

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: P1027867

Luminaire Tested: S125DIP-B375D375UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027867
REPORT IS A COMBINATION OF REPORTS P1001983 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D375UB40-4F0-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

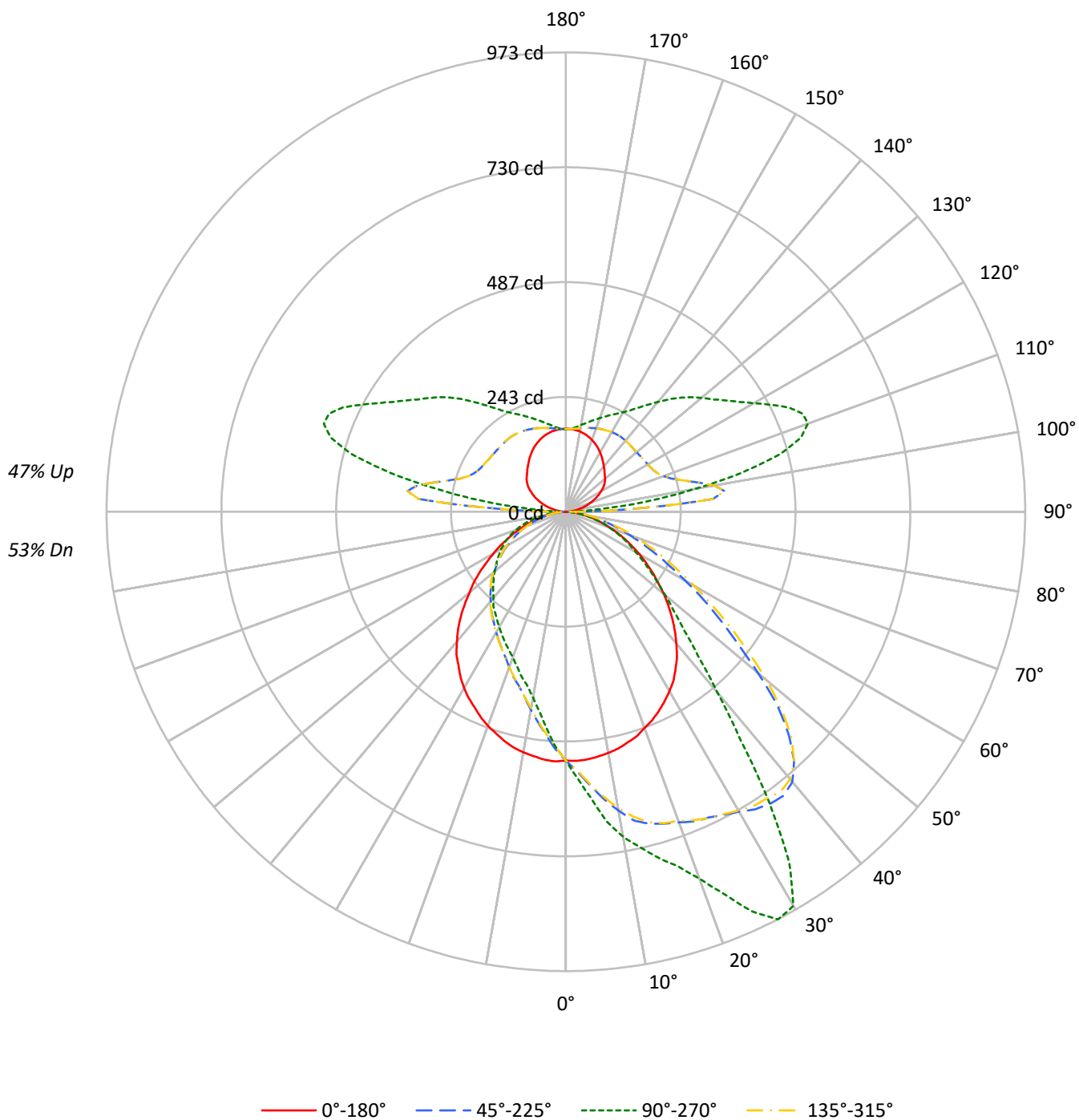
Lumens per Lamp: N/A
Luminaire Lumens: 2805.0 lumens
Efficiency: N/A
Efficacy: 125.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 22.3
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	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59
1	99	94	91	87	91	88	84	81	75	73	70	63	62	60	52	51	50
2	90	83	77	72	83	77	72	67	66	62	59	56	53	50	46	44	43
3	82	73	66	60	76	68	61	56	58	53	50	50	46	43	41	39	37
4	75	65	57	51	70	60	53	48	52	47	42	44	40	37	37	34	32
5	69	58	50	44	64	54	47	41	47	41	37	40	35	32	33	30	28
6	64	52	44	38	59	48	41	36	42	36	32	36	32	28	30	27	24
7	59	47	39	33	55	44	37	32	38	32	28	33	28	25	28	24	22
8	55	42	35	29	51	40	33	28	35	29	25	30	25	22	25	22	19
9	51	39	31	26	47	36	30	25	32	26	22	28	23	20	23	20	18
10	48	36	28	24	44	33	27	22	29	24	20	25	21	18	22	18	16

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	1.8
10°-20°	151.1	5.4
20°-30°	245.4	8.7
30°-40°	299.9	10.7
40°-50°	272.0	9.7
50°-60°	216.7	7.7
60°-70°	150.9	5.4
70°-80°	80.4	2.9
80°-90°	20.6	0.7
90°-100°	127.6	4.5
100°-110°	275.1	9.8
110°-120°	256.5	9.1
120°-130°	207.7	7.4
130°-140°	166.8	5.9
140°-150°	125.8	4.5
150°-160°	88.6	3.2
160°-170°	52.2	1.9
170°-180°	17.0	0.6
0°-30°	447.2	15.9
0°-40°	747.1	26.6
0°-60°	1235.8	44.1
0°-90°	1487.7	53.0
90°-120°	659.2	23.5
90°-150°	1159.5	41.3
90°-180°	1317.0	47.0
0°-180°	2805.0	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°	0	8	0	8	0	2
95°	12	83	12	83	12	12
105°	40	468	40	468	40	42
115°	71	522	71	522	71	70
125°	99	411	99	411	99	88
135°	116	342	116	342	116	90
145°	135	269	135	269	135	85
155°	154	226	154	226	154	71
165°	168	198	168	198	168	47
175°	175	178	175	178	175	17
180°	175	175	175	175	175	

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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°	0.4	0.7	1.4	2.1	2.8	3.2	3.5	3.9	4.6	5.0	5.7
92.5°	5.3	6.4	9.9	15.2	22.6	29.0	35.4	59.4	99.7	143.6	141.1
95°	11.7	12.0	14.9	18.7	26.5	34.4	42.4	80.3	158.1	255.6	313.3
97.5°	18.0	18.4	20.5	24.4	31.5	37.3	43.1	69.3	129.1	234.4	338.4
100°	24.8	25.5	26.9	30.8	37.5	42.8	48.1	68.6	114.6	203.7	319.3
102.5°	32.2	32.5	33.6	37.8	43.8	49.0	54.1	71.8	108.6	180.3	285.7
105°	40.0	40.0	41.7	45.3	50.9	55.8	60.8	76.4	107.8	166.9	256.4
107.5°	47.4	48.1	49.9	52.7	58.7	63.1	67.5	82.7	110.3	159.8	234.4
110°	55.5	56.2	57.6	60.8	66.1	70.7	75.3	89.8	114.2	157.0	219.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	63.6	64.4	65.4	68.6	73.9	78.3	82.7	96.5	119.2	157.0	211.5
115°	71.4	72.1	73.2	76.4	81.7	86.1	90.5	103.6	124.1	158.1	205.8
117.5°	78.5	79.6	80.6	83.8	89.8	94.0	98.3	110.7	129.8	159.8	202.6
120°	85.6	86.6	88.0	91.2	97.2	101.6	106.1	118.5	135.4	162.7	200.5
122.5°	93.0	93.7	94.8	97.9	104.7	109.1	113.5	125.9	141.8	165.1	198.7
125°	99.0	99.7	101.5	104.7	111.4	116.0	120.6	132.2	147.4	168.0	197.3
127.5°	104.0	105.0	107.1	111.0	118.1	122.7	127.3	138.6	152.8	171.1	196.6
130°	108.6	109.6	112.4	117.0	124.5	129.1	133.7	144.6	158.1	174.0	195.9
132.5°	112.1	113.5	117.0	122.3	130.1	134.7	139.3	150.3	162.7	177.2	195.9
135°	116.0	117.4	121.6	127.3	134.7	139.5	144.3	155.2	166.9	180.0	195.9
137.5°	120.9	122.0	125.9	131.5	139.0	144.0	148.9	158.8	170.1	182.8	196.2
140°	125.2	126.2	130.5	136.1	142.9	147.6	152.4	162.7	173.3	184.6	196.6
142.5°	130.1	130.8	134.7	140.4	146.7	151.1	155.6	165.1	175.0	185.6	197.0
145°	135.1	135.8	139.3	144.3	150.6	154.7	158.8	168.0	176.8	186.3	196.6
147.5°	140.4	140.7	143.9	148.5	154.2	157.9	161.6	169.7	177.9	186.7	195.9
150°	145.0	145.7	148.2	152.8	157.7	160.7	163.7	171.5	178.9	186.7	194.8
152.5°	149.9	150.3	152.4	156.3	160.9	163.6	166.2	173.3	179.6	186.3	193.4
155°	154.2	154.2	156.3	159.8	163.4	165.9	168.3	174.3	180.0	185.6	191.6
157.5°	158.1	158.1	159.8	163.0	166.2	168.1	170.1	175.4	180.3	184.9	189.9
160°	161.9	161.6	163.0	165.5	168.3	169.9	171.5	176.1	180.3	183.9	188.1
162.5°	165.1	164.8	166.2	168.3	170.4	171.6	172.9	176.8	180.0	182.8	186.0
165°	168.3	167.6	168.7	170.4	171.8	172.9	174.0	176.8	179.6	181.7	183.9
167.5°	170.4	170.1	170.8	171.8	172.9	173.6	174.3	176.8	178.9	180.0	181.7
170°	172.6	172.2	172.6	173.3	174.0	174.5	175.0	176.8	178.2	178.9	180.0
172.5°	174.0	173.3	173.6	174.3	174.7	174.8	175.0	176.4	177.5	177.5	177.9
175°	175.0	174.3	174.7	175.0	175.0	175.0	175.0	176.1	176.8	176.4	176.4
177.5°	175.7	175.0	175.0	175.4	175.0	175.0	175.0	175.7	176.1	175.4	175.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

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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°	6.0	6.4	6.7	7.1	7.4	7.8	7.8	7.8	8.1	8.1	8.1
92.5°	113.9	76.7	55.2	41.0	37.6	34.3	28.6	27.6	26.9	26.2	26.9
95°	306.6	254.2	200.5	157.0	142.2	127.3	102.2	91.6	88.8	83.1	88.8
97.5°	382.9	364.6	321.8	277.9	256.7	235.5	214.3	195.9	186.3	182.1	186.3
100°	407.7	434.9	417.6	381.2	362.8	344.4	320.0	294.5	281.5	275.8	281.5
102.5°	392.8	458.6	476.3	463.6	452.6	441.6	415.1	398.9	384.4	380.5	384.4
105°	357.8	442.7	491.1	506.7	504.8	502.8	491.5	479.8	472.8	468.5	472.8
107.5°	324.6	410.2	474.2	511.7	519.4	527.2	530.4	528.6	525.1	521.6	525.1
110°	297.0	373.4	440.6	490.4	505.4	520.5	536.4	543.1	545.6	545.6	545.6

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	276.5	344.4	407.3	457.9	476.3	494.7	519.8	532.5	539.6	542.8	539.6
115°	262.7	321.1	375.9	424.3	443.6	462.9	490.4	507.4	517.3	521.9	517.3
117.5°	253.5	304.8	353.2	395.7	413.9	432.1	460.0	477.7	487.6	490.4	487.6
120°	246.1	292.1	334.5	373.4	389.0	404.5	430.7	447.7	457.2	460.0	457.2
122.5°	239.7	282.5	321.1	354.7	369.0	383.3	405.9	421.1	430.7	433.2	430.7
125°	234.1	273.3	309.4	340.2	352.9	365.6	385.4	399.9	407.7	411.2	407.7
127.5°	228.8	263.8	298.1	327.1	339.1	351.1	369.2	382.2	389.7	391.1	389.7
130°	223.5	254.9	286.1	313.6	325.1	336.6	354.3	366.0	373.0	375.2	373.0
132.5°	219.2	246.1	274.7	299.1	310.1	321.1	338.7	350.4	356.8	359.3	356.8
135°	216.0	238.7	263.1	285.7	295.8	305.9	321.4	333.1	339.5	341.6	339.5
137.5°	212.9	232.0	252.5	271.9	280.8	289.6	303.7	314.7	320.7	323.2	320.7
140°	210.7	226.7	243.3	259.5	267.0	274.4	287.5	296.7	302.0	303.7	302.0
142.5°	209.0	222.1	235.5	248.9	255.1	261.3	271.9	279.3	284.3	285.7	284.3
145°	207.2	218.2	229.1	240.1	244.8	249.6	258.1	264.1	268.0	269.4	268.0
147.5°	205.4	214.3	223.5	232.3	236.0	239.7	246.8	251.8	254.2	254.9	254.2
150°	203.3	211.1	218.9	225.6	228.8	232.0	237.3	241.5	242.9	243.3	242.9
152.5°	200.8	207.6	214.3	220.3	222.6	224.9	229.1	232.3	233.7	234.1	233.7
155°	198.0	204.0	209.7	214.6	216.6	218.5	222.1	224.5	225.6	225.9	225.6
157.5°	195.5	200.5	205.4	209.3	210.9	212.5	215.3	217.5	218.5	218.5	218.5
160°	192.4	197.0	200.5	204.0	205.2	206.5	209.0	210.7	211.5	211.1	211.5
162.5°	189.5	193.1	196.2	199.1	200.1	201.2	203.0	204.4	204.4	204.4	204.4
165°	186.7	189.5	192.0	194.1	195.0	195.9	197.3	198.0	198.0	198.0	198.0
167.5°	183.9	186.0	187.8	189.5	190.2	190.9	191.6	192.4	192.0	192.0	192.0
170°	181.4	183.2	184.2	185.3	185.6	186.0	186.7	187.1	187.1	186.7	187.1
172.5°	178.9	180.0	181.0	181.7	181.9	182.1	182.1	182.8	182.1	181.7	182.1
175°	176.8	177.9	177.9	178.6	178.6	178.6	178.6	178.9	178.2	177.9	178.2
177.5°	175.7	176.1	176.4	176.4	176.4	176.4	176.1	176.4	175.4	175.4	175.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-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°	7.8	7.8	7.8	7.4	7.1	6.7	6.4	6.0	5.7	5.0	4.6
92.5°	27.6	28.6	34.3	37.6	41.0	55.2	76.7	113.9	141.1	143.6	99.7
95°	91.6	102.2	127.3	142.2	157.0	200.5	254.2	306.6	313.3	255.6	158.1
97.5°	195.9	214.3	235.5	256.7	277.9	321.8	364.6	382.9	338.4	234.4	129.1
100°	294.5	320.0	344.4	362.8	381.2	417.6	434.9	407.7	319.3	203.7	114.6
102.5°	398.9	415.1	441.6	452.6	463.6	476.3	458.6	392.8	285.7	180.3	108.6
105°	479.8	491.5	502.8	504.8	506.7	491.1	442.7	357.8	256.4	166.9	107.8
107.5°	528.6	530.4	527.2	519.4	511.7	474.2	410.2	324.6	234.4	159.8	110.3
110°	543.1	536.4	520.5	505.4	490.4	440.6	373.4	297.0	219.9	157.0	114.2

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	532.5	519.8	494.7	476.3	457.9	407.3	344.4	276.5	211.5	157.0	119.2
115°	507.4	490.4	462.9	443.6	424.3	375.9	321.1	262.7	205.8	158.1	124.1
117.5°	477.7	460.0	432.1	413.9	395.7	353.2	304.8	253.5	202.6	159.8	129.8
120°	447.7	430.7	404.5	389.0	373.4	334.5	292.1	246.1	200.5	162.7	135.4
122.5°	421.1	405.9	383.3	369.0	354.7	321.1	282.5	239.7	198.7	165.1	141.8
125°	399.9	385.4	365.6	352.9	340.2	309.4	273.3	234.1	197.3	168.0	147.4
127.5°	382.2	369.2	351.1	339.1	327.1	298.1	263.8	228.8	196.6	171.1	152.8
130°	366.0	354.3	336.6	325.1	313.6	286.1	254.9	223.5	195.9	174.0	158.1
132.5°	350.4	338.7	321.1	310.1	299.1	274.7	246.1	219.2	195.9	177.2	162.7
135°	333.1	321.4	305.9	295.8	285.7	263.1	238.7	216.0	195.9	180.0	166.9
137.5°	314.7	303.7	289.6	280.8	271.9	252.5	232.0	212.9	196.2	182.8	170.1
140°	296.7	287.5	274.4	267.0	259.5	243.3	226.7	210.7	196.6	184.6	173.3
142.5°	279.3	271.9	261.3	255.1	248.9	235.5	222.1	209.0	197.0	185.6	175.0
145°	264.1	258.1	249.6	244.8	240.1	229.1	218.2	207.2	196.6	186.3	176.8
147.5°	251.8	246.8	239.7	236.0	232.3	223.5	214.3	205.4	195.9	186.7	177.9
150°	241.5	237.3	232.0	228.8	225.6	218.9	211.1	203.3	194.8	186.7	178.9
152.5°	232.3	229.1	224.9	222.6	220.3	214.3	207.6	200.8	193.4	186.3	179.6
155°	224.5	222.1	218.5	216.6	214.6	209.7	204.0	198.0	191.6	185.6	180.0
157.5°	217.5	215.3	212.5	210.9	209.3	205.4	200.5	195.5	189.9	184.9	180.3
160°	210.7	209.0	206.5	205.2	204.0	200.5	197.0	192.4	188.1	183.9	180.3
162.5°	204.4	203.0	201.2	200.1	199.1	196.2	193.1	189.5	186.0	182.8	180.0
165°	198.0	197.3	195.9	195.0	194.1	192.0	189.5	186.7	183.9	181.7	179.6
167.5°	192.4	191.6	190.9	190.2	189.5	187.8	186.0	183.9	181.7	180.0	178.9
170°	187.1	186.7	186.0	185.6	185.3	184.2	183.2	181.4	180.0	178.9	178.2
172.5°	182.8	182.1	182.1	181.9	181.7	181.0	180.0	178.9	177.9	177.5	177.5
175°	178.9	178.6	178.6	178.6	178.6	177.9	177.9	176.8	176.4	176.4	176.8
177.5°	176.4	176.1	176.4	176.4	176.4	176.4	176.1	175.7	175.4	175.4	176.1
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-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°	3.9	3.5	3.2	2.8	2.1	1.4	0.7	0.4	0.7	1.4	2.1
92.5°	59.4	35.4	29.0	22.6	15.2	9.9	6.4	5.3	6.4	9.9	15.2
95°	80.3	42.4	34.4	26.5	18.7	14.9	12.0	11.7	12.0	14.9	18.7
97.5°	69.3	43.1	37.3	31.5	24.4	20.5	18.4	18.0	18.4	20.5	24.4
100°	68.6	48.1	42.8	37.5	30.8	26.9	25.5	24.8	25.5	26.9	30.8
102.5°	71.8	54.1	49.0	43.8	37.8	33.6	32.5	32.2	32.5	33.6	37.8
105°	76.4	60.8	55.8	50.9	45.3	41.7	40.0	40.0	40.0	41.7	45.3
107.5°	82.7	67.5	63.1	58.7	52.7	49.9	48.1	47.4	48.1	49.9	52.7
110°	89.8	75.3	70.7	66.1	60.8	57.6	56.2	55.5	56.2	57.6	60.8

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	96.5	82.7	78.3	73.9	68.6	65.4	64.4	63.6	64.4	65.4	68.6
115°	103.6	90.5	86.1	81.7	76.4	73.2	72.1	71.4	72.1	73.2	76.4
117.5°	110.7	98.3	94.0	89.8	83.8	80.6	79.6	78.5	79.6	80.6	83.8
120°	118.5	106.1	101.6	97.2	91.2	88.0	86.6	85.6	86.6	88.0	91.2
122.5°	125.9	113.5	109.1	104.7	97.9	94.8	93.7	93.0	93.7	94.8	97.9
125°	132.2	120.6	116.0	111.4	104.7	101.5	99.7	99.0	99.7	101.5	104.7
127.5°	138.6	127.3	122.7	118.1	111.0	107.1	105.0	104.0	105.0	107.1	111.0
130°	144.6	133.7	129.1	124.5	117.0	112.4	109.6	108.6	109.6	112.4	117.0
132.5°	150.3	139.3	134.7	130.1	122.3	117.0	113.5	112.1	113.5	117.0	122.3
135°	155.2	144.3	139.5	134.7	127.3	121.6	117.4	116.0	117.4	121.6	127.3
137.5°	158.8	148.9	144.0	139.0	131.5	125.9	122.0	120.9	122.0	125.9	131.5
140°	162.7	152.4	147.6	142.9	136.1	130.5	126.2	125.2	126.2	130.5	136.1
142.5°	165.1	155.6	151.1	146.7	140.4	134.7	130.8	130.1	130.8	134.7	140.4
145°	168.0	158.8	154.7	150.6	144.3	139.3	135.8	135.1	135.8	139.3	144.3
147.5°	169.7	161.6	157.9	154.2	148.5	143.9	140.7	140.4	140.7	143.9	148.5
150°	171.5	163.7	160.7	157.7	152.8	148.2	145.7	145.0	145.7	148.2	152.8
152.5°	173.3	166.2	163.6	160.9	156.3	152.4	150.3	149.9	150.3	152.4	156.3
155°	174.3	168.3	165.9	163.4	159.8	156.3	154.2	154.2	154.2	156.3	159.8
157.5°	175.4	170.1	168.1	166.2	163.0	159.8	158.1	158.1	158.1	159.8	163.0
160°	176.1	171.5	169.9	168.3	165.5	163.0	161.6	161.9	161.6	163.0	165.5
162.5°	176.8	172.9	171.6	170.4	168.3	166.2	164.8	165.1	164.8	166.2	168.3
165°	176.8	174.0	172.9	171.8	170.4	168.7	167.6	168.3	167.6	168.7	170.4
167.5°	176.8	174.3	173.6	172.9	171.8	170.8	170.1	170.4	170.1	170.8	171.8
170°	176.8	175.0	174.5	174.0	173.3	172.6	172.2	172.6	172.2	172.6	173.3
172.5°	176.4	175.0	174.8	174.7	174.3	173.6	173.3	174.0	173.3	173.6	174.3
175°	176.1	175.0	175.0	175.0	175.0	174.7	174.3	175.0	174.3	174.7	175.0
177.5°	175.7	175.0	175.0	175.0	175.4	175.0	175.0	175.7	175.0	175.0	175.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-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°	2.8	3.2	3.5	3.9	4.6	5.0	5.7	6.0	6.4	6.7	7.1
92.5°	22.6	29.0	35.4	59.4	99.7	143.6	141.1	113.9	76.7	55.2	41.0
95°	26.5	34.4	42.4	80.3	158.1	255.6	313.3	306.6	254.2	200.5	157.0
97.5°	31.5	37.3	43.1	69.3	129.1	234.4	338.4	382.9	364.6	321.8	277.9
100°	37.5	42.8	48.1	68.6	114.6	203.7	319.3	407.7	434.9	417.6	381.2
102.5°	43.8	49.0	54.1	71.8	108.6	180.3	285.7	392.8	458.6	476.3	463.6
105°	50.9	55.8	60.8	76.4	107.8	166.9	256.4	357.8	442.7	491.1	506.7
107.5°	58.7	63.1	67.5	82.7	110.3	159.8	234.4	324.6	410.2	474.2	511.7
110°	66.1	70.7	75.3	89.8	114.2	157.0	219.9	297.0	373.4	440.6	490.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	73.9	78.3	82.7	96.5	119.2	157.0	211.5	276.5	344.4	407.3	457.9
115°	81.7	86.1	90.5	103.6	124.1	158.1	205.8	262.7	321.1	375.9	424.3
117.5°	89.8	94.0	98.3	110.7	129.8	159.8	202.6	253.5	304.8	353.2	395.7
120°	97.2	101.6	106.1	118.5	135.4	162.7	200.5	246.1	292.1	334.5	373.4
122.5°	104.7	109.1	113.5	125.9	141.8	165.1	198.7	239.7	282.5	321.1	354.7
125°	111.4	116.0	120.6	132.2	147.4	168.0	197.3	234.1	273.3	309.4	340.2
127.5°	118.1	122.7	127.3	138.6	152.8	171.1	196.6	228.8	263.8	298.1	327.1
130°	124.5	129.1	133.7	144.6	158.1	174.0	195.9	223.5	254.9	286.1	313.6
132.5°	130.1	134.7	139.3	150.3	162.7	177.2	195.9	219.2	246.1	274.7	299.1
135°	134.7	139.5	144.3	155.2	166.9	180.0	195.9	216.0	238.7	263.1	285.7
137.5°	139.0	144.0	148.9	158.8	170.1	182.8	196.2	212.9	232.0	252.5	271.9
140°	142.9	147.6	152.4	162.7	173.3	184.6	196.6	210.7	226.7	243.3	259.5
142.5°	146.7	151.1	155.6	165.1	175.0	185.6	197.0	209.0	222.1	235.5	248.9
145°	150.6	154.7	158.8	168.0	176.8	186.3	196.6	207.2	218.2	229.1	240.1
147.5°	154.2	157.9	161.6	169.7	177.9	186.7	195.9	205.4	214.3	223.5	232.3
150°	157.7	160.7	163.7	171.5	178.9	186.7	194.8	203.3	211.1	218.9	225.6
152.5°	160.9	163.6	166.2	173.3	179.6	186.3	193.4	200.8	207.6	214.3	220.3
155°	163.4	165.9	168.3	174.3	180.0	185.6	191.6	198.0	204.0	209.7	214.6
157.5°	166.2	168.1	170.1	175.4	180.3	184.9	189.9	195.5	200.5	205.4	209.3
160°	168.3	169.9	171.5	176.1	180.3	183.9	188.1	192.4	197.0	200.5	204.0
162.5°	170.4	171.6	172.9	176.8	180.0	182.8	186.0	189.5	193.1	196.2	199.1
165°	171.8	172.9	174.0	176.8	179.6	181.7	183.9	186.7	189.5	192.0	194.1
167.5°	172.9	173.6	174.3	176.8	178.9	180.0	181.7	183.9	186.0	187.8	189.5
170°	174.0	174.5	175.0	176.8	178.2	178.9	180.0	181.4	183.2	184.2	185.3
172.5°	174.7	174.8	175.0	176.4	177.5	177.5	177.9	178.9	180.0	181.0	181.7
175°	175.0	175.0	175.0	176.1	176.8	176.4	176.4	176.8	177.9	177.9	178.6
177.5°	175.0	175.0	175.0	175.7	176.1	175.4	175.4	175.7	176.1	176.4	176.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-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°	7.4	7.8	7.8	7.8	8.1	8.1	8.1	7.8	7.8	7.8	7.4
92.5°	37.6	34.3	28.6	27.6	26.9	26.2	26.9	27.6	28.6	34.3	37.6
95°	142.2	127.3	102.2	91.6	88.8	83.1	88.8	91.6	102.2	127.3	142.2
97.5°	256.7	235.5	214.3	195.9	186.3	182.1	186.3	195.9	214.3	235.5	256.7
100°	362.8	344.4	320.0	294.5	281.5	275.8	281.5	294.5	320.0	344.4	362.8
102.5°	452.6	441.6	415.1	398.9	384.4	380.5	384.4	398.9	415.1	441.6	452.6
105°	504.8	502.8	491.5	479.8	472.8	468.5	472.8	479.8	491.5	502.8	504.8
107.5°	519.4	527.2	530.4	528.6	525.1	521.6	525.1	528.6	530.4	527.2	519.4
110°	505.4	520.5	536.4	543.1	545.6	545.6	545.6	543.1	536.4	520.5	505.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	476.3	494.7	519.8	532.5	539.6	542.8	539.6	532.5	519.8	494.7	476.3
115°	443.6	462.9	490.4	507.4	517.3	521.9	517.3	507.4	490.4	462.9	443.6
117.5°	413.9	432.1	460.0	477.7	487.6	490.4	487.6	477.7	460.0	432.1	413.9
120°	389.0	404.5	430.7	447.7	457.2	460.0	457.2	447.7	430.7	404.5	389.0
122.5°	369.0	383.3	405.9	421.1	430.7	433.2	430.7	421.1	405.9	383.3	369.0
125°	352.9	365.6	385.4	399.9	407.7	411.2	407.7	399.9	385.4	365.6	352.9
127.5°	339.1	351.1	369.2	382.2	389.7	391.1	389.7	382.2	369.2	351.1	339.1
130°	325.1	336.6	354.3	366.0	373.0	375.2	373.0	366.0	354.3	336.6	325.1
132.5°	310.1	321.1	338.7	350.4	356.8	359.3	356.8	350.4	338.7	321.1	310.1
135°	295.8	305.9	321.4	333.1	339.5	341.6	339.5	333.1	321.4	305.9	295.8
137.5°	280.8	289.6	303.7	314.7	320.7	323.2	320.7	314.7	303.7	289.6	280.8
140°	267.0	274.4	287.5	296.7	302.0	303.7	302.0	296.7	287.5	274.4	267.0
142.5°	255.1	261.3	271.9	279.3	284.3	285.7	284.3	279.3	271.9	261.3	255.1
145°	244.8	249.6	258.1	264.1	268.0	269.4	268.0	264.1	258.1	249.6	244.8
147.5°	236.0	239.7	246.8	251.8	254.2	254.9	254.2	251.8	246.8	239.7	236.0
150°	228.8	232.0	237.3	241.5	242.9	243.3	242.9	241.5	237.3	232.0	228.8
152.5°	222.6	224.9	229.1	232.3	233.7	234.1	233.7	232.3	229.1	224.9	222.6
155°	216.6	218.5	222.1	224.5	225.6	225.9	225.6	224.5	222.1	218.5	216.6
157.5°	210.9	212.5	215.3	217.5	218.5	218.5	218.5	217.5	215.3	212.5	210.9
160°	205.2	206.5	209.0	210.7	211.5	211.1	211.5	210.7	209.0	206.5	205.2
162.5°	200.1	201.2	203.0	204.4	204.4	204.4	204.4	204.4	203.0	201.2	200.1
165°	195.0	195.9	197.3	198.0	198.0	198.0	198.0	198.0	197.3	195.9	195.0
167.5°	190.2	190.9	191.6	192.4	192.0	192.0	192.0	192.4	191.6	190.9	190.2
170°	185.6	186.0	186.7	187.1	187.1	186.7	187.1	187.1	186.7	186.0	185.6
172.5°	181.9	182.1	182.1	182.8	182.1	181.7	182.1	182.8	182.1	182.1	181.9
175°	178.6	178.6	178.6	178.9	178.2	177.9	178.2	178.9	178.6	178.6	178.6
177.5°	176.4	176.4	176.1	176.4	175.4	175.4	175.4	176.4	176.1	176.4	176.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-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°	7.1	6.7	6.4	6.0	5.7	5.0	4.6	3.9	3.5	3.2	2.8
92.5°	41.0	55.2	76.7	113.9	141.1	143.6	99.7	59.4	35.4	29.0	22.6
95°	157.0	200.5	254.2	306.6	313.3	255.6	158.1	80.3	42.4	34.4	26.5
97.5°	277.9	321.8	364.6	382.9	338.4	234.4	129.1	69.3	43.1	37.3	31.5
100°	381.2	417.6	434.9	407.7	319.3	203.7	114.6	68.6	48.1	42.8	37.5
102.5°	463.6	476.3	458.6	392.8	285.7	180.3	108.6	71.8	54.1	49.0	43.8
105°	506.7	491.1	442.7	357.8	256.4	166.9	107.8	76.4	60.8	55.8	50.9
107.5°	511.7	474.2	410.2	324.6	234.4	159.8	110.3	82.7	67.5	63.1	58.7
110°	490.4	440.6	373.4	297.0	219.9	157.0	114.2	89.8	75.3	70.7	66.1

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	457.9	407.3	344.4	276.5	211.5	157.0	119.2	96.5	82.7	78.3	73.9
115°	424.3	375.9	321.1	262.7	205.8	158.1	124.1	103.6	90.5	86.1	81.7
117.5°	395.7	353.2	304.8	253.5	202.6	159.8	129.8	110.7	98.3	94.0	89.8
120°	373.4	334.5	292.1	246.1	200.5	162.7	135.4	118.5	106.1	101.6	97.2
122.5°	354.7	321.1	282.5	239.7	198.7	165.1	141.8	125.9	113.5	109.1	104.7
125°	340.2	309.4	273.3	234.1	197.3	168.0	147.4	132.2	120.6	116.0	111.4
127.5°	327.1	298.1	263.8	228.8	196.6	171.1	152.8	138.6	127.3	122.7	118.1
130°	313.6	286.1	254.9	223.5	195.9	174.0	158.1	144.6	133.7	129.1	124.5
132.5°	299.1	274.7	246.1	219.2	195.9	177.2	162.7	150.3	139.3	134.7	130.1
135°	285.7	263.1	238.7	216.0	195.9	180.0	166.9	155.2	144.3	139.5	134.7
137.5°	271.9	252.5	232.0	212.9	196.2	182.8	170.1	158.8	148.9	144.0	139.0
140°	259.5	243.3	226.7	210.7	196.6	184.6	173.3	162.7	152.4	147.6	142.9
142.5°	248.9	235.5	222.1	209.0	197.0	185.6	175.0	165.1	155.6	151.1	146.7
145°	240.1	229.1	218.2	207.2	196.6	186.3	176.8	168.0	158.8	154.7	150.6
147.5°	232.3	223.5	214.3	205.4	195.9	186.7	177.9	169.7	161.6	157.9	154.2
150°	225.6	218.9	211.1	203.3	194.8	186.7	178.9	171.5	163.7	160.7	157.7
152.5°	220.3	214.3	207.6	200.8	193.4	186.3	179.6	173.3	166.2	163.6	160.9
155°	214.6	209.7	204.0	198.0	191.6	185.6	180.0	174.3	168.3	165.9	163.4
157.5°	209.3	205.4	200.5	195.5	189.9	184.9	180.3	175.4	170.1	168.1	166.2
160°	204.0	200.5	197.0	192.4	188.1	183.9	180.3	176.1	171.5	169.9	168.3
162.5°	199.1	196.2	193.1	189.5	186.0	182.8	180.0	176.8	172.9	171.6	170.4
165°	194.1	192.0	189.5	186.7	183.9	181.7	179.6	176.8	174.0	172.9	171.8
167.5°	189.5	187.8	186.0	183.9	181.7	180.0	178.9	176.8	174.3	173.6	172.9
170°	185.3	184.2	183.2	181.4	180.0	178.9	178.2	176.8	175.0	174.5	174.0
172.5°	181.7	181.0	180.0	178.9	177.9	177.5	177.5	176.4	175.0	174.8	174.7
175°	178.6	177.9	177.9	176.8	176.4	176.4	176.8	176.1	175.0	175.0	175.0
177.5°	176.4	176.4	176.1	175.7	175.4	175.4	176.1	175.7	175.0	175.0	175.0
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-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°	2.1	1.4	0.7	0.4
92.5°	15.2	9.9	6.4	5.3
95°	18.7	14.9	12.0	11.7
97.5°	24.4	20.5	18.4	18.0
100°	30.8	26.9	25.5	24.8
102.5°	37.8	33.6	32.5	32.2
105°	45.3	41.7	40.0	40.0
107.5°	52.7	49.9	48.1	47.4
110°	60.8	57.6	56.2	55.5

TEST NUMBER: P1027867

CATALOG NUMBER: S125DIP-B375D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	68.6	65.4	64.4	63.6
115°	76.4	73.2	72.1	71.4
117.5°	83.8	80.6	79.6	78.5
120°	91.2	88.0	86.6	85.6
122.5°	97.9	94.8	93.7	93.0
125°	104.7	101.5	99.7	99.0
127.5°	111.0	107.1	105.0	104.0
130°	117.0	112.4	109.6	108.6
132.5°	122.3	117.0	113.5	112.1
135°	127.3	121.6	117.4	116.0
137.5°	131.5	125.9	122.0	120.9
140°	136.1	130.5	126.2	125.2
142.5°	140.4	134.7	130.8	130.1
145°	144.3	139.3	135.8	135.1
147.5°	148.5	143.9	140.7	140.4
150°	152.8	148.2	145.7	145.0
152.5°	156.3	152.4	150.3	149.9
155°	159.8	156.3	154.2	154.2
157.5°	163.0	159.8	158.1	158.1
160°	165.5	163.0	161.6	161.9
162.5°	168.3	166.2	164.8	165.1
165°	170.4	168.7	167.6	168.3
167.5°	171.8	170.8	170.1	170.4
170°	173.3	172.6	172.2	172.6
172.5°	174.3	173.6	173.3	174.0
175°	175.0	174.7	174.3	175.0
177.5°	175.4	175.0	175.0	175.7
180°	175.4	175.4	175.4	175.4

(END OF REPORT)