

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: P1027804

Luminaire Tested: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027804
REPORT IS A COMBINATION OF REPORTS P1001905 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D1270UB30-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

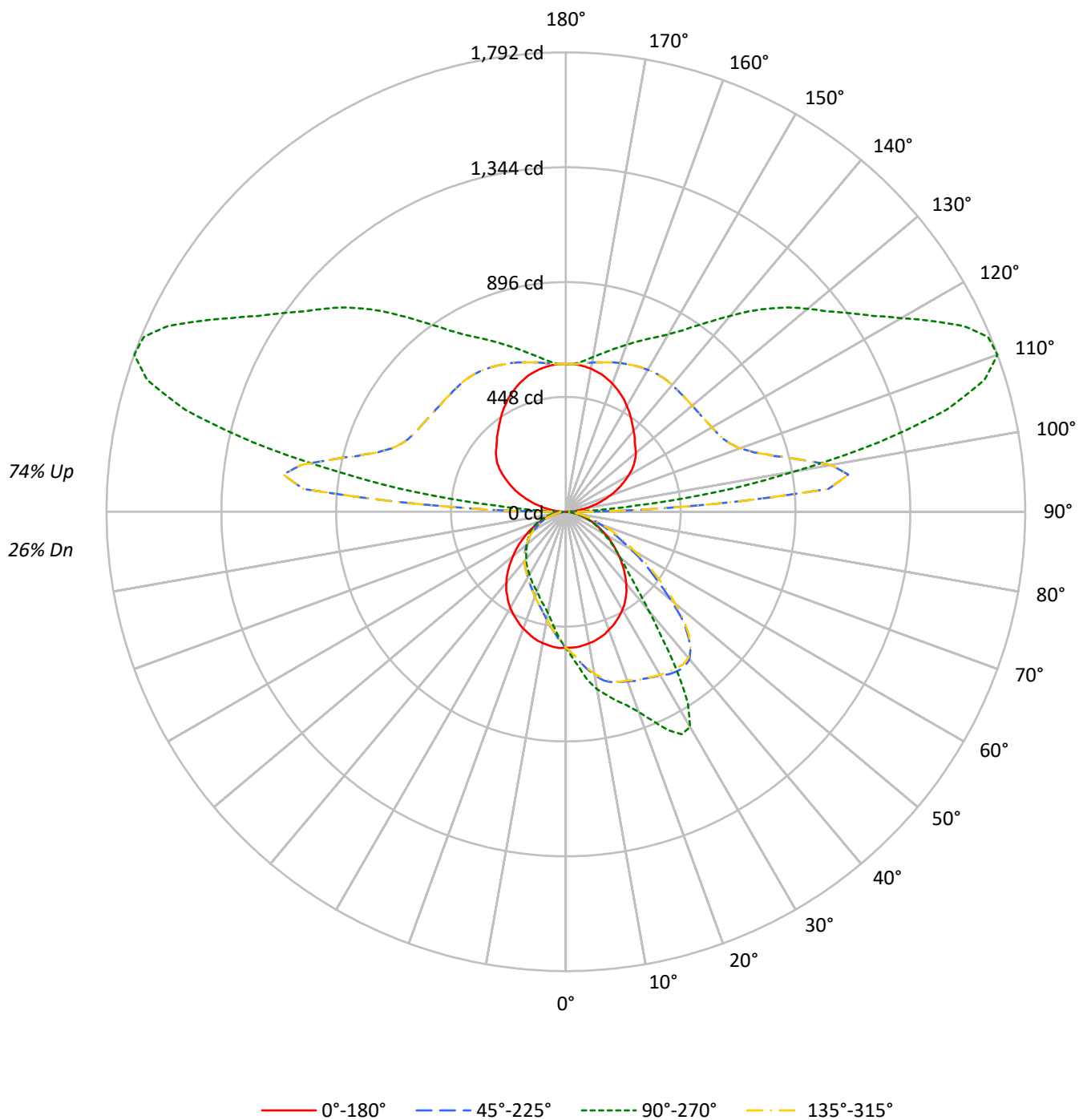
Lumens per Lamp: N/A
Luminaire Lumens: 5823.0 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 48
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34				26
1	92	88	85	81	82	79	76	73	61	59	57	45	44	43	30	29	29				22
2	84	77	71	67	75	69	64	60	54	50	48	40	38	36	27	25	24				19
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	24	22	21				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	19	18				14
5	64	53	46	40	57	48	41	36	38	33	29	28	25	22	19	17	16				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14				10
7	55	43	35	30	49	39	32	27	30	26	22	23	20	17	16	14	12				9
8	51	39	31	26	45	35	29	24	28	23	20	21	18	15	14	12	11				8
9	47	35	28	23	42	32	26	21	25	21	17	19	16	14	13	11	10				7
10	44	32	25	21	39	29	23	19	23	19	16	18	14	12	12	10	9				7

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	0.9
10°-20°	151.9	2.6
20°-30°	246.7	4.2
30°-40°	301.5	5.2
40°-50°	273.5	4.7
50°-60°	217.8	3.7
60°-70°	151.7	2.6
70°-80°	80.8	1.4
80°-90°	22.3	0.4
90°-100°	418.9	7.2
100°-110°	903.4	15.5
110°-120°	842.2	14.5
120°-130°	682.1	11.7
130°-140°	547.7	9.4
140°-150°	413.1	7.1
150°-160°	290.9	5.0
160°-170°	171.5	2.9
170°-180°	55.8	1.0
0°-30°	449.6	7.7
0°-40°	751.1	12.9
0°-60°	1242.4	21.3
0°-90°	1497.3	25.7
90°-120°	2164.5	37.2
90°-150°	3807.5	65.4
90°-180°	4326.0	74.3
0°-180°	5823.0	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	27	1	27	1	4
95°	38	273	38	273	38	40
105°	131	1538	131	1538	131	138
115°	234	1714	234	1714	234	231
125°	325	1350	325	1350	325	289
135°	381	1122	381	1122	381	296
145°	444	885	444	885	444	278
155°	506	742	506	742	506	233
165°	553	650	553	650	553	156
175°	575	584	575	584	575	55
180°	576	576	576	576	576	

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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°	1.2	2.3	4.6	7.0	9.3	10.4	11.6	12.8	15.1	16.3	18.6
92.5°	17.4	20.9	32.5	49.9	74.3	95.2	116.1	195.1	327.4	471.4	463.3
95°	38.3	39.5	48.8	61.5	87.1	113.2	139.3	263.6	519.0	839.5	1028.8
97.5°	59.2	60.4	67.3	80.1	103.3	122.5	141.7	227.6	423.8	769.8	1111.2
100°	81.3	83.6	88.2	101.0	123.1	140.5	157.9	225.3	376.2	668.8	1048.5
102.5°	105.7	106.8	110.3	124.2	144.0	160.8	177.7	235.7	356.5	592.2	938.2
105°	131.2	131.2	137.0	148.6	167.2	183.4	199.7	250.8	354.1	548.1	841.8
107.5°	155.6	157.9	163.7	173.0	192.7	207.2	221.8	271.7	362.3	524.8	769.8
110°	182.3	184.6	189.3	199.7	217.1	232.2	247.3	294.9	375.0	515.5	722.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	209.0	211.3	214.8	225.3	242.7	257.2	271.7	317.0	391.3	515.5	694.4
115°	234.5	236.9	240.4	250.8	268.2	282.7	297.2	340.2	407.6	519.0	675.8
117.5°	257.8	261.3	264.7	275.2	294.9	308.8	322.8	363.4	426.1	524.8	665.3
120°	281.0	284.5	289.1	299.6	319.3	333.8	348.3	389.0	444.7	534.1	658.4
122.5°	305.4	307.7	311.2	321.6	343.7	358.2	372.7	413.4	465.6	542.2	652.6
125°	325.1	327.4	333.2	343.7	365.8	380.8	395.9	434.3	484.2	551.5	647.9
127.5°	341.4	344.9	351.8	364.6	387.8	402.9	418.0	455.2	501.6	562.0	645.6
130°	356.5	359.9	369.2	384.3	408.7	423.8	438.9	474.9	519.0	571.3	643.3
132.5°	368.1	372.7	384.3	401.7	427.3	442.4	457.5	493.5	534.1	581.7	643.3
135°	380.8	385.5	399.4	418.0	442.4	458.0	473.7	509.7	548.1	591.0	643.3
137.5°	397.1	400.6	413.4	431.9	456.3	472.6	488.8	521.3	558.5	600.3	644.4
140°	411.0	414.5	428.5	447.0	469.1	484.8	500.4	534.1	569.0	606.1	645.6
142.5°	427.3	429.6	442.4	461.0	481.9	496.4	510.9	542.2	574.8	609.6	646.7
145°	443.5	445.9	457.5	473.7	494.6	508.0	521.3	551.5	580.6	611.9	645.6
147.5°	461.0	462.1	472.6	487.7	506.3	518.4	530.6	557.3	584.0	613.1	643.3
150°	476.1	478.4	486.5	501.6	517.9	527.8	537.6	563.1	587.5	613.1	639.8
152.5°	492.3	493.5	500.4	513.2	528.3	537.0	545.7	569.0	589.9	611.9	635.1
155°	506.3	506.3	513.2	524.8	536.4	544.6	552.7	572.4	591.0	609.6	629.3
157.5°	519.0	519.0	524.8	535.3	545.7	552.1	558.5	575.9	592.2	607.3	623.5
160°	531.8	530.6	535.3	543.4	552.7	557.9	563.1	578.2	592.2	603.8	617.7
162.5°	542.2	541.1	545.7	552.7	559.7	563.8	567.8	580.6	591.0	600.3	610.8
165°	552.7	550.4	553.9	559.7	564.3	567.8	571.3	580.6	589.9	596.8	603.8
167.5°	559.7	558.5	560.8	564.3	567.8	570.1	572.4	580.6	587.5	591.0	596.8
170°	566.6	565.5	566.6	569.0	571.3	573.0	574.8	580.6	585.2	587.5	591.0
172.5°	571.3	569.0	570.1	572.4	573.6	574.2	574.8	579.4	582.9	582.9	584.0
175°	574.8	572.4	573.6	574.8	574.8	574.8	574.8	578.2	580.6	579.4	579.4
177.5°	577.1	574.8	574.8	575.9	574.8	574.8	574.8	577.1	578.2	575.9	575.9
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

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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°	19.7	20.9	22.1	23.2	24.4	25.5	25.5	25.5	26.7	26.7	26.7
92.5°	373.9	252.0	181.1	134.7	123.6	112.6	94.1	90.6	88.2	85.9	88.2
95°	1006.7	834.8	658.4	515.5	466.8	418.0	335.6	300.7	291.4	272.9	291.4
97.5°	1257.5	1197.1	1056.6	912.6	843.0	773.3	703.6	643.3	611.9	598.0	611.9
100°	1338.8	1428.2	1371.3	1251.7	1191.3	1130.9	1050.8	967.2	924.3	905.7	924.3
102.5°	1290.0	1506.0	1564.0	1522.2	1486.2	1450.2	1363.2	1309.7	1262.1	1249.4	1262.1
105°	1175.1	1453.7	1612.8	1663.9	1657.5	1651.1	1614.0	1575.6	1552.4	1538.5	1552.4
107.5°	1065.9	1346.9	1557.1	1680.1	1705.6	1731.2	1741.7	1735.9	1724.3	1712.7	1724.3
110°	975.3	1226.1	1446.8	1610.5	1659.8	1709.2	1761.4	1783.5	1791.6	1791.6	1791.6

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	908.0	1130.9	1337.6	1503.7	1564.1	1624.4	1706.9	1748.7	1771.9	1782.3	1771.9
115°	862.7	1054.3	1234.3	1393.4	1456.6	1519.9	1610.5	1666.2	1698.7	1713.8	1698.7
117.5°	832.5	1000.9	1160.0	1299.3	1359.1	1418.9	1510.6	1568.7	1601.2	1610.5	1601.2
120°	808.1	959.1	1098.4	1226.1	1277.2	1328.3	1414.3	1470.0	1501.3	1510.6	1501.3
122.5°	787.2	927.7	1054.3	1164.6	1211.6	1258.7	1333.0	1382.9	1414.3	1422.4	1414.3
125°	768.7	897.5	1016.0	1117.0	1158.8	1200.6	1265.6	1313.2	1338.8	1350.4	1338.8
127.5°	751.2	866.2	978.8	1074.0	1113.5	1153.0	1212.2	1255.2	1279.6	1284.2	1279.6
130°	733.8	837.2	939.4	1029.9	1067.6	1105.4	1163.4	1201.8	1225.0	1232.0	1225.0
132.5°	719.9	808.1	902.2	982.3	1018.3	1054.3	1112.4	1150.7	1171.6	1179.7	1171.6
135°	709.4	783.8	863.9	938.2	971.3	1004.4	1055.5	1093.8	1114.7	1121.6	1114.7
137.5°	699.0	761.7	829.0	892.9	922.0	951.0	997.4	1033.4	1053.1	1061.3	1053.1
140°	692.0	744.3	798.9	852.3	876.6	901.0	944.0	974.2	991.6	997.4	991.6
142.5°	686.2	729.2	773.3	817.4	837.8	858.1	892.9	917.3	933.5	938.2	933.5
145°	680.4	716.4	752.4	788.4	804.1	819.8	847.6	867.4	880.1	884.8	880.1
147.5°	674.6	703.6	733.8	762.9	775.0	787.2	810.5	826.7	834.8	837.2	834.8
150°	667.6	693.2	718.7	740.8	751.2	761.7	779.1	793.0	797.7	798.9	797.7
152.5°	659.5	681.6	703.6	723.4	731.0	738.5	752.4	762.9	767.5	768.7	767.5
155°	650.2	670.0	688.5	704.8	711.2	717.6	729.2	737.3	740.8	742.0	740.8
157.5°	642.1	658.4	674.6	687.4	692.6	697.8	707.1	714.1	717.6	717.6	717.6
160°	631.7	646.7	658.4	670.0	674.0	678.1	686.2	692.0	694.4	693.2	694.4
162.5°	622.4	634.0	644.4	653.7	657.2	660.7	666.5	671.1	671.1	671.1	671.1
165°	613.1	622.4	630.5	637.5	640.4	643.3	647.9	650.2	650.2	650.2	650.2
167.5°	603.8	610.8	616.6	622.4	624.7	627.0	629.3	631.7	630.5	630.5	630.5
170°	595.7	601.5	604.9	608.4	609.6	610.8	613.1	614.2	614.2	613.1	614.2
172.5°	587.5	591.0	594.5	596.8	597.4	598.0	598.0	600.3	598.0	596.8	598.0
175°	580.6	584.0	584.0	586.4	586.4	586.4	586.4	587.5	585.2	584.0	585.2
177.5°	577.1	578.2	579.4	579.4	579.4	579.4	578.2	579.4	575.9	575.9	575.9
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

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°	25.5	25.5	25.5	24.4	23.2	22.1	20.9	19.7	18.6	16.3	15.1
92.5°	90.6	94.1	112.6	123.6	134.7	181.1	252.0	373.9	463.3	471.4	327.4
95°	300.7	335.6	418.0	466.8	515.5	658.4	834.8	1006.7	1028.8	839.5	519.0
97.5°	643.3	703.6	773.3	843.0	912.6	1056.6	1197.1	1257.5	1111.2	769.8	423.8
100°	967.2	1050.8	1130.9	1191.3	1251.7	1371.3	1428.2	1338.8	1048.5	668.8	376.2
102.5°	1309.7	1363.2	1450.2	1486.2	1522.2	1564.0	1506.0	1290.0	938.2	592.2	356.5
105°	1575.6	1614.0	1651.1	1657.5	1663.9	1612.8	1453.7	1175.1	841.8	548.1	354.1
107.5°	1735.9	1741.7	1731.2	1705.6	1680.1	1557.1	1346.9	1065.9	769.8	524.8	362.3
110°	1783.5	1761.4	1709.2	1659.8	1610.5	1446.8	1226.1	975.3	722.2	515.5	375.0

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1748.7	1706.9	1624.4	1564.1	1503.7	1337.6	1130.9	908.0	694.4	515.5	391.3
115°	1666.2	1610.5	1519.9	1456.6	1393.4	1234.3	1054.3	862.7	675.8	519.0	407.6
117.5°	1568.7	1510.6	1418.9	1359.1	1299.3	1160.0	1000.9	832.5	665.3	524.8	426.1
120°	1470.0	1414.3	1328.3	1277.2	1226.1	1098.4	959.1	808.1	658.4	534.1	444.7
122.5°	1382.9	1333.0	1258.7	1211.6	1164.6	1054.3	927.7	787.2	652.6	542.2	465.6
125°	1313.2	1265.6	1200.6	1158.8	1117.0	1016.0	897.5	768.7	647.9	551.5	484.2
127.5°	1255.2	1212.2	1153.0	1113.5	1074.0	978.8	866.2	751.2	645.6	562.0	501.6
130°	1201.8	1163.4	1105.4	1067.6	1029.9	939.4	837.2	733.8	643.3	571.3	519.0
132.5°	1150.7	1112.4	1054.3	1018.3	982.3	902.2	808.1	719.9	643.3	581.7	534.1
135°	1093.8	1055.5	1004.4	971.3	938.2	863.9	783.8	709.4	643.3	591.0	548.1
137.5°	1033.4	997.4	951.0	922.0	892.9	829.0	761.7	699.0	644.4	600.3	558.5
140°	974.2	944.0	901.0	876.6	852.3	798.9	744.3	692.0	645.6	606.1	569.0
142.5°	917.3	892.9	858.1	837.8	817.4	773.3	729.2	686.2	646.7	609.6	574.8
145°	867.4	847.6	819.8	804.1	788.4	752.4	716.4	680.4	645.6	611.9	580.6
147.5°	826.7	810.5	787.2	775.0	762.9	733.8	703.6	674.6	643.3	613.1	584.0
150°	793.0	779.1	761.7	751.2	740.8	718.7	693.2	667.6	639.8	613.1	587.5
152.5°	762.9	752.4	738.5	731.0	723.4	703.6	681.6	659.5	635.1	611.9	589.9
155°	737.3	729.2	717.6	711.2	704.8	688.5	670.0	650.2	629.3	609.6	591.0
157.5°	714.1	707.1	697.8	692.6	687.4	674.6	658.4	642.1	623.5	607.3	592.2
160°	692.0	686.2	678.1	674.0	670.0	658.4	646.7	631.7	617.7	603.8	592.2
162.5°	671.1	666.5	660.7	657.2	653.7	644.4	634.0	622.4	610.8	600.3	591.0
165°	650.2	647.9	643.3	640.4	637.5	630.5	622.4	613.1	603.8	596.8	589.9
167.5°	631.7	629.3	627.0	624.7	622.4	616.6	610.8	603.8	596.8	591.0	587.5
170°	614.2	613.1	610.8	609.6	608.4	604.9	601.5	595.7	591.0	587.5	585.2
172.5°	600.3	598.0	598.0	597.4	596.8	594.5	591.0	587.5	584.0	582.9	582.9
175°	587.5	586.4	586.4	586.4	586.4	584.0	584.0	580.6	579.4	579.4	580.6
177.5°	579.4	578.2	579.4	579.4	579.4	579.4	578.2	577.1	575.9	575.9	578.2
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

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°	12.8	11.6	10.4	9.3	7.0	4.6	2.3	1.2	2.3	4.6	7.0
92.5°	195.1	116.1	95.2	74.3	49.9	32.5	20.9	17.4	20.9	32.5	49.9
95°	263.6	139.3	113.2	87.1	61.5	48.8	39.5	38.3	39.5	48.8	61.5
97.5°	227.6	141.7	122.5	103.3	80.1	67.3	60.4	59.2	60.4	67.3	80.1
100°	225.3	157.9	140.5	123.1	101.0	88.2	83.6	81.3	83.6	88.2	101.0
102.5°	235.7	177.7	160.8	144.0	124.2	110.3	106.8	105.7	106.8	110.3	124.2
105°	250.8	199.7	183.4	167.2	148.6	137.0	131.2	131.2	131.2	137.0	148.6
107.5°	271.7	221.8	207.2	192.7	173.0	163.7	157.9	155.6	157.9	163.7	173.0
110°	294.9	247.3	232.2	217.1	199.7	189.3	184.6	182.3	184.6	189.3	199.7

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	317.0	271.7	257.2	242.7	225.3	214.8	211.3	209.0	211.3	214.8	225.3
115°	340.2	297.2	282.7	268.2	250.8	240.4	236.9	234.5	236.9	240.4	250.8
117.5°	363.4	322.8	308.8	294.9	275.2	264.7	261.3	257.8	261.3	264.7	275.2
120°	389.0	348.3	333.8	319.3	299.6	289.1	284.5	281.0	284.5	289.1	299.6
122.5°	413.4	372.7	358.2	343.7	321.6	311.2	307.7	305.4	307.7	311.2	321.6
125°	434.3	395.9	380.8	365.8	343.7	333.2	327.4	325.1	327.4	333.2	343.7
127.5°	455.2	418.0	402.9	387.8	364.6	351.8	344.9	341.4	344.9	351.8	364.6
130°	474.9	438.9	423.8	408.7	384.3	369.2	359.9	356.5	359.9	369.2	384.3
132.5°	493.5	457.5	442.4	427.3	401.7	384.3	372.7	368.1	372.7	384.3	401.7
135°	509.7	473.7	458.0	442.4	418.0	399.4	385.5	380.8	385.5	399.4	418.0
137.5°	521.3	488.8	472.6	456.3	431.9	413.4	400.6	397.1	400.6	413.4	431.9
140°	534.1	500.4	484.8	469.1	447.0	428.5	414.5	411.0	414.5	428.5	447.0
142.5°	542.2	510.9	496.4	481.9	461.0	442.4	429.6	427.3	429.6	442.4	461.0
145°	551.5	521.3	508.0	494.6	473.7	457.5	445.9	443.5	445.9	457.5	473.7
147.5°	557.3	530.6	518.4	506.3	487.7	472.6	462.1	461.0	462.1	472.6	487.7
150°	563.1	537.6	527.8	517.9	501.6	486.5	478.4	476.1	478.4	486.5	501.6
152.5°	569.0	545.7	537.0	528.3	513.2	500.4	493.5	492.3	493.5	500.4	513.2
155°	572.4	552.7	544.6	536.4	524.8	513.2	506.3	506.3	506.3	513.2	524.8
157.5°	575.9	558.5	552.1	545.7	535.3	524.8	519.0	519.0	519.0	524.8	535.3
160°	578.2	563.1	557.9	552.7	543.4	535.3	530.6	531.8	530.6	535.3	543.4
162.5°	580.6	567.8	563.8	559.7	552.7	545.7	541.1	542.2	541.1	545.7	552.7
165°	580.6	571.3	567.8	564.3	559.7	553.9	550.4	552.7	550.4	553.9	559.7
167.5°	580.6	572.4	570.1	567.8	564.3	560.8	558.5	559.7	558.5	560.8	564.3
170°	580.6	574.8	573.0	571.3	569.0	566.6	565.5	566.6	565.5	566.6	569.0
172.5°	579.4	574.8	574.2	573.6	572.4	570.1	569.0	571.3	569.0	570.1	572.4
175°	578.2	574.8	574.8	574.8	574.8	573.6	572.4	574.8	572.4	573.6	574.8
177.5°	577.1	574.8	574.8	574.8	575.9	574.8	574.8	577.1	574.8	574.8	575.9
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

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°	9.3	10.4	11.6	12.8	15.1	16.3	18.6	19.7	20.9	22.1	23.2
92.5°	74.3	95.2	116.1	195.1	327.4	471.4	463.3	373.9	252.0	181.1	134.7
95°	87.1	113.2	139.3	263.6	519.0	839.5	1028.8	1006.7	834.8	658.4	515.5
97.5°	103.3	122.5	141.7	227.6	423.8	769.8	1111.2	1257.5	1197.1	1056.6	912.6
100°	123.1	140.5	157.9	225.3	376.2	668.8	1048.5	1338.8	1428.2	1371.3	1251.7
102.5°	144.0	160.8	177.7	235.7	356.5	592.2	938.2	1290.0	1506.0	1564.0	1522.2
105°	167.2	183.4	199.7	250.8	354.1	548.1	841.8	1175.1	1453.7	1612.8	1663.9
107.5°	192.7	207.2	221.8	271.7	362.3	524.8	769.8	1065.9	1346.9	1557.1	1680.1
110°	217.1	232.2	247.3	294.9	375.0	515.5	722.2	975.3	1226.1	1446.8	1610.5

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	242.7	257.2	271.7	317.0	391.3	515.5	694.4	908.0	1130.9	1337.6	1503.7
115°	268.2	282.7	297.2	340.2	407.6	519.0	675.8	862.7	1054.3	1234.3	1393.4
117.5°	294.9	308.8	322.8	363.4	426.1	524.8	665.3	832.5	1000.9	1160.0	1299.3
120°	319.3	333.8	348.3	389.0	444.7	534.1	658.4	808.1	959.1	1098.4	1226.1
122.5°	343.7	358.2	372.7	413.4	465.6	542.2	652.6	787.2	927.7	1054.3	1164.6
125°	365.8	380.8	395.9	434.3	484.2	551.5	647.9	768.7	897.5	1016.0	1117.0
127.5°	387.8	402.9	418.0	455.2	501.6	562.0	645.6	751.2	866.2	978.8	1074.0
130°	408.7	423.8	438.9	474.9	519.0	571.3	643.3	733.8	837.2	939.4	1029.9
132.5°	427.3	442.4	457.5	493.5	534.1	581.7	643.3	719.9	808.1	902.2	982.3
135°	442.4	458.0	473.7	509.7	548.1	591.0	643.3	709.4	783.8	863.9	938.2
137.5°	456.3	472.6	488.8	521.3	558.5	600.3	644.4	699.0	761.7	829.0	892.9
140°	469.1	484.8	500.4	534.1	569.0	606.1	645.6	692.0	744.3	798.9	852.3
142.5°	481.9	496.4	510.9	542.2	574.8	609.6	646.7	686.2	729.2	773.3	817.4
145°	494.6	508.0	521.3	551.5	580.6	611.9	645.6	680.4	716.4	752.4	788.4
147.5°	506.3	518.4	530.6	557.3	584.0	613.1	643.3	674.6	703.6	733.8	762.9
150°	517.9	527.8	537.6	563.1	587.5	613.1	639.8	667.6	693.2	718.7	740.8
152.5°	528.3	537.0	545.7	569.0	589.9	611.9	635.1	659.5	681.6	703.6	723.4
155°	536.4	544.6	552.7	572.4	591.0	609.6	629.3	650.2	670.0	688.5	704.8
157.5°	545.7	552.1	558.5	575.9	592.2	607.3	623.5	642.1	658.4	674.6	687.4
160°	552.7	557.9	563.1	578.2	592.2	603.8	617.7	631.7	646.7	658.4	670.0
162.5°	559.7	563.8	567.8	580.6	591.0	600.3	610.8	622.4	634.0	644.4	653.7
165°	564.3	567.8	571.3	580.6	589.9	596.8	603.8	613.1	622.4	630.5	637.5
167.5°	567.8	570.1	572.4	580.6	587.5	591.0	596.8	603.8	610.8	616.6	622.4
170°	571.3	573.0	574.8	580.6	585.2	587.5	591.0	595.7	601.5	604.9	608.4
172.5°	573.6	574.2	574.8	579.4	582.9	582.9	584.0	587.5	591.0	594.5	596.8
175°	574.8	574.8	574.8	578.2	580.6	579.4	579.4	580.6	584.0	584.0	586.4
177.5°	574.8	574.8	574.8	577.1	578.2	575.9	575.9	577.1	578.2	579.4	579.4
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

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°	24.4	25.5	25.5	25.5	26.7	26.7	26.7	25.5	25.5	25.5	24.4
92.5°	123.6	112.6	94.1	90.6	88.2	85.9	88.2	90.6	94.1	112.6	123.6
95°	466.8	418.0	335.6	300.7	291.4	272.9	291.4	300.7	335.6	418.0	466.8
97.5°	843.0	773.3	703.6	643.3	611.9	598.0	611.9	643.3	703.6	773.3	843.0
100°	1191.3	1130.9	1050.8	967.2	924.3	905.7	924.3	967.2	1050.8	1130.9	1191.3
102.5°	1486.2	1450.2	1363.2	1309.7	1262.1	1249.4	1262.1	1309.7	1363.2	1450.2	1486.2
105°	1657.5	1651.1	1614.0	1575.6	1552.4	1538.5	1552.4	1575.6	1614.0	1651.1	1657.5
107.5°	1705.6	1731.2	1741.7	1735.9	1724.3	1712.7	1724.3	1735.9	1741.7	1731.2	1705.6
110°	1659.8	1709.2	1761.4	1783.5	1791.6	1791.6	1791.6	1783.5	1761.4	1709.2	1659.8

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1564.1	1624.4	1706.9	1748.7	1771.9	1782.3	1771.9	1748.7	1706.9	1624.4	1564.1
115°	1456.6	1519.9	1610.5	1666.2	1698.7	1713.8	1698.7	1666.2	1610.5	1519.9	1456.6
117.5°	1359.1	1418.9	1510.6	1568.7	1601.2	1610.5	1601.2	1568.7	1510.6	1418.9	1359.1
120°	1277.2	1328.3	1414.3	1470.0	1501.3	1510.6	1501.3	1470.0	1414.3	1328.3	1277.2
122.5°	1211.6	1258.7	1333.0	1382.9	1414.3	1422.4	1414.3	1382.9	1333.0	1258.7	1211.6
125°	1158.8	1200.6	1265.6	1313.2	1338.8	1350.4	1338.8	1313.2	1265.6	1200.6	1158.8
127.5°	1113.5	1153.0	1212.2	1255.2	1279.6	1284.2	1279.6	1255.2	1212.2	1153.0	1113.5
130°	1067.6	1105.4	1163.4	1201.8	1225.0	1232.0	1225.0	1201.8	1163.4	1105.4	1067.6
132.5°	1018.3	1054.3	1112.4	1150.7	1171.6	1179.7	1171.6	1150.7	1112.4	1054.3	1018.3
135°	971.3	1004.4	1055.5	1093.8	1114.7	1121.6	1114.7	1093.8	1055.5	1004.4	971.3
137.5°	922.0	951.0	997.4	1033.4	1053.1	1061.3	1053.1	1033.4	997.4	951.0	922.0
140°	876.6	901.0	944.0	974.2	991.6	997.4	991.6	974.2	944.0	901.0	876.6
142.5°	837.8	858.1	892.9	917.3	933.5	938.2	933.5	917.3	892.9	858.1	837.8
145°	804.1	819.8	847.6	867.4	880.1	884.8	880.1	867.4	847.6	819.8	804.1
147.5°	775.0	787.2	810.5	826.7	834.8	837.2	834.8	826.7	810.5	787.2	775.0
150°	751.2	761.7	779.1	793.0	797.7	798.9	797.7	793.0	779.1	761.7	751.2
152.5°	731.0	738.5	752.4	762.9	767.5	768.7	767.5	762.9	752.4	738.5	731.0
155°	711.2	717.6	729.2	737.3	740.8	742.0	740.8	737.3	729.2	717.6	711.2
157.5°	692.6	697.8	707.1	714.1	717.6	717.6	717.6	714.1	707.1	697.8	692.6
160°	674.0	678.1	686.2	692.0	694.4	693.2	694.4	692.0	686.2	678.1	674.0
162.5°	657.2	660.7	666.5	671.1	671.1	671.1	671.1	671.1	666.5	660.7	657.2
165°	640.4	643.3	647.9	650.2	650.2	650.2	650.2	650.2	647.9	643.3	640.4
167.5°	624.7	627.0	629.3	631.7	630.5	630.5	630.5	631.7	629.3	627.0	624.7
170°	609.6	610.8	613.1	614.2	614.2	613.1	614.2	614.2	613.1	610.8	609.6
172.5°	597.4	598.0	598.0	600.3	598.0	596.8	598.0	600.3	598.0	598.0	597.4
175°	586.4	586.4	586.4	587.5	585.2	584.0	585.2	587.5	586.4	586.4	586.4
177.5°	579.4	579.4	578.2	579.4	575.9	575.9	575.9	579.4	578.2	579.4	579.4
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

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°	23.2	22.1	20.9	19.7	18.6	16.3	15.1	12.8	11.6	10.4	9.3
92.5°	134.7	181.1	252.0	373.9	463.3	471.4	327.4	195.1	116.1	95.2	74.3
95°	515.5	658.4	834.8	1006.7	1028.8	839.5	519.0	263.6	139.3	113.2	87.1
97.5°	912.6	1056.6	1197.1	1257.5	1111.2	769.8	423.8	227.6	141.7	122.5	103.3
100°	1251.7	1371.3	1428.2	1338.8	1048.5	668.8	376.2	225.3	157.9	140.5	123.1
102.5°	1522.2	1564.0	1506.0	1290.0	938.2	592.2	356.5	235.7	177.7	160.8	144.0
105°	1663.9	1612.8	1453.7	1175.1	841.8	548.1	354.1	250.8	199.7	183.4	167.2
107.5°	1680.1	1557.1	1346.9	1065.9	769.8	524.8	362.3	271.7	221.8	207.2	192.7
110°	1610.5	1446.8	1226.1	975.3	722.2	515.5	375.0	294.9	247.3	232.2	217.1

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1503.7	1337.6	1130.9	908.0	694.4	515.5	391.3	317.0	271.7	257.2	242.7
115°	1393.4	1234.3	1054.3	862.7	675.8	519.0	407.6	340.2	297.2	282.7	268.2
117.5°	1299.3	1160.0	1000.9	832.5	665.3	524.8	426.1	363.4	322.8	308.8	294.9
120°	1226.1	1098.4	959.1	808.1	658.4	534.1	444.7	389.0	348.3	333.8	319.3
122.5°	1164.6	1054.3	927.7	787.2	652.6	542.2	465.6	413.4	372.7	358.2	343.7
125°	1117.0	1016.0	897.5	768.7	647.9	551.5	484.2	434.3	395.9	380.8	365.8
127.5°	1074.0	978.8	866.2	751.2	645.6	562.0	501.6	455.2	418.0	402.9	387.8
130°	1029.9	939.4	837.2	733.8	643.3	571.3	519.0	474.9	438.9	423.8	408.7
132.5°	982.3	902.2	808.1	719.9	643.3	581.7	534.1	493.5	457.5	442.4	427.3
135°	938.2	863.9	783.8	709.4	643.3	591.0	548.1	509.7	473.7	458.0	442.4
137.5°	892.9	829.0	761.7	699.0	644.4	600.3	558.5	521.3	488.8	472.6	456.3
140°	852.3	798.9	744.3	692.0	645.6	606.1	569.0	534.1	500.4	484.8	469.1
142.5°	817.4	773.3	729.2	686.2	646.7	609.6	574.8	542.2	510.9	496.4	481.9
145°	788.4	752.4	716.4	680.4	645.6	611.9	580.6	551.5	521.3	508.0	494.6
147.5°	762.9	733.8	703.6	674.6	643.3	613.1	584.0	557.3	530.6	518.4	506.3
150°	740.8	718.7	693.2	667.6	639.8	613.1	587.5	563.1	537.6	527.8	517.9
152.5°	723.4	703.6	681.6	659.5	635.1	611.9	589.9	569.0	545.7	537.0	528.3
155°	704.8	688.5	670.0	650.2	629.3	609.6	591.0	572.4	552.7	544.6	536.4
157.5°	687.4	674.6	658.4	642.1	623.5	607.3	592.2	575.9	558.5	552.1	545.7
160°	670.0	658.4	646.7	631.7	617.7	603.8	592.2	578.2	563.1	557.9	552.7
162.5°	653.7	644.4	634.0	622.4	610.8	600.3	591.0	580.6	567.8	563.8	559.7
165°	637.5	630.5	622.4	613.1	603.8	596.8	589.9	580.6	571.3	567.8	564.3
167.5°	622.4	616.6	610.8	603.8	596.8	591.0	587.5	580.6	572.4	570.1	567.8
170°	608.4	604.9	601.5	595.7	591.0	587.5	585.2	580.6	574.8	573.0	571.3
172.5°	596.8	594.5	591.0	587.5	584.0	582.9	582.9	579.4	574.8	574.2	573.6
175°	586.4	584.0	584.0	580.6	579.4	579.4	580.6	578.2	574.8	574.8	574.8
177.5°	579.4	579.4	578.2	577.1	575.9	575.9	578.2	577.1	574.8	574.8	574.8
180°	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9	575.9

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

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°	7.0	4.6	2.3	1.2
92.5°	49.9	32.5	20.9	17.4
95°	61.5	48.8	39.5	38.3
97.5°	80.1	67.3	60.4	59.2
100°	101.0	88.2	83.6	81.3
102.5°	124.2	110.3	106.8	105.7
105°	148.6	137.0	131.2	131.2
107.5°	173.0	163.7	157.9	155.6
110°	199.7	189.3	184.6	182.3

TEST NUMBER: P1027804

CATALOG NUMBER: S125DIP-B375D1270UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	225.3	214.8	211.3	209.0
115°	250.8	240.4	236.9	234.5
117.5°	275.2	264.7	261.3	257.8
120°	299.6	289.1	284.5	281.0
122.5°	321.6	311.2	307.7	305.4
125°	343.7	333.2	327.4	325.1
127.5°	364.6	351.8	344.9	341.4
130°	384.3	369.2	359.9	356.5
132.5°	401.7	384.3	372.7	368.1
135°	418.0	399.4	385.5	380.8
137.5°	431.9	413.4	400.6	397.1
140°	447.0	428.5	414.5	411.0
142.5°	461.0	442.4	429.6	427.3
145°	473.7	457.5	445.9	443.5
147.5°	487.7	472.6	462.1	461.0
150°	501.6	486.5	478.4	476.1
152.5°	513.2	500.4	493.5	492.3
155°	524.8	513.2	506.3	506.3
157.5°	535.3	524.8	519.0	519.0
160°	543.4	535.3	530.6	531.8
162.5°	552.7	545.7	541.1	542.2
165°	559.7	553.9	550.4	552.7
167.5°	564.3	560.8	558.5	559.7
170°	569.0	566.6	565.5	566.6
172.5°	572.4	570.1	569.0	571.3
175°	574.8	573.6	572.4	574.8
177.5°	575.9	574.8	574.8	577.1
180°	575.9	575.9	575.9	575.9

(END OF REPORT)