

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: P1027831

Luminaire Tested: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027831
REPORT IS A COMBINATION OF REPORTS P1001932 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D1270UB50-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

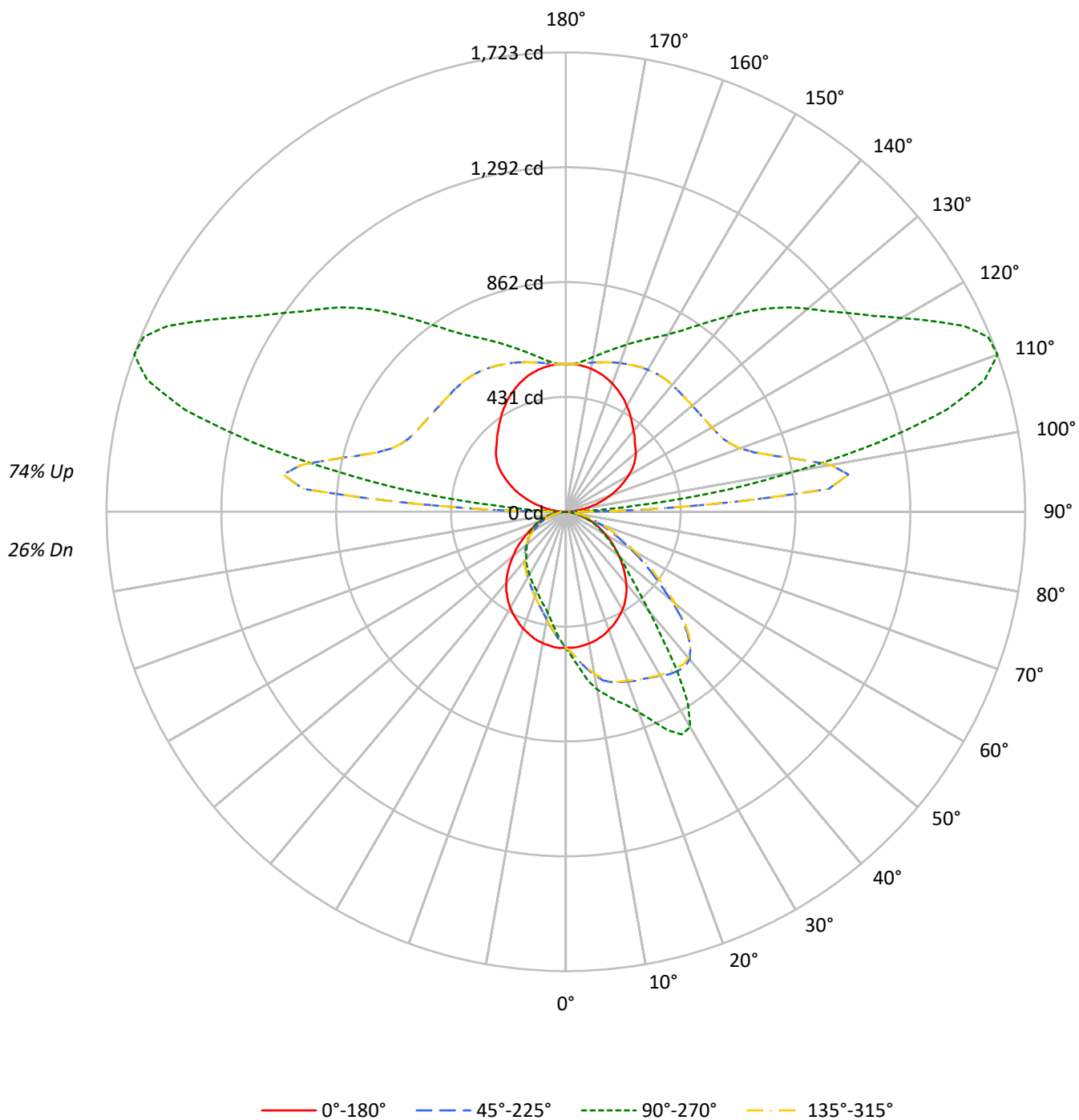
Lumens per Lamp: N/A
Luminaire Lumens: 5600.0 lumens
Efficiency: N/A
Efficacy: 116.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3265	3265	3265	3265
5°	3268	3704	3270	2810
10°	3248	4221	3242	2412
15°	3224	4577	3204	2179
20°	3183	5016	3154	1990
25°	3147	5748	3089	1877
30°	3095	6063	3041	1776
35°	3013	4860	2950	1693
40°	2884	3359	2842	1608
45°	2723	2501	2692	1535
50°	2538	2059	2495	1478
55°	2337	1756	2319	1428
60°	2141	1503	2104	1389
65°	1930	1298	1898	1333
70°	1706	1078	1683	1234
75°	1470	834	1449	1072
80°	1160	564	1118	788
85°	743	282	715	401

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4987 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	0.9
10°-20°	146.1	2.6
20°-30°	237.3	4.2
30°-40°	290.0	5.2
40°-50°	263.1	4.7
50°-60°	209.5	3.7
60°-70°	145.9	2.6
70°-80°	77.7	1.4
80°-90°	21.5	0.4
90°-100°	402.9	7.2
100°-110°	868.7	15.5
110°-120°	809.9	14.5
120°-130°	656.0	11.7
130°-140°	526.7	9.4
140°-150°	397.3	7.1
150°-160°	279.8	5.0
160°-170°	164.9	2.9
170°-180°	53.6	1.0
0°-30°	432.4	7.7
0°-40°	722.4	12.9
0°-60°	1195.0	21.3
0°-90°	1440.2	25.7
90°-120°	2081.5	37.2
90°-150°	3661.5	65.4
90°-180°	4160.0	74.3
0°-180°	5600.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	510	510	510	510	510	
5°	509	588	510	446	509	48
15°	489	734	486	350	489	138
25°	450	903	442	295	450	207
35°	392	725	384	253	392	245
45°	308	342	304	210	308	237
55°	217	211	215	171	217	194
65°	134	129	132	133	134	133
75°	65	64	64	82	65	69
85°	13	14	12	20	13	16
90°	1	26	1	26	1	3
95°	37	262	37	262	37	38
105°	126	1480	126	1480	126	133
115°	226	1648	226	1648	226	222
125°	313	1299	313	1299	313	278
135°	366	1079	366	1079	366	284
145°	426	851	426	851	426	267
155°	487	714	487	714	487	224
165°	532	625	532	625	532	150
175°	553	562	553	562	553	53
180°	554	554	554	554	554	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	510.5	513.5	516.9	519.5	523.9	525.2	527.3	528.6	529.9	531.2	532.1
5°	509.2	516.5	523.0	527.8	536.0	539.0	542.9	547.7	553.3	558.0	561.1
7.5°	505.7	517.4	526.0	535.5	546.8	554.2	558.0	568.0	577.1	584.0	593.1
10°	501.4	515.2	528.6	542.9	558.9	567.1	574.9	588.8	601.3	612.6	621.6
12.5°	496.6	513.5	529.5	548.1	569.7	579.7	584.9	608.7	624.2	630.3	648.0
15°	489.3	509.2	532.1	555.0	573.2	584.9	599.1	618.2	633.7	647.2	661.4
17.5°	482.3	504.0	527.3	552.9	579.2	594.4	605.2	622.1	638.9	656.2	669.7
20°	471.1	499.2	523.0	550.3	581.4	592.2	603.5	623.4	641.5	660.1	677.0
22.5°	462.0	488.8	521.3	547.2	573.6	584.4	598.3	619.0	640.7	661.9	686.5
25°	450.3	480.2	508.3	536.0	563.2	574.9	587.5	614.3	636.8	664.0	691.3
27.5°	437.8	468.5	496.6	521.7	547.2	563.2	576.6	604.8	634.6	664.5	699.9
30°	424.4	453.4	480.2	504.8	533.0	549.4	562.8	595.7	629.0	667.1	709.5
32.5°	410.1	437.4	460.3	485.4	515.2	530.4	548.5	584.4	623.8	669.2	722.4
35°	391.9	417.9	438.2	463.7	493.6	513.1	532.1	572.3	618.2	668.8	729.8
37.5°	373.8	394.1	413.6	440.8	475.4	493.2	513.1	557.2	609.5	667.5	732.8
40°	352.1	372.0	388.9	416.6	452.9	473.3	494.0	540.3	599.6	662.7	722.0
42.5°	330.5	347.4	366.0	395.0	430.0	451.6	473.7	525.2	586.6	648.9	692.1
45°	308.0	321.0	341.3	367.7	404.9	425.7	450.8	506.6	568.4	623.8	645.4
47.5°	284.6	297.6	316.7	342.2	379.0	403.6	427.4	483.2	545.5	588.3	588.3
50°	262.2	272.5	291.1	316.7	353.9	376.4	400.6	459.8	510.0	541.6	513.5
52.5°	237.9	249.6	265.2	292.0	328.8	349.1	375.5	426.1	473.7	486.7	443.4
55°	216.7	226.2	241.0	266.5	300.7	321.8	344.3	392.8	433.0	432.2	385.9
57.5°	194.7	202.5	218.0	241.4	273.0	292.0	314.5	356.5	389.3	377.7	334.0
60°	174.3	180.0	195.1	214.1	244.4	262.2	283.8	318.0	343.0	326.6	282.5
62.5°	153.1	159.6	171.7	190.3	217.2	231.4	247.4	282.1	298.1	283.3	238.4
65°	134.1	139.3	150.1	165.7	189.9	202.9	216.7	245.3	260.4	239.2	202.0
67.5°	115.1	121.1	128.9	142.8	161.8	173.9	186.0	210.7	217.6	198.6	167.4
70°	97.3	102.5	109.9	119.8	135.8	146.6	155.7	176.1	180.8	163.1	138.4
72.5°	80.0	83.5	89.5	97.8	112.5	118.5	128.0	141.9	147.9	131.9	114.2
75°	64.9	67.5	71.4	77.4	87.4	93.9	101.7	114.6	114.2	103.0	90.4
77.5°	50.2	50.6	54.9	60.6	66.6	72.2	76.1	85.2	86.1	79.2	68.8
80°	35.9	37.2	38.9	43.3	48.5	50.6	55.4	61.0	61.9	56.7	49.7
82.5°	22.9	23.8	25.1	27.7	31.1	33.7	36.3	38.5	40.7	37.6	32.0
85°	13.0	13.4	14.7	15.6	17.3	18.6	20.8	22.9	22.5	20.3	18.6
87.5°	6.5	6.5	6.5	7.4	8.2	8.2	9.1	9.5	9.9	9.1	8.2
90°	1.1	2.2	4.5	6.7	8.9	10.0	11.2	12.3	14.5	15.6	17.9
92.5°	16.7	20.1	31.3	48.0	71.5	91.6	111.7	187.6	314.9	453.3	445.5
95°	36.8	38.0	46.9	59.2	83.7	108.8	134.0	253.5	499.1	807.3	989.3
97.5°	56.9	58.1	64.8	77.0	99.4	117.8	136.2	218.9	407.6	740.3	1068.6
100°	78.2	80.4	84.9	97.1	118.4	135.2	151.9	216.6	361.8	643.2	1008.3
102.5°	101.6	102.7	106.1	119.5	138.5	154.6	170.8	226.7	342.8	569.5	902.2
105°	126.2	126.2	131.8	142.9	160.8	176.4	192.1	241.2	340.6	527.0	809.5
107.5°	149.6	151.9	157.4	166.4	185.4	199.4	213.3	261.3	348.4	504.7	740.3
110°	175.3	177.5	182.0	192.1	208.8	223.3	237.8	283.6	360.7	495.8	694.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	201.0	203.2	206.6	216.6	233.4	247.4	261.3	304.8	376.3	495.8	667.7
115°	225.6	227.8	231.1	241.2	257.9	271.8	285.8	327.2	391.9	499.1	649.9
117.5°	247.9	251.2	254.6	264.6	283.6	297.0	310.4	349.5	409.8	504.7	639.8
120°	270.2	273.6	278.0	288.1	307.1	321.0	335.0	374.1	427.7	513.6	633.1
122.5°	293.7	295.9	299.2	309.3	330.5	344.4	358.4	397.5	447.8	521.4	627.5
125°	312.6	314.9	320.5	330.5	351.7	366.2	380.8	417.6	465.6	530.4	623.1
127.5°	328.3	331.6	338.3	350.6	372.9	387.4	402.0	437.7	482.4	540.4	620.8
130°	342.8	346.1	355.1	369.6	393.0	407.6	422.1	456.7	499.1	549.4	618.6
132.5°	354.0	358.4	369.6	386.3	410.9	425.4	439.9	474.6	513.6	559.4	618.6
135°	366.2	370.7	384.1	402.0	425.4	440.5	455.6	490.2	527.0	568.3	618.6
137.5°	381.9	385.2	397.5	415.4	438.8	454.4	470.1	501.3	537.1	577.3	619.7
140°	395.3	398.6	412.0	429.9	451.1	466.2	481.3	513.6	547.1	582.9	620.8
142.5°	410.9	413.1	425.4	443.3	463.4	477.4	491.3	521.4	552.7	586.2	621.9
145°	426.5	428.8	439.9	455.6	475.7	488.5	501.3	530.4	558.3	588.4	620.8
147.5°	443.3	444.4	454.5	469.0	486.8	498.6	510.3	536.0	561.6	589.6	618.6
150°	457.8	460.0	467.9	482.4	498.0	507.5	517.0	541.5	565.0	589.6	615.2
152.5°	473.4	474.6	481.3	493.5	508.0	516.4	524.8	547.1	567.2	588.4	610.8
155°	486.8	486.8	493.5	504.7	515.9	523.7	531.5	550.5	568.3	586.2	605.2
157.5°	499.1	499.1	504.7	514.7	524.8	531.0	537.1	553.8	569.5	584.0	599.6
160°	511.4	510.3	514.7	522.6	531.5	536.5	541.5	556.1	569.5	580.6	594.0
162.5°	521.4	520.3	524.8	531.5	538.2	542.1	546.0	558.3	568.3	577.3	587.3
165°	531.5	529.3	532.6	538.2	542.7	546.0	549.4	558.3	567.2	573.9	580.6
167.5°	538.2	537.1	539.3	542.7	546.0	548.2	550.5	558.3	565.0	568.3	573.9
170°	544.9	543.8	544.9	547.1	549.4	551.0	552.7	558.3	562.8	565.0	568.3
172.5°	549.4	547.1	548.2	550.5	551.6	552.2	552.7	557.2	560.5	560.5	561.6
175°	552.7	550.5	551.6	552.7	552.7	552.7	552.7	556.1	558.3	557.2	557.2
177.5°	554.9	552.7	552.7	553.8	552.7	552.7	552.7	554.9	556.1	553.8	553.8
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	533.0	536.0	538.6	540.7	542.5	545.1	543.3	543.8	544.6	546.4	546.4
5°	567.6	572.3	574.9	583.6	585.7	585.3	584.0	590.9	590.5	587.9	587.5
7.5°	601.3	609.5	616.9	623.8	626.0	631.6	632.9	635.9	635.0	639.4	637.2
10°	632.0	645.0	651.9	662.3	664.9	667.5	671.0	672.7	676.6	676.1	676.1
12.5°	655.8	671.4	680.5	683.1	693.0	696.0	699.1	704.7	703.4	703.8	706.4
15°	674.4	689.6	697.3	709.5	716.4	719.8	725.0	731.1	730.2	734.1	733.2
17.5°	688.3	702.5	716.8	735.0	735.4	744.5	756.6	759.2	764.8	760.9	760.9
20°	699.5	718.5	738.9	762.2	764.8	770.4	785.2	795.1	801.6	799.4	800.7
22.5°	711.6	738.9	762.7	786.0	798.6	808.5	822.8	838.4	844.0	847.4	846.6
25°	727.2	755.7	790.8	823.2	836.2	855.2	874.3	889.4	893.7	903.3	894.6
27.5°	743.2	783.4	827.1	865.2	881.6	897.2	920.1	931.4	937.0	941.3	938.3
30°	756.6	812.0	859.6	894.6	906.3	915.4	928.3	930.9	928.8	932.2	936.6
32.5°	777.4	831.4	871.7	888.5	887.2	886.8	876.9	863.0	860.0	851.8	863.0
35°	788.6	831.9	847.4	825.0	815.9	799.4	767.9	747.1	728.9	725.0	725.9
37.5°	782.1	799.0	780.4	721.1	706.4	681.3	639.4	610.0	596.5	586.2	599.6
40°	747.1	728.5	677.4	605.2	584.0	560.2	520.8	504.8	485.8	481.9	499.6
42.5°	689.1	632.5	560.2	504.4	482.3	468.9	436.1	420.9	407.5	401.4	411.4
45°	610.4	541.6	468.9	423.1	404.5	388.5	369.0	353.0	344.3	341.7	350.0
47.5°	529.1	456.4	398.4	364.2	344.8	332.7	314.5	305.4	298.5	299.4	300.7
50°	451.2	385.0	340.5	306.3	296.8	287.2	275.1	267.3	263.9	265.2	264.3
52.5°	384.1	330.5	292.9	266.5	262.2	253.1	243.1	236.6	235.3	235.8	237.1
55°	325.3	283.3	253.5	234.5	229.7	223.2	217.2	212.8	209.4	210.7	210.2
57.5°	280.8	244.0	221.1	205.5	202.0	198.1	192.5	190.3	189.0	186.4	188.6
60°	241.4	211.5	191.6	182.1	179.1	176.5	170.4	167.8	167.0	165.7	169.1
62.5°	204.2	183.0	167.8	159.2	156.2	153.6	150.5	148.4	148.8	147.1	148.8
65°	174.8	157.5	146.6	138.9	135.0	133.2	132.8	129.3	128.9	129.3	129.8
67.5°	147.5	132.8	124.6	119.8	116.8	115.1	113.8	111.6	113.3	112.0	112.9
70°	122.9	112.9	104.3	99.5	98.2	98.6	96.5	95.6	96.0	95.2	96.0
72.5°	99.1	90.8	87.4	83.9	82.2	81.8	80.5	79.2	80.5	80.0	80.0
75°	79.2	73.1	69.2	67.1	67.1	66.2	64.0	64.0	64.0	63.6	64.0
77.5°	61.0	55.8	54.1	51.9	51.9	50.6	50.2	50.2	49.3	50.6	49.7
80°	45.4	41.5	38.9	37.6	37.6	37.2	36.3	35.9	36.3	35.9	35.9
82.5°	29.4	27.7	26.4	25.1	24.7	25.1	24.7	23.8	24.2	23.8	24.7
85°	16.9	15.1	15.1	14.3	14.7	13.8	14.3	13.4	13.0	14.3	13.4
87.5°	7.4	6.9	6.9	6.1	6.1	6.1	5.6	6.1	5.6	5.2	5.6
90°	19.0	20.1	21.2	22.3	23.5	24.6	24.6	24.6	25.7	25.7	25.7
92.5°	359.5	242.3	174.2	129.5	118.9	108.3	90.4	87.1	84.9	82.6	84.9
95°	968.1	802.8	633.1	495.8	448.9	402.0	322.7	289.2	280.3	262.4	280.3
97.5°	1209.3	1151.2	1016.1	877.6	810.6	743.6	676.7	618.6	588.4	575.0	588.4
100°	1287.4	1373.4	1318.7	1203.7	1145.6	1087.6	1010.5	930.1	888.8	870.9	888.8
102.5°	1240.5	1448.2	1504.0	1463.9	1429.2	1394.6	1310.9	1259.5	1213.7	1201.5	1213.7
105°	1130.0	1398.0	1550.9	1600.1	1593.9	1587.8	1552.1	1515.2	1492.9	1479.5	1492.9
107.5°	1025.0	1295.2	1497.3	1615.7	1640.2	1664.8	1674.9	1669.3	1658.1	1647.0	1658.1
110°	937.9	1179.1	1391.3	1548.7	1596.2	1643.6	1693.9	1715.1	1722.9	1722.9	1722.9

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	873.2	1087.6	1286.3	1446.0	1504.0	1562.1	1641.4	1681.6	1703.9	1714.0	1703.9
115°	829.6	1013.9	1186.9	1339.9	1400.8	1461.6	1548.7	1602.3	1633.6	1648.1	1633.6
117.5°	800.6	962.5	1115.5	1249.5	1307.0	1364.5	1452.7	1508.5	1539.8	1548.7	1539.8
120°	777.1	922.3	1056.3	1179.1	1228.2	1277.4	1360.0	1413.6	1443.8	1452.7	1443.8
122.5°	757.0	892.2	1013.9	1119.9	1165.2	1210.4	1281.8	1329.9	1360.0	1367.8	1360.0
125°	739.2	863.1	977.0	1074.2	1114.4	1154.6	1217.1	1262.9	1287.4	1298.6	1287.4
127.5°	722.4	833.0	941.3	1032.8	1070.8	1108.8	1165.7	1207.0	1230.5	1234.9	1230.5
130°	705.7	805.1	903.3	990.4	1026.7	1063.0	1118.8	1155.7	1178.0	1184.7	1178.0
132.5°	692.3	777.1	867.6	944.6	979.2	1013.9	1069.7	1106.5	1126.6	1134.5	1126.6
135°	682.2	753.7	830.7	902.2	934.0	965.9	1015.0	1051.8	1071.9	1078.6	1071.9
137.5°	672.2	732.5	797.2	858.7	886.6	914.5	959.2	993.8	1012.7	1020.6	1012.7
140°	665.5	715.7	768.2	819.6	843.0	866.5	907.8	936.8	953.6	959.2	953.6
142.5°	659.9	701.2	743.6	786.1	805.7	825.2	858.7	882.1	897.7	902.2	897.7
145°	654.3	688.9	723.6	758.2	773.2	788.3	815.1	834.1	846.4	850.8	846.4
147.5°	648.7	676.7	705.7	733.6	745.3	757.0	779.4	795.0	802.8	805.1	802.8
150°	642.0	666.6	691.2	712.4	722.4	732.5	749.2	762.6	767.1	768.2	767.1
152.5°	634.2	655.4	676.7	695.6	702.9	710.2	723.6	733.6	738.1	739.2	738.1
155°	625.3	644.3	662.1	677.8	684.0	690.1	701.2	709.0	712.4	713.5	712.4
157.5°	617.5	633.1	648.7	661.0	666.0	671.1	680.0	686.7	690.1	690.1	690.1
160°	607.4	621.9	633.1	644.3	648.2	652.1	659.9	665.5	667.7	666.6	667.7
162.5°	598.5	609.7	619.7	628.6	632.0	635.3	640.9	645.4	645.4	645.4	645.4
165°	589.6	598.5	606.3	613.0	615.8	618.6	623.1	625.3	625.3	625.3	625.3
167.5°	580.6	587.3	592.9	598.5	600.8	603.0	605.2	607.4	606.3	606.3	606.3
170°	572.8	578.4	581.7	585.1	586.2	587.3	589.6	590.7	590.7	589.6	590.7
172.5°	565.0	568.3	571.7	573.9	574.4	575.0	575.0	577.3	575.0	573.9	575.0
175°	558.3	561.6	561.6	563.9	563.9	563.9	563.9	565.0	562.8	561.6	562.8
177.5°	554.9	556.1	557.2	557.2	557.2	557.2	556.1	557.2	553.8	553.8	553.8
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	545.5	542.5	543.3	542.5	540.3	539.0	535.5	531.2	529.5	527.3	526.0
5°	589.2	587.0	586.6	583.1	582.3	577.1	568.4	564.1	558.9	553.7	548.5
7.5°	636.8	634.2	625.5	624.2	625.1	618.6	607.4	598.7	587.9	580.5	570.6
10°	676.1	671.0	663.6	664.0	661.0	652.3	641.1	632.0	616.4	606.9	592.7
12.5°	699.9	695.6	694.7	690.4	687.8	676.6	663.2	651.5	639.8	626.8	616.0
15°	728.9	723.3	719.4	713.3	711.6	699.9	685.2	671.8	658.4	646.3	623.4
17.5°	760.9	754.9	740.2	738.9	728.5	717.2	703.0	683.1	668.8	651.5	634.6
20°	797.3	788.6	769.6	764.8	756.6	738.0	718.5	696.5	673.5	655.8	635.9
22.5°	837.9	822.8	808.9	793.8	787.8	764.8	738.0	711.2	683.5	659.3	635.5
25°	890.7	870.8	851.3	836.2	825.8	796.0	760.1	724.6	692.6	661.0	629.9
27.5°	932.2	914.9	893.7	873.8	860.4	825.0	783.9	738.0	698.2	659.7	626.4
30°	935.3	930.1	917.1	906.3	891.6	853.5	808.1	756.2	706.9	660.1	619.5
32.5°	878.6	889.0	894.6	896.3	893.3	871.2	829.7	772.6	714.6	656.2	613.4
35°	756.6	784.3	818.5	831.4	844.0	855.7	834.0	784.3	717.2	655.4	603.9
37.5°	622.9	648.0	704.7	730.6	745.4	791.6	809.4	782.6	722.4	656.2	594.8
40°	502.7	542.5	583.1	618.2	641.1	693.0	748.0	754.0	715.1	648.0	583.1
42.5°	423.1	446.4	477.1	509.6	529.9	591.4	665.8	709.5	692.1	634.6	568.9
45°	360.3	377.7	406.6	417.5	443.4	502.2	581.0	644.1	652.8	613.4	552.4
47.5°	309.3	324.0	342.6	356.0	376.8	420.9	487.5	557.2	598.7	584.4	529.5
50°	272.5	284.6	300.2	308.0	321.4	361.2	411.4	480.6	536.4	541.2	499.6
52.5°	241.8	248.7	260.9	269.5	280.3	304.5	350.0	407.1	469.8	495.8	462.9
55°	215.0	220.6	231.4	237.1	242.7	263.4	298.9	350.8	409.7	443.8	425.2
57.5°	190.8	195.5	204.6	209.8	212.8	232.7	260.0	300.7	353.4	395.0	384.6
60°	170.9	175.2	180.4	184.3	187.7	204.2	223.2	256.1	303.2	343.5	340.9
62.5°	149.7	153.6	159.2	163.1	166.1	176.5	192.5	217.6	257.8	295.0	302.4
65°	131.1	134.1	138.0	139.7	143.6	151.4	164.4	186.9	219.8	253.1	258.3
67.5°	114.2	115.1	117.7	121.6	122.4	129.3	141.0	157.9	183.4	210.7	218.9
70°	96.0	97.3	99.5	102.5	104.3	108.6	118.5	129.8	151.8	175.6	181.7
72.5°	80.0	81.8	82.6	84.4	85.2	92.1	96.5	107.7	122.9	142.8	149.2
75°	64.9	66.6	67.1	67.9	68.8	71.8	77.9	84.8	97.3	110.3	119.0
77.5°	51.5	51.0	51.9	53.2	52.8	55.4	59.3	65.3	73.5	84.4	90.0
80°	36.3	36.3	37.6	38.9	38.5	41.1	42.4	46.7	53.6	60.6	62.7
82.5°	24.2	24.2	25.5	25.5	26.4	26.8	28.6	30.7	36.3	39.8	41.1
85°	13.8	13.8	14.3	14.3	14.3	15.1	16.4	17.3	19.0	21.2	22.1
87.5°	5.6	6.1	6.1	6.1	6.1	6.9	6.9	7.8	8.2	9.1	9.1
90°	24.6	24.6	24.6	23.5	22.3	21.2	20.1	19.0	17.9	15.6	14.5
92.5°	87.1	90.4	108.3	118.9	129.5	174.2	242.3	359.5	445.5	453.3	314.9
95°	289.2	322.7	402.0	448.9	495.8	633.1	802.8	968.1	989.3	807.3	499.1
97.5°	618.6	676.7	743.6	810.6	877.6	1016.1	1151.2	1209.3	1068.6	740.3	407.6
100°	930.1	1010.5	1087.6	1145.6	1203.7	1318.7	1373.4	1287.4	1008.3	643.2	361.8
102.5°	1259.5	1310.9	1394.6	1429.2	1463.9	1504.0	1448.2	1240.5	902.2	569.5	342.8
105°	1515.2	1552.1	1587.8	1593.9	1600.1	1550.9	1398.0	1130.0	809.5	527.0	340.6
107.5°	1669.3	1674.9	1664.8	1640.2	1615.7	1497.3	1295.2	1025.0	740.3	504.7	348.4
110°	1715.1	1693.9	1643.6	1596.2	1548.7	1391.3	1179.1	937.9	694.5	495.8	360.7

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1681.6	1641.4	1562.1	1504.0	1446.0	1286.3	1087.6	873.2	667.7	495.8	376.3
115°	1602.3	1548.7	1461.6	1400.8	1339.9	1186.9	1013.9	829.6	649.9	499.1	391.9
117.5°	1508.5	1452.7	1364.5	1307.0	1249.5	1115.5	962.5	800.6	639.8	504.7	409.8
120°	1413.6	1360.0	1277.4	1228.2	1179.1	1056.3	922.3	777.1	633.1	513.6	427.7
122.5°	1329.9	1281.8	1210.4	1165.2	1119.9	1013.9	892.2	757.0	627.5	521.4	447.8
125°	1262.9	1217.1	1154.6	1114.4	1074.2	977.0	863.1	739.2	623.1	530.4	465.6
127.5°	1207.0	1165.7	1108.8	1070.8	1032.8	941.3	833.0	722.4	620.8	540.4	482.4
130°	1155.7	1118.8	1063.0	1026.7	990.4	903.3	805.1	705.7	618.6	549.4	499.1
132.5°	1106.5	1069.7	1013.9	979.2	944.6	867.6	777.1	692.3	618.6	559.4	513.6
135°	1051.8	1015.0	965.9	934.0	902.2	830.7	753.7	682.2	618.6	568.3	527.0
137.5°	993.8	959.2	914.5	886.6	858.7	797.2	732.5	672.2	619.7	577.3	537.1
140°	936.8	907.8	866.5	843.0	819.6	768.2	715.7	665.5	620.8	582.9	547.1
142.5°	882.1	858.7	825.2	805.7	786.1	743.6	701.2	659.9	621.9	586.2	552.7
145°	834.1	815.1	788.3	773.2	758.2	723.6	688.9	654.3	620.8	588.4	558.3
147.5°	795.0	779.4	757.0	745.3	733.6	705.7	676.7	648.7	618.6	589.6	561.6
150°	762.6	749.2	732.5	722.4	712.4	691.2	666.6	642.0	615.2	589.6	565.0
152.5°	733.6	723.6	710.2	702.9	695.6	676.7	655.4	634.2	610.8	588.4	567.2
155°	709.0	701.2	690.1	684.0	677.8	662.1	644.3	625.3	605.2	586.2	568.3
157.5°	686.7	680.0	671.1	666.0	661.0	648.7	633.1	617.5	599.6	584.0	569.5
160°	665.5	659.9	652.1	648.2	644.3	633.1	621.9	607.4	594.0	580.6	569.5
162.5°	645.4	640.9	635.3	632.0	628.6	619.7	609.7	598.5	587.3	577.3	568.3
165°	625.3	623.1	618.6	615.8	613.0	606.3	598.5	589.6	580.6	573.9	567.2
167.5°	607.4	605.2	603.0	600.8	598.5	592.9	587.3	580.6	573.9	568.3	565.0
170°	590.7	589.6	587.3	586.2	585.1	581.7	578.4	572.8	568.3	565.0	562.8
172.5°	577.3	575.0	575.0	574.4	573.9	571.7	568.3	565.0	561.6	560.5	560.5
175°	565.0	563.9	563.9	563.9	563.9	561.6	561.6	558.3	557.2	557.2	558.3
177.5°	557.2	556.1	557.2	557.2	557.2	557.2	556.1	554.9	553.8	553.8	556.1
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	524.3	522.1	519.5	519.5	516.5	515.2	512.6	511.8	509.6	506.1	503.5
5°	542.9	537.3	533.8	530.8	524.3	519.5	514.8	509.6	504.4	498.3	491.4
7.5°	561.1	550.7	545.9	540.7	531.2	521.3	511.8	504.8	497.9	488.4	479.7
10°	580.1	567.1	558.5	551.6	536.8	524.3	510.5	500.5	489.7	477.6	466.3
12.5°	596.1	579.2	571.9	558.9	542.0	526.9	509.6	494.5	480.2	465.9	452.1
15°	609.5	593.5	575.3	570.2	546.8	525.2	505.7	486.2	468.5	454.2	438.2
17.5°	613.8	593.5	584.4	571.9	544.2	521.7	497.0	475.9	459.0	437.8	425.2
20°	615.1	595.7	583.1	571.5	546.8	516.9	492.7	466.8	446.4	425.2	405.3
22.5°	611.7	588.8	576.6	565.4	537.7	512.2	484.1	455.5	431.7	412.3	392.4
25°	605.2	578.4	566.7	554.6	528.2	500.1	469.4	442.1	420.0	396.7	377.2
27.5°	596.5	565.8	552.4	539.9	513.9	487.5	458.5	430.4	405.8	381.1	362.9
30°	585.7	550.3	538.1	521.7	496.6	471.5	445.1	417.0	389.3	366.0	346.1
32.5°	571.9	534.7	518.7	503.1	475.9	452.9	427.8	401.4	374.6	351.7	330.9
35°	559.3	516.9	499.2	483.6	453.4	429.1	408.4	383.7	359.9	336.1	317.5
37.5°	542.5	499.2	478.0	462.0	431.3	406.6	387.2	368.1	343.0	320.1	302.8
40°	524.7	477.1	457.3	441.2	409.2	382.4	363.8	346.9	326.6	305.4	287.2
42.5°	508.7	456.0	434.8	415.3	382.8	359.1	340.0	327.0	308.4	289.4	273.0
45°	488.4	433.5	410.5	390.2	359.1	333.1	314.9	304.5	290.7	272.1	257.8
47.5°	467.6	409.2	385.4	365.5	331.8	308.9	291.1	281.2	271.7	257.0	242.7
50°	440.4	383.7	362.1	339.2	305.8	282.5	267.8	257.8	250.5	240.1	228.0
52.5°	410.5	357.3	334.0	314.1	281.2	260.0	243.1	237.5	230.1	222.4	212.0
55°	379.0	328.8	306.3	286.8	256.5	234.9	221.1	215.0	209.4	203.3	196.4
57.5°	347.4	298.9	277.7	260.4	232.3	211.5	200.3	192.1	188.2	184.7	179.1
60°	308.0	266.9	250.5	234.9	207.2	188.2	177.4	171.3	167.8	166.1	163.5
62.5°	273.4	239.7	221.5	206.3	184.3	167.4	157.0	152.3	149.2	148.4	145.4
65°	236.6	207.6	193.4	180.4	161.4	146.2	137.6	131.9	129.8	129.3	129.3
67.5°	202.0	178.7	164.4	155.3	138.9	125.5	117.2	115.1	113.8	112.0	111.6
70°	169.6	151.0	138.4	130.6	115.9	106.0	99.5	96.0	96.0	94.7	93.9
72.5°	141.0	122.4	114.2	107.7	95.6	87.0	82.2	81.3	78.3	77.9	77.9
75°	110.3	96.5	90.8	85.2	76.1	70.1	66.2	64.0	62.3	62.3	62.7
77.5°	83.1	73.5	68.3	64.0	57.5	53.6	50.6	49.7	48.0	48.0	48.0
80°	58.8	53.6	49.7	46.3	41.5	38.1	36.3	34.6	34.6	34.2	34.6
82.5°	38.1	33.7	31.6	31.1	26.8	25.5	23.4	23.8	22.5	22.1	22.9
85°	22.1	19.9	17.3	16.4	14.7	13.0	12.1	12.5	12.1	11.7	12.1
87.5°	8.7	7.4	6.9	6.9	5.6	5.2	4.8	5.2	4.3	4.3	4.8
90°	12.3	11.2	10.0	8.9	6.7	4.5	2.2	1.1	2.2	4.5	6.7
92.5°	187.6	111.7	91.6	71.5	48.0	31.3	20.1	16.7	20.1	31.3	48.0
95°	253.5	134.0	108.8	83.7	59.2	46.9	38.0	36.8	38.0	46.9	59.2
97.5°	218.9	136.2	117.8	99.4	77.0	64.8	58.1	56.9	58.1	64.8	77.0
100°	216.6	151.9	135.2	118.4	97.1	84.9	80.4	78.2	80.4	84.9	97.1
102.5°	226.7	170.8	154.6	138.5	119.5	106.1	102.7	101.6	102.7	106.1	119.5
105°	241.2	192.1	176.4	160.8	142.9	131.8	126.2	126.2	126.2	131.8	142.9
107.5°	261.3	213.3	199.4	185.4	166.4	157.4	151.9	149.6	151.9	157.4	166.4
110°	283.6	237.8	223.3	208.8	192.1	182.0	177.5	175.3	177.5	182.0	192.1

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	304.8	261.3	247.4	233.4	216.6	206.6	203.2	201.0	203.2	206.6	216.6
115°	327.2	285.8	271.8	257.9	241.2	231.1	227.8	225.6	227.8	231.1	241.2
117.5°	349.5	310.4	297.0	283.6	264.6	254.6	251.2	247.9	251.2	254.6	264.6
120°	374.1	335.0	321.0	307.1	288.1	278.0	273.6	270.2	273.6	278.0	288.1
122.5°	397.5	358.4	344.4	330.5	309.3	299.2	295.9	293.7	295.9	299.2	309.3
125°	417.6	380.8	366.2	351.7	330.5	320.5	314.9	312.6	314.9	320.5	330.5
127.5°	437.7	402.0	387.4	372.9	350.6	338.3	331.6	328.3	331.6	338.3	350.6
130°	456.7	422.1	407.6	393.0	369.6	355.1	346.1	342.8	346.1	355.1	369.6
132.5°	474.6	439.9	425.4	410.9	386.3	369.6	358.4	354.0	358.4	369.6	386.3
135°	490.2	455.6	440.5	425.4	402.0	384.1	370.7	366.2	370.7	384.1	402.0
137.5°	501.3	470.1	454.4	438.8	415.4	397.5	385.2	381.9	385.2	397.5	415.4
140°	513.6	481.3	466.2	451.1	429.9	412.0	398.6	395.3	398.6	412.0	429.9
142.5°	521.4	491.3	477.4	463.4	443.3	425.4	413.1	410.9	413.1	425.4	443.3
145°	530.4	501.3	488.5	475.7	455.6	439.9	428.8	426.5	428.8	439.9	455.6
147.5°	536.0	510.3	498.6	486.8	469.0	454.5	444.4	443.3	444.4	454.5	469.0
150°	541.5	517.0	507.5	498.0	482.4	467.9	460.0	457.8	460.0	467.9	482.4
152.5°	547.1	524.8	516.4	508.0	493.5	481.3	474.6	473.4	474.6	481.3	493.5
155°	550.5	531.5	523.7	515.9	504.7	493.5	486.8	486.8	486.8	493.5	504.7
157.5°	553.8	537.1	531.0	524.8	514.7	504.7	499.1	499.1	499.1	504.7	514.7
160°	556.1	541.5	536.5	531.5	522.6	514.7	510.3	511.4	510.3	514.7	522.6
162.5°	558.3	546.0	542.1	538.2	531.5	524.8	520.3	521.4	520.3	524.8	531.5
165°	558.3	549.4	546.0	542.7	538.2	532.6	529.3	531.5	529.3	532.6	538.2
167.5°	558.3	550.5	548.2	546.0	542.7	539.3	537.1	538.2	537.1	539.3	542.7
170°	558.3	552.7	551.0	549.4	547.1	544.9	543.8	544.9	543.8	544.9	547.1
172.5°	557.2	552.7	552.2	551.6	550.5	548.2	547.1	549.4	547.1	548.2	550.5
175°	556.1	552.7	552.7	552.7	552.7	551.6	550.5	552.7	550.5	551.6	552.7
177.5°	554.9	552.7	552.7	552.7	553.8	552.7	552.7	554.9	552.7	552.7	553.8
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	502.7	501.8	499.6	498.3	494.0	488.8	487.1	482.8	484.5	481.5	481.5
5°	489.3	485.4	482.8	478.9	470.7	465.0	459.0	456.0	454.2	452.1	450.3
7.5°	472.0	468.9	466.3	459.0	449.9	442.1	434.8	431.7	426.1	422.2	420.5
10°	456.8	452.5	446.4	437.8	428.3	418.3	411.8	405.3	401.0	398.9	394.1
12.5°	441.2	436.1	429.6	417.0	406.6	400.6	388.9	382.8	380.7	379.0	373.3
15°	425.2	419.6	411.8	400.1	391.1	376.8	369.9	365.1	359.9	359.5	355.2
17.5°	411.0	404.0	397.6	383.3	372.0	359.5	355.6	350.4	345.6	340.5	338.3
20°	392.8	386.3	381.5	366.0	353.4	345.6	339.2	334.8	331.8	326.6	325.7
22.5°	376.4	369.4	362.9	351.3	340.5	330.5	322.7	318.0	316.7	314.5	310.6
25°	360.3	353.4	345.6	334.8	323.6	316.7	309.7	306.7	304.1	300.7	297.6
27.5°	346.9	340.5	333.1	319.7	310.2	305.0	297.6	294.2	290.7	289.0	287.7
30°	330.9	323.6	318.0	307.6	297.2	290.3	285.1	282.1	279.0	277.3	276.4
32.5°	315.4	308.4	304.5	293.3	285.1	276.9	273.0	270.8	269.1	267.3	265.6
35°	302.8	295.9	289.8	279.5	271.2	265.6	262.6	259.1	257.8	256.1	256.1
37.5°	287.2	282.1	276.0	266.0	258.7	254.4	251.8	247.4	247.0	246.1	244.8
40°	273.8	268.6	263.0	254.4	247.9	242.7	239.2	237.1	235.8	234.9	234.0
42.5°	259.6	253.9	251.3	241.4	235.8	230.6	228.8	226.7	226.2	224.5	222.4
45°	245.7	241.0	235.8	228.4	223.7	219.3	216.7	215.0	212.8	212.4	211.1
47.5°	233.6	228.0	223.2	216.3	211.1	207.6	205.5	203.3	201.6	200.3	199.0
50°	218.0	213.7	209.8	202.5	198.1	194.7	191.6	189.9	188.2	188.2	188.2
52.5°	202.9	199.0	195.5	190.3	185.1	182.1	178.7	177.4	176.5	175.2	176.5
55°	188.2	184.3	180.8	176.9	170.9	168.3	164.8	163.5	164.0	164.0	165.3
57.5°	172.6	169.6	167.4	162.7	157.0	154.4	152.3	151.0	151.0	152.7	153.1
60°	157.5	154.4	150.5	146.2	142.8	139.7	138.4	138.9	138.9	139.7	141.9
62.5°	140.6	138.9	136.7	130.6	128.5	126.3	124.6	125.9	125.5	127.6	130.6
65°	125.0	123.3	120.3	117.2	114.6	112.5	112.0	112.5	113.3	115.5	119.0
67.5°	107.7	107.7	105.1	102.5	100.4	98.2	98.6	99.1	99.9	102.5	107.7
70°	93.4	91.7	89.1	87.4	85.7	84.8	83.9	85.7	88.2	90.0	93.9
72.5°	77.9	76.6	74.4	72.7	72.2	71.4	70.9	71.8	74.4	77.4	81.8
75°	61.4	61.9	60.6	59.3	59.3	58.0	58.8	58.8	61.4	64.5	67.9
77.5°	47.6	47.2	46.7	45.9	45.4	45.4	45.4	46.3	48.9	50.6	54.1
80°	33.7	34.2	32.9	33.3	32.9	33.3	33.3	35.0	36.3	38.5	41.1
82.5°	22.5	22.5	21.6	22.1	22.1	22.1	22.5	23.4	25.1	26.8	28.6
85°	12.5	13.0	12.1	13.0	13.0	13.0	13.4	13.8	15.1	15.6	17.3
87.5°	4.8	5.6	5.6	4.8	5.2	5.6	6.1	5.6	6.5	7.4	7.8
90°	8.9	10.0	11.2	12.3	14.5	15.6	17.9	19.0	20.1	21.2	22.3
92.5°	71.5	91.6	111.7	187.6	314.9	453.3	445.5	359.5	242.3	174.2	129.5
95°	83.7	108.8	134.0	253.5	499.1	807.3	989.3	968.1	802.8	633.1	495.8
97.5°	99.4	117.8	136.2	218.9	407.6	740.3	1068.6	1209.3	1151.2	1016.1	877.6
100°	118.4	135.2	151.9	216.6	361.8	643.2	1008.3	1287.4	1373.4	1318.7	1203.7
102.5°	138.5	154.6	170.8	226.7	342.8	569.5	902.2	1240.5	1448.2	1504.0	1463.9
105°	160.8	176.4	192.1	241.2	340.6	527.0	809.5	1130.0	1398.0	1550.9	1600.1
107.5°	185.4	199.4	213.3	261.3	348.4	504.7	740.3	1025.0	1295.2	1497.3	1615.7
110°	208.8	223.3	237.8	283.6	360.7	495.8	694.5	937.9	1179.1	1391.3	1548.7

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	233.4	247.4	261.3	304.8	376.3	495.8	667.7	873.2	1087.6	1286.3	1446.0
115°	257.9	271.8	285.8	327.2	391.9	499.1	649.9	829.6	1013.9	1186.9	1339.9
117.5°	283.6	297.0	310.4	349.5	409.8	504.7	639.8	800.6	962.5	1115.5	1249.5
120°	307.1	321.0	335.0	374.1	427.7	513.6	633.1	777.1	922.3	1056.3	1179.1
122.5°	330.5	344.4	358.4	397.5	447.8	521.4	627.5	757.0	892.2	1013.9	1119.9
125°	351.7	366.2	380.8	417.6	465.6	530.4	623.1	739.2	863.1	977.0	1074.2
127.5°	372.9	387.4	402.0	437.7	482.4	540.4	620.8	722.4	833.0	941.3	1032.8
130°	393.0	407.6	422.1	456.7	499.1	549.4	618.6	705.7	805.1	903.3	990.4
132.5°	410.9	425.4	439.9	474.6	513.6	559.4	618.6	692.3	777.1	867.6	944.6
135°	425.4	440.5	455.6	490.2	527.0	568.3	618.6	682.2	753.7	830.7	902.2
137.5°	438.8	454.4	470.1	501.3	537.1	577.3	619.7	672.2	732.5	797.2	858.7
140°	451.1	466.2	481.3	513.6	547.1	582.9	620.8	665.5	715.7	768.2	819.6
142.5°	463.4	477.4	491.3	521.4	552.7	586.2	621.9	659.9	701.2	743.6	786.1
145°	475.7	488.5	501.3	530.4	558.3	588.4	620.8	654.3	688.9	723.6	758.2
147.5°	486.8	498.6	510.3	536.0	561.6	589.6	618.6	648.7	676.7	705.7	733.6
150°	498.0	507.5	517.0	541.5	565.0	589.6	615.2	642.0	666.6	691.2	712.4
152.5°	508.0	516.4	524.8	547.1	567.2	588.4	610.8	634.2	655.4	676.7	695.6
155°	515.9	523.7	531.5	550.5	568.3	586.2	605.2	625.3	644.3	662.1	677.8
157.5°	524.8	531.0	537.1	553.8	569.5	584.0	599.6	617.5	633.1	648.7	661.0
160°	531.5	536.5	541.5	556.1	569.5	580.6	594.0	607.4	621.9	633.1	644.3
162.5°	538.2	542.1	546.0	558.3	568.3	577.3	587.3	598.5	609.7	619.7	628.6
165°	542.7	546.0	549.4	558.3	567.2	573.9	580.6	589.6	598.5	606.3	613.0
167.5°	546.0	548.2	550.5	558.3	565.0	568.3	573.9	580.6	587.3	592.9	598.5
170°	549.4	551.0	552.7	558.3	562.8	565.0	568.3	572.8	578.4	581.7	585.1
172.5°	551.6	552.2	552.7	557.2	560.5	560.5	561.6	565.0	568.3	571.7	573.9
175°	552.7	552.7	552.7	556.1	558.3	557.2	557.2	558.3	561.6	561.6	563.9
177.5°	552.7	552.7	552.7	554.9	556.1	553.8	553.8	554.9	556.1	557.2	557.2
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	483.2	480.2	479.7	480.6	478.9	481.5	480.6	481.5	479.3	481.5	480.2
5°	449.9	449.0	447.3	445.1	445.6	446.0	448.2	446.0	447.7	448.2	450.3
7.5°	418.7	417.0	418.3	417.5	413.6	412.7	413.6	414.9	417.5	419.2	420.5
10°	393.7	392.8	391.1	389.8	387.6	386.3	388.0	386.3	389.8	392.8	392.8
12.5°	374.6	371.2	369.0	368.6	363.8	364.7	366.4	367.7	371.6	373.3	373.3
15°	354.7	352.1	351.3	349.5	347.8	349.5	348.7	350.0	351.7	353.4	354.3
17.5°	337.4	337.0	337.4	333.1	334.4	332.2	332.7	334.8	333.5	334.8	337.4
20°	321.8	322.7	321.4	319.7	319.7	317.1	320.1	319.3	319.7	322.3	326.2
22.5°	310.2	309.7	308.4	307.1	305.4	305.8	306.3	305.4	308.9	311.0	311.5
25°	297.6	296.8	296.3	295.0	293.3	295.0	294.6	295.0	295.9	299.4	296.8
27.5°	285.9	284.2	285.1	283.8	283.3	283.8	283.8	284.2	285.1	285.5	285.9
30°	276.0	274.3	273.8	273.0	272.5	273.0	273.8	273.0	276.4	276.0	276.0
32.5°	265.2	263.9	263.0	263.0	262.6	262.2	262.6	263.0	265.6	263.9	265.6
35°	254.8	253.9	253.9	253.1	252.6	252.6	252.6	254.4	253.5	254.8	254.8
37.5°	244.8	244.8	244.4	243.5	243.1	243.5	243.1	244.0	243.5	244.0	244.4
40°	234.5	233.6	233.2	233.2	231.9	230.6	231.9	231.9	232.3	233.6	234.0
42.5°	221.9	222.4	222.4	220.6	220.6	220.6	221.1	221.5	221.5	222.4	222.4
45°	211.1	210.2	210.2	210.2	209.4	209.8	210.7	210.7	210.7	210.7	209.8
47.5°	199.0	199.0	199.4	199.4	200.7	200.3	200.3	199.9	199.0	199.0	199.4
50°	187.7	189.0	189.5	189.5	189.9	190.3	190.3	189.5	189.0	187.7	187.7
52.5°	176.9	177.8	178.7	180.0	180.8	180.4	180.4	179.5	177.8	177.4	176.9
55°	165.3	166.5	168.3	169.6	170.9	171.3	171.3	169.6	167.8	165.7	165.7
57.5°	154.4	155.7	158.8	160.1	161.8	161.8	160.9	159.6	157.0	155.3	154.0
60°	143.6	145.8	147.9	150.5	152.7	153.1	151.8	150.1	147.1	144.9	143.2
62.5°	131.9	134.1	138.4	141.0	142.8	142.8	142.8	140.6	136.7	133.7	131.1
65°	120.7	122.9	126.7	130.2	131.5	132.8	131.5	129.3	126.3	122.9	120.3
67.5°	109.0	111.6	115.5	118.1	119.8	121.1	120.3	118.5	114.6	109.9	108.1
70°	96.0	97.3	103.0	105.6	108.1	109.0	108.1	105.6	101.7	96.5	94.7
72.5°	83.9	85.2	90.4	92.6	94.7	95.6	94.3	92.6	89.1	84.4	82.2
75°	70.1	72.2	74.8	78.3	80.9	81.8	80.5	79.2	74.8	71.8	70.1
77.5°	55.4	57.5	61.0	64.0	66.6	66.2	64.5	64.9	60.1	56.7	55.4
80°	42.0	43.7	46.3	48.9	50.2	50.2	49.7	48.0	46.3	43.7	41.5
82.5°	29.0	31.1	33.3	35.0	35.0	35.5	34.6	34.2	32.4	30.3	29.8
85°	17.3	17.7	19.5	19.5	21.2	20.3	19.9	21.2	19.5	18.2	17.7
87.5°	7.8	7.4	7.8	7.8	7.4	8.2	8.2	7.8	8.2	7.8	7.8
90°	23.5	24.6	24.6	24.6	25.7	25.7	25.7	24.6	24.6	24.6	23.5
92.5°	118.9	108.3	90.4	87.1	84.9	82.6	84.9	87.1	90.4	108.3	118.9
95°	448.9	402.0	322.7	289.2	280.3	262.4	280.3	289.2	322.7	402.0	448.9
97.5°	810.6	743.6	676.7	618.6	588.4	575.0	588.4	618.6	676.7	743.6	810.6
100°	1145.6	1087.6	1010.5	930.1	888.8	870.9	888.8	930.1	1010.5	1087.6	1145.6
102.5°	1429.2	1394.6	1310.9	1259.5	1213.7	1201.5	1213.7	1259.5	1310.9	1394.6	1429.2
105°	1593.9	1587.8	1552.1	1515.2	1492.9	1479.5	1492.9	1515.2	1552.1	1587.8	1593.9
107.5°	1640.2	1664.8	1674.9	1669.3	1658.1	1647.0	1658.1	1669.3	1674.9	1664.8	1640.2
110°	1596.2	1643.6	1693.9	1715.1	1722.9	1722.9	1722.9	1715.1	1693.9	1643.6	1596.2

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1504.0	1562.1	1641.4	1681.6	1703.9	1714.0	1703.9	1681.6	1641.4	1562.1	1504.0
115°	1400.8	1461.6	1548.7	1602.3	1633.6	1648.1	1633.6	1602.3	1548.7	1461.6	1400.8
117.5°	1307.0	1364.5	1452.7	1508.5	1539.8	1548.7	1539.8	1508.5	1452.7	1364.5	1307.0
120°	1228.2	1277.4	1360.0	1413.6	1443.8	1452.7	1443.8	1413.6	1360.0	1277.4	1228.2
122.5°	1165.2	1210.4	1281.8	1329.9	1360.0	1367.8	1360.0	1329.9	1281.8	1210.4	1165.2
125°	1114.4	1154.6	1217.1	1262.9	1287.4	1298.6	1287.4	1262.9	1217.1	1154.6	1114.4
127.5°	1070.8	1108.8	1165.7	1207.0	1230.5	1234.9	1230.5	1207.0	1165.7	1108.8	1070.8
130°	1026.7	1063.0	1118.8	1155.7	1178.0	1184.7	1178.0	1155.7	1118.8	1063.0	1026.7
132.5°	979.2	1013.9	1069.7	1106.5	1126.6	1134.5	1126.6	1106.5	1069.7	1013.9	979.2
135°	934.0	965.9	1015.0	1051.8	1071.9	1078.6	1071.9	1051.8	1015.0	965.9	934.0
137.5°	886.6	914.5	959.2	993.8	1012.7	1020.6	1012.7	993.8	959.2	914.5	886.6
140°	843.0	866.5	907.8	936.8	953.6	959.2	953.6	936.8	907.8	866.5	843.0
142.5°	805.7	825.2	858.7	882.1	897.7	902.2	897.7	882.1	858.7	825.2	805.7
145°	773.2	788.3	815.1	834.1	846.4	850.8	846.4	834.1	815.1	788.3	773.2
147.5°	745.3	757.0	779.4	795.0	802.8	805.1	802.8	795.0	779.4	757.0	745.3
150°	722.4	732.5	749.2	762.6	767.1	768.2	767.1	762.6	749.2	732.5	722.4
152.5°	702.9	710.2	723.6	733.6	738.1	739.2	738.1	733.6	723.6	710.2	702.9
155°	684.0	690.1	701.2	709.0	712.4	713.5	712.4	709.0	701.2	690.1	684.0
157.5°	666.0	671.1	680.0	686.7	690.1	690.1	690.1	686.7	680.0	671.1	666.0
160°	648.2	652.1	659.9	665.5	667.7	666.6	667.7	665.5	659.9	652.1	648.2
162.5°	632.0	635.3	640.9	645.4	645.4	645.4	645.4	645.4	640.9	635.3	632.0
165°	615.8	618.6	623.1	625.3	625.3	625.3	625.3	625.3	623.1	618.6	615.8
167.5°	600.8	603.0	605.2	607.4	606.3	606.3	606.3	607.4	605.2	603.0	600.8
170°	586.2	587.3	589.6	590.7	590.7	589.6	590.7	590.7	589.6	587.3	586.2
172.5°	574.4	575.0	575.0	577.3	575.0	573.9	575.0	577.3	575.0	575.0	574.4
175°	563.9	563.9	563.9	565.0	562.8	561.6	562.8	565.0	563.9	563.9	563.9
177.5°	557.2	557.2	556.1	557.2	553.8	553.8	553.8	557.2	556.1	557.2	557.2
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	484.1	481.5	484.5	480.6	481.5	486.2	485.8	490.1	492.7	492.3	494.5
5°	452.1	452.1	453.4	452.9	457.3	461.1	466.3	470.7	475.4	478.0	481.0
7.5°	420.5	424.8	425.7	427.8	433.0	439.5	444.7	451.2	458.1	462.9	466.3
10°	394.5	398.0	401.4	403.2	408.8	417.5	424.8	435.2	443.8	449.0	453.8
12.5°	371.6	375.5	377.2	385.0	388.9	394.5	404.9	416.2	425.7	431.3	435.2
15°	355.2	357.3	361.2	366.0	369.9	376.8	385.4	398.0	407.1	411.8	425.2
17.5°	341.3	343.9	346.1	348.2	354.3	361.6	369.9	380.7	392.4	400.6	407.5
20°	327.0	328.3	330.9	334.4	338.7	345.6	353.0	364.2	374.6	381.1	390.2
22.5°	310.2	314.1	316.7	319.3	324.0	331.8	338.7	346.9	359.9	367.3	376.8
25°	300.2	301.9	303.7	306.7	310.2	317.1	324.9	333.5	343.9	351.7	359.9
27.5°	287.2	289.8	292.0	295.9	298.1	303.7	311.0	319.7	332.2	338.7	345.6
30°	276.4	279.0	280.8	282.5	285.5	291.6	298.5	305.4	317.1	325.3	332.2
32.5°	265.6	268.2	270.4	271.7	274.7	278.6	284.2	292.9	302.8	308.4	317.5
35°	256.1	256.1	258.7	260.4	263.0	266.5	271.7	278.2	288.5	295.9	304.1
37.5°	245.3	245.7	247.9	249.2	251.8	255.2	260.4	266.5	275.1	280.8	289.0
40°	234.0	235.3	236.2	238.4	241.4	242.7	247.9	254.8	263.4	268.6	275.6
42.5°	222.8	223.7	225.8	227.5	230.1	232.3	235.8	242.3	248.7	256.5	262.2
45°	210.2	212.4	213.7	216.7	218.0	220.2	223.7	228.8	236.6	241.4	247.9
47.5°	199.4	200.3	201.2	205.0	207.6	208.9	212.4	215.4	223.7	228.0	234.0
50°	187.7	187.7	189.0	190.8	193.8	196.4	199.4	202.9	209.4	213.7	219.8
52.5°	176.9	175.6	176.5	177.4	180.4	183.0	186.0	190.8	196.8	199.4	204.6
55°	165.3	163.1	164.4	165.7	166.5	170.0	173.5	176.5	181.3	185.1	189.9
57.5°	152.7	152.3	151.4	151.8	154.0	156.2	158.8	162.7	168.3	171.3	173.9
60°	141.5	138.9	138.0	138.9	140.2	141.5	144.9	148.4	153.1	156.2	159.2
62.5°	129.8	127.2	125.5	124.2	125.5	128.5	130.6	133.2	137.1	140.6	143.2
65°	118.5	114.6	112.9	112.0	111.6	113.8	115.5	119.0	122.4	123.7	126.7
67.5°	106.0	102.5	100.4	99.1	99.1	99.1	100.8	104.3	107.7	108.1	111.2
70°	93.4	89.5	87.4	85.7	84.8	85.7	87.8	88.2	91.3	92.1	93.9
72.5°	80.0	76.6	74.0	71.8	72.2	73.1	73.1	74.0	75.7	77.9	77.9
75°	67.5	62.7	61.4	59.7	58.8	58.8	58.8	60.6	61.9	63.6	63.2
77.5°	53.2	50.6	48.0	47.2	45.9	45.4	46.3	46.3	47.2	48.5	48.9
80°	41.1	38.1	36.3	35.5	33.7	33.3	33.7	33.7	35.0	34.6	35.0
82.5°	28.6	26.4	25.1	23.8	22.9	23.4	22.9	22.9	23.4	22.9	22.9
85°	16.4	16.0	15.1	14.7	14.3	13.4	14.3	13.8	13.4	13.0	13.8
87.5°	7.8	7.4	7.4	6.5	6.5	6.1	6.5	6.5	6.1	6.1	6.1
90°	22.3	21.2	20.1	19.0	17.9	15.6	14.5	12.3	11.2	10.0	8.9
92.5°	129.5	174.2	242.3	359.5	445.5	453.3	314.9	187.6	111.7	91.6	71.5
95°	495.8	633.1	802.8	968.1	989.3	807.3	499.1	253.5	134.0	108.8	83.7
97.5°	877.6	1016.1	1151.2	1209.3	1068.6	740.3	407.6	218.9	136.2	117.8	99.4
100°	1203.7	1318.7	1373.4	1287.4	1008.3	643.2	361.8	216.6	151.9	135.2	118.4
102.5°	1463.9	1504.0	1448.2	1240.5	902.2	569.5	342.8	226.7	170.8	154.6	138.5
105°	1600.1	1550.9	1398.0	1130.0	809.5	527.0	340.6	241.2	192.1	176.4	160.8
107.5°	1615.7	1497.3	1295.2	1025.0	740.3	504.7	348.4	261.3	213.3	199.4	185.4
110°	1548.7	1391.3	1179.1	937.9	694.5	495.8	360.7	283.6	237.8	223.3	208.8

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CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1446.0	1286.3	1087.6	873.2	667.7	495.8	376.3	304.8	261.3	247.4	233.4
115°	1339.9	1186.9	1013.9	829.6	649.9	499.1	391.9	327.2	285.8	271.8	257.9
117.5°	1249.5	1115.5	962.5	800.6	639.8	504.7	409.8	349.5	310.4	297.0	283.6
120°	1179.1	1056.3	922.3	777.1	633.1	513.6	427.7	374.1	335.0	321.0	307.1
122.5°	1119.9	1013.9	892.2	757.0	627.5	521.4	447.8	397.5	358.4	344.4	330.5
125°	1074.2	977.0	863.1	739.2	623.1	530.4	465.6	417.6	380.8	366.2	351.7
127.5°	1032.8	941.3	833.0	722.4	620.8	540.4	482.4	437.7	402.0	387.4	372.9
130°	990.4	903.3	805.1	705.7	618.6	549.4	499.1	456.7	422.1	407.6	393.0
132.5°	944.6	867.6	777.1	692.3	618.6	559.4	513.6	474.6	439.9	425.4	410.9
135°	902.2	830.7	753.7	682.2	618.6	568.3	527.0	490.2	455.6	440.5	425.4
137.5°	858.7	797.2	732.5	672.2	619.7	577.3	537.1	501.3	470.1	454.4	438.8
140°	819.6	768.2	715.7	665.5	620.8	582.9	547.1	513.6	481.3	466.2	451.1
142.5°	786.1	743.6	701.2	659.9	621.9	586.2	552.7	521.4	491.3	477.4	463.4
145°	758.2	723.6	688.9	654.3	620.8	588.4	558.3	530.4	501.3	488.5	475.7
147.5°	733.6	705.7	676.7	648.7	618.6	589.6	561.6	536.0	510.3	498.6	486.8
150°	712.4	691.2	666.6	642.0	615.2	589.6	565.0	541.5	517.0	507.5	498.0
152.5°	695.6	676.7	655.4	634.2	610.8	588.4	567.2	547.1	524.8	516.4	508.0
155°	677.8	662.1	644.3	625.3	605.2	586.2	568.3	550.5	531.5	523.7	515.9
157.5°	661.0	648.7	633.1	617.5	599.6	584.0	569.5	553.8	537.1	531.0	524.8
160°	644.3	633.1	621.9	607.4	594.0	580.6	569.5	556.1	541.5	536.5	531.5
162.5°	628.6	619.7	609.7	598.5	587.3	577.3	568.3	558.3	546.0	542.1	538.2
165°	613.0	606.3	598.5	589.6	580.6	573.9	567.2	558.3	549.4	546.0	542.7
167.5°	598.5	592.9	587.3	580.6	573.9	568.3	565.0	558.3	550.5	548.2	546.0
170°	585.1	581.7	578.4	572.8	568.3	565.0	562.8	558.3	552.7	551.0	549.4
172.5°	573.9	571.7	568.3	565.0	561.6	560.5	560.5	557.2	552.7	552.2	551.6
175°	563.9	561.6	561.6	558.3	557.2	557.2	558.3	556.1	552.7	552.7	552.7
177.5°	557.2	557.2	556.1	554.9	553.8	553.8	556.1	554.9	552.7	552.7	552.7
180°	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8	553.8

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	509.6	509.6	509.6	509.6
2.5°	497.5	501.8	504.8	510.5
5°	486.2	494.0	501.4	509.2
7.5°	475.0	484.1	495.8	505.7
10°	462.4	474.1	488.0	501.4
12.5°	449.9	463.7	478.9	496.6
15°	434.8	452.5	470.2	489.3
17.5°	421.3	439.5	458.5	482.3
20°	406.2	426.1	446.9	471.1
22.5°	392.8	414.9	436.5	462.0
25°	377.7	399.3	423.1	450.3
27.5°	365.1	385.0	408.4	437.8
30°	350.0	371.6	395.0	424.4
32.5°	335.7	356.5	381.1	410.1
35°	321.0	342.2	364.2	391.9
37.5°	307.1	325.3	347.4	373.8
40°	291.6	311.5	331.4	352.1
42.5°	277.3	295.5	314.1	330.5
45°	261.3	276.9	294.6	308.0
47.5°	246.6	260.4	274.3	284.6
50°	231.9	242.7	253.1	262.2
52.5°	214.6	226.7	232.3	237.9
55°	199.0	205.9	211.1	216.7
57.5°	183.9	186.9	189.5	194.7
60°	164.0	167.4	170.4	174.3
62.5°	146.6	148.4	149.2	153.1
65°	130.2	129.8	131.9	134.1
67.5°	112.5	112.0	114.2	115.1
70°	95.2	94.7	95.2	97.3
72.5°	78.7	78.7	79.2	80.0
75°	63.6	63.6	64.0	64.9
77.5°	48.0	48.9	48.5	50.2
80°	35.0	34.2	35.0	35.9
82.5°	22.9	23.8	23.8	22.9
85°	13.0	13.0	13.0	13.0
87.5°	5.6	5.6	6.1	6.5
90°	6.7	4.5	2.2	1.1
92.5°	48.0	31.3	20.1	16.7
95°	59.2	46.9	38.0	36.8
97.5°	77.0	64.8	58.1	56.9
100°	97.1	84.9	80.4	78.2
102.5°	119.5	106.1	102.7	101.6
105°	142.9	131.8	126.2	126.2
107.5°	166.4	157.4	151.9	149.6
110°	192.1	182.0	177.5	175.3

TEST NUMBER: P1027831

CATALOG NUMBER: S125DIP-B375D1270UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	216.6	206.6	203.2	201.0
115°	241.2	231.1	227.8	225.6
117.5°	264.6	254.6	251.2	247.9
120°	288.1	278.0	273.6	270.2
122.5°	309.3	299.2	295.9	293.7
125°	330.5	320.5	314.9	312.6
127.5°	350.6	338.3	331.6	328.3
130°	369.6	355.1	346.1	342.8
132.5°	386.3	369.6	358.4	354.0
135°	402.0	384.1	370.7	366.2
137.5°	415.4	397.5	385.2	381.9
140°	429.9	412.0	398.6	395.3
142.5°	443.3	425.4	413.1	410.9
145°	455.6	439.9	428.8	426.5
147.5°	469.0	454.5	444.4	443.3
150°	482.4	467.9	460.0	457.8
152.5°	493.5	481.3	474.6	473.4
155°	504.7	493.5	486.8	486.8
157.5°	514.7	504.7	499.1	499.1
160°	522.6	514.7	510.3	511.4
162.5°	531.5	524.8	520.3	521.4
165°	538.2	532.6	529.3	531.5
167.5°	542.7	539.3	537.1	538.2
170°	547.1	544.9	543.8	544.9
172.5°	550.5	548.2	547.1	549.4
175°	552.7	551.6	550.5	552.7
177.5°	553.8	552.7	552.7	554.9
180°	553.8	553.8	553.8	553.8

(END OF REPORT)