

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: P1027912

Luminaire Tested: S125DIP-B375D610UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027912
REPORT IS A COMBINATION OF REPORTS P1002043 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D610UB40-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

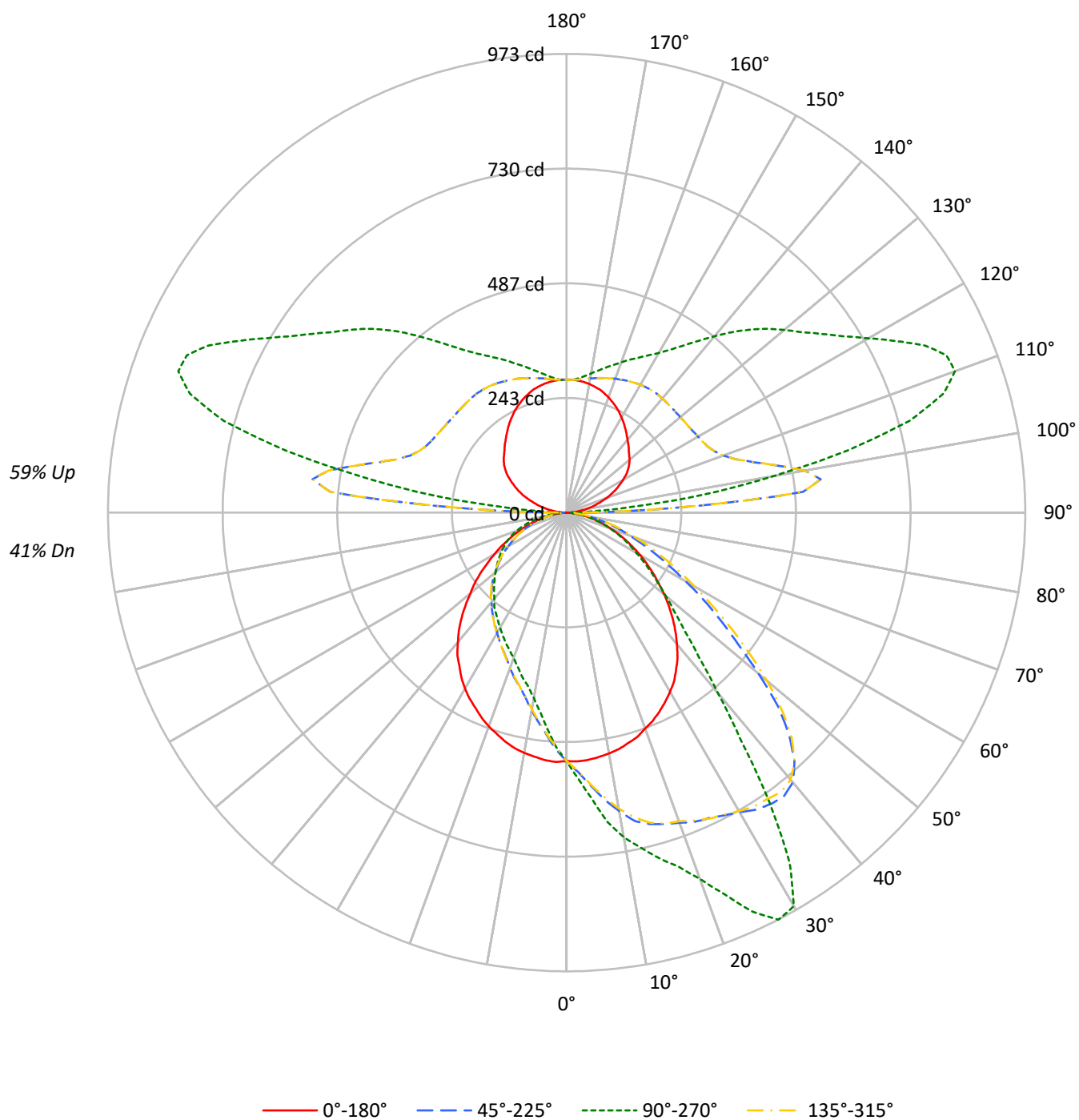
Lumens per Lamp: N/A
Luminaire Lumens: 3605.0 lumens
Efficiency: N/A
Efficacy: 126.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 28.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	105	105	105	105	96	96	96	96	78	78	78	63	63	63	48	48	48
1	96	92	88	85	87	84	81	78	69	67	65	55	54	53	43	42	41
2	88	80	74	69	80	74	68	64	61	57	54	49	46	44	38	36	35
3	80	71	64	58	73	65	59	54	54	49	45	43	40	37	34	32	30
4	73	63	55	49	66	57	51	46	48	43	39	39	35	32	30	28	26
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	27	25	22
6	62	50	42	36	56	46	39	34	38	33	29	31	27	24	25	22	20
7	57	45	37	32	52	42	35	30	35	29	26	28	25	22	23	20	18
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14
10	46	34	27	22	42	32	25	21	27	22	18	22	18	16	18	15	13

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5157 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	1.4
10°-20°	151.1	4.2
20°-30°	245.4	6.8
30°-40°	299.9	8.3
40°-50°	272.0	7.5
50°-60°	216.7	6.0
60°-70°	150.9	4.2
70°-80°	80.4	2.2
80°-90°	21.1	0.6
90°-100°	205.0	5.7
100°-110°	442.1	12.3
110°-120°	412.2	11.4
120°-130°	333.8	9.3
130°-140°	268.0	7.4
140°-150°	202.2	5.6
150°-160°	142.4	3.9
160°-170°	83.9	2.3
170°-180°	27.3	0.8
0°-30°	447.2	12.4
0°-40°	747.1	20.7
0°-60°	1235.8	34.3
0°-90°	1488.1	41.3
90°-120°	1059.3	29.4
90°-150°	1863.3	51.7
90°-180°	2117.0	58.7
0°-180°	3605.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	608	527	461	526	50
15°	506	759	503	361	506	143
25°	466	934	457	305	466	214
35°	405	750	397	261	405	253
45°	318	353	315	217	318	245
55°	224	218	222	177	224	200
65°	139	134	136	137	139	138
75°	67	66	66	84	67	71
85°	13	15	13	21	13	16
90°	1	13	1	13	1	2
95°	19	134	19	134	19	20
105°	64	753	64	753	64	68
115°	115	839	115	839	115	113
125°	159	661	159	661	159	141
135°	186	549	186	549	186	145
145°	217	433	217	433	217	136
155°	248	363	248	363	248	114
165°	270	318	270	318	270	76
175°	281	286	281	286	281	27
180°	282	282	282	282	282	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	527.9	531.0	534.6	537.2	541.7	543.1	545.3	546.6	548.0	549.3	550.2
5°	526.5	534.1	540.8	545.7	554.2	557.4	561.4	566.3	572.1	577.1	580.2
7.5°	522.9	535.0	544.0	553.8	565.4	573.0	577.1	587.3	596.7	603.9	613.3
10°	518.5	532.8	546.6	561.4	578.0	586.5	594.5	608.8	621.8	633.4	642.8
12.5°	513.5	531.0	547.5	566.8	589.1	599.4	604.8	629.4	645.5	651.8	670.1
15°	505.9	526.5	550.2	573.9	592.7	604.8	619.6	639.2	655.3	669.2	684.0
17.5°	498.8	521.1	545.3	571.7	599.0	614.6	625.8	643.3	660.7	678.6	692.5
20°	487.1	516.2	540.8	569.0	601.2	612.4	624.0	644.6	663.4	682.6	700.1
22.5°	477.8	505.5	539.0	565.9	593.2	604.3	618.7	640.1	662.5	684.4	709.9
25°	465.7	496.5	525.6	554.2	582.4	594.5	607.5	635.2	658.5	686.7	714.8
27.5°	452.7	484.5	513.5	539.5	565.9	582.4	596.3	625.4	656.2	687.1	723.8
30°	438.8	468.8	496.5	522.0	551.1	568.1	582.0	616.0	650.4	689.8	733.6
32.5°	424.1	452.3	476.0	501.9	532.8	548.4	567.2	604.3	645.1	692.0	747.0
35°	405.3	432.1	453.1	479.5	510.4	530.5	550.2	591.8	639.2	691.6	754.7
37.5°	386.5	407.5	427.7	455.8	491.6	510.0	530.5	576.2	630.3	690.2	757.8
40°	364.1	384.7	402.2	430.8	468.4	489.4	510.9	558.7	620.0	685.3	746.6
42.5°	341.8	359.2	378.4	408.4	444.6	467.0	489.8	543.1	606.6	671.0	715.7
45°	318.5	331.9	352.9	380.2	418.7	440.2	466.1	523.8	587.8	645.1	667.4
47.5°	294.3	307.8	327.4	353.8	391.9	417.4	442.0	499.7	564.1	608.4	608.4
50°	271.1	281.8	301.1	327.4	365.9	389.2	414.2	475.5	527.4	560.1	531.0
52.5°	246.0	258.1	274.2	301.9	340.0	361.0	388.3	440.6	489.8	503.2	458.5
55°	224.1	234.0	249.2	275.6	310.9	332.8	356.1	406.2	447.8	446.9	399.0
57.5°	201.3	209.4	225.5	249.6	282.3	301.9	325.2	368.6	402.6	390.5	345.3
60°	180.3	186.1	201.7	221.4	252.7	271.1	293.5	328.8	354.7	337.7	292.1
62.5°	158.4	165.1	177.6	196.8	224.6	239.3	255.9	291.7	308.2	293.0	246.5
65°	138.7	144.0	155.2	171.3	196.4	209.8	224.1	253.6	269.3	247.4	208.9
67.5°	119.0	125.3	133.3	147.6	167.3	179.8	192.4	217.9	225.0	205.3	173.1
70°	100.6	106.0	113.6	123.9	140.5	151.6	161.0	182.1	187.0	168.6	143.1
72.5°	82.8	86.3	92.6	101.1	116.3	122.6	132.4	146.7	153.0	136.4	118.1
75°	67.1	69.8	73.8	80.1	90.4	97.1	105.1	118.5	118.1	106.5	93.5
77.5°	51.9	52.3	56.8	62.6	68.9	74.7	78.7	88.1	89.0	81.9	71.1
80°	37.1	38.5	40.3	44.7	50.1	52.3	57.3	63.1	64.0	58.6	51.4
82.5°	23.7	24.6	25.9	28.6	32.2	34.9	37.6	39.8	42.0	38.9	33.1
85°	13.4	13.9	15.2	16.1	17.9	19.2	21.5	23.7	23.3	21.0	19.2
87.5°	6.7	6.7	6.7	7.6	8.5	8.5	9.4	9.8	10.3	9.4	8.5
90°	0.6	1.1	2.3	3.4	4.5	5.1	5.7	6.3	7.4	8.0	9.1
92.5°	8.5	10.2	15.9	24.4	36.4	46.6	56.8	95.5	160.2	230.7	226.7
95°	18.8	19.3	23.9	30.1	42.6	55.4	68.2	129.0	254.0	410.8	503.4
97.5°	29.0	29.5	33.0	39.2	50.6	60.0	69.3	111.4	207.4	376.7	543.8
100°	39.8	40.9	43.2	49.4	60.2	68.8	77.3	110.2	184.1	327.3	513.1
102.5°	51.7	52.3	54.0	60.8	70.5	78.7	86.9	115.3	174.4	289.8	459.1
105°	64.2	64.2	67.1	72.7	81.8	89.8	97.7	122.7	173.3	268.2	412.0
107.5°	76.1	77.3	80.1	84.7	94.3	101.4	108.5	133.0	177.3	256.8	376.7
110°	89.2	90.3	92.6	97.7	106.3	113.6	121.0	144.3	183.5	252.3	353.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	102.3	103.4	105.1	110.2	118.8	125.9	133.0	155.1	191.5	252.3	339.8
115°	114.8	115.9	117.6	122.7	131.3	138.4	145.5	166.5	199.4	254.0	330.7
117.5°	126.1	127.8	129.6	134.7	144.3	151.2	158.0	177.9	208.5	256.8	325.6
120°	137.5	139.2	141.5	146.6	156.3	163.4	170.5	190.4	217.6	261.4	322.2
122.5°	149.4	150.6	152.3	157.4	168.2	175.3	182.4	202.3	227.9	265.4	319.3
125°	159.1	160.2	163.1	168.2	179.0	186.4	193.8	212.5	236.9	269.9	317.1
127.5°	167.1	168.8	172.2	178.4	189.8	197.2	204.6	222.7	245.5	275.0	315.9
130°	174.4	176.1	180.7	188.1	200.0	207.4	214.8	232.4	254.0	279.6	314.8
132.5°	180.1	182.4	188.1	196.6	209.1	216.5	223.9	241.5	261.4	284.7	314.8
135°	186.4	188.6	195.5	204.6	216.5	224.2	231.8	249.4	268.2	289.2	314.8
137.5°	194.3	196.0	202.3	211.4	223.3	231.2	239.2	255.1	273.3	293.8	315.4
140°	201.2	202.9	209.7	218.8	229.6	237.2	244.9	261.4	278.4	296.6	315.9
142.5°	209.1	210.2	216.5	225.6	235.8	242.9	250.0	265.4	281.3	298.3	316.5
145°	217.1	218.2	223.9	231.8	242.1	248.6	255.1	269.9	284.1	299.5	315.9
147.5°	225.6	226.2	231.3	238.7	247.7	253.7	259.7	272.7	285.8	300.0	314.8
150°	233.0	234.1	238.1	245.5	253.4	258.2	263.1	275.6	287.5	300.0	313.1
152.5°	240.9	241.5	244.9	251.2	258.5	262.8	267.1	278.4	288.7	299.5	310.8
155°	247.7	247.7	251.2	256.8	262.5	266.5	270.5	280.1	289.2	298.3	308.0
157.5°	254.0	254.0	256.8	262.0	267.1	270.2	273.3	281.8	289.8	297.2	305.1
160°	260.2	259.7	262.0	265.9	270.5	273.0	275.6	283.0	289.8	295.5	302.3
162.5°	265.4	264.8	267.1	270.5	273.9	275.9	277.9	284.1	289.2	293.8	298.9
165°	270.5	269.3	271.0	273.9	276.2	277.9	279.6	284.1	288.7	292.1	295.5
167.5°	273.9	273.3	274.5	276.2	277.9	279.0	280.1	284.1	287.5	289.2	292.1
170°	277.3	276.7	277.3	278.4	279.6	280.5	281.3	284.1	286.4	287.5	289.2
172.5°	279.6	278.4	279.0	280.1	280.7	281.0	281.3	283.5	285.2	285.2	285.8
175°	281.3	280.1	280.7	281.3	281.3	281.3	281.3	283.0	284.1	283.5	283.5
177.5°	282.4	281.3	281.3	281.8	281.3	281.3	281.3	282.4	283.0	281.8	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	551.1	554.2	556.9	559.2	561.0	563.6	561.9	562.3	563.2	565.0	565.0
5°	586.9	591.8	594.5	603.5	605.7	605.2	603.9	611.1	610.6	607.9	607.5
7.5°	621.8	630.3	637.9	645.1	647.3	653.1	654.4	657.6	656.7	661.2	658.9
10°	653.6	667.0	674.1	684.9	687.6	690.2	693.8	695.6	699.6	699.2	699.2
12.5°	678.2	694.3	703.7	706.3	716.6	719.8	722.9	728.7	727.4	727.8	730.5
15°	697.4	713.0	721.1	733.6	740.8	744.4	749.7	756.0	755.1	759.1	758.2
17.5°	711.7	726.5	741.2	760.0	760.5	769.9	782.4	785.1	790.9	786.9	786.9
20°	723.3	743.0	764.0	788.2	790.9	796.7	811.9	822.2	828.9	826.7	828.0
22.5°	735.9	764.0	788.6	812.8	825.8	836.1	850.8	866.9	872.7	876.3	875.4
25°	752.0	781.5	817.7	851.3	864.7	884.4	904.1	919.7	924.2	934.0	925.1
27.5°	768.5	810.1	855.3	894.7	911.7	927.8	951.5	963.1	968.9	973.4	970.3
30°	782.4	839.6	888.9	925.1	937.2	946.6	960.0	962.7	960.4	964.0	968.5
32.5°	803.9	859.8	901.4	918.8	917.5	917.0	906.7	892.4	889.3	880.8	892.4
35°	815.5	860.2	876.3	853.1	843.7	826.7	794.0	772.5	753.8	749.7	750.6
37.5°	808.8	826.2	807.0	745.7	730.5	704.5	661.2	630.7	616.9	606.1	620.0
40°	772.5	753.3	700.5	625.8	603.9	579.3	538.6	522.0	502.4	498.3	516.7
42.5°	712.6	654.0	579.3	521.6	498.8	484.9	450.9	435.3	421.4	415.1	425.4
45°	631.2	560.1	484.9	437.5	418.3	401.7	381.6	365.0	356.1	353.4	361.9
47.5°	547.1	471.9	412.0	376.7	356.5	344.0	325.2	315.8	308.7	309.6	310.9
50°	466.6	398.1	352.1	316.7	306.9	297.0	284.5	276.5	272.9	274.2	273.3
52.5°	397.2	341.8	302.8	275.6	271.1	261.7	251.4	244.7	243.3	243.8	245.1
55°	336.4	293.0	262.1	242.5	237.5	230.8	224.6	220.1	216.5	217.9	217.4
57.5°	290.3	252.3	228.6	212.5	208.9	204.9	199.1	196.8	195.5	192.8	195.0
60°	249.6	218.7	198.2	188.3	185.2	182.5	176.2	173.6	172.7	171.3	174.9
62.5°	211.1	189.2	173.6	164.6	161.5	158.8	155.7	153.4	153.9	152.1	153.9
65°	180.7	162.8	151.6	143.6	139.6	137.8	137.3	133.8	133.3	133.8	134.2
67.5°	152.5	137.3	128.8	123.9	120.8	119.0	117.6	115.4	117.2	115.9	116.8
70°	127.0	116.8	107.8	102.9	101.5	102.0	99.8	98.9	99.3	98.4	99.3
72.5°	102.4	93.9	90.4	86.8	85.0	84.5	83.2	81.9	83.2	82.8	82.8
75°	81.9	75.6	71.6	69.3	69.3	68.4	66.2	66.2	66.2	65.8	66.2
77.5°	63.1	57.7	55.9	53.7	53.7	52.3	51.9	51.9	51.0	52.3	51.4
80°	47.0	42.9	40.3	38.9	38.9	38.5	37.6	37.1	37.6	37.1	37.1
82.5°	30.4	28.6	27.3	25.9	25.5	25.9	25.5	24.6	25.1	24.6	25.5
85°	17.4	15.7	15.7	14.8	15.2	14.3	14.8	13.9	13.4	14.8	13.9
87.5°	7.6	7.2	7.2	6.3	6.3	6.3	5.8	6.3	5.8	5.4	5.8
90°	9.7	10.2	10.8	11.4	12.0	12.5	12.5	12.5	13.1	13.1	13.1
92.5°	183.0	123.3	88.6	65.9	60.5	55.1	46.0	44.3	43.2	42.0	43.2
95°	492.6	408.6	322.2	252.3	228.4	204.6	164.2	147.2	142.6	133.5	142.6
97.5°	615.4	585.8	517.1	446.6	412.5	378.4	344.3	314.8	299.5	292.6	299.5
100°	655.2	698.9	671.1	612.5	583.0	553.4	514.2	473.3	452.3	443.2	452.3
102.5°	631.3	737.0	765.4	744.9	727.3	709.7	667.1	641.0	617.7	611.4	617.7
105°	575.0	711.4	789.3	814.3	811.2	808.0	789.8	771.1	759.7	752.9	759.7
107.5°	521.6	659.1	762.0	822.2	834.7	847.2	852.3	849.5	843.8	838.1	843.8
110°	477.3	600.0	708.0	788.1	812.2	836.4	862.0	872.8	876.8	876.8	876.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	444.3	553.4	654.6	735.8	765.3	794.9	835.3	855.7	867.1	872.2	867.1
115°	422.2	515.9	604.0	681.9	712.8	743.8	788.1	815.4	831.3	838.7	831.3
117.5°	407.4	489.8	567.7	635.8	665.1	694.4	739.3	767.7	783.6	788.1	783.6
120°	395.5	469.4	537.5	600.0	625.0	650.0	692.1	719.4	734.7	739.3	734.7
122.5°	385.3	454.0	515.9	569.9	593.0	616.0	652.3	676.8	692.1	696.1	692.1
125°	376.2	439.2	497.2	546.6	567.0	587.5	619.4	642.7	655.2	660.8	655.2
127.5°	367.6	423.9	479.0	525.6	544.9	564.2	593.2	614.2	626.2	628.5	626.2
130°	359.1	409.7	459.7	504.0	522.4	540.9	569.4	588.1	599.5	602.9	599.5
132.5°	352.3	395.5	441.5	480.7	498.3	515.9	544.4	563.1	573.3	577.3	573.3
135°	347.2	383.5	422.8	459.1	475.3	491.5	516.5	535.3	545.5	548.9	545.5
137.5°	342.1	372.8	405.7	437.0	451.2	465.4	488.1	505.7	515.4	519.4	515.4
140°	338.7	364.2	390.9	417.1	429.0	440.9	462.0	476.7	485.3	488.1	485.3
142.5°	335.8	356.8	378.4	400.0	410.0	419.9	437.0	448.9	456.9	459.1	456.9
145°	333.0	350.6	368.2	385.8	393.5	401.2	414.8	424.5	430.7	433.0	430.7
147.5°	330.1	344.3	359.1	373.3	379.3	385.3	396.6	404.6	408.6	409.7	408.6
150°	326.7	339.2	351.7	362.5	367.6	372.8	381.3	388.1	390.4	390.9	390.4
152.5°	322.7	333.5	344.3	354.0	357.7	361.4	368.2	373.3	375.6	376.2	375.6
155°	318.2	327.9	337.0	344.9	348.0	351.2	356.8	360.8	362.5	363.1	362.5
157.5°	314.2	322.2	330.1	336.4	339.0	341.5	346.0	349.5	351.2	351.2	351.2
160°	309.1	316.5	322.2	327.9	329.8	331.8	335.8	338.7	339.8	339.2	339.8
162.5°	304.6	310.2	315.4	319.9	321.6	323.3	326.2	328.4	328.4	328.4	328.4
165°	300.0	304.6	308.5	312.0	313.4	314.8	317.1	318.2	318.2	318.2	318.2
167.5°	295.5	298.9	301.7	304.6	305.7	306.8	308.0	309.1	308.5	308.5	308.5
170°	291.5	294.3	296.0	297.7	298.3	298.9	300.0	300.6	300.6	300.0	300.6
172.5°	287.5	289.2	290.9	292.1	292.4	292.6	292.6	293.8	292.6	292.1	292.6
175°	284.1	285.8	285.8	287.0	287.0	287.0	287.0	287.5	286.4	285.8	286.4
177.5°	282.4	283.0	283.5	283.5	283.5	283.5	283.0	283.5	281.8	281.8	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	564.1	561.0	561.9	561.0	558.7	557.4	553.8	549.3	547.5	545.3	544.0
5°	609.3	607.0	606.6	603.0	602.1	596.7	587.8	583.3	578.0	572.6	567.2
7.5°	658.5	655.8	646.8	645.5	646.4	639.7	628.1	619.1	607.9	600.3	590.0
10°	699.2	693.8	686.2	686.7	683.5	674.6	662.9	653.6	637.4	627.6	612.8
12.5°	723.8	719.3	718.4	713.9	711.3	699.6	685.8	673.7	661.6	648.2	637.0
15°	753.8	747.9	743.9	737.7	735.9	723.8	708.6	694.7	680.8	668.3	644.6
17.5°	786.9	780.6	765.4	764.0	753.3	741.7	726.9	706.3	691.6	673.7	656.2
20°	824.4	815.5	795.8	790.9	782.4	763.2	743.0	720.2	696.5	678.2	657.6
22.5°	866.5	850.8	836.5	820.9	814.6	790.9	763.2	735.4	706.8	681.7	657.1
25°	921.1	900.5	880.4	864.7	854.0	823.1	786.0	749.3	716.2	683.5	651.3
27.5°	964.0	946.1	924.2	903.6	889.7	853.1	810.6	763.2	722.0	682.2	647.7
30°	967.1	961.8	948.3	937.2	922.0	882.6	835.6	781.9	730.9	682.6	640.6
32.5°	908.5	919.3	925.1	926.9	923.7	900.9	858.0	798.9	739.0	678.6	634.3
35°	782.4	811.0	846.4	859.8	872.7	884.8	862.5	811.0	741.7	677.7	624.5
37.5°	644.2	670.1	728.7	755.5	770.8	818.6	837.0	809.2	747.0	678.6	615.1
40°	519.8	561.0	603.0	639.2	662.9	716.6	773.4	779.7	739.4	670.1	603.0
42.5°	437.5	461.6	493.4	527.0	548.0	611.5	688.4	733.6	715.7	656.2	588.2
45°	372.6	390.5	420.5	431.7	458.5	519.4	600.8	666.1	675.0	634.3	571.2
47.5°	319.8	335.1	354.3	368.2	389.6	435.3	504.1	576.2	619.1	604.3	547.5
50°	281.8	294.3	310.4	318.5	332.4	373.5	425.4	497.0	554.7	559.6	516.7
52.5°	250.1	257.2	269.7	278.7	289.9	314.9	361.9	420.9	485.8	512.6	478.6
55°	222.3	228.1	239.3	245.1	251.0	272.4	309.1	362.8	423.6	459.0	439.7
57.5°	197.3	202.2	211.6	217.0	220.1	240.7	268.8	310.9	365.5	408.4	397.7
60°	176.7	181.2	186.5	190.6	194.1	211.1	230.8	264.8	313.6	355.2	352.5
62.5°	154.8	158.8	164.6	168.6	171.8	182.5	199.1	225.0	266.6	305.1	312.7
65°	135.5	138.7	142.7	144.5	148.5	156.6	170.0	193.2	227.2	261.7	267.1
67.5°	118.1	119.0	121.7	125.7	126.6	133.8	145.8	163.3	189.7	217.9	226.4
70°	99.3	100.6	102.9	106.0	107.8	112.3	122.6	134.2	157.0	181.6	187.9
72.5°	82.8	84.5	85.4	87.2	88.1	95.3	99.8	111.4	127.0	147.6	154.3
75°	67.1	68.9	69.3	70.2	71.1	74.3	80.5	87.7	100.6	114.1	123.0
77.5°	53.2	52.8	53.7	55.0	54.6	57.3	61.3	67.5	76.0	87.2	93.0
80°	37.6	37.6	38.9	40.3	39.8	42.5	43.8	48.3	55.5	62.6	64.9
82.5°	25.1	25.1	26.4	26.4	27.3	27.7	29.5	31.8	37.6	41.2	42.5
85°	14.3	14.3	14.8	14.8	14.8	15.7	17.0	17.9	19.7	21.9	22.8
87.5°	5.8	6.3	6.3	6.3	6.3	7.2	7.2	8.1	8.5	9.4	9.4
90°	12.5	12.5	12.5	12.0	11.4	10.8	10.2	9.7	9.1	8.0	7.4
92.5°	44.3	46.0	55.1	60.5	65.9	88.6	123.3	183.0	226.7	230.7	160.2
95°	147.2	164.2	204.6	228.4	252.3	322.2	408.6	492.6	503.4	410.8	254.0
97.5°	314.8	344.3	378.4	412.5	446.6	517.1	585.8	615.4	543.8	376.7	207.4
100°	473.3	514.2	553.4	583.0	612.5	671.1	698.9	655.2	513.1	327.3	184.1
102.5°	641.0	667.1	709.7	727.3	744.9	765.4	737.0	631.3	459.1	289.8	174.4
105°	771.1	789.8	808.0	811.2	814.3	789.3	711.4	575.0	412.0	268.2	173.3
107.5°	849.5	852.3	847.2	834.7	822.2	762.0	659.1	521.6	376.7	256.8	177.3
110°	872.8	862.0	836.4	812.2	788.1	708.0	600.0	477.3	353.4	252.3	183.5

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	855.7	835.3	794.9	765.3	735.8	654.6	553.4	444.3	339.8	252.3	191.5
115°	815.4	788.1	743.8	712.8	681.9	604.0	515.9	422.2	330.7	254.0	199.4
117.5°	767.7	739.3	694.4	665.1	635.8	567.7	489.8	407.4	325.6	256.8	208.5
120°	719.4	692.1	650.0	625.0	600.0	537.5	469.4	395.5	322.2	261.4	217.6
122.5°	676.8	652.3	616.0	593.0	569.9	515.9	454.0	385.3	319.3	265.4	227.9
125°	642.7	619.4	587.5	567.0	546.6	497.2	439.2	376.2	317.1	269.9	236.9
127.5°	614.2	593.2	564.2	544.9	525.6	479.0	423.9	367.6	315.9	275.0	245.5
130°	588.1	569.4	540.9	522.4	504.0	459.7	409.7	359.1	314.8	279.6	254.0
132.5°	563.1	544.4	515.9	498.3	480.7	441.5	395.5	352.3	314.8	284.7	261.4
135°	535.3	516.5	491.5	475.3	459.1	422.8	383.5	347.2	314.8	289.2	268.2
137.5°	505.7	488.1	465.4	451.2	437.0	405.7	372.8	342.1	315.4	293.8	273.3
140°	476.7	462.0	440.9	429.0	417.1	390.9	364.2	338.7	315.9	296.6	278.4
142.5°	448.9	437.0	419.9	410.0	400.0	378.4	356.8	335.8	316.5	298.3	281.3
145°	424.5	414.8	401.2	393.5	385.8	368.2	350.6	333.0	315.9	299.5	284.1
147.5°	404.6	396.6	385.3	379.3	373.3	359.1	344.3	330.1	314.8	300.0	285.8
150°	388.1	381.3	372.8	367.6	362.5	351.7	339.2	326.7	313.1	300.0	287.5
152.5°	373.3	368.2	361.4	357.7	354.0	344.3	333.5	322.7	310.8	299.5	288.7
155°	360.8	356.8	351.2	348.0	344.9	337.0	327.9	318.2	308.0	298.3	289.2
157.5°	349.5	346.0	341.5	339.0	336.4	330.1	322.2	314.2	305.1	297.2	289.8
160°	338.7	335.8	331.8	329.8	327.9	322.2	316.5	309.1	302.3	295.5	289.8
162.5°	328.4	326.2	323.3	321.6	319.9	315.4	310.2	304.6	298.9	293.8	289.2
165°	318.2	317.1	314.8	313.4	312.0	308.5	304.6	300.0	295.5	292.1	288.7
167.5°	309.1	308.0	306.8	305.7	304.6	301.7	298.9	295.5	292.1	289.2	287.5
170°	300.6	300.0	298.9	298.3	297.7	296.0	294.3	291.5	289.2	287.5	286.4
172.5°	293.8	292.6	292.6	292.4	292.1	290.9	289.2	287.5	285.8	285.2	285.2
175°	287.5	287.0	287.0	287.0	287.0	285.8	285.8	284.1	283.5	283.5	284.1
177.5°	283.5	283.0	283.5	283.5	283.5	283.5	283.0	282.4	281.8	281.8	283.0
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	542.2	539.9	537.2	537.2	534.1	532.8	530.1	529.2	527.0	523.4	520.7
5°	561.4	555.6	552.0	548.9	542.2	537.2	532.3	527.0	521.6	515.3	508.2
7.5°	580.2	569.5	564.5	559.2	549.3	539.0	529.2	522.0	514.9	505.0	496.1
10°	599.9	586.5	577.5	570.3	555.1	542.2	527.9	517.6	506.4	493.9	482.2
12.5°	616.4	599.0	591.4	578.0	560.5	544.9	527.0	511.3	496.5	481.8	467.5
15°	630.3	613.7	595.0	589.6	565.4	543.1	522.9	502.8	484.5	469.7	453.1
17.5°	634.8	613.7	604.3	591.4	562.7	539.5	514.0	492.1	474.6	452.7	439.7
20°	636.1	616.0	603.0	590.9	565.4	534.6	509.5	482.7	461.6	439.7	419.2
22.5°	632.5	608.8	596.3	584.7	556.0	529.6	500.6	471.0	446.4	426.3	405.7
25°	625.8	598.1	586.0	573.5	546.2	517.1	485.4	457.2	434.4	410.2	390.1
27.5°	616.9	585.1	571.2	558.3	531.4	504.1	474.2	445.1	419.6	394.1	375.3
30°	605.7	569.0	556.5	539.5	513.5	487.6	460.3	431.2	402.6	378.4	357.9
32.5°	591.4	552.9	536.4	520.2	492.1	468.4	442.4	415.1	387.4	363.7	342.2
35°	578.4	534.6	516.2	500.1	468.8	443.8	422.3	396.8	372.2	347.6	328.3
37.5°	561.0	516.2	494.3	477.8	446.0	420.5	400.4	380.7	354.7	331.0	313.1
40°	542.6	493.4	472.8	456.3	423.2	395.4	376.2	358.8	337.7	315.8	297.0
42.5°	526.1	471.5	449.6	429.4	395.9	371.3	351.6	338.2	318.9	299.3	282.3
45°	505.0	448.2	424.5	403.5	371.3	344.4	325.7	314.9	300.6	281.4	266.6
47.5°	483.6	423.2	398.6	378.0	343.1	319.4	301.1	290.8	280.9	265.7	251.0
50°	455.4	396.8	374.4	350.7	316.3	292.1	276.9	266.6	259.0	248.3	235.7
52.5°	424.5	369.5	345.3	324.8	290.8	268.8	251.4	245.6	238.0	229.9	219.2
55°	391.9	340.0	316.7	296.6	265.3	242.9	228.6	222.3	216.5	210.2	203.1
57.5°	359.2	309.1	287.2	269.3	240.2	218.7	207.1	198.6	194.6	191.0	185.2
60°	318.5	276.0	259.0	242.9	214.3	194.6	183.4	177.1	173.6	171.8	169.1
62.5°	282.7	247.8	229.0	213.4	190.6	173.1	162.4	157.5	154.3	153.4	150.3
65°	244.7	214.7	200.0	186.5	166.9	151.2	142.3	136.4	134.2	133.8	133.8
67.5°	208.9	184.7	170.0	160.6	143.6	129.7	121.2	119.0	117.6	115.9	115.4
70°	175.4	156.1	143.1	135.1	119.9	109.6	102.9	99.3	99.3	98.0	97.1
72.5°	145.8	126.6	118.1	111.4	98.9	89.9	85.0	84.1	81.0	80.5	80.5
75°	114.1	99.8	93.9	88.1	78.7	72.5	68.4	66.2	64.4	64.4	64.9
77.5°	85.9	76.0	70.7	66.2	59.5	55.5	52.3	51.4	49.7	49.7	49.7
80°	60.8	55.5	51.4	47.9	42.9	39.4	37.6	35.8	35.8	35.3	35.8
82.5°	39.4	34.9	32.7	32.2	27.7	26.4	24.2	24.6	23.3	22.8	23.7
85°	22.8	20.6	17.9	17.0	15.2	13.4	12.5	13.0	12.5	12.1	12.5
87.5°	8.9	7.6	7.2	7.2	5.8	5.4	4.9	5.4	4.5	4.5	4.9
90°	6.3	5.7	5.1	4.5	3.4	2.3	1.1	0.6	1.1	2.3	3.4
92.5°	95.5	56.8	46.6	36.4	24.4	15.9	10.2	8.5	10.2	15.9	24.4
95°	129.0	68.2	55.4	42.6	30.1	23.9	19.3	18.8	19.3	23.9	30.1
97.5°	111.4	69.3	60.0	50.6	39.2	33.0	29.5	29.0	29.5	33.0	39.2
100°	110.2	77.3	68.8	60.2	49.4	43.2	40.9	39.8	40.9	43.2	49.4
102.5°	115.3	86.9	78.7	70.5	60.8	54.0	52.3	51.7	52.3	54.0	60.8
105°	122.7	97.7	89.8	81.8	72.7	67.1	64.2	64.2	64.2	67.1	72.7
107.5°	133.0	108.5	101.4	94.3	84.7	80.1	77.3	76.1	77.3	80.1	84.7
110°	144.3	121.0	113.6	106.3	97.7	92.6	90.3	89.2	90.3	92.6	97.7

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	155.1	133.0	125.9	118.8	110.2	105.1	103.4	102.3	103.4	105.1	110.2
115°	166.5	145.5	138.4	131.3	122.7	117.6	115.9	114.8	115.9	117.6	122.7
117.5°	177.9	158.0	151.2	144.3	134.7	129.6	127.8	126.1	127.8	129.6	134.7
120°	190.4	170.5	163.4	156.3	146.6	141.5	139.2	137.5	139.2	141.5	146.6
122.5°	202.3	182.4	175.3	168.2	157.4	152.3	150.6	149.4	150.6	152.3	157.4
125°	212.5	193.8	186.4	179.0	168.2	163.1	160.2	159.1	160.2	163.1	168.2
127.5°	222.7	204.6	197.2	189.8	178.4	172.2	168.8	167.1	168.8	172.2	178.4
130°	232.4	214.8	207.4	200.0	188.1	180.7	176.1	174.4	176.1	180.7	188.1
132.5°	241.5	223.9	216.5	209.1	196.6	188.1	182.4	180.1	182.4	188.1	196.6
135°	249.4	231.8	224.2	216.5	204.6	195.5	188.6	186.4	188.6	195.5	204.6
137.5°	255.1	239.2	231.2	223.3	211.4	202.3	196.0	194.3	196.0	202.3	211.4
140°	261.4	244.9	237.2	229.6	218.8	209.7	202.9	201.2	202.9	209.7	218.8
142.5°	265.4	250.0	242.9	235.8	225.6	216.5	210.2	209.1	210.2	216.5	225.6
145°	269.9	255.1	248.6	242.1	231.8	223.9	218.2	217.1	218.2	223.9	231.8
147.5°	272.7	259.7	253.7	247.7	238.7	231.3	226.2	225.6	226.2	231.3	238.7
150°	275.6	263.1	258.2	253.4	245.5	238.1	234.1	233.0	234.1	238.1	245.5
152.5°	278.4	267.1	262.8	258.5	251.2	244.9	241.5	240.9	241.5	244.9	251.2
155°	280.1	270.5	266.5	262.5	256.8	251.2	247.7	247.7	247.7	251.2	256.8
157.5°	281.8	273.3	270.2	267.1	262.0	256.8	254.0	254.0	254.0	256.8	262.0
160°	283.0	275.6	273.0	270.5	265.9	262.0	259.7	260.2	259.7	262.0	265.9
162.5°	284.1	277.9	275.9	273.9	270.5	267.1	264.8	265.4	264.8	267.1	270.5
165°	284.1	279.6	277.9	276.2	273.9	271.0	269.3	270.5	269.3	271.0	273.9
167.5°	284.1	280.1	279.0	277.9	276.2	274.5	273.3	273.9	273.3	274.5	276.2
170°	284.1	281.3	280.5	279.6	278.4	277.3	276.7	277.3	276.7	277.3	278.4
172.5°	283.5	281.3	281.0	280.7	280.1	279.0	278.4	279.6	278.4	279.0	280.1
175°	283.0	281.3	281.3	281.3	281.3	280.7	280.1	281.3	280.1	280.7	281.3
177.5°	282.4	281.3	281.3	281.3	281.8	281.3	281.3	282.4	281.3	281.3	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	519.8	518.9	516.7	515.3	510.9	505.5	503.7	499.2	501.0	497.9	497.9
5°	505.9	501.9	499.2	495.2	486.7	480.9	474.6	471.5	469.7	467.5	465.7
7.5°	488.0	484.9	482.2	474.6	465.2	457.2	449.6	446.4	440.6	436.6	434.8
10°	472.4	467.9	461.6	452.7	442.9	432.6	425.9	419.2	414.7	412.4	407.5
12.5°	456.3	450.9	444.2	431.2	420.5	414.2	402.2	395.9	393.7	391.9	386.0
15°	439.7	433.9	425.9	413.8	404.4	389.6	382.5	377.5	372.2	371.7	367.3
17.5°	425.0	417.8	411.1	396.3	384.7	371.7	367.7	362.3	357.4	352.1	349.8
20°	406.2	399.5	394.5	378.4	365.5	357.4	350.7	346.2	343.1	337.7	336.8
22.5°	389.2	382.0	375.3	363.2	352.1	341.8	333.7	328.8	327.4	325.2	321.2
25°	372.6	365.5	357.4	346.2	334.6	327.4	320.3	317.2	314.5	310.9	307.8
27.5°	358.8	352.1	344.4	330.6	320.7	315.4	307.8	304.2	300.6	298.8	297.5
30°	342.2	334.6	328.8	318.1	307.3	300.2	294.8	291.7	288.5	286.7	285.8
32.5°	326.1	318.9	314.9	303.3	294.8	286.3	282.3	280.0	278.2	276.5	274.7
35°	313.1	306.0	299.7	289.0	280.5	274.7	271.5	268.0	266.6	264.8	264.8
37.5°	297.0	291.7	285.4	275.1	267.5	263.0	260.3	255.9	255.4	254.5	253.2
40°	283.2	277.8	272.0	263.0	256.3	251.0	247.4	245.1	243.8	242.9	242.0
42.5°	268.4	262.6	259.9	249.6	243.8	238.4	236.6	234.4	234.0	232.2	229.9
45°	254.1	249.2	243.8	236.2	231.3	226.8	224.1	222.3	220.1	219.6	218.3
47.5°	241.6	235.7	230.8	223.7	218.3	214.7	212.5	210.2	208.5	207.1	205.8
50°	225.5	221.0	217.0	209.4	204.9	201.3	198.2	196.4	194.6	194.6	194.6
52.5°	209.8	205.8	202.2	196.8	191.5	188.3	184.7	183.4	182.5	181.2	182.5
55°	194.6	190.6	187.0	183.0	176.7	174.0	170.4	169.1	169.5	169.5	170.9
57.5°	178.5	175.4	173.1	168.2	162.4	159.7	157.5	156.1	156.1	157.9	158.4
60°	162.8	159.7	155.7	151.2	147.6	144.5	143.1	143.6	143.6	144.5	146.7
62.5°	145.4	143.6	141.4	135.1	132.9	130.6	128.8	130.2	129.7	132.0	135.1
65°	129.3	127.5	124.4	121.2	118.5	116.3	115.9	116.3	117.2	119.4	123.0
67.5°	111.4	111.4	108.7	106.0	103.8	101.5	102.0	102.4	103.3	106.0	111.4
70°	96.6	94.8	92.2	90.4	88.6	87.7	86.8	88.6	91.3	93.0	97.1
72.5°	80.5	79.2	76.9	75.2	74.7	73.8	73.4	74.3	76.9	80.1	84.5
75°	63.5	64.0	62.6	61.3	61.3	59.9	60.8	60.8	63.5	66.7	70.2
77.5°	49.2	48.8	48.3	47.4	47.0	47.0	47.0	47.9	50.5	52.3	55.9
80°	34.9	35.3	34.0	34.4	34.0	34.4	34.4	36.2	37.6	39.8	42.5
82.5°	23.3	23.3	22.4	22.8	22.8	22.8	23.3	24.2	25.9	27.7	29.5
85°	13.0	13.4	12.5	13.4	13.4	13.4	13.9	14.3	15.7	16.1	17.9
87.5°	4.9	5.8	5.8	4.9	5.4	5.8	6.3	5.8	6.7	7.6	8.1
90°	4.5	5.1	5.7	6.3	7.4	8.0	9.1	9.7	10.2	10.8	11.4
92.5°	36.4	46.6	56.8	95.5	160.2	230.7	226.7	183.0	123.3	88.6	65.9
95°	42.6	55.4	68.2	129.0	254.0	410.8	503.4	492.6	408.6	322.2	252.3
97.5°	50.6	60.0	69.3	111.4	207.4	376.7	543.8	615.4	585.8	517.1	446.6
100°	60.2	68.8	77.3	110.2	184.1	327.3	513.1	655.2	698.9	671.1	612.5
102.5°	70.5	78.7	86.9	115.3	174.4	289.8	459.1	631.3	737.0	765.4	744.9
105°	81.8	89.8	97.7	122.7	173.3	268.2	412.0	575.0	711.4	789.3	814.3
107.5°	94.3	101.4	108.5	133.0	177.3	256.8	376.7	521.6	659.1	762.0	822.2
110°	106.3	113.6	121.0	144.3	183.5	252.3	353.4	477.3	600.0	708.0	788.1

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	118.8	125.9	133.0	155.1	191.5	252.3	339.8	444.3	553.4	654.6	735.8
115°	131.3	138.4	145.5	166.5	199.4	254.0	330.7	422.2	515.9	604.0	681.9
117.5°	144.3	151.2	158.0	177.9	208.5	256.8	325.6	407.4	489.8	567.7	635.8
120°	156.3	163.4	170.5	190.4	217.6	261.4	322.2	395.5	469.4	537.5	600.0
122.5°	168.2	175.3	182.4	202.3	227.9	265.4	319.3	385.3	454.0	515.9	569.9
125°	179.0	186.4	193.8	212.5	236.9	269.9	317.1	376.2	439.2	497.2	546.6
127.5°	189.8	197.2	204.6	222.7	245.5	275.0	315.9	367.6	423.9	479.0	525.6
130°	200.0	207.4	214.8	232.4	254.0	279.6	314.8	359.1	409.7	459.7	504.0
132.5°	209.1	216.5	223.9	241.5	261.4	284.7	314.8	352.3	395.5	441.5	480.7
135°	216.5	224.2	231.8	249.4	268.2	289.2	314.8	347.2	383.5	422.8	459.1
137.5°	223.3	231.2	239.2	255.1	273.3	293.8	315.4	342.1	372.8	405.7	437.0
140°	229.6	237.2	244.9	261.4	278.4	296.6	315.9	338.7	364.2	390.9	417.1
142.5°	235.8	242.9	250.0	265.4	281.3	298.3	316.5	335.8	356.8	378.4	400.0
145°	242.1	248.6	255.1	269.9	284.1	299.5	315.9	333.0	350.6	368.2	385.8
147.5°	247.7	253.7	259.7	272.7	285.8	300.0	314.8	330.1	344.3	359.1	373.3
150°	253.4	258.2	263.1	275.6	287.5	300.0	313.1	326.7	339.2	351.7	362.5
152.5°	258.5	262.8	267.1	278.4	288.7	299.5	310.8	322.7	333.5	344.3	354.0
155°	262.5	266.5	270.5	280.1	289.2	298.3	308.0	318.2	327.9	337.0	344.9
157.5°	267.1	270.2	273.3	281.8	289.8	297.2	305.1	314.2	322.2	330.1	336.4
160°	270.5	273.0	275.6	283.0	289.8	295.5	302.3	309.1	316.5	322.2	327.9
162.5°	273.9	275.9	277.9	284.1	289.2	293.8	298.9	304.6	310.2	315.4	319.9
165°	276.2	277.9	279.6	284.1	288.7	292.1	295.5	300.0	304.6	308.5	312.0
167.5°	277.9	279.0	280.1	284.1	287.5	289.2	292.1	295.5	298.9	301.7	304.6
170°	279.6	280.5	281.3	284.1	286.4	287.5	289.2	291.5	294.3	296.0	297.7
172.5°	280.7	281.0	281.3	283.5	285.2	285.2	285.8	287.5	289.2	290.9	292.1
175°	281.3	281.3	281.3	283.0	284.1	283.5	283.5	284.1	285.8	285.8	287.0
177.5°	281.3	281.3	281.3	282.4	283.0	281.8	281.8	282.4	283.0	283.5	283.5
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	499.7	496.5	496.1	497.0	495.2	497.9	497.0	497.9	495.6	497.9	496.5
5°	465.2	464.3	462.5	460.3	460.8	461.2	463.4	461.2	463.0	463.4	465.7
7.5°	433.0	431.2	432.6	431.7	427.7	426.8	427.7	429.0	431.7	433.5	434.8
10°	407.1	406.2	404.4	403.0	400.8	399.5	401.3	399.5	403.0	406.2	406.2
12.5°	387.4	383.8	381.6	381.1	376.2	377.1	378.9	380.2	384.3	386.0	386.0
15°	366.8	364.1	363.2	361.4	359.7	361.4	360.6	361.9	363.7	365.5	366.4
17.5°	348.9	348.5	348.9	344.4	345.8	343.6	344.0	346.2	344.9	346.2	348.9
20°	332.8	333.7	332.4	330.6	330.6	327.9	331.0	330.1	330.6	333.3	337.3
22.5°	320.7	320.3	318.9	317.6	315.8	316.3	316.7	315.8	319.4	321.6	322.1
25°	307.8	306.9	306.4	305.1	303.3	305.1	304.6	305.1	306.0	309.6	306.9
27.5°	295.7	293.9	294.8	293.5	293.0	293.5	293.5	293.9	294.8	295.2	295.7
30°	285.4	283.6	283.2	282.3	281.8	282.3	283.2	282.3	285.8	285.4	285.4
32.5°	274.2	272.9	272.0	272.0	271.5	271.1	271.5	272.0	274.7	272.9	274.7
35°	263.5	262.6	262.6	261.7	261.2	261.2	261.2	263.0	262.1	263.5	263.5
37.5°	253.2	253.2	252.7	251.8	251.4	251.8	251.4	252.3	251.8	252.3	252.7
40°	242.5	241.6	241.1	241.1	239.8	238.4	239.8	239.8	240.2	241.6	242.0
42.5°	229.5	229.9	229.9	228.1	228.1	228.1	228.6	229.0	229.0	229.9	229.9
45°	218.3	217.4	217.4	217.4	216.5	217.0	217.9	217.9	217.9	217.9	217.0
47.5°	205.8	205.8	206.2	206.2	207.6	207.1	207.1	206.7	205.8	205.8	206.2
50°	194.1	195.5	195.9	195.9	196.4	196.8	196.8	195.9	195.5	194.1	194.1
52.5°	183.0	183.9	184.7	186.1	187.0	186.5	186.5	185.6	183.9	183.4	183.0
55°	170.9	172.2	174.0	175.4	176.7	177.1	177.1	175.4	173.6	171.3	171.3
57.5°	159.7	161.0	164.2	165.5	167.3	167.3	166.4	165.1	162.4	160.6	159.3
60°	148.5	150.8	153.0	155.7	157.9	158.4	157.0	155.2	152.1	149.9	148.1
62.5°	136.4	138.7	143.1	145.8	147.6	147.6	147.6	145.4	141.4	138.2	135.5
65°	124.8	127.0	131.1	134.6	136.0	137.3	136.0	133.8	130.6	127.0	124.4
67.5°	112.7	115.4	119.4	122.1	123.9	125.3	124.4	122.6	118.5	113.6	111.8
70°	99.3	100.6	106.5	109.1	111.8	112.7	111.8	109.1	105.1	99.8	98.0
72.5°	86.8	88.1	93.5	95.7	98.0	98.9	97.5	95.7	92.2	87.2	85.0
75°	72.5	74.7	77.4	81.0	83.7	84.5	83.2	81.9	77.4	74.3	72.5
77.5°	57.3	59.5	63.1	66.2	68.9	68.4	66.7	67.1	62.2	58.6	57.3
80°	43.4	45.2	47.9	50.5	51.9	51.9	51.4	49.7	47.9	45.2	42.9
82.5°	30.0	32.2	34.4	36.2	36.2	36.7	35.8	35.3	33.5	31.3	30.9
85°	17.9	18.3	20.1	20.1	21.9	21.0	20.6	21.9	20.1	18.8	18.3
87.5°	8.1	7.6	8.1	8.1	7.6	8.5	8.5	8.1	8.5	8.1	8.1
90°	12.0	12.5	12.5	12.5	13.1	13.1	13.1	12.5	12.5	12.5	12.0
92.5°	60.5	55.1	46.0	44.3	43.2	42.0	43.2	44.3	46.0	55.1	60.5
95°	228.4	204.6	164.2	147.2	142.6	133.5	142.6	147.2	164.2	204.6	228.4
97.5°	412.5	378.4	344.3	314.8	299.5	292.6	299.5	314.8	344.3	378.4	412.5
100°	583.0	553.4	514.2	473.3	452.3	443.2	452.3	473.3	514.2	553.4	583.0
102.5°	727.3	709.7	667.1	641.0	617.7	611.4	617.7	641.0	667.1	709.7	727.3
105°	811.2	808.0	789.8	771.1	759.7	752.9	759.7	771.1	789.8	808.0	811.2
107.5°	834.7	847.2	852.3	849.5	843.8	838.1	843.8	849.5	852.3	847.2	834.7
110°	812.2	836.4	862.0	872.8	876.8	876.8	876.8	872.8	862.0	836.4	812.2

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	765.3	794.9	835.3	855.7	867.1	872.2	867.1	855.7	835.3	794.9	765.3
115°	712.8	743.8	788.1	815.4	831.3	838.7	831.3	815.4	788.1	743.8	712.8
117.5°	665.1	694.4	739.3	767.7	783.6	788.1	783.6	767.7	739.3	694.4	665.1
120°	625.0	650.0	692.1	719.4	734.7	739.3	734.7	719.4	692.1	650.0	625.0
122.5°	593.0	616.0	652.3	676.8	692.1	696.1	692.1	676.8	652.3	616.0	593.0
125°	567.0	587.5	619.4	642.7	655.2	660.8	655.2	642.7	619.4	587.5	567.0
127.5°	544.9	564.2	593.2	614.2	626.2	628.5	626.2	614.2	593.2	564.2	544.9
130°	522.4	540.9	569.4	588.1	599.5	602.9	599.5	588.1	569.4	540.9	522.4
132.5°	498.3	515.9	544.4	563.1	573.3	577.3	573.3	563.1	544.4	515.9	498.3
135°	475.3	491.5	516.5	535.3	545.5	548.9	545.5	535.3	516.5	491.5	475.3
137.5°	451.2	465.4	488.1	505.7	515.4	519.4	515.4	505.7	488.1	465.4	451.2
140°	429.0	440.9	462.0	476.7	485.3	488.1	485.3	476.7	462.0	440.9	429.0
142.5°	410.0	419.9	437.0	448.9	456.9	459.1	456.9	448.9	437.0	419.9	410.0
145°	393.5	401.2	414.8	424.5	430.7	433.0	430.7	424.5	414.8	401.2	393.5
147.5°	379.3	385.3	396.6	404.6	408.6	409.7	408.6	404.6	396.6	385.3	379.3
150°	367.6	372.8	381.3	388.1	390.4	390.9	390.4	388.1	381.3	372.8	367.6
152.5°	357.7	361.4	368.2	373.3	375.6	376.2	375.6	373.3	368.2	361.4	357.7
155°	348.0	351.2	356.8	360.8	362.5	363.1	362.5	360.8	356.8	351.2	348.0
157.5°	339.0	341.5	346.0	349.5	351.2	351.2	351.2	349.5	346.0	341.5	339.0
160°	329.8	331.8	335.8	338.7	339.8	339.2	339.8	338.7	335.8	331.8	329.8
162.5°	321.6	323.3	326.2	328.4	328.4	328.4	328.4	328.4	326.2	323.3	321.6
165°	313.4	314.8	317.1	318.2	318.2	318.2	318.2	318.2	317.1	314.8	313.4
167.5°	305.7	306.8	308.0	309.1	308.5	308.5	308.5	309.1	308.0	306.8	305.7
170°	298.3	298.9	300.0	300.6	300.6	300.0	300.6	300.6	300.0	298.9	298.3
172.5°	292.4	292.6	292.6	293.8	292.6	292.1	292.6	293.8	292.6	292.6	292.4
175°	287.0	287.0	287.0	287.5	286.4	285.8	286.4	287.5	287.0	287.0	287.0
177.5°	283.5	283.5	283.0	283.5	281.8	281.8	281.8	283.5	283.0	283.5	283.5
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0	527.0
2.5°	500.6	497.9	501.0	497.0	497.9	502.8	502.4	506.8	509.5	509.1	511.3
5°	467.5	467.5	468.8	468.4	472.8	476.9	482.2	486.7	491.6	494.3	497.4
7.5°	434.8	439.3	440.2	442.4	447.8	454.5	459.9	466.6	473.7	478.6	482.2
10°	408.0	411.5	415.1	416.9	422.7	431.7	439.3	450.0	459.0	464.3	469.3
12.5°	384.3	388.3	390.1	398.1	402.2	408.0	418.7	430.3	440.2	446.0	450.0
15°	367.3	369.5	373.5	378.4	382.5	389.6	398.6	411.5	420.9	425.9	439.7
17.5°	352.9	355.6	357.9	360.1	366.4	374.0	382.5	393.7	405.7	414.2	421.4
20°	338.2	339.5	342.2	345.8	350.3	357.4	365.0	376.7	387.4	394.1	403.5
22.5°	320.7	324.8	327.4	330.1	335.1	343.1	350.3	358.8	372.2	379.8	389.6
25°	310.4	312.2	314.0	317.2	320.7	327.9	335.9	344.9	355.6	363.7	372.2
27.5°	297.0	299.7	301.9	306.0	308.2	314.0	321.6	330.6	343.6	350.3	357.4
30°	285.8	288.5	290.3	292.1	295.2	301.5	308.7	315.8	327.9	336.4	343.6
32.5°	274.7	277.3	279.6	280.9	284.1	288.1	293.9	302.8	313.1	318.9	328.3
35°	264.8	264.8	267.5	269.3	272.0	275.6	280.9	287.6	298.4	306.0	314.5
37.5°	253.6	254.1	256.3	257.7	260.3	263.9	269.3	275.6	284.5	290.3	298.8
40°	242.0	243.3	244.2	246.5	249.6	251.0	256.3	263.5	272.4	277.8	285.0
42.5°	230.4	231.3	233.5	235.3	238.0	240.2	243.8	250.5	257.2	265.3	271.1
45°	217.4	219.6	221.0	224.1	225.5	227.7	231.3	236.6	244.7	249.6	256.3
47.5°	206.2	207.1	208.0	212.0	214.7	216.1	219.6	222.8	231.3	235.7	242.0
50°	194.1	194.1	195.5	197.3	200.4	203.1	206.2	209.8	216.5	221.0	227.2
52.5°	183.0	181.6	182.5	183.4	186.5	189.2	192.4	197.3	203.5	206.2	211.6
55°	170.9	168.6	170.0	171.3	172.2	175.8	179.4	182.5	187.4	191.5	196.4
57.5°	157.9	157.5	156.6	157.0	159.3	161.5	164.2	168.2	174.0	177.1	179.8
60°	146.3	143.6	142.7	143.6	144.9	146.3	149.9	153.4	158.4	161.5	164.6
62.5°	134.2	131.5	129.7	128.4	129.7	132.9	135.1	137.8	141.8	145.4	148.1
65°	122.6	118.5	116.8	115.9	115.4	117.6	119.4	123.0	126.6	127.9	131.1
67.5°	109.6	106.0	103.8	102.4	102.4	102.4	104.2	107.8	111.4	111.8	115.0
70°	96.6	92.6	90.4	88.6	87.7	88.6	90.8	91.3	94.4	95.3	97.1
72.5°	82.8	79.2	76.5	74.3	74.7	75.6	75.6	76.5	78.3	80.5	80.5
75°	69.8	64.9	63.5	61.7	60.8	60.8	60.8	62.6	64.0	65.8	65.3
77.5°	55.0	52.3	49.7	48.8	47.4	47.0	47.9	47.9	48.8	50.1	50.5
80°	42.5	39.4	37.6	36.7	34.9	34.4	34.9	34.9	36.2	35.8	36.2
82.5°	29.5	27.3	25.9	24.6	23.7	24.2	23.7	23.7	24.2	23.7	23.7
85°	17.0	16.6	15.7	15.2	14.8	13.9	14.8	14.3	13.9	13.4	14.3
87.5°	8.1	7.6	7.6	6.7	6.7	6.3	6.7	6.7	6.3	6.3	6.3
90°	11.4	10.8	10.2	9.7	9.1	8.0	7.4	6.3	5.7	5.1	4.5
92.5°	65.9	88.6	123.3	183.0	226.7	230.7	160.2	95.5	56.8	46.6	36.4
95°	252.3	322.2	408.6	492.6	503.4	410.8	254.0	129.0	68.2	55.4	42.6
97.5°	446.6	517.1	585.8	615.4	543.8	376.7	207.4	111.4	69.3	60.0	50.6
100°	612.5	671.1	698.9	655.2	513.1	327.3	184.1	110.2	77.3	68.8	60.2
102.5°	744.9	765.4	737.0	631.3	459.1	289.8	174.4	115.3	86.9	78.7	70.5
105°	814.3	789.3	711.4	575.0	412.0	268.2	173.3	122.7	97.7	89.8	81.8
107.5°	822.2	762.0	659.1	521.6	376.7	256.8	177.3	133.0	108.5	101.4	94.3
110°	788.1	708.0	600.0	477.3	353.4	252.3	183.5	144.3	121.0	113.6	106.3

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	735.8	654.6	553.4	444.3	339.8	252.3	191.5	155.1	133.0	125.9	118.8
115°	681.9	604.0	515.9	422.2	330.7	254.0	199.4	166.5	145.5	138.4	131.3
117.5°	635.8	567.7	489.8	407.4	325.6	256.8	208.5	177.9	158.0	151.2	144.3
120°	600.0	537.5	469.4	395.5	322.2	261.4	217.6	190.4	170.5	163.4	156.3
122.5°	569.9	515.9	454.0	385.3	319.3	265.4	227.9	202.3	182.4	175.3	168.2
125°	546.6	497.2	439.2	376.2	317.1	269.9	236.9	212.5	193.8	186.4	179.0
127.5°	525.6	479.0	423.9	367.6	315.9	275.0	245.5	222.7	204.6	197.2	189.8
130°	504.0	459.7	409.7	359.1	314.8	279.6	254.0	232.4	214.8	207.4	200.0
132.5°	480.7	441.5	395.5	352.3	314.8	284.7	261.4	241.5	223.9	216.5	209.1
135°	459.1	422.8	383.5	347.2	314.8	289.2	268.2	249.4	231.8	224.2	216.5
137.5°	437.0	405.7	372.8	342.1	315.4	293.8	273.3	255.1	239.2	231.2	223.3
140°	417.1	390.9	364.2	338.7	315.9	296.6	278.4	261.4	244.9	237.2	229.6
142.5°	400.0	378.4	356.8	335.8	316.5	298.3	281.3	265.4	250.0	242.9	235.8
145°	385.8	368.2	350.6	333.0	315.9	299.5	284.1	269.9	255.1	248.6	242.1
147.5°	373.3	359.1	344.3	330.1	314.8	300.0	285.8	272.7	259.7	253.7	247.7
150°	362.5	351.7	339.2	326.7	313.1	300.0	287.5	275.6	263.1	258.2	253.4
152.5°	354.0	344.3	333.5	322.7	310.8	299.5	288.7	278.4	267.1	262.8	258.5
155°	344.9	337.0	327.9	318.2	308.0	298.3	289.2	280.1	270.5	266.5	262.5
157.5°	336.4	330.1	322.2	314.2	305.1	297.2	289.8	281.8	273.3	270.2	267.1
160°	327.9	322.2	316.5	309.1	302.3	295.5	289.8	283.0	275.6	273.0	270.5
162.5°	319.9	315.4	310.2	304.6	298.9	293.8	289.2	284.1	277.9	275.9	273.9
165°	312.0	308.5	304.6	300.0	295.5	292.1	288.7	284.1	279.6	277.9	276.2
167.5°	304.6	301.7	298.9	295.5	292.1	289.2	287.5	284.1	280.1	279.0	277.9
170°	297.7	296.0	294.3	291.5	289.2	287.5	286.4	284.1	281.3	280.5	279.6
172.5°	292.1	290.9	289.2	287.5	285.8	285.2	285.2	283.5	281.3	281.0	280.7
175°	287.0	285.8	285.8	284.1	283.5	283.5	284.1	283.0	281.3	281.3	281.3
177.5°	283.5	283.5	283.0	282.4	281.8	281.8	283.0	282.4	281.3	281.3	281.3
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	527.0	527.0	527.0	527.0
2.5°	514.4	518.9	522.0	527.9
5°	502.8	510.9	518.5	526.5
7.5°	491.2	500.6	512.6	522.9
10°	478.2	490.3	504.6	518.5
12.5°	465.2	479.5	495.2	513.5
15°	449.6	467.9	486.3	505.9
17.5°	435.7	454.5	474.2	498.8
20°	420.0	440.6	462.1	487.1
22.5°	406.2	429.0	451.4	477.8
25°	390.5	412.9	437.5	465.7
27.5°	377.5	398.1	422.3	452.7
30°	361.9	384.3	408.4	438.8
32.5°	347.1	368.6	394.1	424.1
35°	331.9	353.8	376.7	405.3
37.5°	317.6	336.4	359.2	386.5
40°	301.5	322.1	342.7	364.1
42.5°	286.7	305.5	324.8	341.8
45°	270.2	286.3	304.6	318.5
47.5°	255.0	269.3	283.6	294.3
50°	239.8	251.0	261.7	271.1
52.5°	221.9	234.4	240.2	246.0
55°	205.8	212.9	218.3	224.1
57.5°	190.1	193.2	195.9	201.3
60°	169.5	173.1	176.2	180.3
62.5°	151.6	153.4	154.3	158.4
65°	134.6	134.2	136.4	138.7
67.5°	116.3	115.9	118.1	119.0
70°	98.4	98.0	98.4	100.6
72.5°	81.4	81.4	81.9	82.8
75°	65.8	65.8	66.2	67.1
77.5°	49.7	50.5	50.1	51.9
80°	36.2	35.3	36.2	37.1
82.5°	23.7	24.6	24.6	23.7
85°	13.4	13.4	13.4	13.4
87.5°	5.8	5.8	6.3	6.7
90°	3.4	2.3	1.1	0.6
92.5°	24.4	15.9	10.2	8.5
95°	30.1	23.9	19.3	18.8
97.5°	39.2	33.0	29.5	29.0
100°	49.4	43.2	40.9	39.8
102.5°	60.8	54.0	52.3	51.7
105°	72.7	67.1	64.2	64.2
107.5°	84.7	80.1	77.3	76.1
110°	97.7	92.6	90.3	89.2

TEST NUMBER: P1027912

CATALOG NUMBER: S125DIP-B375D610UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	110.2	105.1	103.4	102.3
115°	122.7	117.6	115.9	114.8
117.5°	134.7	129.6	127.8	126.1
120°	146.6	141.5	139.2	137.5
122.5°	157.4	152.3	150.6	149.4
125°	168.2	163.1	160.2	159.1
127.5°	178.4	172.2	168.8	167.1
130°	188.1	180.7	176.1	174.4
132.5°	196.6	188.1	182.4	180.1
135°	204.6	195.5	188.6	186.4
137.5°	211.4	202.3	196.0	194.3
140°	218.8	209.7	202.9	201.2
142.5°	225.6	216.5	210.2	209.1
145°	231.8	223.9	218.2	217.1
147.5°	238.7	231.3	226.2	225.6
150°	245.5	238.1	234.1	233.0
152.5°	251.2	244.9	241.5	240.9
155°	256.8	251.2	247.7	247.7
157.5°	262.0	256.8	254.0	254.0
160°	265.9	262.0	259.7	260.2
162.5°	270.5	267.1	264.8	265.4
165°	273.9	271.0	269.3	270.5
167.5°	276.2	274.5	273.3	273.9
170°	278.4	277.3	276.7	277.3
172.5°	280.1	279.0	278.4	279.6
175°	281.3	280.7	280.1	281.3
177.5°	281.8	281.3	281.3	282.4
180°	281.8	281.8	281.8	281.8

(END OF REPORT)