

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: P1027750

Luminaire Tested: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027750
REPORT IS A COMBINATION OF REPORTS P1001821 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D1090UB27-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

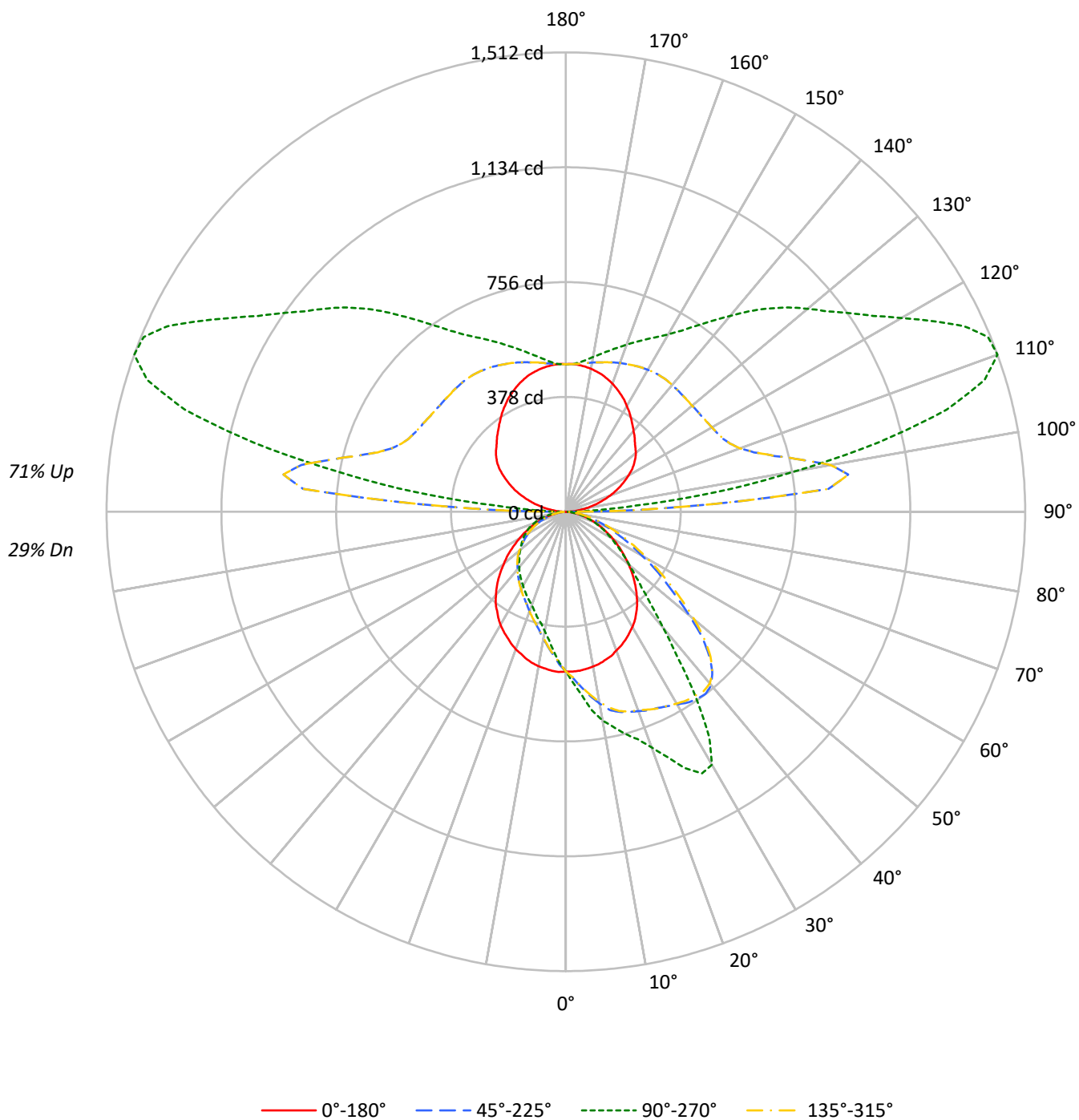
Lumens per Lamp: N/A
Luminaire Lumens: 5135.0 lumens
Efficiency: N/A
Efficacy: 123.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 41.5
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	102	102	102	102	91	91	91	91	72	72	72	53	53	53	37	37	37	29			
1	93	89	85	82	83	80	77	74	63	61	59	47	46	45	33	32	31	25			
2	85	78	72	67	76	70	65	61	55	52	49	41	39	37	29	28	26	21			
3	77	68	61	56	69	62	56	51	49	45	41	37	34	32	26	24	23	18			
4	71	61	53	47	63	55	48	43	43	39	35	33	30	27	23	21	20	15			
5	65	54	46	40	58	49	42	37	39	34	30	29	26	23	21	19	17	13			
6	60	48	40	35	53	43	37	32	35	30	26	26	23	21	19	17	15	12			
7	55	43	36	30	49	39	33	28	31	26	23	24	21	18	17	15	13	10			
8	51	39	32	27	46	35	29	24	28	24	20	22	18	16	16	13	12	9			
9	47	36	28	24	42	32	26	22	26	21	18	20	17	14	14	12	11	8			
10	44	33	26	21	40	30	23	19	24	19	16	18	15	13	13	11	10	8			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3367	3367	3367	3367
5°	3370	3820	3372	2898
10°	3349	4354	3344	2488
15°	3325	4721	3304	2248
20°	3282	5173	3253	2052
25°	3245	5927	3186	1936
30°	3192	6253	3137	1831
35°	3107	5013	3042	1746
40°	2975	3465	2931	1658
45°	2808	2579	2777	1584
50°	2617	2124	2574	1524
55°	2411	1811	2391	1473
60°	2208	1551	2170	1433
65°	1990	1339	1958	1375
70°	1760	1111	1735	1273
75°	1515	860	1494	1105
80°	1196	581	1154	813
85°	766	290	738	415

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5143 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.6	1.0
10°-20°	150.7	2.9
20°-30°	244.7	4.8
30°-40°	299.1	5.8
40°-50°	271.3	5.3
50°-60°	216.1	4.2
60°-70°	150.5	2.9
70°-80°	80.2	1.6
80°-90°	21.8	0.4
90°-100°	353.5	6.9
100°-110°	762.3	14.8
110°-120°	710.7	13.8
120°-130°	575.6	11.2
130°-140°	462.2	9.0
140°-150°	348.6	6.8
150°-160°	245.5	4.8
160°-170°	144.7	2.8
170°-180°	47.0	0.9
0°-30°	446.0	8.7
0°-40°	745.0	14.5
0°-60°	1232.4	24.0
0°-90°	1484.9	28.9
90°-120°	1826.5	35.6
90°-150°	3212.8	62.6
90°-180°	3650.0	71.1
0°-180°	5135.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	526	526	526	526	526	
5°	525	606	526	460	525	50
15°	505	757	501	360	505	142
25°	464	932	456	304	464	214
35°	404	748	396	260	404	252
45°	318	352	314	216	318	245
55°	224	217	222	177	224	200
65°	138	133	136	137	138	137
75°	67	66	66	84	67	71
85°	13	15	13	21	13	16
90°	1	22	1	22	1	3
95°	32	230	32	230	32	34
105°	111	1298	111	1298	111	117
115°	198	1446	198	1446	198	195
125°	274	1140	274	1140	274	244
135°	321	946	321	946	321	249
145°	374	747	374	747	374	235
155°	427	626	427	626	427	197
165°	466	549	466	549	466	131
175°	485	493	485	493	485	46
180°	486	486	486	486	486	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	526.4	529.6	533.1	535.8	540.3	541.6	543.8	545.2	546.5	547.8	548.7
5°	525.1	532.7	539.4	544.3	552.8	555.9	559.9	564.8	570.6	575.5	578.6
7.5°	521.5	533.6	542.5	552.3	563.9	571.5	575.5	585.8	595.1	602.3	611.6
10°	517.1	531.3	545.2	559.9	576.4	584.9	592.9	607.2	620.1	631.7	641.1
12.5°	512.2	529.6	546.1	565.2	587.6	597.8	603.2	627.7	643.8	650.0	668.3
15°	504.6	525.1	548.7	572.4	591.1	603.2	617.9	637.5	653.6	667.4	682.1
17.5°	497.4	519.7	543.8	570.2	597.4	613.0	624.1	641.5	658.9	676.8	690.6
20°	485.8	514.8	539.4	567.5	599.6	610.8	622.4	642.9	661.6	680.8	698.2
22.5°	476.5	504.1	537.6	564.4	591.6	602.7	617.0	638.4	660.7	682.6	708.0
25°	464.4	495.2	524.2	552.8	580.9	592.9	605.8	633.5	656.7	684.8	712.9
27.5°	451.5	483.2	512.2	538.0	564.4	580.9	594.7	623.7	654.5	685.3	721.8
30°	437.7	467.5	495.2	520.6	549.6	566.6	580.4	614.3	648.7	687.9	731.7
32.5°	422.9	451.0	474.7	500.6	531.3	547.0	565.7	602.7	643.3	690.2	745.0
35°	404.2	431.0	451.9	478.3	509.0	529.1	548.7	590.2	637.5	689.7	752.6
37.5°	385.5	406.4	426.5	454.6	490.3	508.6	529.1	574.6	628.6	688.4	755.7
40°	363.1	383.7	401.1	429.6	467.1	488.1	509.5	557.2	618.3	683.5	744.6
42.5°	340.8	358.2	377.4	407.3	443.5	465.8	488.5	541.6	605.0	669.2	713.8
45°	317.6	331.0	352.0	379.2	417.6	439.0	464.9	522.4	586.2	643.3	665.6
47.5°	293.6	306.9	326.6	352.9	390.8	416.2	440.8	498.3	562.6	606.7	606.7
50°	270.4	281.1	300.2	326.6	364.9	388.1	413.1	474.2	526.0	558.6	529.6
52.5°	245.4	257.4	273.5	301.1	339.1	360.0	387.2	439.4	488.5	501.9	457.3
55°	223.5	233.3	248.5	274.8	310.1	331.9	355.1	405.1	446.6	445.7	397.9
57.5°	200.8	208.8	224.8	248.9	281.5	301.1	324.3	367.6	401.5	389.5	344.4
60°	179.8	185.6	201.2	220.8	252.1	270.4	292.7	327.9	353.8	336.8	291.3
62.5°	157.9	164.6	177.1	196.3	224.0	238.7	255.2	290.9	307.4	292.2	245.8
65°	138.3	143.7	154.8	170.9	195.9	209.2	223.5	253.0	268.6	246.7	208.3
67.5°	118.7	124.9	132.9	147.2	166.9	179.3	191.8	217.3	224.4	204.8	172.7
70°	100.4	105.7	113.3	123.6	140.1	151.2	160.6	181.6	186.5	168.2	142.8
72.5°	82.5	86.1	92.3	100.8	116.0	122.2	132.1	146.3	152.6	136.1	117.8
75°	66.9	69.6	73.6	79.9	90.1	96.8	104.8	118.2	117.8	106.2	93.2
77.5°	51.8	52.2	56.7	62.5	68.7	74.5	78.5	87.9	88.8	81.6	70.9
80°	37.0	38.4	40.2	44.6	50.0	52.2	57.1	62.9	63.8	58.4	51.3
82.5°	23.6	24.5	25.9	28.6	32.1	34.8	37.5	39.7	41.9	38.8	33.0
85°	13.4	13.8	15.2	16.1	17.8	19.2	21.4	23.6	23.2	21.0	19.2
87.5°	6.7	6.7	6.7	7.6	8.5	8.5	9.4	9.8	10.3	9.4	8.5
90°	1.0	2.0	3.9	5.9	7.8	8.8	9.8	10.8	12.7	13.7	15.7
92.5°	14.7	17.6	27.4	42.1	62.7	80.4	98.0	164.6	276.3	397.8	390.9
95°	32.3	33.3	41.2	51.9	73.5	95.6	117.6	222.4	438.0	708.4	868.1
97.5°	50.0	50.9	56.8	67.6	87.2	103.4	119.5	192.0	357.6	649.6	937.6
100°	68.6	70.5	74.5	85.2	103.9	118.6	133.2	190.1	317.4	564.3	884.7
102.5°	89.2	90.1	93.1	104.8	121.5	135.7	149.9	198.9	300.8	499.7	791.7
105°	110.7	110.7	115.6	125.4	141.1	154.8	168.5	211.6	298.8	462.4	710.3
107.5°	131.3	133.2	138.1	146.0	162.6	174.8	187.1	229.3	305.7	442.9	649.6
110°	153.8	155.8	159.7	168.5	183.2	196.0	208.7	248.9	316.5	435.0	609.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	176.4	178.3	181.3	190.1	204.8	217.0	229.3	267.5	330.2	435.0	585.9
115°	197.9	199.9	202.8	211.6	226.3	238.6	250.8	287.1	343.9	438.0	570.2
117.5°	217.5	220.4	223.4	232.2	248.9	260.6	272.4	306.7	359.6	442.9	561.4
120°	237.1	240.0	244.0	252.8	269.4	281.6	293.9	328.2	375.3	450.7	555.5
122.5°	257.7	259.6	262.6	271.4	290.0	302.2	314.5	348.8	392.9	457.6	550.6
125°	274.3	276.3	281.2	290.0	308.6	321.4	334.1	366.4	408.6	465.4	546.7
127.5°	288.1	291.0	296.9	307.6	327.2	340.0	352.7	384.1	423.3	474.2	544.8
130°	300.8	303.7	311.6	324.3	344.9	357.6	370.4	400.7	438.0	482.0	542.8
132.5°	310.6	314.5	324.3	339.0	360.6	373.3	386.0	416.4	450.7	490.9	542.8
135°	321.4	325.3	337.0	352.7	373.3	386.5	399.7	430.1	462.4	498.7	542.8
137.5°	335.1	338.0	348.8	364.5	385.0	398.8	412.5	439.9	471.3	506.5	543.8
140°	346.8	349.8	361.5	377.2	395.8	409.0	422.3	450.7	480.1	511.4	544.8
142.5°	360.6	362.5	373.3	389.0	406.6	418.8	431.1	457.6	485.0	514.4	545.7
145°	374.3	376.2	386.0	399.7	417.4	428.6	439.9	465.4	489.9	516.3	544.8
147.5°	389.0	389.9	398.8	411.5	427.2	437.5	447.8	470.3	492.8	517.3	542.8
150°	401.7	403.7	410.5	423.3	437.0	445.3	453.6	475.2	495.8	517.3	539.9
152.5°	415.4	416.4	422.3	433.1	445.8	453.2	460.5	480.1	497.7	516.3	535.9
155°	427.2	427.2	433.1	442.9	452.7	459.6	466.4	483.0	498.7	514.4	531.0
157.5°	438.0	438.0	442.9	451.7	460.5	465.9	471.3	486.0	499.7	512.4	526.1
160°	448.7	447.8	451.7	458.5	466.4	470.8	475.2	487.9	499.7	509.5	521.2
162.5°	457.6	456.6	460.5	466.4	472.2	475.6	479.1	489.9	498.7	506.5	515.4
165°	466.4	464.4	467.3	472.2	476.2	479.1	482.0	489.9	497.7	503.6	509.5
167.5°	472.2	471.3	473.2	476.2	479.1	481.0	483.0	489.9	495.8	498.7	503.6
170°	478.1	477.1	478.1	480.1	482.0	483.5	485.0	489.9	493.8	495.8	498.7
172.5°	482.0	480.1	481.1	483.0	484.0	484.5	485.0	488.9	491.8	491.8	492.8
175°	485.0	483.0	484.0	485.0	485.0	485.0	485.0	487.9	489.9	488.9	488.9
177.5°	486.9	485.0	485.0	486.0	485.0	485.0	485.0	486.9	487.9	486.0	486.0
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	549.6	552.8	555.4	557.7	559.4	562.1	560.3	560.8	561.7	563.5	563.5
5°	585.3	590.2	592.9	601.8	604.1	603.6	602.3	609.4	609.0	606.3	605.8
7.5°	620.1	628.6	636.2	643.3	645.5	651.3	652.7	655.8	654.9	659.4	657.1
10°	651.8	665.2	672.3	683.0	685.7	688.4	691.9	693.7	697.7	697.3	697.3
12.5°	676.3	692.4	701.8	704.4	714.7	717.8	720.9	726.7	725.4	725.9	728.5
15°	695.5	711.1	719.2	731.7	738.8	742.4	747.7	754.0	753.1	757.1	756.2
17.5°	709.8	724.5	739.2	758.0	758.4	767.8	780.3	783.0	788.8	784.7	784.7
20°	721.4	741.0	762.0	786.1	788.8	794.6	809.7	820.0	826.7	824.4	825.8
22.5°	733.9	762.0	786.5	810.6	823.6	833.8	848.5	864.6	870.4	874.0	873.1
25°	749.9	779.4	815.5	849.0	862.4	882.0	901.6	917.2	921.7	931.5	922.6
27.5°	766.5	807.9	853.0	892.3	909.2	925.3	948.9	960.5	966.3	970.8	967.7
30°	780.3	837.4	886.5	922.6	934.6	944.0	957.4	960.1	957.8	961.4	965.9
32.5°	801.7	857.5	899.0	916.4	915.0	914.6	904.3	890.0	886.9	878.4	890.0
35°	813.3	857.9	874.0	850.8	841.4	824.4	791.9	770.5	751.7	747.7	748.6
37.5°	806.6	824.0	804.8	743.7	728.5	702.7	659.4	629.0	615.2	604.5	618.3
40°	770.5	751.3	698.6	624.1	602.3	577.7	537.1	520.6	501.0	497.0	515.3
42.5°	710.7	652.2	577.7	520.2	497.4	483.6	449.7	434.1	420.3	414.0	424.3
45°	629.5	558.6	483.6	436.3	417.1	400.6	380.5	364.0	355.1	352.4	360.9
47.5°	545.6	470.7	410.9	375.6	355.6	343.1	324.3	315.0	307.8	308.7	310.1
50°	465.3	397.1	351.1	315.9	306.0	296.2	283.7	275.7	272.1	273.5	272.6
52.5°	396.2	340.8	302.0	274.8	270.4	261.0	250.7	244.0	242.7	243.1	244.5
55°	335.5	292.2	261.4	241.8	236.9	230.2	224.0	219.5	215.9	217.3	216.8
57.5°	289.5	251.6	228.0	211.9	208.3	204.3	198.5	196.3	195.0	192.3	194.5
60°	248.9	218.2	197.6	187.8	184.7	182.0	175.8	173.1	172.2	170.9	174.4
62.5°	210.6	188.7	173.1	164.2	161.1	158.4	155.3	153.0	153.5	151.7	153.5
65°	180.2	162.4	151.2	143.2	139.2	137.4	137.0	133.4	132.9	133.4	133.8
67.5°	152.1	137.0	128.5	123.6	120.5	118.7	117.3	115.1	116.9	115.5	116.4
70°	126.7	116.4	107.5	102.6	101.3	101.7	99.5	98.6	99.0	98.1	99.0
72.5°	102.2	93.7	90.1	86.5	84.8	84.3	83.0	81.6	83.0	82.5	82.5
75°	81.6	75.4	71.4	69.2	69.2	68.3	66.0	66.0	66.0	65.6	66.0
77.5°	62.9	57.6	55.8	53.5	53.5	52.2	51.8	51.8	50.9	52.2	51.3
80°	46.8	42.8	40.2	38.8	38.8	38.4	37.5	37.0	37.5	37.0	37.0
82.5°	30.3	28.6	27.2	25.9	25.4	25.9	25.4	24.5	25.0	24.5	25.4
85°	17.4	15.6	15.6	14.7	15.2	14.3	14.7	13.8	13.4	14.7	13.8
87.5°	7.6	7.1	7.1	6.2	6.2	6.2	5.8	6.2	5.8	5.4	5.8
90°	16.7	17.6	18.6	19.6	20.6	21.6	21.6	21.6	22.5	22.5	22.5
92.5°	315.5	212.6	152.8	113.7	104.4	95.0	79.4	76.4	74.5	72.5	74.5
95°	849.5	704.5	555.5	435.0	393.8	352.7	283.2	253.8	245.9	230.2	245.9
97.5°	1061.1	1010.1	891.6	770.1	711.3	652.5	593.7	542.8	516.3	504.6	516.3
100°	1129.7	1205.1	1157.1	1056.2	1005.2	954.3	886.7	816.1	779.9	764.2	779.9
102.5°	1088.5	1270.8	1319.7	1284.5	1254.1	1223.7	1150.2	1105.2	1065.0	1054.2	1065.0
105°	991.5	1226.7	1360.9	1404.0	1398.6	1393.2	1361.9	1329.5	1309.9	1298.2	1309.9
107.5°	899.4	1136.5	1313.9	1417.7	1439.2	1460.8	1469.6	1464.8	1455.0	1445.2	1455.0
110°	823.0	1034.6	1220.8	1358.9	1400.6	1442.2	1486.3	1504.9	1511.8	1511.8	1511.8

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	766.2	954.3	1128.7	1268.8	1319.8	1370.7	1440.3	1475.5	1495.1	1503.9	1495.1
115°	728.0	889.6	1041.5	1175.7	1229.1	1282.5	1358.9	1406.0	1433.4	1446.1	1433.4
117.5°	702.5	844.6	978.8	1096.4	1146.8	1197.3	1274.7	1323.7	1351.1	1358.9	1351.1
120°	681.9	809.3	926.9	1034.6	1077.8	1120.9	1193.4	1240.4	1266.8	1274.7	1266.8
122.5°	664.3	782.8	889.6	982.7	1022.4	1062.1	1124.8	1166.9	1193.4	1200.2	1193.4
125°	648.6	757.4	857.3	942.5	977.8	1013.1	1067.9	1108.1	1129.7	1139.5	1129.7
127.5°	633.9	730.9	825.9	906.3	939.6	972.9	1022.9	1059.1	1079.7	1083.6	1079.7
130°	619.2	706.4	792.6	869.1	900.9	932.7	981.7	1014.1	1033.7	1039.5	1033.7
132.5°	607.5	681.9	761.3	828.9	859.2	889.6	938.6	970.9	988.6	995.4	988.6
135°	598.6	661.3	728.9	791.7	819.6	847.5	890.6	922.9	940.6	946.5	940.6
137.5°	589.8	642.7	699.6	753.4	777.9	802.4	841.6	872.0	888.6	895.5	888.6
140°	583.9	628.0	674.1	719.1	739.7	760.3	796.6	822.0	836.7	841.6	836.7
142.5°	579.0	615.3	652.5	689.8	706.9	724.0	753.4	774.0	787.7	791.7	787.7
145°	574.1	604.5	634.9	665.3	678.5	691.7	715.2	731.9	742.7	746.6	742.7
147.5°	569.2	593.7	619.2	643.7	654.0	664.3	683.9	697.6	704.5	706.4	704.5
150°	563.4	584.9	606.5	625.1	633.9	642.7	657.4	669.2	673.1	674.1	673.1
152.5°	556.5	575.1	593.7	610.4	616.8	623.1	634.9	643.7	647.6	648.6	647.6
155°	548.7	565.3	581.0	594.7	600.1	605.5	615.3	622.2	625.1	626.1	625.1
157.5°	541.8	555.5	569.2	580.0	584.4	588.8	596.7	602.6	605.5	605.5	605.5
160°	533.0	545.7	555.5	565.3	568.8	572.2	579.0	583.9	585.9	584.9	585.9
162.5°	525.2	535.0	543.8	551.6	554.6	557.5	562.4	566.3	566.3	566.3	566.3
165°	517.3	525.2	532.0	537.9	540.3	542.8	546.7	548.7	548.7	548.7	548.7
167.5°	509.5	515.4	520.3	525.2	527.2	529.1	531.0	533.0	532.0	532.0	532.0
170°	502.6	507.5	510.5	513.4	514.4	515.4	517.3	518.3	518.3	517.3	518.3
172.5°	495.8	498.7	501.6	503.6	504.1	504.6	504.6	506.5	504.6	503.6	504.6
175°	489.9	492.8	492.8	494.8	494.8	494.8	494.8	495.8	493.8	492.8	493.8
177.5°	486.9	487.9	488.9	488.9	488.9	488.9	487.9	488.9	486.0	486.0	486.0
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	562.6	559.4	560.3	559.4	557.2	555.9	552.3	547.8	546.1	543.8	542.5
5°	607.6	605.4	605.0	601.4	600.5	595.1	586.2	581.8	576.4	571.0	565.7
7.5°	656.7	654.0	645.1	643.8	644.7	638.0	626.4	617.4	606.3	598.7	588.4
10°	697.3	691.9	684.4	684.8	681.7	672.8	661.2	651.8	635.7	625.9	611.2
12.5°	721.8	717.4	716.5	712.0	709.3	697.7	683.9	671.9	659.8	646.4	635.3
15°	751.7	745.9	741.9	735.7	733.9	721.8	706.7	692.8	679.0	666.5	642.9
17.5°	784.7	778.5	763.3	762.0	751.3	739.7	725.0	704.4	689.7	671.9	654.5
20°	822.2	813.3	793.7	788.8	780.3	761.1	741.0	718.3	694.6	676.3	655.8
22.5°	864.2	848.5	834.3	818.6	812.4	788.8	761.1	733.4	704.9	679.9	655.4
25°	918.6	898.1	878.0	862.4	851.7	820.9	783.8	747.3	714.3	681.7	649.6
27.5°	961.4	943.6	921.7	901.2	887.4	850.8	808.4	761.1	720.1	680.3	646.0
30°	964.5	959.2	945.8	934.6	919.5	880.2	833.4	779.8	729.0	680.8	638.9
32.5°	906.1	916.8	922.6	924.4	921.3	898.5	855.7	796.8	737.0	676.8	632.6
35°	780.3	808.8	844.1	857.5	870.4	882.4	860.1	808.8	739.7	675.9	622.8
37.5°	642.4	668.3	726.7	753.5	768.7	816.4	834.7	807.0	745.0	676.8	613.4
40°	518.4	559.4	601.4	637.5	661.2	714.7	771.4	777.6	737.5	668.3	601.4
42.5°	436.3	460.4	492.1	525.5	546.5	609.9	686.6	731.7	713.8	654.5	586.7
45°	371.6	389.5	419.4	430.5	457.3	518.0	599.2	664.3	673.2	632.6	569.7
47.5°	319.0	334.2	353.3	367.2	388.6	434.1	502.8	574.6	617.4	602.7	546.1
50°	281.1	293.6	309.6	317.6	331.5	372.5	424.3	495.7	553.2	558.1	515.3
52.5°	249.4	256.5	269.0	277.9	289.1	314.1	360.9	419.8	484.5	511.3	477.4
55°	221.7	227.5	238.7	244.5	250.3	271.7	308.3	361.8	422.5	457.7	438.5
57.5°	196.7	201.7	211.0	216.4	219.5	240.0	268.1	310.1	364.5	407.3	396.6
60°	176.2	180.7	186.0	190.1	193.6	210.6	230.2	264.1	312.7	354.2	351.6
62.5°	154.4	158.4	164.2	168.2	171.3	182.0	198.5	224.4	265.9	304.3	311.8
65°	135.2	138.3	142.3	144.1	148.1	156.1	169.5	192.7	226.6	261.0	266.3
67.5°	117.8	118.7	121.3	125.4	126.3	133.4	145.4	162.8	189.2	217.3	225.7
70°	99.0	100.4	102.6	105.7	107.5	112.0	122.2	133.8	156.6	181.1	187.4
72.5°	82.5	84.3	85.2	87.0	87.9	95.0	99.5	111.1	126.7	147.2	153.9
75°	66.9	68.7	69.2	70.0	70.9	74.1	80.3	87.4	100.4	113.8	122.7
77.5°	53.1	52.6	53.5	54.9	54.4	57.1	61.1	67.4	75.8	87.0	92.8
80°	37.5	37.5	38.8	40.2	39.7	42.4	43.7	48.2	55.3	62.5	64.7
82.5°	25.0	25.0	26.3	26.3	27.2	27.7	29.4	31.7	37.5	41.0	42.4
85°	14.3	14.3	14.7	14.7	14.7	15.6	17.0	17.8	19.6	21.9	22.8
87.5°	5.8	6.2	6.2	6.2	6.2	7.1	7.1	8.0	8.5	9.4	9.4
90°	21.6	21.6	21.6	20.6	19.6	18.6	17.6	16.7	15.7	13.7	12.7
92.5°	76.4	79.4	95.0	104.4	113.7	152.8	212.6	315.5	390.9	397.8	276.3
95°	253.8	283.2	352.7	393.8	435.0	555.5	704.5	849.5	868.1	708.4	438.0
97.5°	542.8	593.7	652.5	711.3	770.1	891.6	1010.1	1061.1	937.6	649.6	357.6
100°	816.1	886.7	954.3	1005.2	1056.2	1157.1	1205.1	1129.7	884.7	564.3	317.4
102.5°	1105.2	1150.2	1223.7	1254.1	1284.5	1319.7	1270.8	1088.5	791.7	499.7	300.8
105°	1329.5	1361.9	1393.2	1398.6	1404.0	1360.9	1226.7	991.5	710.3	462.4	298.8
107.5°	1464.8	1469.6	1460.8	1439.2	1417.7	1313.9	1136.5	899.4	649.6	442.9	305.7
110°	1504.9	1486.3	1442.2	1400.6	1358.9	1220.8	1034.6	823.0	609.4	435.0	316.5

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1475.5	1440.3	1370.7	1319.8	1268.8	1128.7	954.3	766.2	585.9	435.0	330.2
115°	1406.0	1358.9	1282.5	1229.1	1175.7	1041.5	889.6	728.0	570.2	438.0	343.9
117.5°	1323.7	1274.7	1197.3	1146.8	1096.4	978.8	844.6	702.5	561.4	442.9	359.6
120°	1240.4	1193.4	1120.9	1077.8	1034.6	926.9	809.3	681.9	555.5	450.7	375.3
122.5°	1166.9	1124.8	1062.1	1022.4	982.7	889.6	782.8	664.3	550.6	457.6	392.9
125°	1108.1	1067.9	1013.1	977.8	942.5	857.3	757.4	648.6	546.7	465.4	408.6
127.5°	1059.1	1022.9	972.9	939.6	906.3	825.9	730.9	633.9	544.8	474.2	423.3
130°	1014.1	981.7	932.7	900.9	869.1	792.6	706.4	619.2	542.8	482.0	438.0
132.5°	970.9	938.6	889.6	859.2	828.9	761.3	681.9	607.5	542.8	490.9	450.7
135°	922.9	890.6	847.5	819.6	791.7	728.9	661.3	598.6	542.8	498.7	462.4
137.5°	872.0	841.6	802.4	777.9	753.4	699.6	642.7	589.8	543.8	506.5	471.3
140°	822.0	796.6	760.3	739.7	719.1	674.1	628.0	583.9	544.8	511.4	480.1
142.5°	774.0	753.4	724.0	706.9	689.8	652.5	615.3	579.0	545.7	514.4	485.0
145°	731.9	715.2	691.7	678.5	665.3	634.9	604.5	574.1	544.8	516.3	489.9
147.5°	697.6	683.9	664.3	654.0	643.7	619.2	593.7	569.2	542.8	517.3	492.8
150°	669.2	657.4	642.7	633.9	625.1	606.5	584.9	563.4	539.9	517.3	495.8
152.5°	643.7	634.9	623.1	616.8	610.4	593.7	575.1	556.5	535.9	516.3	497.7
155°	622.2	615.3	605.5	600.1	594.7	581.0	565.3	548.7	531.0	514.4	498.7
157.5°	602.6	596.7	588.8	584.4	580.0	569.2	555.5	541.8	526.1	512.4	499.7
160°	583.9	579.0	572.2	568.8	565.3	555.5	545.7	533.0	521.2	509.5	499.7
162.5°	566.3	562.4	557.5	554.6	551.6	543.8	535.0	525.2	515.4	506.5	498.7
165°	548.7	546.7	542.8	540.3	537.9	532.0	525.2	517.3	509.5	503.6	497.7
167.5°	533.0	531.0	529.1	527.2	525.2	520.3	515.4	509.5	503.6	498.7	495.8
170°	518.3	517.3	515.4	514.4	513.4	510.5	507.5	502.6	498.7	495.8	493.8
172.5°	506.5	504.6	504.6	504.1	503.6	501.6	498.7	495.8	492.8	491.8	491.8
175°	495.8	494.8	494.8	494.8	494.8	492.8	492.8	489.9	488.9	488.9	489.9
177.5°	488.9	487.9	488.9	488.9	488.9	488.9	487.9	486.9	486.0	486.0	487.9
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	540.7	538.5	535.8	535.8	532.7	531.3	528.7	527.8	525.5	522.0	519.3
5°	559.9	554.1	550.5	547.4	540.7	535.8	530.9	525.5	520.2	513.9	506.8
7.5°	578.6	567.9	563.0	557.7	547.8	537.6	527.8	520.6	513.5	503.7	494.8
10°	598.3	584.9	576.0	568.8	553.6	540.7	526.4	516.2	505.0	492.5	480.9
12.5°	614.8	597.4	589.8	576.4	559.0	543.4	525.5	509.9	495.2	480.5	466.2
15°	628.6	612.1	593.4	588.0	563.9	541.6	521.5	501.4	483.2	468.4	451.9
17.5°	633.1	612.1	602.7	589.8	561.2	538.0	512.6	490.7	473.3	451.5	438.5
20°	634.4	614.3	601.4	589.3	563.9	533.1	508.1	481.4	460.4	438.5	418.0
22.5°	630.8	607.2	594.7	583.1	554.5	528.2	499.2	469.8	445.2	425.2	404.6
25°	624.1	596.5	584.4	571.9	544.7	515.7	484.1	455.9	433.2	409.1	389.0
27.5°	615.2	583.5	569.7	556.8	530.0	502.8	472.9	443.9	418.5	393.0	374.3
30°	604.1	567.5	555.0	538.0	512.2	486.3	459.1	430.1	401.5	377.4	356.9
32.5°	589.8	551.4	534.9	518.8	490.7	467.1	441.2	414.0	386.3	362.7	341.3
35°	576.8	533.1	514.8	498.8	467.5	442.6	421.1	395.7	371.2	346.6	327.5
37.5°	559.4	514.8	493.0	476.5	444.8	419.4	399.3	379.7	353.8	330.1	312.3
40°	541.2	492.1	471.6	455.1	422.0	394.4	375.2	357.8	336.8	315.0	296.2
42.5°	524.6	470.2	448.4	428.3	394.8	370.3	350.7	337.3	318.1	298.5	281.5
45°	503.7	447.0	423.4	402.4	370.3	343.5	324.8	314.1	299.8	280.6	265.9
47.5°	482.3	422.0	397.5	377.0	342.2	318.5	300.2	290.0	280.2	265.0	250.3
50°	454.2	395.7	373.4	349.8	315.4	291.3	276.2	265.9	258.3	247.6	235.1
52.5°	423.4	368.5	344.4	323.9	290.0	268.1	250.7	244.9	237.3	229.3	218.6
55°	390.8	339.1	315.9	295.8	264.6	242.2	228.0	221.7	215.9	209.7	202.5
57.5°	358.2	308.3	286.4	268.6	239.6	218.2	206.6	198.1	194.1	190.5	184.7
60°	317.6	275.3	258.3	242.2	213.7	194.1	182.9	176.7	173.1	171.3	168.6
62.5°	282.0	247.2	228.4	212.8	190.1	172.7	161.9	157.0	153.9	153.0	149.9
65°	244.0	214.1	199.4	186.0	166.4	150.8	141.9	136.1	133.8	133.4	133.4
67.5°	208.3	184.3	169.5	160.2	143.2	129.4	120.9	118.7	117.3	115.5	115.1
70°	174.9	155.7	142.8	134.7	119.6	109.3	102.6	99.0	99.0	97.7	96.8
72.5°	145.4	126.3	117.8	111.1	98.6	89.7	84.8	83.9	80.7	80.3	80.3
75°	113.8	99.5	93.7	87.9	78.5	72.3	68.3	66.0	64.2	64.2	64.7
77.5°	85.7	75.8	70.5	66.0	59.3	55.3	52.2	51.3	49.5	49.5	49.5
80°	60.7	55.3	51.3	47.7	42.8	39.3	37.5	35.7	35.7	35.2	35.7
82.5°	39.3	34.8	32.6	32.1	27.7	26.3	24.1	24.5	23.2	22.8	23.6
85°	22.8	20.5	17.8	17.0	15.2	13.4	12.5	12.9	12.5	12.0	12.5
87.5°	8.9	7.6	7.1	7.1	5.8	5.4	4.9	5.4	4.5	4.5	4.9
90°	10.8	9.8	8.8	7.8	5.9	3.9	2.0	1.0	2.0	3.9	5.9
92.5°	164.6	98.0	80.4	62.7	42.1	27.4	17.6	14.7	17.6	27.4	42.1
95°	222.4	117.6	95.6	73.5	51.9	41.2	33.3	32.3	33.3	41.2	51.9
97.5°	192.0	119.5	103.4	87.2	67.6	56.8	50.9	50.0	50.9	56.8	67.6
100°	190.1	133.2	118.6	103.9	85.2	74.5	70.5	68.6	70.5	74.5	85.2
102.5°	198.9	149.9	135.7	121.5	104.8	93.1	90.1	89.2	90.1	93.1	104.8
105°	211.6	168.5	154.8	141.1	125.4	115.6	110.7	110.7	110.7	115.6	125.4
107.5°	229.3	187.1	174.8	162.6	146.0	138.1	133.2	131.3	133.2	138.1	146.0
110°	248.9	208.7	196.0	183.2	168.5	159.7	155.8	153.8	155.8	159.7	168.5

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	267.5	229.3	217.0	204.8	190.1	181.3	178.3	176.4	178.3	181.3	190.1
115°	287.1	250.8	238.6	226.3	211.6	202.8	199.9	197.9	199.9	202.8	211.6
117.5°	306.7	272.4	260.6	248.9	232.2	223.4	220.4	217.5	220.4	223.4	232.2
120°	328.2	293.9	281.6	269.4	252.8	244.0	240.0	237.1	240.0	244.0	252.8
122.5°	348.8	314.5	302.2	290.0	271.4	262.6	259.6	257.7	259.6	262.6	271.4
125°	366.4	334.1	321.4	308.6	290.0	281.2	276.3	274.3	276.3	281.2	290.0
127.5°	384.1	352.7	340.0	327.2	307.6	296.9	291.0	288.1	291.0	296.9	307.6
130°	400.7	370.4	357.6	344.9	324.3	311.6	303.7	300.8	303.7	311.6	324.3
132.5°	416.4	386.0	373.3	360.6	339.0	324.3	314.5	310.6	314.5	324.3	339.0
135°	430.1	399.7	386.5	373.3	352.7	337.0	325.3	321.4	325.3	337.0	352.7
137.5°	439.9	412.5	398.8	385.0	364.5	348.8	338.0	335.1	338.0	348.8	364.5
140°	450.7	422.3	409.0	395.8	377.2	361.5	349.8	346.8	349.8	361.5	377.2
142.5°	457.6	431.1	418.8	406.6	389.0	373.3	362.5	360.6	362.5	373.3	389.0
145°	465.4	439.9	428.6	417.4	399.7	386.0	376.2	374.3	376.2	386.0	399.7
147.5°	470.3	447.8	437.5	427.2	411.5	398.8	389.9	389.0	389.9	398.8	411.5
150°	475.2	453.6	445.3	437.0	423.3	410.5	403.7	401.7	403.7	410.5	423.3
152.5°	480.1	460.5	453.2	445.8	433.1	422.3	416.4	415.4	416.4	422.3	433.1
155°	483.0	466.4	459.6	452.7	442.9	433.1	427.2	427.2	427.2	433.1	442.9
157.5°	486.0	471.3	465.9	460.5	451.7	442.9	438.0	438.0	438.0	442.9	451.7
160°	487.9	475.2	470.8	466.4	458.5	451.7	447.8	448.7	447.8	451.7	458.5
162.5°	489.9	479.1	475.6	472.2	466.4	460.5	456.6	457.6	456.6	460.5	466.4
165°	489.9	482.0	479.1	476.2	472.2	467.3	464.4	466.4	464.4	467.3	472.2
167.5°	489.9	483.0	481.0	479.1	476.2	473.2	471.3	472.2	471.3	473.2	476.2
170°	489.9	485.0	483.5	482.0	480.1	478.1	477.1	478.1	477.1	478.1	480.1
172.5°	488.9	485.0	484.5	484.0	483.0	481.1	480.1	482.0	480.1	481.1	483.0
175°	487.9	485.0	485.0	485.0	485.0	484.0	483.0	485.0	483.0	484.0	485.0
177.5°	486.9	485.0	485.0	485.0	486.0	485.0	485.0	486.9	485.0	485.0	486.0
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	518.4	517.5	515.3	513.9	509.5	504.1	502.3	497.9	499.7	496.5	496.5
5°	504.6	500.6	497.9	493.9	485.4	479.6	473.3	470.2	468.4	466.2	464.4
7.5°	486.7	483.6	480.9	473.3	464.0	455.9	448.4	445.2	439.4	435.4	433.6
10°	471.1	466.7	460.4	451.5	441.7	431.4	424.7	418.0	413.6	411.3	406.4
12.5°	455.1	449.7	443.0	430.1	419.4	413.1	401.1	394.8	392.6	390.8	385.0
15°	438.5	432.7	424.7	412.7	403.3	388.6	381.4	376.5	371.2	370.7	366.3
17.5°	423.8	416.7	410.0	395.3	383.7	370.7	366.7	361.4	356.5	351.1	348.9
20°	405.1	398.4	393.5	377.4	364.5	356.5	349.8	345.3	342.2	336.8	335.9
22.5°	388.1	381.0	374.3	362.3	351.1	340.8	332.8	327.9	326.6	324.3	320.3
25°	371.6	364.5	356.5	345.3	333.7	326.6	319.4	316.3	313.6	310.1	306.9
27.5°	357.8	351.1	343.5	329.7	319.9	314.5	306.9	303.4	299.8	298.0	296.7
30°	341.3	333.7	327.9	317.2	306.5	299.4	294.0	290.9	287.8	286.0	285.1
32.5°	325.2	318.1	314.1	302.5	294.0	285.5	281.5	279.3	277.5	275.7	273.9
35°	312.3	305.2	298.9	288.2	279.7	273.9	270.8	267.2	265.9	264.1	264.1
37.5°	296.2	290.9	284.6	274.4	266.8	262.3	259.6	255.2	254.7	253.8	252.5
40°	282.4	277.0	271.2	262.3	255.6	250.3	246.7	244.5	243.1	242.2	241.4
42.5°	267.7	261.9	259.2	248.9	243.1	237.8	236.0	233.8	233.3	231.5	229.3
45°	253.4	248.5	243.1	235.6	230.6	226.2	223.5	221.7	219.5	219.0	217.7
47.5°	240.9	235.1	230.2	223.1	217.7	214.1	211.9	209.7	207.9	206.6	205.2
50°	224.8	220.4	216.4	208.8	204.3	200.8	197.6	195.9	194.1	194.1	194.1
52.5°	209.2	205.2	201.7	196.3	190.9	187.8	184.3	182.9	182.0	180.7	182.0
55°	194.1	190.1	186.5	182.5	176.2	173.5	170.0	168.6	169.1	169.1	170.4
57.5°	178.0	174.9	172.7	167.7	161.9	159.3	157.0	155.7	155.7	157.5	157.9
60°	162.4	159.3	155.3	150.8	147.2	144.1	142.8	143.2	143.2	144.1	146.3
62.5°	145.0	143.2	141.0	134.7	132.5	130.3	128.5	129.8	129.4	131.6	134.7
65°	128.9	127.1	124.0	120.9	118.2	116.0	115.5	116.0	116.9	119.1	122.7
67.5°	111.1	111.1	108.4	105.7	103.5	101.3	101.7	102.2	103.1	105.7	111.1
70°	96.4	94.6	91.9	90.1	88.3	87.4	86.5	88.3	91.0	92.8	96.8
72.5°	80.3	79.0	76.7	74.9	74.5	73.6	73.2	74.1	76.7	79.9	84.3
75°	63.4	63.8	62.5	61.1	61.1	59.8	60.7	60.7	63.4	66.5	70.0
77.5°	49.1	48.6	48.2	47.3	46.8	46.8	46.8	47.7	50.4	52.2	55.8
80°	34.8	35.2	33.9	34.4	33.9	34.4	34.4	36.1	37.5	39.7	42.4
82.5°	23.2	23.2	22.3	22.8	22.8	22.8	23.2	24.1	25.9	27.7	29.4
85°	12.9	13.4	12.5	13.4	13.4	13.4	13.8	14.3	15.6	16.1	17.8
87.5°	4.9	5.8	5.8	4.9	5.4	5.8	6.2	5.8	6.7	7.6	8.0
90°	7.8	8.8	9.8	10.8	12.7	13.7	15.7	16.7	17.6	18.6	19.6
92.5°	62.7	80.4	98.0	164.6	276.3	397.8	390.9	315.5	212.6	152.8	113.7
95°	73.5	95.6	117.6	222.4	438.0	708.4	868.1	849.5	704.5	555.5	435.0
97.5°	87.2	103.4	119.5	192.0	357.6	649.6	937.6	1061.1	1010.1	891.6	770.1
100°	103.9	118.6	133.2	190.1	317.4	564.3	884.7	1129.7	1205.1	1157.1	1056.2
102.5°	121.5	135.7	149.9	198.9	300.8	499.7	791.7	1088.5	1270.8	1319.7	1284.5
105°	141.1	154.8	168.5	211.6	298.8	462.4	710.3	991.5	1226.7	1360.9	1404.0
107.5°	162.6	174.8	187.1	229.3	305.7	442.9	649.6	899.4	1136.5	1313.9	1417.7
110°	183.2	196.0	208.7	248.9	316.5	435.0	609.4	823.0	1034.6	1220.8	1358.9

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	204.8	217.0	229.3	267.5	330.2	435.0	585.9	766.2	954.3	1128.7	1268.8
115°	226.3	238.6	250.8	287.1	343.9	438.0	570.2	728.0	889.6	1041.5	1175.7
117.5°	248.9	260.6	272.4	306.7	359.6	442.9	561.4	702.5	844.6	978.8	1096.4
120°	269.4	281.6	293.9	328.2	375.3	450.7	555.5	681.9	809.3	926.9	1034.6
122.5°	290.0	302.2	314.5	348.8	392.9	457.6	550.6	664.3	782.8	889.6	982.7
125°	308.6	321.4	334.1	366.4	408.6	465.4	546.7	648.6	757.4	857.3	942.5
127.5°	327.2	340.0	352.7	384.1	423.3	474.2	544.8	633.9	730.9	825.9	906.3
130°	344.9	357.6	370.4	400.7	438.0	482.0	542.8	619.2	706.4	792.6	869.1
132.5°	360.6	373.3	386.0	416.4	450.7	490.9	542.8	607.5	681.9	761.3	828.9
135°	373.3	386.5	399.7	430.1	462.4	498.7	542.8	598.6	661.3	728.9	791.7
137.5°	385.0	398.8	412.5	439.9	471.3	506.5	543.8	589.8	642.7	699.6	753.4
140°	395.8	409.0	422.3	450.7	480.1	511.4	544.8	583.9	628.0	674.1	719.1
142.5°	406.6	418.8	431.1	457.6	485.0	514.4	545.7	579.0	615.3	652.5	689.8
145°	417.4	428.6	439.9	465.4	489.9	516.3	544.8	574.1	604.5	634.9	665.3
147.5°	427.2	437.5	447.8	470.3	492.8	517.3	542.8	569.2	593.7	619.2	643.7
150°	437.0	445.3	453.6	475.2	495.8	517.3	539.9	563.4	584.9	606.5	625.1
152.5°	445.8	453.2	460.5	480.1	497.7	516.3	535.9	556.5	575.1	593.7	610.4
155°	452.7	459.6	466.4	483.0	498.7	514.4	531.0	548.7	565.3	581.0	594.7
157.5°	460.5	465.9	471.3	486.0	499.7	512.4	526.1	541.8	555.5	569.2	580.0
160°	466.4	470.8	475.2	487.9	499.7	509.5	521.2	533.0	545.7	555.5	565.3
162.5°	472.2	475.6	479.1	489.9	498.7	506.5	515.4	525.2	535.0	543.8	551.6
165°	476.2	479.1	482.0	489.9	497.7	503.6	509.5	517.3	525.2	532.0	537.9
167.5°	479.1	481.0	483.0	489.9	495.8	498.7	503.6	509.5	515.4	520.3	525.2
170°	482.0	483.5	485.0	489.9	493.8	495.8	498.7	502.6	507.5	510.5	513.4
172.5°	484.0	484.5	485.0	488.9	491.8	491.8	492.8	495.8	498.7	501.6	503.6
175°	485.0	485.0	485.0	487.9	489.9	488.9	488.9	489.9	492.8	492.8	494.8
177.5°	485.0	485.0	485.0	486.9	487.9	486.0	486.0	486.9	487.9	488.9	488.9
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	498.3	495.2	494.8	495.7	493.9	496.5	495.7	496.5	494.3	496.5	495.2
5°	464.0	463.1	461.3	459.1	459.5	460.0	462.2	460.0	461.7	462.2	464.4
7.5°	431.9	430.1	431.4	430.5	426.5	425.6	426.5	427.8	430.5	432.3	433.6
10°	406.0	405.1	403.3	402.0	399.7	398.4	400.2	398.4	402.0	405.1	405.1
12.5°	386.3	382.8	380.5	380.1	375.2	376.1	377.9	379.2	383.2	385.0	385.0
15°	365.8	363.1	362.3	360.5	358.7	360.5	359.6	360.9	362.7	364.5	365.4
17.5°	348.0	347.5	348.0	343.5	344.9	342.6	343.1	345.3	344.0	345.3	348.0
20°	331.9	332.8	331.5	329.7	329.7	327.0	330.1	329.2	329.7	332.4	336.4
22.5°	319.9	319.4	318.1	316.8	315.0	315.4	315.9	315.0	318.5	320.8	321.2
25°	306.9	306.0	305.6	304.3	302.5	304.3	303.8	304.3	305.2	308.7	306.0
27.5°	294.9	293.1	294.0	292.7	292.2	292.7	292.7	293.1	294.0	294.4	294.9
30°	284.6	282.8	282.4	281.5	281.1	281.5	282.4	281.5	285.1	284.6	284.6
32.5°	273.5	272.1	271.2	271.2	270.8	270.4	270.8	271.2	273.9	272.1	273.9
35°	262.8	261.9	261.9	261.0	260.5	260.5	260.5	262.3	261.4	262.8	262.8
37.5°	252.5	252.5	252.1	251.2	250.7	251.2	250.7	251.6	251.2	251.6	252.1
40°	241.8	240.9	240.5	240.5	239.1	237.8	239.1	239.1	239.6	240.9	241.4
42.5°	228.9	229.3	229.3	227.5	227.5	227.5	228.0	228.4	228.4	229.3	229.3
45°	217.7	216.8	216.8	216.8	215.9	216.4	217.3	217.3	217.3	217.3	216.4
47.5°	205.2	205.2	205.7	205.7	207.0	206.6	206.6	206.1	205.2	205.2	205.7
50°	193.6	195.0	195.4	195.4	195.9	196.3	196.3	195.4	195.0	193.6	193.6
52.5°	182.5	183.4	184.3	185.6	186.5	186.0	186.0	185.1	183.4	182.9	182.5
55°	170.4	171.8	173.5	174.9	176.2	176.7	176.7	174.9	173.1	170.9	170.9
57.5°	159.3	160.6	163.7	165.1	166.9	166.9	166.0	164.6	161.9	160.2	158.8
60°	148.1	150.3	152.6	155.3	157.5	157.9	156.6	154.8	151.7	149.5	147.7
62.5°	136.1	138.3	142.8	145.4	147.2	147.2	147.2	145.0	141.0	137.9	135.2
65°	124.5	126.7	130.7	134.3	135.6	137.0	135.6	133.4	130.3	126.7	124.0
67.5°	112.4	115.1	119.1	121.8	123.6	124.9	124.0	122.2	118.2	113.3	111.5
70°	99.0	100.4	106.2	108.9	111.5	112.4	111.5	108.9	104.8	99.5	97.7
72.5°	86.5	87.9	93.2	95.5	97.7	98.6	97.3	95.5	91.9	87.0	84.8
75°	72.3	74.5	77.2	80.7	83.4	84.3	83.0	81.6	77.2	74.1	72.3
77.5°	57.1	59.3	62.9	66.0	68.7	68.3	66.5	66.9	62.0	58.4	57.1
80°	43.3	45.1	47.7	50.4	51.8	51.8	51.3	49.5	47.7	45.1	42.8
82.5°	29.9	32.1	34.4	36.1	36.1	36.6	35.7	35.2	33.5	31.2	30.8
85°	17.8	18.3	20.1	20.1	21.9	21.0	20.5	21.9	20.1	18.7	18.3
87.5°	8.0	7.6	8.0	8.0	7.6	8.5	8.5	8.0	8.5	8.0	8.0
90°	20.6	21.6	21.6	21.6	22.5	22.5	22.5	21.6	21.6	21.6	20.6
92.5°	104.4	95.0	79.4	76.4	74.5	72.5	74.5	76.4	79.4	95.0	104.4
95°	393.8	352.7	283.2	253.8	245.9	230.2	245.9	253.8	283.2	352.7	393.8
97.5°	711.3	652.5	593.7	542.8	516.3	504.6	516.3	542.8	593.7	652.5	711.3
100°	1005.2	954.3	886.7	816.1	779.9	764.2	779.9	816.1	886.7	954.3	1005.2
102.5°	1254.1	1223.7	1150.2	1105.2	1065.0	1054.2	1065.0	1105.2	1150.2	1223.7	1254.1
105°	1398.6	1393.2	1361.9	1329.5	1309.9	1298.2	1309.9	1329.5	1361.9	1393.2	1398.6
107.5°	1439.2	1460.8	1469.6	1464.8	1455.0	1445.2	1455.0	1464.8	1469.6	1460.8	1439.2
110°	1400.6	1442.2	1486.3	1504.9	1511.8	1511.8	1511.8	1504.9	1486.3	1442.2	1400.6

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1319.8	1370.7	1440.3	1475.5	1495.1	1503.9	1495.1	1475.5	1440.3	1370.7	1319.8
115°	1229.1	1282.5	1358.9	1406.0	1433.4	1446.1	1433.4	1406.0	1358.9	1282.5	1229.1
117.5°	1146.8	1197.3	1274.7	1323.7	1351.1	1358.9	1351.1	1323.7	1274.7	1197.3	1146.8
120°	1077.8	1120.9	1193.4	1240.4	1266.8	1274.7	1266.8	1240.4	1193.4	1120.9	1077.8
122.5°	1022.4	1062.1	1124.8	1166.9	1193.4	1200.2	1193.4	1166.9	1124.8	1062.1	1022.4
125°	977.8	1013.1	1067.9	1108.1	1129.7	1139.5	1129.7	1108.1	1067.9	1013.1	977.8
127.5°	939.6	972.9	1022.9	1059.1	1079.7	1083.6	1079.7	1059.1	1022.9	972.9	939.6
130°	900.9	932.7	981.7	1014.1	1033.7	1039.5	1033.7	1014.1	981.7	932.7	900.9
132.5°	859.2	889.6	938.6	970.9	988.6	995.4	988.6	970.9	938.6	889.6	859.2
135°	819.6	847.5	890.6	922.9	940.6	946.5	940.6	922.9	890.6	847.5	819.6
137.5°	777.9	802.4	841.6	872.0	888.6	895.5	888.6	872.0	841.6	802.4	777.9
140°	739.7	760.3	796.6	822.0	836.7	841.6	836.7	822.0	796.6	760.3	739.7
142.5°	706.9	724.0	753.4	774.0	787.7	791.7	787.7	774.0	753.4	724.0	706.9
145°	678.5	691.7	715.2	731.9	742.7	746.6	742.7	731.9	715.2	691.7	678.5
147.5°	654.0	664.3	683.9	697.6	704.5	706.4	704.5	697.6	683.9	664.3	654.0
150°	633.9	642.7	657.4	669.2	673.1	674.1	673.1	669.2	657.4	642.7	633.9
152.5°	616.8	623.1	634.9	643.7	647.6	648.6	647.6	643.7	634.9	623.1	616.8
155°	600.1	605.5	615.3	622.2	625.1	626.1	625.1	622.2	615.3	605.5	600.1
157.5°	584.4	588.8	596.7	602.6	605.5	605.5	605.5	602.6	596.7	588.8	584.4
160°	568.8	572.2	579.0	583.9	585.9	584.9	585.9	583.9	579.0	572.2	568.8
162.5°	554.6	557.5	562.4	566.3	566.3	566.3	566.3	566.3	562.4	557.5	554.6
165°	540.3	542.8	546.7	548.7	548.7	548.7	548.7	548.7	546.7	542.8	540.3
167.5°	527.2	529.1	531.0	533.0	532.0	532.0	532.0	533.0	531.0	529.1	527.2
170°	514.4	515.4	517.3	518.3	518.3	517.3	518.3	518.3	517.3	515.4	514.4
172.5°	504.1	504.6	504.6	506.5	504.6	503.6	504.6	506.5	504.6	504.6	504.1
175°	494.8	494.8	494.8	495.8	493.8	492.8	493.8	495.8	494.8	494.8	494.8
177.5°	488.9	488.9	487.9	488.9	486.0	486.0	486.0	488.9	487.9	488.9	488.9
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5	525.5
2.5°	499.2	496.5	499.7	495.7	496.5	501.4	501.0	505.5	508.1	507.7	509.9
5°	466.2	466.2	467.5	467.1	471.6	475.6	480.9	485.4	490.3	493.0	496.1
7.5°	433.6	438.1	439.0	441.2	446.6	453.3	458.6	465.3	472.5	477.4	480.9
10°	406.9	410.4	414.0	415.8	421.6	430.5	438.1	448.8	457.7	463.1	468.0
12.5°	383.2	387.2	389.0	397.1	401.1	406.9	417.6	429.2	439.0	444.8	448.8
15°	366.3	368.5	372.5	377.4	381.4	388.6	397.5	410.4	419.8	424.7	438.5
17.5°	352.0	354.7	356.9	359.1	365.4	373.0	381.4	392.6	404.6	413.1	420.3
20°	337.3	338.6	341.3	344.9	349.3	356.5	364.0	375.6	386.3	393.0	402.4
22.5°	319.9	323.9	326.6	329.2	334.2	342.2	349.3	357.8	371.2	378.8	388.6
25°	309.6	311.4	313.2	316.3	319.9	327.0	335.0	344.0	354.7	362.7	371.2
27.5°	296.2	298.9	301.1	305.2	307.4	313.2	320.8	329.7	342.6	349.3	356.5
30°	285.1	287.8	289.5	291.3	294.4	300.7	307.8	315.0	327.0	335.5	342.6
32.5°	273.9	276.6	278.8	280.2	283.3	287.3	293.1	302.0	312.3	318.1	327.5
35°	264.1	264.1	266.8	268.6	271.2	274.8	280.2	286.9	297.6	305.2	313.6
37.5°	253.0	253.4	255.6	257.0	259.6	263.2	268.6	274.8	283.7	289.5	298.0
40°	241.4	242.7	243.6	245.8	248.9	250.3	255.6	262.8	271.7	277.0	284.2
42.5°	229.8	230.6	232.9	234.7	237.3	239.6	243.1	249.8	256.5	264.6	270.4
45°	216.8	219.0	220.4	223.5	224.8	227.1	230.6	236.0	244.0	248.9	255.6
47.5°	205.7	206.6	207.5	211.5	214.1	215.5	219.0	222.2	230.6	235.1	241.4
50°	193.6	193.6	195.0	196.7	199.9	202.5	205.7	209.2	215.9	220.4	226.6
52.5°	182.5	181.1	182.0	182.9	186.0	188.7	191.8	196.7	203.0	205.7	211.0
55°	170.4	168.2	169.5	170.9	171.8	175.3	178.9	182.0	186.9	190.9	195.9
57.5°	157.5	157.0	156.1	156.6	158.8	161.1	163.7	167.7	173.5	176.7	179.3
60°	145.9	143.2	142.3	143.2	144.5	145.9	149.5	153.0	157.9	161.1	164.2
62.5°	133.8	131.2	129.4	128.0	129.4	132.5	134.7	137.4	141.4	145.0	147.7
65°	122.2	118.2	116.4	115.5	115.1	117.3	119.1	122.7	126.3	127.6	130.7
67.5°	109.3	105.7	103.5	102.2	102.2	102.2	103.9	107.5	111.1	111.5	114.7
70°	96.4	92.3	90.1	88.3	87.4	88.3	90.6	91.0	94.1	95.0	96.8
72.5°	82.5	79.0	76.3	74.1	74.5	75.4	75.4	76.3	78.1	80.3	80.3
75°	69.6	64.7	63.4	61.6	60.7	60.7	60.7	62.5	63.8	65.6	65.1
77.5°	54.9	52.2	49.5	48.6	47.3	46.8	47.7	47.7	48.6	50.0	50.4
80°	42.4	39.3	37.5	36.6	34.8	34.4	34.8	34.8	36.1	35.7	36.1
82.5°	29.4	27.2	25.9	24.5	23.6	24.1	23.6	23.6	24.1	23.6	23.6
85°	17.0	16.5	15.6	15.2	14.7	13.8	14.7	14.3	13.8	13.4	14.3
87.5°	8.0	7.6	7.6	6.7	6.7	6.2	6.7	6.7	6.2	6.2	6.2
90°	19.6	18.6	17.6	16.7	15.7	13.7	12.7	10.8	9.8	8.8	7.8
92.5°	113.7	152.8	212.6	315.5	390.9	397.8	276.3	164.6	98.0	80.4	62.7
95°	435.0	555.5	704.5	849.5	868.1	708.4	438.0	222.4	117.6	95.6	73.5
97.5°	770.1	891.6	1010.1	1061.1	937.6	649.6	357.6	192.0	119.5	103.4	87.2
100°	1056.2	1157.1	1205.1	1129.7	884.7	564.3	317.4	190.1	133.2	118.6	103.9
102.5°	1284.5	1319.7	1270.8	1088.5	791.7	499.7	300.8	198.9	149.9	135.7	121.5
105°	1404.0	1360.9	1226.7	991.5	710.3	462.4	298.8	211.6	168.5	154.8	141.1
107.5°	1417.7	1313.9	1136.5	899.4	649.6	442.9	305.7	229.3	187.1	174.8	162.6
110°	1358.9	1220.8	1034.6	823.0	609.4	435.0	316.5	248.9	208.7	196.0	183.2

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1268.8	1128.7	954.3	766.2	585.9	435.0	330.2	267.5	229.3	217.0	204.8
115°	1175.7	1041.5	889.6	728.0	570.2	438.0	343.9	287.1	250.8	238.6	226.3
117.5°	1096.4	978.8	844.6	702.5	561.4	442.9	359.6	306.7	272.4	260.6	248.9
120°	1034.6	926.9	809.3	681.9	555.5	450.7	375.3	328.2	293.9	281.6	269.4
122.5°	982.7	889.6	782.8	664.3	550.6	457.6	392.9	348.8	314.5	302.2	290.0
125°	942.5	857.3	757.4	648.6	546.7	465.4	408.6	366.4	334.1	321.4	308.6
127.5°	906.3	825.9	730.9	633.9	544.8	474.2	423.3	384.1	352.7	340.0	327.2
130°	869.1	792.6	706.4	619.2	542.8	482.0	438.0	400.7	370.4	357.6	344.9
132.5°	828.9	761.3	681.9	607.5	542.8	490.9	450.7	416.4	386.0	373.3	360.6
135°	791.7	728.9	661.3	598.6	542.8	498.7	462.4	430.1	399.7	386.5	373.3
137.5°	753.4	699.6	642.7	589.8	543.8	506.5	471.3	439.9	412.5	398.8	385.0
140°	719.1	674.1	628.0	583.9	544.8	511.4	480.1	450.7	422.3	409.0	395.8
142.5°	689.8	652.5	615.3	579.0	545.7	514.4	485.0	457.6	431.1	418.8	406.6
145°	665.3	634.9	604.5	574.1	544.8	516.3	489.9	465.4	439.9	428.6	417.4
147.5°	643.7	619.2	593.7	569.2	542.8	517.3	492.8	470.3	447.8	437.5	427.2
150°	625.1	606.5	584.9	563.4	539.9	517.3	495.8	475.2	453.6	445.3	437.0
152.5°	610.4	593.7	575.1	556.5	535.9	516.3	497.7	480.1	460.5	453.2	445.8
155°	594.7	581.0	565.3	548.7	531.0	514.4	498.7	483.0	466.4	459.6	452.7
157.5°	580.0	569.2	555.5	541.8	526.1	512.4	499.7	486.0	471.3	465.9	460.5
160°	565.3	555.5	545.7	533.0	521.2	509.5	499.7	487.9	475.2	470.8	466.4
162.5°	551.6	543.8	535.0	525.2	515.4	506.5	498.7	489.9	479.1	475.6	472.2
165°	537.9	532.0	525.2	517.3	509.5	503.6	497.7	489.9	482.0	479.1	476.2
167.5°	525.2	520.3	515.4	509.5	503.6	498.7	495.8	489.9	483.0	481.0	479.1
170°	513.4	510.5	507.5	502.6	498.7	495.8	493.8	489.9	485.0	483.5	482.0
172.5°	503.6	501.6	498.7	495.8	492.8	491.8	491.8	488.9	485.0	484.5	484.0
175°	494.8	492.8	492.8	489.9	488.9	488.9	489.9	487.9	485.0	485.0	485.0
177.5°	488.9	488.9	487.9	486.9	486.0	486.0	487.9	486.9	485.0	485.0	485.0
180°	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0	486.0

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	525.5	525.5	525.5	525.5
2.5°	513.0	517.5	520.6	526.4
5°	501.4	509.5	517.1	525.1
7.5°	489.9	499.2	511.3	521.5
10°	476.9	489.0	503.2	517.1
12.5°	464.0	478.3	493.9	512.2
15°	448.4	466.7	484.9	504.6
17.5°	434.5	453.3	472.9	497.4
20°	418.9	439.4	460.9	485.8
22.5°	405.1	427.8	450.1	476.5
25°	389.5	411.8	436.3	464.4
27.5°	376.5	397.1	421.1	451.5
30°	360.9	383.2	407.3	437.7
32.5°	346.2	367.6	393.0	422.9
35°	331.0	352.9	375.6	404.2
37.5°	316.8	335.5	358.2	385.5
40°	300.7	321.2	341.7	363.1
42.5°	286.0	304.7	323.9	340.8
45°	269.5	285.5	303.8	317.6
47.5°	254.3	268.6	282.8	293.6
50°	239.1	250.3	261.0	270.4
52.5°	221.3	233.8	239.6	245.4
55°	205.2	212.4	217.7	223.5
57.5°	189.6	192.7	195.4	200.8
60°	169.1	172.7	175.8	179.8
62.5°	151.2	153.0	153.9	157.9
65°	134.3	133.8	136.1	138.3
67.5°	116.0	115.5	117.8	118.7
70°	98.1	97.7	98.1	100.4
72.5°	81.2	81.2	81.6	82.5
75°	65.6	65.6	66.0	66.9
77.5°	49.5	50.4	50.0	51.8
80°	36.1	35.2	36.1	37.0
82.5°	23.6	24.5	24.5	23.6
85°	13.4	13.4	13.4	13.4
87.5°	5.8	5.8	6.2	6.7
90°	5.9	3.9	2.0	1.0
92.5°	42.1	27.4	17.6	14.7
95°	51.9	41.2	33.3	32.3
97.5°	67.6	56.8	50.9	50.0
100°	85.2	74.5	70.5	68.6
102.5°	104.8	93.1	90.1	89.2
105°	125.4	115.6	110.7	110.7
107.5°	146.0	138.1	133.2	131.3
110°	168.5	159.7	155.8	153.8

TEST NUMBER: P1027750

CATALOG NUMBER: S125DIP-B375D1090UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	190.1	181.3	178.3	176.4
115°	211.6	202.8	199.9	197.9
117.5°	232.2	223.4	220.4	217.5
120°	252.8	244.0	240.0	237.1
122.5°	271.4	262.6	259.6	257.7
125°	290.0	281.2	276.3	274.3
127.5°	307.6	296.9	291.0	288.1
130°	324.3	311.6	303.7	300.8
132.5°	339.0	324.3	314.5	310.6
135°	352.7	337.0	325.3	321.4
137.5°	364.5	348.8	338.0	335.1
140°	377.2	361.5	349.8	346.8
142.5°	389.0	373.3	362.5	360.6
145°	399.7	386.0	376.2	374.3
147.5°	411.5	398.8	389.9	389.0
150°	423.3	410.5	403.7	401.7
152.5°	433.1	422.3	416.4	415.4
155°	442.9	433.1	427.2	427.2
157.5°	451.7	442.9	438.0	438.0
160°	458.5	451.7	447.8	448.7
162.5°	466.4	460.5	456.6	457.6
165°	472.2	467.3	464.4	466.4
167.5°	476.2	473.2	471.3	472.2
170°	480.1	478.1	477.1	478.1
172.5°	483.0	481.1	480.1	482.0
175°	485.0	484.0	483.0	485.0
177.5°	486.0	485.0	485.0	486.9
180°	486.0	486.0	486.0	486.0

(END OF REPORT)