

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: P1027893

Luminaire Tested: S125DIP-B375D610UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027893
REPORT IS A COMBINATION OF REPORTS P1002024 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D610UB30-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

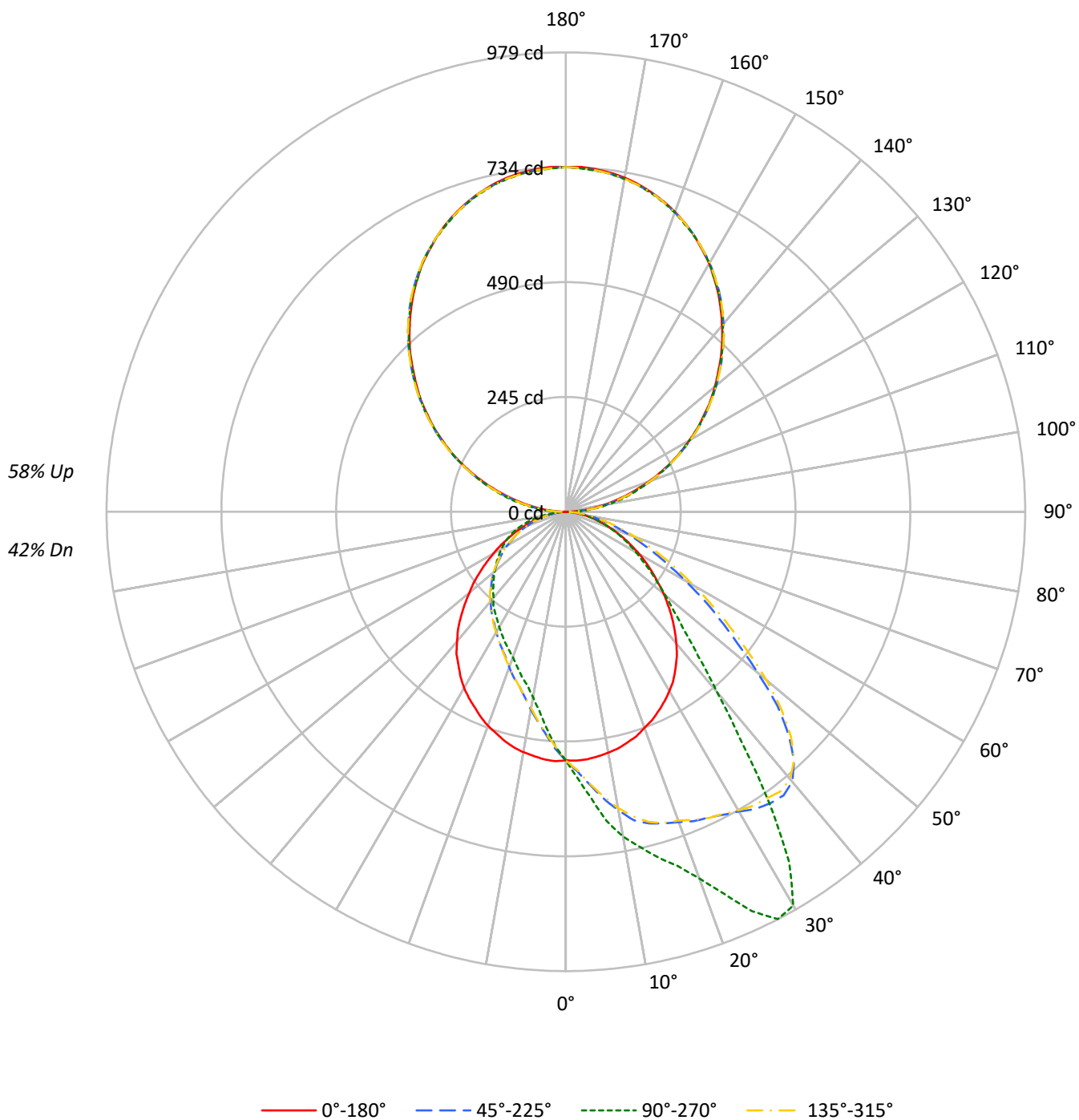
Lumens per Lamp: N/A
Luminaire Lumens: 3545.9 lumens
Efficiency: N/A
Efficacy: 124.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 28.4
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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	44	43	42
2	88	81	75	70	80	74	69	64	61	57	54	49	47	45	39	37	35
3	80	71	64	58	73	65	59	54	54	49	46	44	41	38	34	32	30
4	73	63	55	49	67	58	51	46	48	43	39	39	35	33	31	28	26
5	67	56	48	42	61	51	44	39	43	38	34	35	31	28	28	25	23
6	62	50	42	37	56	46	39	34	39	33	29	32	28	25	25	22	20
7	57	45	37	32	52	42	35	30	35	30	26	29	25	22	23	20	18
8	53	41	33	28	48	38	31	26	32	27	23	26	22	19	21	18	16
9	49	37	30	25	45	35	28	23	29	24	20	24	20	17	19	17	14
10	46	34	27	22	42	32	25	21	27	22	18	22	18	16	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3394	3394	3394	3394
5°	3397	3851	3400	2921
10°	3376	4389	3370	2508
15°	3352	4759	3331	2266
20°	3309	5215	3279	2069
25°	3272	5975	3212	1952
30°	3218	6304	3162	1846
35°	3132	5053	3066	1760
40°	2999	3493	2955	1671
45°	2831	2600	2799	1596
50°	2638	2141	2594	1537
55°	2430	1826	2411	1485
60°	2226	1563	2187	1444
65°	2006	1350	1974	1386
70°	1774	1120	1749	1283
75°	1528	866	1508	1114
80°	1205	586	1163	819
85°	772	292	743	417

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5185 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	1.4
10°-20°	151.9	4.3
20°-30°	246.7	7.0
30°-40°	301.5	8.5
40°-50°	273.5	7.7
50°-60°	217.8	6.1
60°-70°	151.7	4.3
70°-80°	80.8	2.3
80°-90°	21.2	0.6
90°-100°	48.8	1.4
100°-110°	145.1	4.1
110°-120°	246.1	6.9
120°-130°	323.9	9.1
130°-140°	363.0	10.2
140°-150°	355.8	10.0
150°-160°	298.9	8.4
160°-170°	198.7	5.6
170°-180°	69.5	2.0
0°-30°	449.6	12.7
0°-40°	751.1	21.2
0°-60°	1242.4	35.0
0°-90°	1496.1	42.2
90°-120°	440.0	12.4
90°-150°	1482.7	41.8
90°-180°	2050.0	57.8
0°-180°	3545.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	530	530	530	530	530	
5°	529	611	530	464	529	50
15°	509	763	506	363	509	144
25°	468	939	460	307	468	216
35°	408	754	399	263	408	254
45°	320	355	317	218	320	247
55°	225	219	224	178	225	202
65°	139	134	137	138	139	138
75°	68	66	67	85	68	72
85°	14	15	13	21	14	16
90°	1	14	1	14	1	3
95°	37	49	37	49	37	39
105°	130	142	130	142	130	139
115°	246	249	246	249	246	244
125°	360	362	360	362	360	322
135°	468	469	468	469	468	360
145°	566	569	566	569	566	354
155°	648	648	648	648	648	299
165°	705	703	705	703	705	199
175°	733	730	733	730	733	70
180°	734	734	734	734	734	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	530.7	533.8	537.4	540.1	544.6	546.0	548.2	549.6	550.9	552.3	553.2
5°	529.3	537.0	543.7	548.7	557.2	560.4	564.4	569.4	575.2	580.2	583.3
7.5°	525.7	537.9	546.9	556.8	568.5	576.1	580.2	590.5	600.0	607.1	616.6
10°	521.2	535.6	549.6	564.4	581.1	589.6	597.7	612.1	625.1	636.8	646.3
12.5°	516.3	533.8	550.5	569.8	592.3	602.7	608.0	632.8	649.0	655.3	673.7
15°	508.7	529.3	553.2	577.0	595.9	608.0	622.9	642.7	658.9	672.8	687.7
17.5°	501.5	523.9	548.2	574.8	602.2	617.9	629.2	646.7	664.3	682.3	696.2
20°	489.8	519.0	543.7	572.1	604.5	615.7	627.4	648.1	667.0	686.3	703.8
22.5°	480.3	508.2	541.9	568.9	596.4	607.6	622.0	643.6	666.1	688.1	713.7
25°	468.2	499.2	528.4	557.2	585.6	597.7	610.7	638.6	662.0	690.4	718.7
27.5°	455.1	487.1	516.3	542.4	568.9	585.6	599.5	628.7	659.8	690.8	727.7
30°	441.2	471.3	499.2	524.8	554.1	571.2	585.1	619.3	653.9	693.5	737.6
32.5°	426.4	454.7	478.5	504.6	535.6	551.4	570.3	607.6	648.5	695.7	751.1
35°	407.5	434.4	455.6	482.1	513.2	533.4	553.2	595.0	642.7	695.3	758.7
37.5°	388.6	409.7	430.0	458.3	494.3	512.7	533.4	579.3	633.7	693.9	761.9
40°	366.1	386.8	404.3	433.1	470.9	492.0	513.6	561.7	623.3	689.0	750.6
42.5°	343.6	361.1	380.5	410.6	447.0	469.5	492.5	546.0	609.8	674.6	719.6
45°	320.2	333.7	354.8	382.3	421.0	442.5	468.6	526.6	591.0	648.5	671.0
47.5°	295.9	309.4	329.2	355.7	394.0	419.6	444.3	502.4	567.1	611.6	611.6
50°	272.5	283.3	302.7	329.2	367.9	391.3	416.5	478.1	530.2	563.1	533.8
52.5°	247.4	259.5	275.7	303.6	341.8	362.9	390.4	443.0	492.5	506.0	461.0
55°	225.3	235.2	250.5	277.0	312.6	334.6	358.0	408.4	450.2	449.3	401.2
57.5°	202.4	210.5	226.7	251.0	283.8	303.6	327.0	370.6	404.8	392.6	347.2
60°	181.2	187.1	202.8	222.6	254.1	272.5	295.0	330.6	356.6	339.6	293.7
62.5°	159.2	166.0	178.5	197.9	225.8	240.6	257.3	293.2	309.9	294.6	247.8
65°	139.4	144.8	156.1	172.3	197.4	210.9	225.3	255.0	270.7	248.7	210.0
67.5°	119.6	125.9	134.0	148.4	168.2	180.8	193.4	219.0	226.2	206.4	174.0
70°	101.2	106.6	114.2	124.6	141.2	152.5	161.9	183.0	188.0	169.6	143.9
72.5°	83.2	86.8	93.1	101.6	116.9	123.2	133.1	147.5	153.8	137.2	118.7
75°	67.5	70.2	74.2	80.5	90.8	97.6	105.7	119.2	118.7	107.0	94.0
77.5°	52.2	52.6	57.1	63.0	69.3	75.1	79.2	88.6	89.5	82.3	71.5
80°	37.3	38.7	40.5	45.0	50.4	52.6	57.6	63.4	64.3	58.9	51.7
82.5°	23.8	24.7	26.1	28.8	32.4	35.1	37.8	40.0	42.3	39.1	33.3
85°	13.5	13.9	15.3	16.2	18.0	19.3	21.6	23.8	23.4	21.1	19.3
87.5°	6.7	6.7	6.7	7.6	8.5	8.5	9.4	9.9	10.3	9.4	8.5
90°	0.6	1.6	2.6	3.6	4.6	5.1	5.5	6.4	7.3	8.2	9.1
92.5°	17.1	17.7	18.4	19.0	19.7	20.0	20.6	21.7	22.8	24.0	25.1
95°	37.2	37.4	37.7	37.9	38.2	38.3	38.9	40.2	41.5	42.7	44.0
97.5°	57.2	57.3	57.4	57.5	57.6	57.7	58.6	60.4	62.1	63.9	65.7
100°	80.0	80.0	80.0	80.0	80.0	80.0	80.8	82.5	84.2	85.8	87.5
102.5°	104.6	105.2	105.9	106.5	107.2	107.5	107.8	108.4	109.1	109.7	110.3
105°	130.3	130.9	131.6	132.2	132.9	133.2	133.6	134.3	135.1	135.8	136.6
107.5°	158.3	158.9	159.6	160.2	160.9	161.2	161.5	162.1	162.8	163.4	164.0
110°	187.5	188.1	188.7	189.4	190.0	190.3	190.5	190.9	191.2	191.6	192.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	217.2	217.4	217.7	217.9	218.2	218.3	218.6	219.1	219.6	220.1	220.6
115°	246.3	246.8	247.3	247.8	248.3	248.6	248.7	249.0	249.3	249.5	249.8
117.5°	276.1	276.2	276.3	276.4	276.5	276.6	276.7	277.0	277.3	277.5	277.8
120°	303.5	304.1	304.8	305.4	306.1	306.4	306.5	306.6	306.7	306.8	306.9
122.5°	333.2	333.3	333.5	333.6	333.7	333.8	334.0	334.4	334.7	335.1	335.5
125°	359.5	360.3	361.1	361.8	362.6	363.0	363.1	363.2	363.3	363.4	363.5
127.5°	388.7	389.1	389.5	389.8	390.2	390.4	390.5	390.6	390.7	390.9	391.0
130°	414.4	415.0	415.6	416.3	416.9	417.2	417.3	417.6	417.9	418.1	418.4
132.5°	440.1	441.3	442.4	443.6	444.7	445.3	445.2	445.1	445.0	444.8	444.7
135°	467.5	468.3	469.1	469.8	470.6	471.0	471.1	471.2	471.3	471.4	471.5
137.5°	493.3	494.1	494.8	495.6	496.3	496.7	496.8	497.1	497.3	497.6	497.8
140°	517.8	518.4	519.1	519.7	520.4	520.7	520.9	521.3	521.6	522.0	522.4
142.5°	542.4	542.9	543.4	543.9	544.4	544.7	545.0	545.5	546.0	546.5	547.0
145°	566.4	566.9	567.4	567.9	568.4	568.7	568.9	569.3	569.6	570.0	570.4
147.5°	588.7	589.1	589.5	589.8	590.2	590.4	590.5	590.8	591.1	591.3	591.6
150°	611.0	610.9	610.7	610.6	610.5	610.4	610.7	611.2	611.7	612.2	612.7
152.5°	629.3	629.5	629.8	630.0	630.3	630.4	630.5	630.6	630.7	630.9	631.0
155°	648.2	648.2	648.2	648.2	648.2	648.2	648.3	648.4	648.5	648.6	648.7
157.5°	665.3	665.1	664.8	664.6	664.3	664.2	664.3	664.4	664.5	664.6	664.7
160°	680.2	679.8	679.4	679.1	678.7	678.5	678.6	678.7	678.8	678.9	679.0
162.5°	693.3	693.1	692.8	692.6	692.3	692.2	692.2	692.2	692.2	692.2	692.2
165°	704.8	704.5	704.3	704.0	703.7	703.6	703.7	703.8	703.9	704.1	704.2
167.5°	715.0	714.5	714.0	713.5	713.0	712.8	712.8	712.8	712.8	712.8	712.8
170°	723.0	722.5	722.0	721.5	721.0	720.8	720.8	720.8	720.8	720.8	720.8
172.5°	728.8	728.3	727.8	727.3	726.8	726.5	726.5	726.5	726.5	726.5	726.5
175°	732.8	732.3	731.8	731.3	730.8	730.5	730.5	730.5	730.5	730.5	730.5
177.5°	735.6	735.1	734.6	734.1	733.6	733.3	733.2	733.1	733.0	732.9	732.8
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	554.1	557.2	559.9	562.2	564.0	566.7	564.9	565.3	566.2	568.0	568.0
5°	590.1	595.0	597.7	606.7	608.9	608.5	607.1	614.3	613.9	611.2	610.7
7.5°	625.1	633.7	641.3	648.5	650.8	656.6	658.0	661.1	660.2	664.7	662.5
10°	657.1	670.6	677.8	688.6	691.2	693.9	697.5	699.3	703.4	702.9	702.9
12.5°	681.8	698.0	707.4	710.1	720.5	723.6	726.8	732.6	731.3	731.7	734.4
15°	701.1	716.9	725.0	737.6	744.8	748.4	753.8	760.1	759.2	763.2	762.3
17.5°	715.5	730.4	745.2	764.1	764.6	774.0	786.6	789.3	795.1	791.1	791.1
20°	727.2	747.0	768.2	792.4	795.1	801.0	816.3	826.6	833.4	831.1	832.5
22.5°	739.8	768.2	792.9	817.2	830.2	840.6	855.4	871.6	877.4	881.0	880.1
25°	756.0	785.7	822.1	855.9	869.3	889.1	908.9	924.7	929.2	939.1	930.1
27.5°	772.7	814.5	859.9	899.5	916.6	932.8	956.6	968.3	974.1	978.6	975.5
30°	786.6	844.2	893.6	930.1	942.2	951.6	965.1	967.8	965.6	969.2	973.7
32.5°	808.2	864.4	906.2	923.8	922.4	922.0	911.6	897.2	894.1	885.5	897.2
35°	819.9	864.8	881.0	857.7	848.2	831.1	798.3	776.7	757.8	753.8	754.7
37.5°	813.1	830.7	811.3	749.7	734.4	708.3	664.7	634.1	620.2	609.4	623.3
40°	776.7	757.4	704.3	629.2	607.1	582.4	541.5	524.8	505.1	501.0	519.4
42.5°	716.4	657.5	582.4	524.4	501.5	487.5	453.3	437.6	423.7	417.4	427.7
45°	634.6	563.1	487.5	439.8	420.5	403.9	383.6	367.0	358.0	355.3	363.8
47.5°	550.0	474.5	414.2	378.7	358.4	345.8	327.0	317.5	310.3	311.2	312.6
50°	469.1	400.3	353.9	318.4	308.5	298.6	286.0	277.9	274.3	275.7	274.8
52.5°	399.4	343.6	304.5	277.0	272.5	263.1	252.8	246.0	244.7	245.1	246.5
55°	338.2	294.6	263.5	243.8	238.8	232.1	225.8	221.3	217.7	219.0	218.6
57.5°	291.9	253.7	229.8	213.6	210.0	206.0	200.1	197.9	196.5	193.8	196.1
60°	251.0	219.9	199.2	189.3	186.2	183.5	177.2	174.5	173.6	172.3	175.8
62.5°	212.3	190.2	174.5	165.5	162.4	159.7	156.5	154.3	154.7	152.9	154.7
65°	181.7	163.7	152.5	144.4	140.3	138.5	138.1	134.5	134.0	134.5	134.9
67.5°	153.4	138.1	129.5	124.6	121.4	119.6	118.3	116.0	117.8	116.5	117.4
70°	127.7	117.4	108.4	103.4	102.1	102.5	100.3	99.4	99.8	98.9	99.8
72.5°	103.0	94.4	90.8	87.2	85.5	85.0	83.7	82.3	83.7	83.2	83.2
75°	82.3	76.0	72.0	69.7	69.7	68.8	66.6	66.6	66.6	66.1	66.6
77.5°	63.4	58.0	56.2	54.0	54.0	52.6	52.2	52.2	51.3	52.6	51.7
80°	47.2	43.2	40.5	39.1	39.1	38.7	37.8	37.3	37.8	37.3	37.3
82.5°	30.6	28.8	27.4	26.1	25.6	26.1	25.6	24.7	25.2	24.7	25.6
85°	17.5	15.7	15.7	14.8	15.3	14.4	14.8	13.9	13.5	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°	9.7	10.4	11.0	11.7	12.0	12.2	12.6	12.9	13.3	13.7	13.3
92.5°	26.0	26.9	27.8	28.7	29.2	29.3	29.6	29.8	30.1	30.3	30.1
95°	44.9	45.8	46.7	47.6	48.0	48.1	48.4	48.7	48.9	49.2	48.9
97.5°	66.5	67.3	68.0	68.8	69.2	69.3	69.4	69.5	69.6	69.7	69.6
100°	88.6	89.8	90.9	92.0	92.6	92.7	93.0	93.2	93.5	93.7	93.5
102.5°	111.6	112.8	114.1	115.4	116.0	116.2	116.6	116.9	117.3	117.7	117.3
105°	137.4	138.1	138.9	139.6	140.0	140.2	140.6	141.0	141.4	141.8	141.4
107.5°	164.4	164.8	165.2	165.6	165.8	165.8	165.8	165.8	165.8	165.8	165.8
110°	192.4	192.8	193.2	193.6	193.8	193.7	193.6	193.5	193.3	193.2	193.3

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	220.7	220.9	221.0	221.1	221.2	221.1	220.8	220.6	220.3	220.1	220.3
115°	249.7	249.5	249.4	249.3	249.2	249.1	249.0	248.9	248.7	248.6	248.7
117.5°	277.9	278.1	278.2	278.3	278.4	278.1	277.6	277.1	276.6	276.1	276.6
120°	306.9	306.9	306.9	306.9	306.9	306.6	306.1	305.6	305.1	304.6	305.1
122.5°	335.4	335.2	335.1	335.0	334.9	334.7	334.3	334.0	333.6	333.2	333.6
125°	363.3	363.0	362.8	362.5	362.4	362.3	362.2	362.1	361.9	361.8	361.9
127.5°	390.9	390.7	390.6	390.5	390.4	390.3	390.0	389.7	389.5	389.2	389.5
130°	418.3	418.1	418.0	417.9	417.8	417.7	417.4	417.2	416.9	416.7	416.9
132.5°	444.6	444.4	444.3	444.2	444.1	443.9	443.5	443.2	442.8	442.4	442.8
135°	471.5	471.5	471.5	471.5	471.5	471.3	470.8	470.3	469.8	469.3	469.8
137.5°	497.9	498.1	498.2	498.3	498.4	498.1	497.5	496.8	496.2	495.6	496.2
140°	522.7	522.9	523.2	523.5	523.6	523.3	522.6	522.0	521.3	520.7	521.3
142.5°	547.1	547.3	547.4	547.5	547.6	547.3	546.6	546.0	545.3	544.7	545.3
145°	570.4	570.4	570.4	570.4	570.4	570.2	569.8	569.5	569.1	568.7	569.1
147.5°	592.0	592.4	592.7	593.1	593.3	592.8	591.8	590.7	589.7	588.7	589.7
150°	612.7	612.7	612.7	612.7	612.7	612.6	612.3	612.1	611.8	611.6	611.8
152.5°	631.4	631.8	632.1	632.5	632.7	632.4	631.9	631.4	630.9	630.4	630.9
155°	649.2	649.7	650.2	650.7	651.0	650.7	650.1	649.4	648.8	648.2	648.8
157.5°	665.2	665.7	666.2	666.7	667.0	666.6	665.7	664.8	663.9	663.0	663.9
160°	679.5	680.0	680.5	681.0	681.3	681.0	680.4	679.7	679.1	678.5	679.1
162.5°	692.8	693.4	694.1	694.7	695.0	694.6	693.9	693.1	692.4	691.6	692.4
165°	704.7	705.2	705.7	706.2	706.5	706.1	705.3	704.6	703.8	703.0	703.8
167.5°	713.6	714.3	715.1	715.8	716.2	715.8	715.1	714.3	713.6	712.8	713.6
170°	721.6	722.3	723.1	723.8	724.2	723.8	722.9	722.0	721.1	720.2	721.1
172.5°	727.3	728.0	728.8	729.5	729.9	729.5	728.8	728.0	727.3	726.5	727.3
175°	731.3	732.0	732.8	733.5	733.9	733.5	732.6	731.7	730.8	729.9	730.8
177.5°	733.6	734.3	735.1	735.8	736.2	735.8	734.9	734.0	733.1	732.2	733.1
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	567.1	564.0	564.9	564.0	561.7	560.4	556.8	552.3	550.5	548.2	546.9
5°	612.5	610.3	609.8	606.2	605.3	600.0	591.0	586.5	581.1	575.7	570.3
7.5°	662.0	659.3	650.3	649.0	649.9	643.1	631.4	622.4	611.2	603.6	593.2
10°	702.9	697.5	689.9	690.4	687.2	678.2	666.5	657.1	640.9	631.0	616.1
12.5°	727.7	723.2	722.3	717.8	715.1	703.4	689.5	677.3	665.2	651.7	640.4
15°	757.8	752.0	747.9	741.6	739.8	727.7	712.4	698.4	684.5	671.9	648.1
17.5°	791.1	784.8	769.5	768.2	757.4	745.7	730.8	710.1	695.3	677.3	659.8
20°	828.9	819.9	800.1	795.1	786.6	767.3	747.0	724.1	700.2	681.8	661.1
22.5°	871.1	855.4	841.0	825.3	819.0	795.1	767.3	739.4	710.6	685.4	660.7
25°	926.0	905.3	885.1	869.3	858.6	827.5	790.2	753.3	720.0	687.2	654.8
27.5°	969.2	951.2	929.2	908.5	894.5	857.7	814.9	767.3	725.9	685.9	651.2
30°	972.3	966.9	953.4	942.2	926.9	887.3	840.1	786.1	734.9	686.3	644.0
32.5°	913.4	924.2	930.1	931.9	928.7	905.8	862.6	803.2	743.0	682.3	637.7
35°	786.6	815.4	850.9	864.4	877.4	889.6	867.1	815.4	745.7	681.4	627.8
37.5°	647.6	673.7	732.6	759.6	774.9	823.0	841.5	813.6	751.1	682.3	618.4
40°	522.6	564.0	606.2	642.7	666.5	720.5	777.6	783.9	743.4	673.7	606.2
42.5°	439.8	464.1	496.1	529.8	550.9	614.8	692.1	737.6	719.6	659.8	591.4
45°	374.6	392.6	422.8	434.0	461.0	522.1	604.0	669.7	678.7	637.7	574.3
47.5°	321.6	336.9	356.2	370.1	391.7	437.6	506.9	579.3	622.4	607.6	550.5
50°	283.3	295.9	312.1	320.2	334.2	375.5	427.7	499.7	557.7	562.6	519.4
52.5°	251.4	258.6	271.2	280.2	291.4	316.6	363.8	423.2	488.4	515.4	481.2
55°	223.5	229.4	240.6	246.5	252.3	273.9	310.8	364.7	425.9	461.4	442.1
57.5°	198.3	203.3	212.7	218.1	221.3	242.0	270.3	312.6	367.4	410.6	399.8
60°	177.6	182.1	187.5	191.6	195.2	212.3	232.1	266.2	315.3	357.1	354.4
62.5°	155.6	159.7	165.5	169.6	172.7	183.5	200.1	226.2	268.0	306.7	314.4
65°	136.3	139.4	143.5	145.3	149.3	157.4	170.9	194.3	228.5	263.1	268.5
67.5°	118.7	119.6	122.3	126.4	127.3	134.5	146.6	164.2	190.7	219.0	227.6
70°	99.8	101.2	103.4	106.6	108.4	112.9	123.2	134.9	157.9	182.6	188.9
72.5°	83.2	85.0	85.9	87.7	88.6	95.8	100.3	112.0	127.7	148.4	155.2
75°	67.5	69.3	69.7	70.6	71.5	74.7	81.0	88.1	101.2	114.7	123.7
77.5°	53.5	53.1	54.0	55.3	54.9	57.6	61.6	67.9	76.5	87.7	93.5
80°	37.8	37.8	39.1	40.5	40.0	42.7	44.1	48.6	55.8	63.0	65.2
82.5°	25.2	25.2	26.5	26.5	27.4	27.9	29.7	31.9	37.8	41.4	42.7
85°	14.4	14.4	14.8	14.8	14.8	15.7	17.1	18.0	19.8	22.0	22.9
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°	12.9	12.6	12.2	12.0	11.7	11.0	10.4	9.7	9.1	8.2	7.3
92.5°	29.8	29.6	29.3	29.2	28.7	27.8	26.9	26.0	25.1	24.0	22.8
95°	48.7	48.4	48.1	48.0	47.6	46.7	45.8	44.9	44.0	42.7	41.5
97.5°	69.5	69.4	69.3	69.2	68.8	68.0	67.3	66.5	65.7	63.9	62.1
100°	93.2	93.0	92.7	92.6	92.0	90.9	89.8	88.6	87.5	85.8	84.2
102.5°	116.9	116.6	116.2	116.0	115.4	114.1	112.8	111.6	110.3	109.7	109.1
105°	141.0	140.6	140.2	140.0	139.6	138.9	138.1	137.4	136.6	135.8	135.1
107.5°	165.8	165.8	165.8	165.8	165.6	165.2	164.8	164.4	164.0	163.4	162.8
110°	193.5	193.6	193.7	193.8	193.6	193.2	192.8	192.4	192.0	191.6	191.2

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	220.6	220.8	221.1	221.2	221.1	221.0	220.9	220.7	220.6	220.1	219.6
115°	248.9	249.0	249.1	249.2	249.3	249.4	249.5	249.7	249.8	249.5	249.3
117.5°	277.1	277.6	278.1	278.4	278.3	278.2	278.1	277.9	277.8	277.5	277.3
120°	305.6	306.1	306.6	306.9	306.9	306.9	306.9	306.9	306.9	306.8	306.7
122.5°	334.0	334.3	334.7	334.9	335.0	335.1	335.2	335.4	335.5	335.1	334.7
125°	362.1	362.2	362.3	362.4	362.5	362.8	363.0	363.3	363.5	363.4	363.3
127.5°	389.7	390.0	390.3	390.4	390.5	390.6	390.7	390.9	391.0	390.9	390.7
130°	417.2	417.4	417.7	417.8	417.9	418.0	418.1	418.3	418.4	418.1	417.9
132.5°	443.2	443.5	443.9	444.1	444.2	444.3	444.4	444.6	444.7	444.8	445.0
135°	470.3	470.8	471.3	471.5	471.5	471.5	471.5	471.5	471.5	471.4	471.3
137.5°	496.8	497.5	498.1	498.4	498.3	498.2	498.1	497.9	497.8	497.6	497.3
140°	522.0	522.6	523.3	523.6	523.5	523.2	522.9	522.7	522.4	522.0	521.6
142.5°	546.0	546.6	547.3	547.6	547.5	547.4	547.3	547.1	547.0	546.5	546.0
145°	569.5	569.8	570.2	570.4	570.4	570.4	570.4	570.4	570.4	570.0	569.6
147.5°	590.7	591.8	592.8	593.3	593.1	592.7	592.4	592.0	591.6	591.3	591.1
150°	612.1	612.3	612.6	612.7	612.7	612.7	612.7	612.7	612.7	612.2	611.7
152.5°	631.4	631.9	632.4	632.7	632.5	632.1	631.8	631.4	631.0	630.9	630.7
155°	649.4	650.1	650.7	651.0	650.7	650.2	649.7	649.2	648.7	648.6	648.5
157.5°	664.8	665.7	666.6	667.0	666.7	666.2	665.7	665.2	664.7	664.6	664.5
160°	679.7	680.4	681.0	681.3	681.0	680.5	680.0	679.5	679.0	678.9	678.8
162.5°	693.1	693.9	694.6	695.0	694.7	694.1	693.4	692.8	692.2	692.2	692.2
165°	704.6	705.3	706.1	706.5	706.2	705.7	705.2	704.7	704.2	704.1	703.9
167.5°	714.3	715.1	715.8	716.2	715.8	715.1	714.3	713.6	712.8	712.8	712.8
170°	722.0	722.9	723.8	724.2	723.8	723.1	722.3	721.6	720.8	720.8	720.8
172.5°	728.0	728.8	729.5	729.9	729.5	728.8	728.0	727.3	726.5	726.5	726.5
175°	731.7	732.6	733.5	733.9	733.5	732.8	732.0	731.3	730.5	730.5	730.5
177.5°	734.0	734.9	735.8	736.2	735.8	735.1	734.3	733.6	732.8	732.9	733.0
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	545.1	542.8	540.1	540.1	537.0	535.6	532.9	532.0	529.8	526.2	523.5
5°	564.4	558.6	555.0	551.8	545.1	540.1	535.2	529.8	524.4	518.1	510.9
7.5°	583.3	572.5	567.6	562.2	552.3	541.9	532.0	524.8	517.7	507.8	498.8
10°	603.1	589.6	580.6	573.4	558.1	545.1	530.7	520.3	509.1	496.5	484.8
12.5°	619.7	602.2	594.6	581.1	563.5	547.8	529.8	514.1	499.2	484.4	470.0
15°	633.7	617.0	598.2	592.8	568.5	546.0	525.7	505.5	487.1	472.2	455.6
17.5°	638.2	617.0	607.6	594.6	565.8	542.4	516.8	494.7	477.2	455.1	442.1
20°	639.5	619.3	606.2	594.1	568.5	537.4	512.3	485.3	464.1	442.1	421.4
22.5°	635.9	612.1	599.5	587.8	559.0	532.5	503.3	473.6	448.8	428.6	407.9
25°	629.2	601.3	589.2	576.6	549.1	519.9	488.0	459.6	436.7	412.4	392.2
27.5°	620.2	588.3	574.3	561.3	534.3	506.9	476.7	447.5	421.9	396.2	377.3
30°	608.9	572.1	559.5	542.4	516.3	490.2	462.8	433.5	404.8	380.5	359.8
32.5°	594.6	555.9	539.2	523.0	494.7	470.9	444.8	417.4	389.5	365.6	344.1
35°	581.5	537.4	519.0	502.8	471.3	446.1	424.6	398.9	374.2	349.4	330.1
37.5°	564.0	519.0	497.0	480.3	448.4	422.8	402.5	382.7	356.6	332.8	314.8
40°	545.5	496.1	475.4	458.7	425.5	397.6	378.2	360.7	339.6	317.5	298.6
42.5°	528.9	474.0	452.0	431.8	398.0	373.3	353.5	340.0	320.7	300.9	283.8
45°	507.8	450.6	426.8	405.7	373.3	346.3	327.4	316.6	302.2	282.9	268.0
47.5°	486.2	425.5	400.7	380.0	345.0	321.1	302.7	292.3	282.4	267.1	252.3
50°	457.8	398.9	376.4	352.6	318.0	293.7	278.4	268.0	260.4	249.6	237.0
52.5°	426.8	371.5	347.2	326.5	292.3	270.3	252.8	246.9	239.3	231.2	220.4
55°	394.0	341.8	318.4	298.2	266.7	244.2	229.8	223.5	217.7	211.4	204.2
57.5°	361.1	310.8	288.7	270.7	241.5	219.9	208.2	199.7	195.6	192.0	186.2
60°	320.2	277.5	260.4	244.2	215.4	195.6	184.4	178.1	174.5	172.7	170.0
62.5°	284.2	249.2	230.3	214.5	191.6	174.0	163.3	158.3	155.2	154.3	151.1
65°	246.0	215.9	201.0	187.5	167.8	152.0	143.0	137.2	134.9	134.5	134.5
67.5°	210.0	185.7	170.9	161.5	144.4	130.4	121.9	119.6	118.3	116.5	116.0
70°	176.3	157.0	143.9	135.8	120.5	110.2	103.4	99.8	99.8	98.5	97.6
72.5°	146.6	127.3	118.7	112.0	99.4	90.4	85.5	84.6	81.4	81.0	81.0
75°	114.7	100.3	94.4	88.6	79.2	72.9	68.8	66.6	64.8	64.8	65.2
77.5°	86.4	76.5	71.1	66.6	59.8	55.8	52.6	51.7	49.9	49.9	49.9
80°	61.2	55.8	51.7	48.1	43.2	39.6	37.8	36.0	36.0	35.5	36.0
82.5°	39.6	35.1	32.8	32.4	27.9	26.5	24.3	24.7	23.4	22.9	23.8
85°	22.9	20.7	18.0	17.1	15.3	13.5	12.6	13.0	12.6	12.1	12.6
87.5°	9.0	7.6	7.2	7.2	5.8	5.4	4.9	5.4	4.5	4.5	4.9
90°	6.4	5.5	5.1	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6
92.5°	21.7	20.6	20.0	19.7	19.0	18.4	17.7	17.1	17.7	18.4	19.0
95°	40.2	38.9	38.3	38.2	37.9	37.7	37.4	37.2	37.4	37.7	37.9
97.5°	60.4	58.6	57.7	57.6	57.5	57.4	57.3	57.2	57.3	57.4	57.5
100°	82.5	80.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
102.5°	108.4	107.8	107.5	107.2	106.5	105.9	105.2	104.6	105.2	105.9	106.5
105°	134.3	133.6	133.2	132.9	132.2	131.6	130.9	130.3	130.9	131.6	132.2
107.5°	162.1	161.5	161.2	160.9	160.2	159.6	158.9	158.3	158.9	159.6	160.2
110°	190.9	190.5	190.3	190.0	189.4	188.7	188.1	187.5	188.1	188.7	189.4

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	219.1	218.6	218.3	218.2	217.9	217.7	217.4	217.2	217.4	217.7	217.9
115°	249.0	248.7	248.6	248.3	247.8	247.3	246.8	246.3	246.8	247.3	247.8
117.5°	277.0	276.7	276.6	276.5	276.4	276.3	276.2	276.1	276.2	276.3	276.4
120°	306.6	306.5	306.4	306.1	305.4	304.8	304.1	303.5	304.1	304.8	305.4
122.5°	334.4	334.0	333.8	333.7	333.6	333.5	333.3	333.2	333.3	333.5	333.6
125°	363.2	363.1	363.0	362.6	361.8	361.1	360.3	359.5	360.3	361.1	361.8
127.5°	390.6	390.5	390.4	390.2	389.8	389.5	389.1	388.7	389.1	389.5	389.8
130°	417.6	417.3	417.2	416.9	416.3	415.6	415.0	414.4	415.0	415.6	416.3
132.5°	445.1	445.2	445.3	444.7	443.6	442.4	441.3	440.1	441.3	442.4	443.6
135°	471.2	471.1	471.0	470.6	469.8	469.1	468.3	467.5	468.3	469.1	469.8
137.5°	497.1	496.8	496.7	496.3	495.6	494.8	494.1	493.3	494.1	494.8	495.6
140°	521.3	520.9	520.7	520.4	519.7	519.1	518.4	517.8	518.4	519.1	519.7
142.5°	545.5	545.0	544.7	544.4	543.9	543.4	542.9	542.4	542.9	543.4	543.9
145°	569.3	568.9	568.7	568.4	567.9	567.4	566.9	566.4	566.9	567.4	567.9
147.5°	590.8	590.5	590.4	590.2	589.8	589.5	589.1	588.7	589.1	589.5	589.8
150°	611.2	610.7	610.4	610.5	610.6	610.7	610.9	611.0	610.9	610.7	610.6
152.5°	630.6	630.5	630.4	630.3	630.0	629.8	629.5	629.3	629.5	629.8	630.0
155°	648.4	648.3	648.2	648.2	648.2	648.2	648.2	648.2	648.2	648.2	648.2
157.5°	664.4	664.3	664.2	664.3	664.6	664.8	665.1	665.3	665.1	664.8	664.6
160°	678.7	678.6	678.5	678.7	679.1	679.4	679.8	680.2	679.8	679.4	679.1
162.5°	692.2	692.2	692.2	692.3	692.6	692.8	693.1	693.3	693.1	692.8	692.6
165°	703.8	703.7	703.6	703.7	704.0	704.3	704.5	704.8	704.5	704.3	704.0
167.5°	712.8	712.8	712.8	713.0	713.5	714.0	714.5	715.0	714.5	714.0	713.5
170°	720.8	720.8	720.8	721.0	721.5	722.0	722.5	723.0	722.5	722.0	721.5
172.5°	726.5	726.5	726.5	726.8	727.3	727.8	728.3	728.8	728.3	727.8	727.3
175°	730.5	730.5	730.5	730.8	731.3	731.8	732.3	732.8	732.3	731.8	731.3
177.5°	733.1	733.2	733.3	733.6	734.1	734.6	735.1	735.6	735.1	734.6	734.1
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	522.6	521.7	519.4	518.1	513.6	508.2	506.4	501.9	503.7	500.6	500.6
5°	508.7	504.6	501.9	497.9	489.3	483.5	477.2	474.0	472.2	470.0	468.2
7.5°	490.7	487.5	484.8	477.2	467.7	459.6	452.0	448.8	443.0	438.9	437.1
10°	474.9	470.4	464.1	455.1	445.2	434.9	428.2	421.4	416.9	414.7	409.7
12.5°	458.7	453.3	446.6	433.5	422.8	416.5	404.3	398.0	395.8	394.0	388.1
15°	442.1	436.2	428.2	416.0	406.6	391.7	384.5	379.6	374.2	373.7	369.2
17.5°	427.3	420.1	413.3	398.5	386.8	373.7	369.7	364.3	359.3	353.9	351.7
20°	408.4	401.6	396.7	380.5	367.4	359.3	352.6	348.1	345.0	339.6	338.7
22.5°	391.3	384.1	377.3	365.2	353.9	343.6	335.5	330.6	329.2	327.0	322.9
25°	374.6	367.4	359.3	348.1	336.4	329.2	322.0	318.9	316.2	312.6	309.4
27.5°	360.7	353.9	346.3	332.4	322.5	317.1	309.4	305.8	302.2	300.4	299.1
30°	344.1	336.4	330.6	319.8	309.0	301.8	296.4	293.2	290.1	288.3	287.4
32.5°	327.9	320.7	316.6	304.9	296.4	287.8	283.8	281.5	279.7	277.9	276.1
35°	314.8	307.6	301.3	290.5	282.0	276.1	273.0	269.4	268.0	266.2	266.2
37.5°	298.6	293.2	286.9	276.6	268.9	264.4	261.7	257.3	256.8	255.9	254.6
40°	284.7	279.3	273.4	264.4	257.7	252.3	248.7	246.5	245.1	244.2	243.3
42.5°	269.8	264.0	261.3	251.0	245.1	239.7	237.9	235.7	235.2	233.4	231.2
45°	255.5	250.5	245.1	237.5	232.5	228.0	225.3	223.5	221.3	220.8	219.5
47.5°	242.9	237.0	232.1	224.9	219.5	215.9	213.6	211.4	209.6	208.2	206.9
50°	226.7	222.2	218.1	210.5	206.0	202.4	199.2	197.4	195.6	195.6	195.6
52.5°	210.9	206.9	203.3	197.9	192.5	189.3	185.7	184.4	183.5	182.1	183.5
55°	195.6	191.6	188.0	183.9	177.6	174.9	171.4	170.0	170.5	170.5	171.8
57.5°	179.4	176.3	174.0	169.1	163.3	160.6	158.3	157.0	157.0	158.8	159.2
60°	163.7	160.6	156.5	152.0	148.4	145.3	143.9	144.4	144.4	145.3	147.5
62.5°	146.2	144.4	142.1	135.8	133.6	131.3	129.5	130.9	130.4	132.7	135.8
65°	130.0	128.2	125.0	121.9	119.2	116.9	116.5	116.9	117.8	120.1	123.7
67.5°	112.0	112.0	109.3	106.6	104.3	102.1	102.5	103.0	103.9	106.6	112.0
70°	97.1	95.3	92.6	90.8	89.0	88.1	87.2	89.0	91.7	93.5	97.6
72.5°	81.0	79.6	77.4	75.6	75.1	74.2	73.8	74.7	77.4	80.5	85.0
75°	63.9	64.3	63.0	61.6	61.6	60.3	61.2	61.2	63.9	67.0	70.6
77.5°	49.5	49.0	48.6	47.7	47.2	47.2	47.2	48.1	50.8	52.6	56.2
80°	35.1	35.5	34.2	34.6	34.2	34.6	34.6	36.4	37.8	40.0	42.7
82.5°	23.4	23.4	22.5	22.9	22.9	22.9	23.4	24.3	26.1	27.9	29.7
85°	13.0	13.5	12.6	13.5	13.5	13.5	13.9	14.4	15.7	16.2	18.0
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°	4.6	5.1	5.5	6.4	7.3	8.2	9.1	9.7	10.4	11.0	11.7
92.5°	19.7	20.0	20.6	21.7	22.8	24.0	25.1	26.0	26.9	27.8	28.7
95°	38.2	38.3	38.9	40.2	41.5	42.7	44.0	44.9	45.8	46.7	47.6
97.5°	57.6	57.7	58.6	60.4	62.1	63.9	65.7	66.5	67.3	68.0	68.8
100°	80.0	80.0	80.8	82.5	84.2	85.8	87.5	88.6	89.8	90.9	92.0
102.5°	107.2	107.5	107.8	108.4	109.1	109.7	110.3	111.6	112.8	114.1	115.4
105°	132.9	133.2	133.6	134.3	135.1	135.8	136.6	137.4	138.1	138.9	139.6
107.5°	160.9	161.2	161.5	162.1	162.8	163.4	164.0	164.4	164.8	165.2	165.6
110°	190.0	190.3	190.5	190.9	191.2	191.6	192.0	192.4	192.8	193.2	193.6

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	218.2	218.3	218.6	219.1	219.6	220.1	220.6	220.7	220.9	221.0	221.1
115°	248.3	248.6	248.7	249.0	249.3	249.5	249.8	249.7	249.5	249.4	249.3
117.5°	276.5	276.6	276.7	277.0	277.3	277.5	277.8	277.9	278.1	278.2	278.3
120°	306.1	306.4	306.5	306.6	306.7	306.8	306.9	306.9	306.9	306.9	306.9
122.5°	333.7	333.8	334.0	334.4	334.7	335.1	335.5	335.4	335.2	335.1	335.0
125°	362.6	363.0	363.1	363.2	363.3	363.4	363.5	363.3	363.0	362.8	362.5
127.5°	390.2	390.4	390.5	390.6	390.7	390.9	391.0	390.9	390.7	390.6	390.5
130°	416.9	417.2	417.3	417.6	417.9	418.1	418.4	418.3	418.1	418.0	417.9
132.5°	444.7	445.3	445.2	445.1	445.0	444.8	444.7	444.6	444.4	444.3	444.2
135°	470.6	471.0	471.1	471.2	471.3	471.4	471.5	471.5	471.5	471.5	471.5
137.5°	496.3	496.7	496.8	497.1	497.3	497.6	497.8	497.9	498.1	498.2	498.3
140°	520.4	520.7	520.9	521.3	521.6	522.0	522.4	522.7	522.9	523.2	523.5
142.5°	544.4	544.7	545.0	545.5	546.0	546.5	547.0	547.1	547.3	547.4	547.5
145°	568.4	568.7	568.9	569.3	569.6	570.0	570.4	570.4	570.4	570.4	570.4
147.5°	590.2	590.4	590.5	590.8	591.1	591.3	591.6	592.0	592.4	592.7	593.1
150°	610.5	610.4	610.7	611.2	611.7	612.2	612.7	612.7	612.7	612.7	612.7
152.5°	630.3	630.4	630.5	630.6	630.7	630.9	631.0	631.4	631.8	632.1	632.5
155°	648.2	648.2	648.3	648.4	648.5	648.6	648.7	649.2	649.7	650.2	650.7
157.5°	664.3	664.2	664.3	664.4	664.5	664.6	664.7	665.2	665.7	666.2	666.7
160°	678.7	678.5	678.6	678.7	678.8	678.9	679.0	679.5	680.0	680.5	681.0
162.5°	692.3	692.2	692.2	692.2	692.2	692.2	692.2	692.8	693.4	694.1	694.7
165°	703.7	703.6	703.7	703.8	703.9	704.1	704.2	704.7	705.2	705.7	706.2
167.5°	713.0	712.8	712.8	712.8	712.8	712.8	712.8	713.6	714.3	715.1	715.8
170°	721.0	720.8	720.8	720.8	720.8	720.8	720.8	721.6	722.3	723.1	723.8
172.5°	726.8	726.5	726.5	726.5	726.5	726.5	726.5	727.3	728.0	728.8	729.5
175°	730.8	730.5	730.5	730.5	730.5	730.5	730.5	731.3	732.0	732.8	733.5
177.5°	733.6	733.3	733.2	733.1	733.0	732.9	732.8	733.6	734.3	735.1	735.8
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	502.4	499.2	498.8	499.7	497.9	500.6	499.7	500.6	498.3	500.6	499.2
5°	467.7	466.8	465.0	462.8	463.2	463.7	465.9	463.7	465.5	465.9	468.2
7.5°	435.3	433.5	434.9	434.0	430.0	429.1	430.0	431.3	434.0	435.8	437.1
10°	409.3	408.4	406.6	405.2	403.0	401.6	403.4	401.6	405.2	408.4	408.4
12.5°	389.5	385.9	383.6	383.2	378.2	379.1	380.9	382.3	386.3	388.1	388.1
15°	368.8	366.1	365.2	363.4	361.6	363.4	362.5	363.8	365.6	367.4	368.3
17.5°	350.8	350.3	350.8	346.3	347.6	345.4	345.8	348.1	346.7	348.1	350.8
20°	334.6	335.5	334.2	332.4	332.4	329.7	332.8	331.9	332.4	335.1	339.1
22.5°	322.5	322.0	320.7	319.3	317.5	318.0	318.4	317.5	321.1	323.4	323.8
25°	309.4	308.5	308.1	306.7	304.9	306.7	306.3	306.7	307.6	311.2	308.5
27.5°	297.3	295.5	296.4	295.0	294.6	295.0	295.0	295.5	296.4	296.8	297.3
30°	286.9	285.1	284.7	283.8	283.3	283.8	284.7	283.8	287.4	286.9	286.9
32.5°	275.7	274.3	273.4	273.4	273.0	272.5	273.0	273.4	276.1	274.3	276.1
35°	264.9	264.0	264.0	263.1	262.6	262.6	262.6	264.4	263.5	264.9	264.9
37.5°	254.6	254.6	254.1	253.2	252.8	253.2	252.8	253.7	253.2	253.7	254.1
40°	243.8	242.9	242.4	242.4	241.1	239.7	241.1	241.1	241.5	242.9	243.3
42.5°	230.7	231.2	231.2	229.4	229.4	229.4	229.8	230.3	230.3	231.2	231.2
45°	219.5	218.6	218.6	218.6	217.7	218.1	219.0	219.0	219.0	219.0	218.1
47.5°	206.9	206.9	207.3	207.3	208.7	208.2	208.2	207.8	206.9	206.9	207.3
50°	195.2	196.5	197.0	197.0	197.4	197.9	197.9	197.0	196.5	195.2	195.2
52.5°	183.9	184.8	185.7	187.1	188.0	187.5	187.5	186.6	184.8	184.4	183.9
55°	171.8	173.1	174.9	176.3	177.6	178.1	178.1	176.3	174.5	172.3	172.3
57.5°	160.6	161.9	165.1	166.4	168.2	168.2	167.3	166.0	163.3	161.5	160.1
60°	149.3	151.6	153.8	156.5	158.8	159.2	157.9	156.1	152.9	150.7	148.9
62.5°	137.2	139.4	143.9	146.6	148.4	148.4	148.4	146.2	142.1	139.0	136.3
65°	125.5	127.7	131.8	135.4	136.7	138.1	136.7	134.5	131.3	127.7	125.0
67.5°	113.3	116.0	120.1	122.8	124.6	125.9	125.0	123.2	119.2	114.2	112.4
70°	99.8	101.2	107.0	109.7	112.4	113.3	112.4	109.7	105.7	100.3	98.5
72.5°	87.2	88.6	94.0	96.2	98.5	99.4	98.0	96.2	92.6	87.7	85.5
75°	72.9	75.1	77.8	81.4	84.1	85.0	83.7	82.3	77.8	74.7	72.9
77.5°	57.6	59.8	63.4	66.6	69.3	68.8	67.0	67.5	62.5	58.9	57.6
80°	43.6	45.4	48.1	50.8	52.2	52.2	51.7	49.9	48.1	45.4	43.2
82.5°	30.1	32.4	34.6	36.4	36.4	36.9	36.0	35.5	33.7	31.5	31.0
85°	18.0	18.4	20.2	20.2	22.0	21.1	20.7	22.0	20.2	18.9	18.4
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°	12.0	12.2	12.6	12.9	13.3	13.7	13.3	12.9	12.6	12.2	12.0
92.5°	29.2	29.3	29.6	29.8	30.1	30.3	30.1	29.8	29.6	29.3	29.2
95°	48.0	48.1	48.4	48.7	48.9	49.2	48.9	48.7	48.4	48.1	48.0
97.5°	69.2	69.3	69.4	69.5	69.6	69.7	69.6	69.5	69.4	69.3	69.2
100°	92.6	92.7	93.0	93.2	93.5	93.7	93.5	93.2	93.0	92.7	92.6
102.5°	116.0	116.2	116.6	116.9	117.3	117.7	117.3	116.9	116.6	116.2	116.0
105°	140.0	140.2	140.6	141.0	141.4	141.8	141.4	141.0	140.6	140.2	140.0
107.5°	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8
110°	193.8	193.7	193.6	193.5	193.3	193.2	193.3	193.5	193.6	193.7	193.8

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	221.2	221.1	220.8	220.6	220.3	220.1	220.3	220.6	220.8	221.1	221.2
115°	249.2	249.1	249.0	248.9	248.7	248.6	248.7	248.9	249.0	249.1	249.2
117.5°	278.4	278.1	277.6	277.1	276.6	276.1	276.6	277.1	277.6	278.1	278.4
120°	306.9	306.6	306.1	305.6	305.1	304.6	305.1	305.6	306.1	306.6	306.9
122.5°	334.9	334.7	334.3	334.0	333.6	333.2	333.6	334.0	334.3	334.7	334.9
125°	362.4	362.3	362.2	362.1	361.9	361.8	361.9	362.1	362.2	362.3	362.4
127.5°	390.4	390.3	390.0	389.7	389.5	389.2	389.5	389.7	390.0	390.3	390.4
130°	417.8	417.7	417.4	417.2	416.9	416.7	416.9	417.2	417.4	417.7	417.8
132.5°	444.1	443.9	443.5	443.2	442.8	442.4	442.8	443.2	443.5	443.9	444.1
135°	471.5	471.3	470.8	470.3	469.8	469.3	469.8	470.3	470.8	471.3	471.5
137.5°	498.4	498.1	497.5	496.8	496.2	495.6	496.2	496.8	497.5	498.1	498.4
140°	523.6	523.3	522.6	522.0	521.3	520.7	521.3	522.0	522.6	523.3	523.6
142.5°	547.6	547.3	546.6	546.0	545.3	544.7	545.3	546.0	546.6	547.3	547.6
145°	570.4	570.2	569.8	569.5	569.1	568.7	569.1	569.5	569.8	570.2	570.4
147.5°	593.3	592.8	591.8	590.7	589.7	588.7	589.7	590.7	591.8	592.8	593.3
150°	612.7	612.6	612.3	612.1	611.8	611.6	611.8	612.1	612.3	612.6	612.7
152.5°	632.7	632.4	631.9	631.4	630.9	630.4	630.9	631.4	631.9	632.4	632.7
155°	651.0	650.7	650.1	649.4	648.8	648.2	648.8	649.4	650.1	650.7	651.0
157.5°	667.0	666.6	665.7	664.8	663.9	663.0	663.9	664.8	665.7	666.6	667.0
160°	681.3	681.0	680.4	679.7	679.1	678.5	679.1	679.7	680.4	681.0	681.3
162.5°	695.0	694.6	693.9	693.1	692.4	691.6	692.4	693.1	693.9	694.6	695.0
165°	706.5	706.1	705.3	704.6	703.8	703.0	703.8	704.6	705.3	706.1	706.5
167.5°	716.2	715.8	715.1	714.3	713.6	712.8	713.6	714.3	715.1	715.8	716.2
170°	724.2	723.8	722.9	722.0	721.1	720.2	721.1	722.0	722.9	723.8	724.2
172.5°	729.9	729.5	728.8	728.0	727.3	726.5	727.3	728.0	728.8	729.5	729.9
175°	733.9	733.5	732.6	731.7	730.8	729.9	730.8	731.7	732.6	733.5	733.9
177.5°	736.2	735.8	734.9	734.0	733.1	732.2	733.1	734.0	734.9	735.8	736.2
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1027893

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8	529.8
2.5°	503.3	500.6	503.7	499.7	500.6	505.5	505.1	509.6	512.3	511.8	514.1
5°	470.0	470.0	471.3	470.9	475.4	479.4	484.8	489.3	494.3	497.0	500.1
7.5°	437.1	441.6	442.5	444.8	450.2	456.9	462.3	469.1	476.3	481.2	484.8
10°	410.2	413.8	417.4	419.2	425.0	434.0	441.6	452.4	461.4	466.8	471.8
12.5°	386.3	390.4	392.2	400.3	404.3	410.2	421.0	432.6	442.5	448.4	452.4
15°	369.2	371.5	375.5	380.5	384.5	391.7	400.7	413.8	423.2	428.2	442.1
17.5°	354.8	357.5	359.8	362.0	368.3	376.0	384.5	395.8	407.9	416.5	423.7
20°	340.0	341.4	344.1	347.6	352.1	359.3	367.0	378.7	389.5	396.2	405.7
22.5°	322.5	326.5	329.2	331.9	336.9	345.0	352.1	360.7	374.2	381.8	391.7
25°	312.1	313.9	315.7	318.9	322.5	329.7	337.8	346.7	357.5	365.6	374.2
27.5°	298.6	301.3	303.6	307.6	309.9	315.7	323.4	332.4	345.4	352.1	359.3
30°	287.4	290.1	291.9	293.7	296.8	303.1	310.3	317.5	329.7	338.2	345.4
32.5°	276.1	278.8	281.1	282.4	285.6	289.6	295.5	304.5	314.8	320.7	330.1
35°	266.2	266.2	268.9	270.7	273.4	277.0	282.4	289.2	300.0	307.6	316.2
37.5°	255.0	255.5	257.7	259.1	261.7	265.3	270.7	277.0	286.0	291.9	300.4
40°	243.3	244.7	245.6	247.8	251.0	252.3	257.7	264.9	273.9	279.3	286.5
42.5°	231.6	232.5	234.8	236.6	239.3	241.5	245.1	251.9	258.6	266.7	272.5
45°	218.6	220.8	222.2	225.3	226.7	228.9	232.5	237.9	246.0	251.0	257.7
47.5°	207.3	208.2	209.1	213.2	215.9	217.2	220.8	224.0	232.5	237.0	243.3
50°	195.2	195.2	196.5	198.3	201.5	204.2	207.3	210.9	217.7	222.2	228.5
52.5°	183.9	182.6	183.5	184.4	187.5	190.2	193.4	198.3	204.6	207.3	212.7
55°	171.8	169.6	170.9	172.3	173.1	176.7	180.3	183.5	188.4	192.5	197.4
57.5°	158.8	158.3	157.4	157.9	160.1	162.4	165.1	169.1	174.9	178.1	180.8
60°	147.1	144.4	143.5	144.4	145.7	147.1	150.7	154.3	159.2	162.4	165.5
62.5°	134.9	132.2	130.4	129.1	130.4	133.6	135.8	138.5	142.6	146.2	148.9
65°	123.2	119.2	117.4	116.5	116.0	118.3	120.1	123.7	127.3	128.6	131.8
67.5°	110.2	106.6	104.3	103.0	103.0	103.0	104.8	108.4	112.0	112.4	115.6
70°	97.1	93.1	90.8	89.0	88.1	89.0	91.3	91.7	94.9	95.8	97.6
72.5°	83.2	79.6	76.9	74.7	75.1	76.0	76.0	76.9	78.7	81.0	81.0
75°	70.2	65.2	63.9	62.1	61.2	61.2	61.2	63.0	64.3	66.1	65.7
77.5°	55.3	52.6	49.9	49.0	47.7	47.2	48.1	48.1	49.0	50.4	50.8
80°	42.7	39.6	37.8	36.9	35.1	34.6	35.1	35.1	36.4	36.0	36.4
82.5°	29.7	27.4	26.1	24.7	23.8	24.3	23.8	23.8	24.3	23.8	23.8
85°	17.1	16.6	15.7	15.3	14.8	13.9	14.8	14.4	13.9	13.5	14.4
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°	11.7	11.0	10.4	9.7	9.1	8.2	7.3	6.4	5.5	5.1	4.6
92.5°	28.7	27.8	26.9	26.0	25.1	24.0	22.8	21.7	20.6	20.0	19.7
95°	47.6	46.7	45.8	44.9	44.0	42.7	41.5	40.2	38.9	38.3	38.2
97.5°	68.8	68.0	67.3	66.5	65.7	63.9	62.1	60.4	58.6	57.7	57.6
100°	92.0	90.9	89.8	88.6	87.5	85.8	84.2	82.5	80.8	80.0	80.0
102.5°	115.4	114.1	112.8	111.6	110.3	109.7	109.1	108.4	107.8	107.5	107.2
105°	139.6	138.9	138.1	137.4	136.6	135.8	135.1	134.3	133.6	133.2	132.9
107.5°	165.6	165.2	164.8	164.4	164.0	163.4	162.8	162.1	161.5	161.2	160.9
110°	193.6	193.2	192.8	192.4	192.0	191.6	191.2	190.9	190.5	190.3	190.0

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	221.1	221.0	220.9	220.7	220.6	220.1	219.6	219.1	218.6	218.3	218.2
115°	249.3	249.4	249.5	249.7	249.8	249.5	249.3	249.0	248.7	248.6	248.3
117.5°	278.3	278.2	278.1	277.9	277.8	277.5	277.3	277.0	276.7	276.6	276.5
120°	306.9	306.9	306.9	306.9	306.9	306.8	306.7	306.6	306.5	306.4	306.1
122.5°	335.0	335.1	335.2	335.4	335.5	335.1	334.7	334.4	334.0	333.8	333.7
125°	362.5	362.8	363.0	363.3	363.5	363.4	363.3	363.2	363.1	363.0	362.6
127.5°	390.5	390.6	390.7	390.9	391.0	390.9	390.7	390.6	390.5	390.4	390.2
130°	417.9	418.0	418.1	418.3	418.4	418.1	417.9	417.6	417.3	417.2	416.9
132.5°	444.2	444.3	444.4	444.6	444.7	444.8	445.0	445.1	445.2	445.3	444.7
135°	471.5	471.5	471.5	471.5	471.5	471.4	471.3	471.2	471.1	471.0	470.6
137.5°	498.3	498.2	498.1	497.9	497.8	497.6	497.3	497.1	496.8	496.7	496.3
140°	523.5	523.2	522.9	522.7	522.4	522.0	521.6	521.3	520.9	520.7	520.4
142.5°	547.5	547.4	547.3	547.1	547.0	546.5	546.0	545.5	545.0	544.7	544.4
145°	570.4	570.4	570.4	570.4	570.4	570.0	569.6	569.3	568.9	568.7	568.4
147.5°	593.1	592.7	592.4	592.0	591.6	591.3	591.1	590.8	590.5	590.4	590.2
150°	612.7	612.7	612.7	612.7	612.7	612.2	611.7	611.2	610.7	610.4	610.5
152.5°	632.5	632.1	631.8	631.4	631.0	630.9	630.7	630.6	630.5	630.4	630.3
155°	650.7	650.2	649.7	649.2	648.7	648.6	648.5	648.4	648.3	648.2	648.2
157.5°	666.7	666.2	665.7	665.2	664.7	664.6	664.5	664.4	664.3	664.2	664.3
160°	681.0	680.5	680.0	679.5	679.0	678.9	678.8	678.7	678.6	678.5	678.7
162.5°	694.7	694.1	693.4	692.8	692.2	692.2	692.2	692.2	692.2	692.2	692.3
165°	706.2	705.7	705.2	704.7	704.2	704.1	703.9	703.8	703.7	703.6	703.7
167.5°	715.8	715.1	714.3	713.6	712.8	712.8	712.8	712.8	712.8	712.8	713.0
170°	723.8	723.1	722.3	721.6	720.8	720.8	720.8	720.8	720.8	720.8	721.0
172.5°	729.5	728.8	728.0	727.3	726.5	726.5	726.5	726.5	726.5	726.5	726.8
175°	733.5	732.8	732.0	731.3	730.5	730.5	730.5	730.5	730.5	730.5	730.8
177.5°	735.8	735.1	734.3	733.6	732.8	732.9	733.0	733.1	733.2	733.3	733.6
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	529.8	529.8	529.8	529.8
2.5°	517.2	521.7	524.8	530.7
5°	505.5	513.6	521.2	529.3
7.5°	493.8	503.3	515.4	525.7
10°	480.8	492.9	507.3	521.2
12.5°	467.7	482.1	497.9	516.3
15°	452.0	470.4	488.9	508.7
17.5°	438.0	456.9	476.7	501.5
20°	422.3	443.0	464.6	489.8
22.5°	408.4	431.3	453.8	480.3
25°	392.6	415.1	439.8	468.2
27.5°	379.6	400.3	424.6	455.1
30°	363.8	386.3	410.6	441.2
32.5°	349.0	370.6	396.2	426.4
35°	333.7	355.7	378.7	407.5
37.5°	319.3	338.2	361.1	388.6
40°	303.1	323.8	344.5	366.1
42.5°	288.3	307.2	326.5	343.6
45°	271.6	287.8	306.3	320.2
47.5°	256.4	270.7	285.1	295.9
50°	241.1	252.3	263.1	272.5
52.5°	223.1	235.7	241.5	247.4
55°	206.9	214.1	219.5	225.3
57.5°	191.1	194.3	197.0	202.4
60°	170.5	174.0	177.2	181.2
62.5°	152.5	154.3	155.2	159.2
65°	135.4	134.9	137.2	139.4
67.5°	116.9	116.5	118.7	119.6
70°	98.9	98.5	98.9	101.2
72.5°	81.9	81.9	82.3	83.2
75°	66.1	66.1	66.6	67.5
77.5°	49.9	50.8	50.4	52.2
80°	36.4	35.5	36.4	37.3
82.5°	23.8	24.7	24.7	23.8
85°	13.5	13.5	13.5	13.5
87.5°	5.8	5.8	6.3	6.7
90°	3.6	2.6	1.6	0.6
92.5°	19.0	18.4	17.7	17.1
95°	37.9	37.7	37.4	37.2
97.5°	57.5	57.4	57.3	57.2
100°	80.0	80.0	80.0	80.0
102.5°	106.5	105.9	105.2	104.6
105°	132.2	131.6	130.9	130.3
107.5°	160.2	159.6	158.9	158.3
110°	189.4	188.7	188.1	187.5

TEST NUMBER: P1027893

CATALOG NUMBER: S125DIP-B375D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	217.9	217.7	217.4	217.2
115°	247.8	247.3	246.8	246.3
117.5°	276.4	276.3	276.2	276.1
120°	305.4	304.8	304.1	303.5
122.5°	333.6	333.5	333.3	333.2
125°	361.8	361.1	360.3	359.5
127.5°	389.8	389.5	389.1	388.7
130°	416.3	415.6	415.0	414.4
132.5°	443.6	442.4	441.3	440.1
135°	469.8	469.1	468.3	467.5
137.5°	495.6	494.8	494.1	493.3
140°	519.7	519.1	518.4	517.8
142.5°	543.9	543.4	542.9	542.4
145°	567.9	567.4	566.9	566.4
147.5°	589.8	589.5	589.1	588.7
150°	610.6	610.7	610.9	611.0
152.5°	630.0	629.8	629.5	629.3
155°	648.2	648.2	648.2	648.2
157.5°	664.6	664.8	665.1	665.3
160°	679.1	679.4	679.8	680.2
162.5°	692.6	692.8	693.1	693.3
165°	704.0	704.3	704.5	704.8
167.5°	713.5	714.0	714.5	715.0
170°	721.5	722.0	722.5	723.0
172.5°	727.3	727.8	728.3	728.8
175°	731.3	731.8	732.3	732.8
177.5°	734.1	734.6	735.1	735.6
180°	734.5	734.5	734.5	734.5

(END OF REPORT)