.0	685.3	746.6
42.5°	341.8	359.2	378.4	408.4	444.6	467.0	489.8	543.1	606.6	671.0	715.7
45°	318.5	331.9	352.9	380.2	418.7	440.2	466.1	523.8	587.8	645.1	667.4
47.5°	294.3	307.8	327.4	353.8	391.9	417.4	442.0	499.7	564.1	608.4	608.4
50°	271.1	281.8	301.1	327.4	365.9	389.2	414.2	475.5	527.4	560.1	531.0
52.5°	246.0	258.1	274.2	301.9	340.0	361.0	388.3	440.6	489.8	503.2	458.5
55°	224.1	234.0	249.2	275.6	310.9	332.8	356.1	406.2	447.8	446.9	399.0
57.5°	201.3	209.4	225.5	249.6	282.3	301.9	325.2	368.6	402.6	390.5	345.3
60°	180.3	186.1	201.7	221.4	252.7	271.1	293.5	328.8	354.7	337.7	292.1
62.5°	158.4	165.1	177.6	196.8	224.6	239.3	255.9	291.7	308.2	293.0	246.5
65°	138.7	144.0	155.2	171.3	196.4	209.8	224.1	253.6	269.3	247.4	208.9
67.5°	119.0	125.3	133.3	147.6	167.3	179.8	192.4	217.9	225.0	205.3	173.1
70°	100.6	106.0	113.6	123.9	140.5	151.6	161.0	182.1	187.0	168.6	143.1
72.5°	82.8	86.3	92.6	101.1	116.3	122.6	132.4	146.7	153.0	136.4	118.1
75°	67.1	69.8	73.8	80.1	90.4	97.1	105.1	118.5	118.1	106.5	93.5
77.5°	51.9	52.3	56.8	62.6	68.9	74.7	78.7	88.1	89.0	81.9	71.1
80°	37.1	38.5	40.3	44.7	50.1	52.3	57.3	63.1	64.0	58.6	51.4
82.5°	23.7	24.6	25.9	28.6	32.2	34.9	37.6	39.8	42.0	38.9	33.1
85°	13.4	13.9	15.2	16.1	17.9	19.2	21.5	23.7	23.3	21.0	19.2
87.5°	6.7	6.7	6.7	7.6	8.5	8.5	9.4	9.8	10.3	9.4	8.5
90°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.8	11.0	12.2
92.5°	22.8	23.6	24.5	25.3	26.2	26.6	27.4	28.9	30.4	31.9	33.4
95°	49.4	49.7	50.1	50.4	50.7	50.9	51.7	53.4	55.1	56.8	58.5
97.5°	75.9	76.1	76.3	76.4	76.6	76.7	77.9	80.2	82.6	84.9	87.3
100°	106.3	106.3	106.3	106.3	106.3	106.3	107.4	109.6	111.8	114.0	116.2
102.5°	139.0	139.8	140.7	141.5	142.4	142.8	143.2	144.1	144.9	145.8	146.6
105°	173.1	173.9	174.8	175.6	176.5	176.9	177.4	178.4	179.5	180.5	181.5
107.5°	210.4	211.2	212.1	212.9	213.8	214.2	214.6	215.4	216.3	217.1	217.9
110°	249.1	249.9	250.8	251.6	252.5	252.9	253.2	253.7	254.2	254.7	255.2

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	288.6	288.9	289.3	289.6	289.9	290.1	290.4	291.1	291.8	292.4	293.1
115°	327.3	328.0	328.6	329.3	330.0	330.3	330.5	330.8	331.2	331.5	331.9
117.5°	366.8	367.0	367.2	367.3	367.5	367.6	367.8	368.1	368.4	368.8	369.1
120°	403.2	404.0	404.9	405.7	406.6	407.0	407.1	407.3	407.4	407.6	407.8
122.5°	442.7	442.9	443.1	443.2	443.4	443.5	443.8	444.3	444.8	445.3	445.8
125°	477.7	478.7	479.7	480.7	481.7	482.2	482.3	482.5	482.6	482.8	483.0
127.5°	516.4	516.9	517.4	517.9	518.4	518.7	518.8	518.9	519.1	519.2	519.4
130°	550.6	551.4	552.3	553.1	554.0	554.4	554.6	554.9	555.2	555.6	555.9
132.5°	584.7	586.2	587.8	589.3	590.8	591.6	591.5	591.3	591.2	591.0	590.8
135°	621.2	622.2	623.2	624.3	625.3	625.8	625.9	626.0	626.2	626.3	626.5
137.5°	655.4	656.4	657.4	658.4	659.4	659.9	660.1	660.4	660.7	661.1	661.4
140°	688.0	688.8	689.7	690.5	691.4	691.8	692.1	692.6	693.1	693.6	694.1
142.5°	720.7	721.4	722.0	722.7	723.4	723.7	724.0	724.7	725.4	726.1	726.8
145°	752.6	753.3	753.9	754.6	755.3	755.6	755.9	756.4	756.9	757.4	757.9
147.5°	782.2	782.7	783.2	783.7	784.2	784.5	784.7	785.0	785.3	785.7	786.0
150°	811.8	811.6	811.4	811.3	811.1	811.0	811.3	812.0	812.7	813.4	814.1
152.5°	836.1	836.4	836.8	837.1	837.4	837.6	837.7	837.9	838.0	838.2	838.4
155°	861.2	861.2	861.2	861.2	861.2	861.2	861.3	861.4	861.6	861.7	861.9
157.5°	883.9	883.6	883.2	882.9	882.6	882.4	882.5	882.7	882.8	883.0	883.2
160°	903.7	903.2	902.7	902.2	901.7	901.4	901.5	901.7	901.8	902.0	902.2
162.5°	921.2	920.8	920.5	920.1	919.8	919.6	919.6	919.6	919.6	919.6	919.6
165°	936.3	936.0	935.6	935.3	935.0	934.8	934.9	935.1	935.2	935.4	935.6
167.5°	950.0	949.3	948.7	948.0	947.3	947.0	947.0	947.0	947.0	947.0	947.0
170°	960.6	959.9	959.3	958.6	957.9	957.6	957.6	957.6	957.6	957.6	957.6
172.5°	968.2	967.5	966.9	966.2	965.5	965.2	965.2	965.2	965.2	965.2	965.2
175°	973.6	972.9	972.2	971.5	970.8	970.5	970.5	970.5	970.5	970.5	970.5
177.5°	977.4	976.7	976.0	975.3	974.6	974.3	974.2	974.1	973.9	973.8	973.6
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	551.1	554.2	556.9	559.2	561.0	563.6	561.9	562.3	563.2	565.0	565.0
5°	586.9	591.8	594.5	603.5	605.7	605.2	603.9	611.1	610.6	607.9	607.5
7.5°	621.8	630.3	637.9	645.1	647.3	653.1	654.4	657.6	656.7	661.2	658.9
10°	653.6	667.0	674.1	684.9	687.6	690.2	693.8	695.6	699.6	699.2	699.2
12.5°	678.2	694.3	703.7	706.3	716.6	719.8	722.9	728.7	727.4	727.8	730.5
15°	697.4	713.0	721.1	733.6	740.8	744.4	749.7	756.0	755.1	759.1	758.2
17.5°	711.7	726.5	741.2	760.0	760.5	769.9	782.4	785.1	790.9	786.9	786.9
20°	723.3	743.0	764.0	788.2	790.9	796.7	811.9	822.2	828.9	826.7	828.0
22.5°	735.9	764.0	788.6	812.8	825.8	836.1	850.8	866.9	872.7	876.3	875.4
25°	752.0	781.5	817.7	851.3	864.7	884.4	904.1	919.7	924.2	934.0	925.1
27.5°	768.5	810.1	855.3	894.7	911.7	927.8	951.5	963.1	968.9	973.4	970.3
30°	782.4	839.6	888.9	925.1	937.2	946.6	960.0	962.7	960.4	964.0	968.5
32.5°	803.9	859.8	901.4	918.8	917.5	917.0	906.7	892.4	889.3	880.8	892.4
35°	815.5	860.2	876.3	853.1	843.7	826.7	794.0	772.5	753.8	749.7	750.6
37.5°	808.8	826.2	807.0	745.7	730.5	704.5	661.2	630.7	616.9	606.1	620.0
40°	772.5	753.3	700.5	625.8	603.9	579.3	538.6	522.0	502.4	498.3	516.7
42.5°	712.6	654.0	579.3	521.6	498.8	484.9	450.9	435.3	421.4	415.1	425.4
45°	631.2	560.1	484.9	437.5	418.3	401.7	381.6	365.0	356.1	353.4	361.9
47.5°	547.1	471.9	412.0	376.7	356.5	344.0	325.2	315.8	308.7	309.6	310.9
50°	466.6	398.1	352.1	316.7	306.9	297.0	284.5	276.5	272.9	274.2	273.3
52.5°	397.2	341.8	302.8	275.6	271.1	261.7	251.4	244.7	243.3	243.8	245.1
55°	336.4	293.0	262.1	242.5	237.5	230.8	224.6	220.1	216.5	217.9	217.4
57.5°	290.3	252.3	228.6	212.5	208.9	204.9	199.1	196.8	195.5	192.8	195.0
60°	249.6	218.7	198.2	188.3	185.2	182.5	176.2	173.6	172.7	171.3	174.9
62.5°	211.1	189.2	173.6	164.6	161.5	158.8	155.7	153.4	153.9	152.1	153.9
65°	180.7	162.8	151.6	143.6	139.6	137.8	137.3	133.8	133.3	133.8	134.2
67.5°	152.5	137.3	128.8	123.9	120.8	119.0	117.6	115.4	117.2	115.9	116.8
70°	127.0	116.8	107.8	102.9	101.5	102.0	99.8	98.9	99.3	98.4	99.3
72.5°	102.4	93.9	90.4	86.8	85.0	84.5	83.2	81.9	83.2	82.8	82.8
75°	81.9	75.6	71.6	69.3	69.3	68.4	66.2	66.2	66.2	65.8	66.2
77.5°	63.1	57.7	55.9	53.7	53.7	52.3	51.9	51.9	51.0	52.3	51.4
80°	47.0	42.9	40.3	38.9	38.9	38.5	37.6	37.1	37.6	37.1	37.1
82.5°	30.4	28.6	27.3	25.9	25.5	25.9	25.5	24.6	25.1	24.6	25.5
85°	17.4	15.7	15.7	14.8	15.2	14.3	14.8	13.9	13.4	14.8	13.9
87.5°	7.6	7.2	7.2	6.3	6.3	6.3	5.8	6.3	5.8	5.4	5.8
90°	13.0	13.8	14.7	15.5	15.9	16.2	16.7	17.2	17.7	18.2	17.7
92.5°	34.6	35.8	36.9	38.1	38.7	38.9	39.2	39.5	39.9	40.2	39.9
95°	59.7	60.9	62.0	63.2	63.8	64.0	64.3	64.6	65.0	65.3	65.0
97.5°	88.3	89.3	90.4	91.4	91.9	92.0	92.1	92.3	92.4	92.6	92.4
100°	117.7	119.2	120.7	122.2	123.0	123.2	123.5	123.8	124.2	124.5	124.2
102.5°	148.3	150.0	151.7	153.4	154.2	154.4	154.9	155.4	155.9	156.4	155.9
105°	182.5	183.5	184.6	185.6	186.1	186.3	186.8	187.3	187.8	188.3	187.8
107.5°	218.4	218.9	219.4	219.9	220.2	220.2	220.2	220.2	220.2	220.2	220.2
110°	255.7	256.2	256.7	257.2	257.4	257.3	257.2	257.0	256.9	256.7	256.9



TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	293.3	293.5	293.6	293.8	293.9	293.7	293.4	293.1	292.7	292.4	292.7
115°	331.7	331.5	331.4	331.2	331.1	331.0	330.8	330.7	330.5	330.3	330.5
117.5°	369.3	369.4	369.6	369.7	369.8	369.5	368.8	368.1	367.5	366.8	367.5
120°	407.8	407.8	407.8	407.8	407.8	407.5	406.8	406.1	405.5	404.8	405.5
122.5°	445.6	445.4	445.3	445.1	445.0	444.7	444.2	443.7	443.2	442.7	443.2
125°	482.7	482.3	482.0	481.7	481.5	481.4	481.2	481.1	480.9	480.7	480.9
127.5°	519.2	519.1	518.9	518.8	518.7	518.5	518.2	517.9	517.5	517.2	517.5
130°	555.7	555.5	555.4	555.2	555.1	554.9	554.6	554.3	553.9	553.6	553.9
132.5°	590.6	590.5	590.3	590.2	590.1	589.8	589.3	588.8	588.3	587.8	588.3
135°	626.5	626.5	626.5	626.5	626.5	626.2	625.5	624.8	624.2	623.5	624.2
137.5°	661.6	661.8	661.9	662.1	662.2	661.8	660.9	660.1	659.2	658.4	659.2
140°	694.4	694.8	695.1	695.4	695.6	695.2	694.3	693.5	692.6	691.8	692.6
142.5°	727.0	727.1	727.3	727.4	727.5	727.1	726.2	725.4	724.5	723.7	724.5
145°	757.9	757.9	757.9	757.9	757.9	757.6	757.1	756.6	756.1	755.6	756.1
147.5°	786.5	787.0	787.5	788.0	788.3	787.6	786.3	784.9	783.6	782.2	783.6
150°	814.1	814.1	814.1	814.1	814.1	813.9	813.6	813.3	812.9	812.6	812.9
152.5°	838.9	839.4	839.9	840.4	840.7	840.4	839.7	839.0	838.3	837.6	838.3
155°	862.6	863.3	864.0	864.7	865.0	864.6	863.7	862.9	862.0	861.2	862.0
157.5°	883.9	884.5	885.2	885.9	886.2	885.6	884.4	883.3	882.1	880.9	882.1
160°	902.9	903.5	904.2	904.9	905.2	904.8	903.9	903.1	902.2	901.4	902.2
162.5°	920.4	921.3	922.1	923.0	923.4	922.9	921.9	920.9	919.9	918.9	919.9
165°	936.3	936.9	937.6	938.3	938.6	938.1	937.1	936.1	935.1	934.1	935.1
167.5°	948.0	949.0	950.0	951.0	951.5	951.0	950.0	949.0	948.0	947.0	948.0
170°	958.6	959.6	960.7	961.7	962.2	961.6	960.4	959.3	958.1	956.9	958.1
172.5°	966.2	967.2	968.3	969.3	969.8	969.3	968.3	967.2	966.2	965.2	966.2
175°	971.5	972.5	973.6	974.6	975.1	974.5	973.3	972.2	971.0	969.8	971.0
177.5°	974.6	975.6	976.6	977.6	978.1	977.5	976.3	975.2	974.0	972.8	974.0
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	564.1	561.0	561.9	561.0	558.7	557.4	553.8	549.3	547.5	545.3	544.0
5°	609.3	607.0	606.6	603.0	602.1	596.7	587.8	583.3	578.0	572.6	567.2
7.5°	658.5	655.8	646.8	645.5	646.4	639.7	628.1	619.1	607.9	600.3	590.0
10°	699.2	693.8	686.2	686.7	683.5	674.6	662.9	653.6	637.4	627.6	612.8
12.5°	723.8	719.3	718.4	713.9	711.3	699.6	685.8	673.7	661.6	648.2	637.0
15°	753.8	747.9	743.9	737.7	735.9	723.8	708.6	694.7	680.8	668.3	644.6
17.5°	786.9	780.6	765.4	764.0	753.3	741.7	726.9	706.3	691.6	673.7	656.2
20°	824.4	815.5	795.8	790.9	782.4	763.2	743.0	720.2	696.5	678.2	657.6
22.5°	866.5	850.8	836.5	820.9	814.6	790.9	763.2	735.4	706.8	681.7	657.1
25°	921.1	900.5	880.4	864.7	854.0	823.1	786.0	749.3	716.2	683.5	651.3
27.5°	964.0	946.1	924.2	903.6	889.7	853.1	810.6	763.2	722.0	682.2	647.7
30°	967.1	961.8	948.3	937.2	922.0	882.6	835.6	781.9	730.9	682.6	640.6
32.5°	908.5	919.3	925.1	926.9	923.7	900.9	858.0	798.9	739.0	678.6	634.3
35°	782.4	811.0	846.4	859.8	872.7	884.8	862.5	811.0	741.7	677.7	624.5
37.5°	644.2	670.1	728.7	755.5	770.8	818.6	837.0	809.2	747.0	678.6	615.1
40°	519.8	561.0	603.0	639.2	662.9	716.6	773.4	779.7	739.4	670.1	603.0
42.5°	437.5	461.6	493.4	527.0	548.0	611.5	688.4	733.6	715.7	656.2	588.2
45°	372.6	390.5	420.5	431.7	458.5	519.4	600.8	666.1	675.0	634.3	571.2
47.5°	319.8	335.1	354.3	368.2	389.6	435.3	504.1	576.2	619.1	604.3	547.5
50°	281.8	294.3	310.4	318.5	332.4	373.5	425.4	497.0	554.7	559.6	516.7
52.5°	250.1	257.2	269.7	278.7	289.9	314.9	361.9	420.9	485.8	512.6	478.6
55°	222.3	228.1	239.3	245.1	251.0	272.4	309.1	362.8	423.6	459.0	439.7
57.5°	197.3	202.2	211.6	217.0	220.1	240.7	268.8	310.9	365.5	408.4	397.7
60°	176.7	181.2	186.5	190.6	194.1	211.1	230.8	264.8	313.6	355.2	352.5
62.5°	154.8	158.8	164.6	168.6	171.8	182.5	199.1	225.0	266.6	305.1	312.7
65°	135.5	138.7	142.7	144.5	148.5	156.6	170.0	193.2	227.2	261.7	267.1
67.5°	118.1	119.0	121.7	125.7	126.6	133.8	145.8	163.3	189.7	217.9	226.4
70°	99.3	100.6	102.9	106.0	107.8	112.3	122.6	134.2	157.0	181.6	187.9
72.5°	82.8	84.5	85.4	87.2	88.1	95.3	99.8	111.4	127.0	147.6	154.3
75°	67.1	68.9	69.3	70.2	71.1	74.3	80.5	87.7	100.6	114.1	123.0
77.5°	53.2	52.8	53.7	55.0	54.6	57.3	61.3	67.5	76.0	87.2	93.0
80°	37.6	37.6	38.9	40.3	39.8	42.5	43.8	48.3	55.5	62.6	64.9
82.5°	25.1	25.1	26.4	26.4	27.3	27.7	29.5	31.8	37.6	41.2	42.5
85°	14.3	14.3	14.8	14.8	14.8	15.7	17.0	17.9	19.7	21.9	22.8
87.5°	5.8	6.3	6.3	6.3	6.3	7.2	7.2	8.1	8.5	9.4	9.4
90°	17.2	16.7	16.2	15.9	15.5	14.7	13.8	13.0	12.2	11.0	9.8
92.5°	39.5	39.2	38.9	38.7	38.1	36.9	35.8	34.6	33.4	31.9	30.4
95°	64.6	64.3	64.0	63.8	63.2	62.0	60.9	59.7	58.5	56.8	55.1
97.5°	92.3	92.1	92.0	91.9	91.4	90.4	89.3	88.3	87.3	84.9	82.6
100°	123.8	123.5	123.2	123.0	122.2	120.7	119.2	117.7	116.2	114.0	111.8
102.5°	155.4	154.9	154.4	154.2	153.4	151.7	150.0	148.3	146.6	145.8	144.9
105°	187.3	186.8	186.3	186.1	185.6	184.6	183.5	182.5	181.5	180.5	179.5
107.5°	220.2	220.2	220.2	220.2	219.9	219.4	218.9	218.4	217.9	217.1	216.3
110°	257.0	257.2	257.3	257.4	257.2	256.7	256.2	255.7	255.2	254.7	254.2

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	293.1	293.4	293.7	293.9	293.8	293.6	293.5	293.3	293.1	292.4	291.8
115°	330.7	330.8	331.0	331.1	331.2	331.4	331.5	331.7	331.9	331.5	331.2
117.5°	368.1	368.8	369.5	369.8	369.7	369.6	369.4	369.3	369.1	368.8	368.4
120°	406.1	406.8	407.5	407.8	407.8	407.8	407.8	407.8	407.8	407.6	407.4
122.5°	443.7	444.2	444.7	445.0	445.1	445.3	445.4	445.6	445.8	445.3	444.8
125°	481.1	481.2	481.4	481.5	481.7	482.0	482.3	482.7	483.0	482.8	482.6
127.5°	517.9	518.2	518.5	518.7	518.8	518.9	519.1	519.2	519.4	519.2	519.1
130°	554.3	554.6	554.9	555.1	555.2	555.4	555.5	555.7	555.9	555.6	555.2
132.5°	588.8	589.3	589.8	590.1	590.2	590.3	590.5	590.6	590.8	591.0	591.2
135°	624.8	625.5	626.2	626.5	626.5	626.5	626.5	626.5	626.5	626.3	626.2
137.5°	660.1	660.9	661.8	662.2	662.1	661.9	661.8	661.6	661.4	661.1	660.7
140°	693.5	694.3	695.2	695.6	695.4	695.1	694.8	694.4	694.1	693.6	693.1
142.5°	725.4	726.2	727.1	727.5	727.4	727.3	727.1	727.0	726.8	726.1	725.4
145°	756.6	757.1	757.6	757.9	757.9	757.9	757.9	757.9	757.9	757.4	756.9
147.5°	784.9	786.3	787.6	788.3	788.0	787.5	787.0	786.5	786.0	785.7	785.3
150°	813.3	813.6	813.9	814.1	814.1	814.1	814.1	814.1	814.1	813.4	812.7
152.5°	839.0	839.7	840.4	840.7	840.4	839.9	839.4	838.9	838.4	838.2	838.0
155°	862.9	863.7	864.6	865.0	864.7	864.0	863.3	862.6	861.9	861.7	861.6
157.5°	883.3	884.4	885.6	886.2	885.9	885.2	884.5	883.9	883.2	883.0	882.8
160°	903.1	903.9	904.8	905.2	904.9	904.2	903.5	902.9	902.2	902.0	901.8
162.5°	920.9	921.9	922.9	923.4	923.0	922.1	921.3	920.4	919.6	919.6	919.6
165°	936.1	937.1	938.1	938.6	938.3	937.6	936.9	936.3	935.6	935.4	935.2
167.5°	949.0	950.0	951.0	951.5	951.0	950.0	949.0	948.0	947.0	947.0	947.0
170°	959.3	960.4	961.6	962.2	961.7	960.7	959.6	958.6	957.6	957.6	957.6
172.5°	967.2	968.3	969.3	969.8	969.3	968.3	967.2	966.2	965.2	965.2	965.2
175°	972.2	973.3	974.5	975.1	974.6	973.6	972.5	971.5	970.5	970.5	970.5
177.5°	975.2	976.3	977.5	978.1	977.6	976.6	975.6	974.6	973.6	973.8	973.9
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	542.2	539.9	537.2	537.2	534.1	532.8	530.1	529.2	527.0	523.4	520.7
5°	561.4	555.6	552.0	548.9	542.2	537.2	532.3	527.0	521.6	515.3	508.2
7.5°	580.2	569.5	564.5	559.2	549.3	539.0	529.2	522.0	514.9	505.0	496.1
10°	599.9	586.5	577.5	570.3	555.1	542.2	527.9	517.6	506.4	493.9	482.2
12.5°	616.4	599.0	591.4	578.0	560.5	544.9	527.0	511.3	496.5	481.8	467.5
15°	630.3	613.7	595.0	589.6	565.4	543.1	522.9	502.8	484.5	469.7	453.1
17.5°	634.8	613.7	604.3	591.4	562.7	539.5	514.0	492.1	474.6	452.7	439.7
20°	636.1	616.0	603.0	590.9	565.4	534.6	509.5	482.7	461.6	439.7	419.2
22.5°	632.5	608.8	596.3	584.7	556.0	529.6	500.6	471.0	446.4	426.3	405.7
25°	625.8	598.1	586.0	573.5	546.2	517.1	485.4	457.2	434.4	410.2	390.1
27.5°	616.9	585.1	571.2	558.3	531.4	504.1	474.2	445.1	419.6	394.1	375.3
30°	605.7	569.0	556.5	539.5	513.5	487.6	460.3	431.2	402.6	378.4	357.9
32.5°	591.4	552.9	536.4	520.2	492.1	468.4	442.4	415.1	387.4	363.7	342.2
35°	578.4	534.6	516.2	500.1	468.8	443.8	422.3	396.8	372.2	347.6	328.3
37.5°	561.0	516.2	494.3	477.8	446.0	420.5	400.4	380.7	354.7	331.0	313.1
40°	542.6	493.4	472.8	456.3	423.2	395.4	376.2	358.8	337.7	315.8	297.0
42.5°	526.1	471.5	449.6	429.4	395.9	371.3	351.6	338.2	318.9	299.3	282.3
45°	505.0	448.2	424.5	403.5	371.3	344.4	325.7	314.9	300.6	281.4	266.6
47.5°	483.6	423.2	398.6	378.0	343.1	319.4	301.1	290.8	280.9	265.7	251.0
50°	455.4	396.8	374.4	350.7	316.3	292.1	276.9	266.6	259.0	248.3	235.7
52.5°	424.5	369.5	345.3	324.8	290.8	268.8	251.4	245.6	238.0	229.9	219.2
55°	391.9	340.0	316.7	296.6	265.3	242.9	228.6	222.3	216.5	210.2	203.1
57.5°	359.2	309.1	287.2	269.3	240.2	218.7	207.1	198.6	194.6	191.0	185.2
60°	318.5	276.0	259.0	242.9	214.3	194.6	183.4	177.1	173.6	171.8	169.1
62.5°	282.7	247.8	229.0	213.4	190.6	173.1	162.4	157.5	154.3	153.4	150.3
65°	244.7	214.7	200.0	186.5	166.9	151.2	142.3	136.4	134.2	133.8	133.8
67.5°	208.9	184.7	170.0	160.6	143.6	129.7	121.2	119.0	117.6	115.9	115.4
70°	175.4	156.1	143.1	135.1	119.9	109.6	102.9	99.3	99.3	98.0	97.1
72.5°	145.8	126.6	118.1	111.4	98.9	89.9	85.0	84.1	81.0	80.5	80.5
75°	114.1	99.8	93.9	88.1	78.7	72.5	68.4	66.2	64.4	64.4	64.9
77.5°	85.9	76.0	70.7	66.2	59.5	55.5	52.3	51.4	49.7	49.7	49.7
80°	60.8	55.5	51.4	47.9	42.9	39.4	37.6	35.8	35.8	35.3	35.8
82.5°	39.4	34.9	32.7	32.2	27.7	26.4	24.2	24.6	23.3	22.8	23.7
85°	22.8	20.6	17.9	17.0	15.2	13.4	12.5	13.0	12.5	12.1	12.5
87.5°	8.9	7.6	7.2	7.2	5.8	5.4	4.9	5.4	4.5	4.5	4.9
90°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	28.9	27.4	26.6	26.2	25.3	24.5	23.6	22.8	23.6	24.5	25.3
95°	53.4	51.7	50.9	50.7	50.4	50.1	49.7	49.4	49.7	50.1	50.4
97.5°	80.2	77.9	76.7	76.6	76.4	76.3	76.1	75.9	76.1	76.3	76.4
100°	109.6	107.4	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3
102.5°	144.1	143.2	142.8	142.4	141.5	140.7	139.8	139.0	139.8	140.7	141.5
105°	178.4	177.4	176.9	176.5	175.6	174.8	173.9	173.1	173.9	174.8	175.6
107.5°	215.4	214.6	214.2	213.8	212.9	212.1	211.2	210.4	211.2	212.1	212.9
110°	253.7	253.2	252.9	252.5	251.6	250.8	249.9	249.1	249.9	250.8	251.6

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	291.1	290.4	290.1	289.9	289.6	289.3	288.9	288.6	288.9	289.3	289.6
115°	330.8	330.5	330.3	330.0	329.3	328.6	328.0	327.3	328.0	328.6	329.3
117.5°	368.1	367.8	367.6	367.5	367.3	367.2	367.0	366.8	367.0	367.2	367.3
120°	407.3	407.1	407.0	406.6	405.7	404.9	404.0	403.2	404.0	404.9	405.7
122.5°	444.3	443.8	443.5	443.4	443.2	443.1	442.9	442.7	442.9	443.1	443.2
125°	482.5	482.3	482.2	481.7	480.7	479.7	478.7	477.7	478.7	479.7	480.7
127.5°	518.9	518.8	518.7	518.4	517.9	517.4	516.9	516.4	516.9	517.4	517.9
130°	554.9	554.6	554.4	554.0	553.1	552.3	551.4	550.6	551.4	552.3	553.1
132.5°	591.3	591.5	591.6	590.8	589.3	587.8	586.2	584.7	586.2	587.8	589.3
135°	626.0	625.9	625.8	625.3	624.3	623.2	622.2	621.2	622.2	623.2	624.3
137.5°	660.4	660.1	659.9	659.4	658.4	657.4	656.4	655.4	656.4	657.4	658.4
140°	692.6	692.1	691.8	691.4	690.5	689.7	688.8	688.0	688.8	689.7	690.5
142.5°	724.7	724.0	723.7	723.4	722.7	722.0	721.4	720.7	721.4	722.0	722.7
145°	756.4	755.9	755.6	755.3	754.6	753.9	753.3	752.6	753.3	753.9	754.6
147.5°	785.0	784.7	784.5	784.2	783.7	783.2	782.7	782.2	782.7	783.2	783.7
150°	812.0	811.3	811.0	811.1	811.3	811.4	811.6	811.8	811.6	811.4	811.3
152.5°	837.9	837.7	837.6	837.4	837.1	836.8	836.4	836.1	836.4	836.8	837.1
155°	861.4	861.3	861.2	861.2	861.2	861.2	861.2	861.2	861.2	861.2	861.2
157.5°	882.7	882.5	882.4	882.6	882.9	883.2	883.6	883.9	883.6	883.2	882.9
160°	901.7	901.5	901.4	901.7	902.2	902.7	903.2	903.7	903.2	902.7	902.2
162.5°	919.6	919.6	919.6	919.8	920.1	920.5	920.8	921.2	920.8	920.5	920.1
165°	935.1	934.9	934.8	935.0	935.3	935.6	936.0	936.3	936.0	935.6	935.3
167.5°	947.0	947.0	947.0	947.3	948.0	948.7	949.3	950.0	949.3	948.7	948.0
170°	957.6	957.6	957.6	957.9	958.6	959.3	959.9	960.6	959.9	959.3	958.6
172.5°	965.2	965.2	965.2	965.5	966.2	966.9	967.5	968.2	967.5	966.9	966.2
175°	970.5	970.5	970.5	970.8	971.5	972.2	972.9	973.6	972.9	972.2	971.5
177.5°	974.1	974.2	974.3	974.6	975.3	976.0	976.7	977.4	976.7	976.0	975.3
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	519.8	518.9	516.7	515.3	510.9	505.5	503.7	499.2	501.0	497.9	497.9
5°	505.9	501.9	499.2	495.2	486.7	480.9	474.6	471.5	469.7	467.5	465.7
7.5°	488.0	484.9	482.2	474.6	465.2	457.2	449.6	446.4	440.6	436.6	434.8
10°	472.4	467.9	461.6	452.7	442.9	432.6	425.9	419.2	414.7	412.4	407.5
12.5°	456.3	450.9	444.2	431.2	420.5	414.2	402.2	395.9	393.7	391.9	386.0
15°	439.7	433.9	425.9	413.8	404.4	389.6	382.5	377.5	372.2	371.7	367.3
17.5°	425.0	417.8	411.1	396.3	384.7	371.7	367.7	362.3	357.4	352.1	349.8
20°	406.2	399.5	394.5	378.4	365.5	357.4	350.7	346.2	343.1	337.7	336.8
22.5°	389.2	382.0	375.3	363.2	352.1	341.8	333.7	328.8	327.4	325.2	321.2
25°	372.6	365.5	357.4	346.2	334.6	327.4	320.3	317.2	314.5	310.9	307.8
27.5°	358.8	352.1	344.4	330.6	320.7	315.4	307.8	304.2	300.6	298.8	297.5
30°	342.2	334.6	328.8	318.1	307.3	300.2	294.8	291.7	288.5	286.7	285.8
32.5°	326.1	318.9	314.9	303.3	294.8	286.3	282.3	280.0	278.2	276.5	274.7
35°	313.1	306.0	299.7	289.0	280.5	274.7	271.5	268.0	266.6	264.8	264.8
37.5°	297.0	291.7	285.4	275.1	267.5	263.0	260.3	255.9	255.4	254.5	253.2
40°	283.2	277.8	272.0	263.0	256.3	251.0	247.4	245.1	243.8	242.9	242.0
42.5°	268.4	262.6	259.9	249.6	243.8	238.4	236.6	234.4	234.0	232.2	229.9
45°	254.1	249.2	243.8	236.2	231.3	226.8	224.1	222.3	220.1	219.6	218.3
47.5°	241.6	235.7	230.8	223.7	218.3	214.7	212.5	210.2	208.5	207.1	205.8
50°	225.5	221.0	217.0	209.4	204.9	201.3	198.2	196.4	194.6	194.6	194.6
52.5°	209.8	205.8	202.2	196.8	191.5	188.3	184.7	183.4	182.5	181.2	182.5
55°	194.6	190.6	187.0	183.0	176.7	174.0	170.4	169.1	169.5	169.5	170.9
57.5°	178.5	175.4	173.1	168.2	162.4	159.7	157.5	156.1	156.1	157.9	158.4
60°	162.8	159.7	155.7	151.2	147.6	144.5	143.1	143.6	143.6	144.5	146.7
62.5°	145.4	143.6	141.4	135.1	132.9	130.6	128.8	130.2	129.7	132.0	135.1
65°	129.3	127.5	124.4	121.2	118.5	116.3	115.9	116.3	117.2	119.4	123.0
67.5°	111.4	111.4	108.7	106.0	103.8	101.5	102.0	102.4	103.3	106.0	111.4
70°	96.6	94.8	92.2	90.4	88.6	87.7	86.8	88.6	91.3	93.0	97.1
72.5°	80.5	79.2	76.9	75.2	74.7	73.8	73.4	74.3	76.9	80.1	84.5
75°	63.5	64.0	62.6	61.3	61.3	59.9	60.8	60.8	63.5	66.7	70.2
77.5°	49.2	48.8	48.3	47.4	47.0	47.0	47.0	47.9	50.5	52.3	55.9
80°	34.9	35.3	34.0	34.4	34.0	34.4	34.4	36.2	37.6	39.8	42.5
82.5°	23.3	23.3	22.4	22.8	22.8	22.8	23.3	24.2	25.9	27.7	29.5
85°	13.0	13.4	12.5	13.4	13.4	13.4	13.9	14.3	15.7	16.1	17.9
87.5°	4.9	5.8	5.8	4.9	5.4	5.8	6.3	5.8	6.7	7.6	8.1
90°	6.1	6.8	7.4	8.6	9.8	11.0	12.2	13.0	13.8	14.7	15.5
92.5°	26.2	26.6	27.4	28.9	30.4	31.9	33.4	34.6	35.8	36.9	38.1
95°	50.7	50.9	51.7	53.4	55.1	56.8	58.5	59.7	60.9	62.0	63.2
97.5°	76.6	76.7	77.9	80.2	82.6	84.9	87.3	88.3	89.3	90.4	91.4
100°	106.3	106.3	107.4	109.6	111.8	114.0	116.2	117.7	119.2	120.7	122.2
102.5°	142.4	142.8	143.2	144.1	144.9	145.8	146.6	148.3	150.0	151.7	153.4
105°	176.5	176.9	177.4	178.4	179.5	180.5	181.5	182.5	183.5	184.6	185.6
107.5°	213.8	214.2	214.6	215.4	216.3	217.1	217.9	218.4	218.9	219.4	219.9
110°	252.5	252.9	253.2	253.7	254.2	254.7	255.2	255.7	256.2	256.7	257.2

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	289.9	290.1	290.4	291.1	291.8	292.4	293.1	293.3	293.5	293.6	293.8
115°	330.0	330.3	330.5	330.8	331.2	331.5	331.9	331.7	331.5	331.4	331.2
117.5°	367.5	367.6	367.8	368.1	368.4	368.8	369.1	369.3	369.4	369.6	369.7
120°	406.6	407.0	407.1	407.3	407.4	407.6	407.8	407.8	407.8	407.8	407.8
122.5°	443.4	443.5	443.8	444.3	444.8	445.3	445.8	445.6	445.4	445.3	445.1
125°	481.7	482.2	482.3	482.5	482.6	482.8	483.0	482.7	482.3	482.0	481.7
127.5°	518.4	518.7	518.8	518.9	519.1	519.2	519.4	519.2	519.1	518.9	518.8
130°	554.0	554.4	554.6	554.9	555.2	555.6	555.9	555.7	555.5	555.4	555.2
132.5°	590.8	591.6	591.5	591.3	591.2	591.0	590.8	590.6	590.5	590.3	590.2
135°	625.3	625.8	625.9	626.0	626.2	626.3	626.5	626.5	626.5	626.5	626.5
137.5°	659.4	659.9	660.1	660.4	660.7	661.1	661.4	661.6	661.8	661.9	662.1
140°	691.4	691.8	692.1	692.6	693.1	693.6	694.1	694.4	694.8	695.1	695.4
142.5°	723.4	723.7	724.0	724.7	725.4	726.1	726.8	727.0	727.1	727.3	727.4
145°	755.3	755.6	755.9	756.4	756.9	757.4	757.9	757.9	757.9	757.9	757.9
147.5°	784.2	784.5	784.7	785.0	785.3	785.7	786.0	786.5	787.0	787.5	788.0
150°	811.1	811.0	811.3	812.0	812.7	813.4	814.1	814.1	814.1	814.1	814.1
152.5°	837.4	837.6	837.7	837.9	838.0	838.2	838.4	838.9	839.4	839.9	840.4
155°	861.2	861.2	861.3	861.4	861.6	861.7	861.9	862.6	863.3	864.0	864.7
157.5°	882.6	882.4	882.5	882.7	882.8	883.0	883.2	883.9	884.5	885.2	885.9
160°	901.7	901.4	901.5	901.7	901.8	902.0	902.2	902.9	903.5	904.2	904.9
162.5°	919.8	919.6	919.6	919.6	919.6	919.6	919.6	920.4	921.3	922.1	923.0
165°	935.0	934.8	934.9	935.1	935.2	935.4	935.6	936.3	936.9	937.6	938.3
167.5°	947.3	947.0	947.0	947.0	947.0	947.0	947.0	948.0	949.0	950.0	951.0
170°	957.9	957.6	957.6	957.6	957.6	957.6	957.6	958.6	959.6	960.7	961.7
172.5°	965.5	965.2	965.2	965.2	965.2	965.2	965.2	966.2	967.2	968.3	969.3
175°	970.8	970.5	970.5	970.5	970.5	970.5	970.5	971.5	972.5	973.6	974.6
177.5°	974.6	974.3	974.2	974.1	973.9	973.8	973.6	974.6	975.6	976.6	977.6
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	499.7	496.5	496.1	497.0	495.2	497.9	497.0	497.9	495.6	497.9	496.5
5°	465.2	464.3	462.5	460.3	460.8	461.2	463.4	461.2	463.0	463.4	465.7
7.5°	433.0	431.2	432.6	431.7	427.7	426.8	427.7	429.0	431.7	433.5	434.8
10°	407.1	406.2	404.4	403.0	400.8	399.5	401.3	399.5	403.0	406.2	406.2
12.5°	387.4	383.8	381.6	381.1	376.2	377.1	378.9	380.2	384.3	386.0	386.0
15°	366.8	364.1	363.2	361.4	359.7	361.4	360.6	361.9	363.7	365.5	366.4
17.5°	348.9	348.5	348.9	344.4	345.8	343.6	344.0	346.2	344.9	346.2	348.9
20°	332.8	333.7	332.4	330.6	330.6	327.9	331.0	330.1	330.6	333.3	337.3
22.5°	320.7	320.3	318.9	317.6	315.8	316.3	316.7	315.8	319.4	321.6	322.1
25°	307.8	306.9	306.4	305.1	303.3	305.1	304.6	305.1	306.0	309.6	306.9
27.5°	295.7	293.9	294.8	293.5	293.0	293.5	293.5	293.9	294.8	295.2	295.7
30°	285.4	283.6	283.2	282.3	281.8	282.3	283.2	282.3	285.8	285.4	285.4
32.5°	274.2	272.9	272.0	272.0	271.5	271.1	271.5	272.0	274.7	272.9	274.7
35°	263.5	262.6	262.6	261.7	261.2	261.2	261.2	263.0	262.1	263.5	263.5
37.5°	253.2	253.2	252.7	251.8	251.4	251.8	251.4	252.3	251.8	252.3	252.7
40°	242.5	241.6	241.1	241.1	239.8	238.4	239.8	239.8	240.2	241.6	242.0
42.5°	229.5	229.9	229.9	228.1	228.1	228.1	228.6	229.0	229.0	229.9	229.9
45°	218.3	217.4	217.4	217.4	216.5	217.0	217.9	217.9	217.9	217.9	217.0
47.5°	205.8	205.8	206.2	206.2	207.6	207.1	207.1	206.7	205.8	205.8	206.2
50°	194.1	195.5	195.9	195.9	196.4	196.8	196.8	195.9	195.5	194.1	194.1
52.5°	183.0	183.9	184.7	186.1	187.0	186.5	186.5	185.6	183.9	183.4	183.0
55°	170.9	172.2	174.0	175.4	176.7	177.1	177.1	175.4	173.6	171.3	171.3
57.5°	159.7	161.0	164.2	165.5	167.3	167.3	166.4	165.1	162.4	160.6	159.3
60°	148.5	150.8	153.0	155.7	157.9	158.4	157.0	155.2	152.1	149.9	148.1
62.5°	136.4	138.7	143.1	145.8	147.6	147.6	147.6	145.4	141.4	138.2	135.5
65°	124.8	127.0	131.1	134.6	136.0	137.3	136.0	133.8	130.6	127.0	124.4
67.5°	112.7	115.4	119.4	122.1	123.9	125.3	124.4	122.6	118.5	113.6	111.8
70°	99.3	100.6	106.5	109.1	111.8	112.7	111.8	109.1	105.1	99.8	98.0
72.5°	86.8	88.1	93.5	95.7	98.0	98.9	97.5	95.7	92.2	87.2	85.0
75°	72.5	74.7	77.4	81.0	83.7	84.5	83.2	81.9	77.4	74.3	72.5
77.5°	57.3	59.5	63.1	66.2	68.9	68.4	66.7	67.1	62.2	58.6	57.3
80°	43.4	45.2	47.9	50.5	51.9	51.9	51.4	49.7	47.9	45.2	42.9
82.5°	30.0	32.2	34.4	36.2	36.2	36.7	35.8	35.3	33.5	31.3	30.9
85°	17.9	18.3	20.1	20.1	21.9	21.0	20.6	21.9	20.1	18.8	18.3
87.5°	8.1	7.6	8.1	8.1	7.6	8.5	8.5	8.1	8.5	8.1	8.1
90°	15.9	16.2	16.7	17.2	17.7	18.2	17.7	17.2	16.7	16.2	15.9
92.5°	38.7	38.9	39.2	39.5	39.9	40.2	39.9	39.5	39.2	38.9	38.7
95°	63.8	64.0	64.3	64.6	65.0	65.3	65.0	64.6	64.3	64.0	63.8
97.5°	91.9	92.0	92.1	92.3	92.4	92.6	92.4	92.3	92.1	92.0	91.9
100°	123.0	123.2	123.5	123.8	124.2	124.5	124.2	123.8	123.5	123.2	123.0
102.5°	154.2	154.4	154.9	155.4	155.9	156.4	155.9	155.4	154.9	154.4	154.2
105°	186.1	186.3	186.8	187.3	187.8	188.3	187.8	187.3	186.8	186.3	186.1
107.5°	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2	220.2
110°	257.4	257.3	257.2	257.0	256.9	256.7	256.9	257.0	257.2	257.3	257.4

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	293.9	293.7	293.4	293.1	292.7	292.4	292.7	293.1	293.4	293.7	293.9
115°	331.1	331.0	330.8	330.7	330.5	330.3	330.5	330.7	330.8	331.0	331.1
117.5°	369.8	369.5	368.8	368.1	367.5	366.8	367.5	368.1	368.8	369.5	369.8
120°	407.8	407.5	406.8	406.1	405.5	404.8	405.5	406.1	406.8	407.5	407.8
122.5°	445.0	444.7	444.2	443.7	443.2	442.7	443.2	443.7	444.2	444.7	445.0
125°	481.5	481.4	481.2	481.1	480.9	480.7	480.9	481.1	481.2	481.4	481.5
127.5°	518.7	518.5	518.2	517.9	517.5	517.2	517.5	517.9	518.2	518.5	518.7
130°	555.1	554.9	554.6	554.3	553.9	553.6	553.9	554.3	554.6	554.9	555.1
132.5°	590.1	589.8	589.3	588.8	588.3	587.8	588.3	588.8	589.3	589.8	590.1
135°	626.5	626.2	625.5	624.8	624.2	623.5	624.2	624.8	625.5	626.2	626.5
137.5°	662.2	661.8	660.9	660.1	659.2	658.4	659.2	660.1	660.9	661.8	662.2
140°	695.6	695.2	694.3	693.5	692.6	691.8	692.6	693.5	694.3	695.2	695.6
142.5°	727.5	727.1	726.2	725.4	724.5	723.7	724.5	725.4	726.2	727.1	727.5
145°	757.9	757.6	757.1	756.6	756.1	755.6	756.1	756.6	757.1	757.6	757.9
147.5°	788.3	787.6	786.3	784.9	783.6	782.2	783.6	784.9	786.3	787.6	788.3
150°	814.1	813.9	813.6	813.3	812.9	812.6	812.9	813.3	813.6	813.9	814.1
152.5°	840.7	840.4	839.7	839.0	838.3	837.6	838.3	839.0	839.7	840.4	840.7
155°	865.0	864.6	863.7	862.9	862.0	861.2	862.0	862.9	863.7	864.6	865.0
157.5°	886.2	885.6	884.4	883.3	882.1	880.9	882.1	883.3	884.4	885.6	886.2
160°	905.2	904.8	903.9	903.1	902.2	901.4	902.2	903.1	903.9	904.8	905.2
162.5°	923.4	922.9	921.9	920.9	919.9	918.9	919.9	920.9	921.9	922.9	923.4
165°	938.6	938.1	937.1	936.1	935.1	934.1	935.1	936.1	937.1	938.1	938.6
167.5°	951.5	951.0	950.0	949.0	948.0	947.0	948.0	949.0	950.0	951.0	951.5
170°	962.2	961.6	960.4	959.3	958.1	956.9	958.1	959.3	960.4	961.6	962.2
172.5°	969.8	969.3	968.3	967.2	966.2	965.2	966.2	967.2	968.3	969.3	969.8
175°	975.1	974.5	973.3	972.2	971.0	969.8	971.0	972.2	973.3	974.5	975.1
177.5°	978.1	977.5	976.3	975.2	974.0	972.8	974.0	975.2	976.3	977.5	978.1
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	500.6	497.9	501.0	497.0	497.9	502.8	502.4	506.8	509.5	509.1	511.3
5°	467.5	467.5	468.8	468.4	472.8	476.9	482.2	486.7	491.6	494.3	497.4
7.5°	434.8	439.3	440.2	442.4	447.8	454.5	459.9	466.6	473.7	478.6	482.2
10°	408.0	411.5	415.1	416.9	422.7	431.7	439.3	450.0	459.0	464.3	469.3
12.5°	384.3	388.3	390.1	398.1	402.2	408.0	418.7	430.3	440.2	446.0	450.0
15°	367.3	369.5	373.5	378.4	382.5	389.6	398.6	411.5	420.9	425.9	439.7
17.5°	352.9	355.6	357.9	360.1	366.4	374.0	382.5	393.7	405.7	414.2	421.4
20°	338.2	339.5	342.2	345.8	350.3	357.4	365.0	376.7	387.4	394.1	403.5
22.5°	320.7	324.8	327.4	330.1	335.1	343.1	350.3	358.8	372.2	379.8	389.6
25°	310.4	312.2	314.0	317.2	320.7	327.9	335.9	344.9	355.6	363.7	372.2
27.5°	297.0	299.7	301.9	306.0	308.2	314.0	321.6	330.6	343.6	350.3	357.4
30°	285.8	288.5	290.3	292.1	295.2	301.5	308.7	315.8	327.9	336.4	343.6
32.5°	274.7	277.3	279.6	280.9	284.1	288.1	293.9	302.8	313.1	318.9	328.3
35°	264.8	264.8	267.5	269.3	272.0	275.6	280.9	287.6	298.4	306.0	314.5
37.5°	253.6	254.1	256.3	257.7	260.3	263.9	269.3	275.6	284.5	290.3	298.8
40°	242.0	243.3	244.2	246.5	249.6	251.0	256.3	263.5	272.4	277.8	285.0
42.5°	230.4	231.3	233.5	235.3	238.0	240.2	243.8	250.5	257.2	265.3	271.1
45°	217.4	219.6	221.0	224.1	225.5	227.7	231.3	236.6	244.7	249.6	256.3
47.5°	206.2	207.1	208.0	212.0	214.7	216.1	219.6	222.8	231.3	235.7	242.0
50°	194.1	194.1	195.5	197.3	200.4	203.1	206.2	209.8	216.5	221.0	227.2
52.5°	183.0	181.6	182.5	183.4	186.5	189.2	192.4	197.3	203.5	206.2	211.6
55°	170.9	168.6	170.0	171.3	172.2	175.8	179.4	182.5	187.4	191.5	196.4
57.5°	157.9	157.5	156.6	157.0	159.3	161.5	164.2	168.2	174.0	177.1	179.8
60°	146.3	143.6	142.7	143.6	144.9	146.3	149.9	153.4	158.4	161.5	164.6
62.5°	134.2	131.5	129.7	128.4	129.7	132.9	135.1	137.8	141.8	145.4	148.1
65°	122.6	118.5	116.8	115.9	115.4	117.6	119.4	123.0	126.6	127.9	131.1
67.5°	109.6	106.0	103.8	102.4	102.4	102.4	104.2	107.8	111.4	111.8	115.0
70°	96.6	92.6	90.4	88.6	87.7	88.6	90.8	91.3	94.4	95.3	97.1
72.5°	82.8	79.2	76.5	74.3	74.7	75.6	75.6	76.5	78.3	80.5	80.5
75°	69.8	64.9	63.5	61.7	60.8	60.8	60.8	62.6	64.0	65.8	65.3
77.5°	55.0	52.3	49.7	48.8	47.4	47.0	47.9	47.9	48.8	50.1	50.5
80°	42.5	39.4	37.6	36.7	34.9	34.4	34.9	34.9	36.2	35.8	36.2
82.5°	29.5	27.3	25.9	24.6	23.7	24.2	23.7	23.7	24.2	23.7	23.7
85°	17.0	16.6	15.7	15.2	14.8	13.9	14.8	14.3	13.9	13.4	14.3
87.5°	8.1	7.6	7.6	6.7	6.7	6.3	6.7	6.7	6.3	6.3	6.3
90°	15.5	14.7	13.8	13.0	12.2	11.0	9.8	8.6	7.4	6.8	6.1
92.5°	38.1	36.9	35.8	34.6	33.4	31.9	30.4	28.9	27.4	26.6	26.2
95°	63.2	62.0	60.9	59.7	58.5	56.8	55.1	53.4	51.7	50.9	50.7
97.5°	91.4	90.4	89.3	88.3	87.3	84.9	82.6	80.2	77.9	76.7	76.6
100°	122.2	120.7	119.2	117.7	116.2	114.0	111.8	109.6	107.4	106.3	106.3
102.5°	153.4	151.7	150.0	148.3	146.6	145.8	144.9	144.1	143.2	142.8	142.4
105°	185.6	184.6	183.5	182.5	181.5	180.5	179.5	178.4	177.4	176.9	176.5
107.5°	219.9	219.4	218.9	218.4	217.9	217.1	216.3	215.4	214.6	214.2	213.8
110°	257.2	256.7	256.2	255.7	255.2	254.7	254.2	253.7	253.2	252.9	252.5

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	293.8	293.6	293.5	293.3	293.1	292.4	291.8	291.1	290.4	290.1	289.9
115°	331.2	331.4	331.5	331.7	331.9	331.5	331.2	330.8	330.5	330.3	330.0
117.5°	369.7	369.6	369.4	369.3	369.1	368.8	368.4	368.1	367.8	367.6	367.5
120°	407.8	407.8	407.8	407.8	407.8	407.6	407.4	407.3	407.1	407.0	406.6
122.5°	445.1	445.3	445.4	445.6	445.8	445.3	444.8	444.3	443.8	443.5	443.4
125°	481.7	482.0	482.3	482.7	483.0	482.8	482.6	482.5	482.3	482.2	481.7
127.5°	518.8	518.9	519.1	519.2	519.4	519.2	519.1	518.9	518.8	518.7	518.4
130°	555.2	555.4	555.5	555.7	555.9	555.6	555.2	554.9	554.6	554.4	554.0
132.5°	590.2	590.3	590.5	590.6	590.8	591.0	591.2	591.3	591.5	591.6	590.8
135°	626.5	626.5	626.5	626.5	626.5	626.3	626.2	626.0	625.9	625.8	625.3
137.5°	662.1	661.9	661.8	661.6	661.4	661.1	660.7	660.4	660.1	659.9	659.4
140°	695.4	695.1	694.8	694.4	694.1	693.6	693.1	692.6	692.1	691.8	691.4
142.5°	727.4	727.3	727.1	727.0	726.8	726.1	725.4	724.7	724.0	723.7	723.4
145°	757.9	757.9	757.9	757.9	757.9	757.4	756.9	756.4	755.9	755.6	755.3
147.5°	788.0	787.5	787.0	786.5	786.0	785.7	785.3	785.0	784.7	784.5	784.2
150°	814.1	814.1	814.1	814.1	814.1	813.4	812.7	812.0	811.3	811.0	811.1
152.5°	840.4	839.9	839.4	838.9	838.4	838.2	838.0	837.9	837.7	837.6	837.4
155°	864.7	864.0	863.3	862.6	861.9	861.7	861.6	861.4	861.3	861.2	861.2
157.5°	885.9	885.2	884.5	883.9	883.2	883.0	882.8	882.7	882.5	882.4	882.6
160°	904.9	904.2	903.5	902.9	902.2	902.0	901.8	901.7	901.5	901.4	901.7
162.5°	923.0	922.1	921.3	920.4	919.6	919.6	919.6	919.6	919.6	919.6	919.8
165°	938.3	937.6	936.9	936.3	935.6	935.4	935.2	935.1	934.9	934.8	935.0
167.5°	951.0	950.0	949.0	948.0	947.0	947.0	947.0	947.0	947.0	947.0	947.3
170°	961.7	960.7	959.6	958.6	957.6	957.6	957.6	957.6	957.6	957.6	957.9
172.5°	969.3	968.3	967.2	966.2	965.2	965.2	965.2	965.2	965.2	965.2	965.5
175°	974.6	973.6	972.5	971.5	970.5	970.5	970.5	970.5	970.5	970.5	970.8
177.5°	977.6	976.6	975.6	974.6	973.6	973.8	973.9	974.1	974.2	974.3	974.6
180°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	527.0	527.0	527.0	527.0
2.5°	514.4	518.9	522.0	527.9
5°	502.8	510.9	518.5	526.5
7.5°	491.2	500.6	512.6	522.9
10°	478.2	490.3	504.6	518.5
12.5°	465.2	479.5	495.2	513.5
15°	449.6	467.9	486.3	505.9
17.5°	435.7	454.5	474.2	498.8
20°	420.0	440.6	462.1	487.1
22.5°	406.2	429.0	451.4	477.8
25°	390.5	412.9	437.5	465.7
27.5°	377.5	398.1	422.3	452.7
30°	361.9	384.3	408.4	438.8
32.5°	347.1	368.6	394.1	424.1
35°	331.9	353.8	376.7	405.3
37.5°	317.6	336.4	359.2	386.5
40°	301.5	322.1	342.7	364.1
42.5°	286.7	305.5	324.8	341.8
45°	270.2	286.3	304.6	318.5
47.5°	255.0	269.3	283.6	294.3
50°	239.8	251.0	261.7	271.1
52.5°	221.9	234.4	240.2	246.0
55°	205.8	212.9	218.3	224.1
57.5°	190.1	193.2	195.9	201.3
60°	169.5	173.1	176.2	180.3
62.5°	151.6	153.4	154.3	158.4
65°	134.6	134.2	136.4	138.7
67.5°	116.3	115.9	118.1	119.0
70°	98.4	98.0	98.4	100.6
72.5°	81.4	81.4	81.9	82.8
75°	65.8	65.8	66.2	67.1
77.5°	49.7	50.5	50.1	51.9
80°	36.2	35.3	36.2	37.1
82.5°	23.7	24.6	24.6	23.7
85°	13.4	13.4	13.4	13.4
87.5°	5.8	5.8	6.3	6.7
90°	4.8	3.5	2.1	0.8
92.5°	25.3	24.5	23.6	22.8
95°	50.4	50.1	49.7	49.4
97.5°	76.4	76.3	76.1	75.9
100°	106.3	106.3	106.3	106.3
102.5°	141.5	140.7	139.8	139.0
105°	175.6	174.8	173.9	173.1
107.5°	212.9	212.1	211.2	210.4
110°	251.6	250.8	249.9	249.1

TEST NUMBER: P1027956

CATALOG NUMBER: S125DIP-B375D850UB40-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	289.6	289.3	288.9	288.6
115°	329.3	328.6	328.0	327.3
117.5°	367.3	367.2	367.0	366.8
120°	405.7	404.9	404.0	403.2
122.5°	443.2	443.1	442.9	442.7
125°	480.7	479.7	478.7	477.7
127.5°	517.9	517.4	516.9	516.4
130°	553.1	552.3	551.4	550.6
132.5°	589.3	587.8	586.2	584.7
135°	624.3	623.2	622.2	621.2
137.5°	658.4	657.4	656.4	655.4
140°	690.5	689.7	688.8	688.0
142.5°	722.7	722.0	721.4	720.7
145°	754.6	753.9	753.3	752.6
147.5°	783.7	783.2	782.7	782.2
150°	811.3	811.4	811.6	811.8
152.5°	837.1	836.8	836.4	836.1
155°	861.2	861.2	861.2	861.2
157.5°	882.9	883.2	883.6	883.9
160°	902.2	902.7	903.2	903.7
162.5°	920.1	920.5	920.8	921.2
165°	935.3	935.6	936.0	936.3
167.5°	948.0	948.7	949.3	950.0
170°	958.6	959.3	959.9	960.6
172.5°	966.2	966.9	967.5	968.2
175°	971.5	972.2	972.9	973.6
177.5°	975.3	976.0	976.7	977.4
180°	975.8	975.8	975.8	975.8

(END OF REPORT)