

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: P1026876

Luminaire Tested: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026876
REPORT IS A COMBINATION OF REPORTS P1002010 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

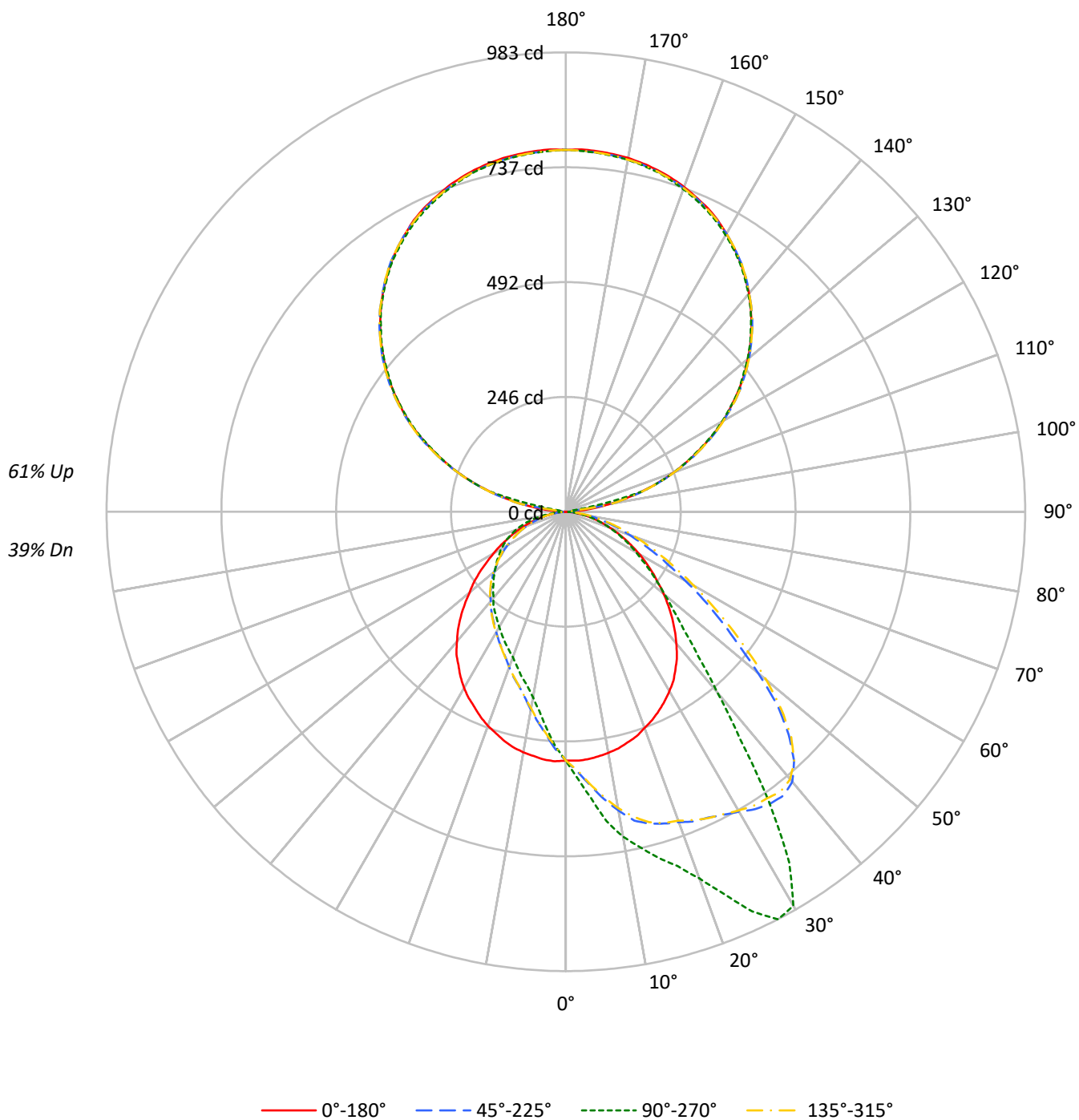
Lumens per Lamp: N/A
Luminaire Lumens: 3882.0 lumens
Efficiency: N/A
Efficacy: 136.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 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				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	104	104	104	104	95	95	95	95	77	77	77	61	61	61	46	46	46	39	39	39	39			
1	95	91	88	84	87	83	80	77	68	66	64	54	52	51	41	40	39	33	33	33	33			
2	87	80	74	69	79	73	68	63	60	56	53	47	45	43	36	34	33	28	28	28	28			
3	79	70	63	58	72	64	58	53	53	48	45	42	39	36	32	30	28	24	24	24	24			
4	73	62	55	49	66	57	50	45	47	42	38	37	34	31	29	26	24	20	20	20	20			
5	67	55	47	42	60	51	44	39	42	37	33	34	30	27	26	23	21	18	18	18	18			
6	61	50	42	36	56	45	39	34	38	32	29	30	27	24	23	21	19	16	16	16	16			
7	57	45	37	32	51	41	34	29	34	29	25	28	24	21	21	19	17	14	14	14	14			
8	53	41	33	28	48	37	31	26	31	26	22	25	21	19	20	17	15	12	12	12	12			
9	49	37	30	25	44	34	27	23	28	23	20	23	19	17	18	15	13	11	11	11	11			
10	46	34	27	22	41	31	25	21	26	21	18	21	18	15	17	14	12	10	10	10	10			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3410	3410	3410	3410
5°	3413	3869	3416	2935
10°	3392	4409	3386	2519
15°	3367	4781	3347	2277
20°	3325	5239	3294	2078
25°	3287	6003	3227	1961
30°	3233	6333	3177	1854
35°	3147	5077	3081	1769
40°	3013	3509	2969	1679
45°	2844	2613	2812	1603
50°	2650	2151	2607	1544
55°	2442	1834	2422	1491
60°	2237	1570	2197	1452
65°	2016	1356	1983	1392
70°	1783	1126	1758	1290
75°	1535	870	1515	1119
80°	1212	589	1167	823
85°	778	294	749	419

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5209 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	1.3
10°-20°	152.6	3.9
20°-30°	247.9	6.4
30°-40°	302.9	7.8
40°-50°	274.8	7.1
50°-60°	218.9	5.6
60°-70°	152.4	3.9
70°-80°	81.2	2.1
80°-90°	21.3	0.5
90°-100°	26.3	0.7
100°-110°	174.8	4.5
110°-120°	314.7	8.1
120°-130°	404.0	10.4
130°-140°	434.5	11.2
140°-150°	407.8	10.5
150°-160°	329.9	8.5
160°-170°	213.3	5.5
170°-180°	73.6	1.9
0°-30°	451.7	11.6
0°-40°	754.6	19.4
0°-60°	1248.2	32.2
0°-90°	1503.2	38.7
90°-120°	515.8	13.3
90°-150°	1762.1	45.4
90°-180°	2379.0	61.3
0°-180°	3882.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	532	532	532	532	532	
5°	532	614	532	466	532	50
15°	511	767	508	365	511	144
25°	470	944	462	308	470	217
35°	409	757	401	264	409	256
45°	322	357	318	219	322	248
55°	226	220	225	179	226	202
65°	140	135	138	139	140	139
75°	68	66	67	85	68	72
85°	14	15	13	21	14	16
90°	1	14	1	14	1	3
95°	33	12	33	12	33	40
105°	169	170	169	170	169	179
115°	317	315	317	315	317	314
125°	451	451	451	451	451	403
135°	562	560	562	560	562	433
145°	652	650	652	650	652	408
155°	718	712	718	712	718	331
165°	757	753	757	753	757	214
175°	774	771	774	771	774	74
180°	774	774	774	774	774	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	533.2	536.3	540.0	542.7	547.2	548.5	550.8	552.2	553.5	554.9	555.8
5°	531.8	539.5	546.3	551.3	559.8	563.0	567.1	572.0	577.9	582.9	586.0
7.5°	528.2	540.4	549.4	559.4	571.1	578.8	582.9	593.3	602.8	610.0	619.5
10°	523.7	538.1	552.2	567.1	583.8	592.4	600.5	615.0	628.1	639.8	649.3
12.5°	518.7	536.3	553.1	572.5	595.1	605.5	610.9	635.7	652.0	658.3	676.9
15°	511.0	531.8	555.8	579.7	598.7	610.9	625.8	645.7	662.0	676.0	690.9
17.5°	503.8	526.4	550.8	577.5	605.0	620.8	632.1	649.8	667.4	685.4	699.5
20°	492.1	521.4	546.3	574.7	607.3	618.6	630.3	651.1	670.1	689.5	707.1
22.5°	482.6	510.6	544.5	571.6	599.1	610.4	624.9	646.6	669.2	691.3	717.1
25°	470.4	501.5	530.9	559.8	588.3	600.5	613.6	641.6	665.1	693.6	722.0
27.5°	457.3	489.3	518.7	544.9	571.6	588.3	602.3	631.7	662.9	694.0	731.1
30°	443.3	473.5	501.5	527.3	556.7	573.8	587.9	622.2	657.0	696.7	741.0
32.5°	428.3	456.8	480.8	507.0	538.1	554.0	572.9	610.4	651.6	699.0	754.6
35°	409.4	436.5	457.7	484.4	515.6	535.9	555.8	597.8	645.7	698.6	762.3
37.5°	390.4	411.6	432.0	460.4	496.6	515.1	535.9	582.0	636.7	697.2	765.4
40°	367.8	388.6	406.2	435.1	473.1	494.3	516.0	564.4	626.3	692.2	754.1
42.5°	345.2	362.8	382.3	412.5	449.1	471.7	494.8	548.5	612.7	677.8	723.0
45°	321.7	335.3	356.5	384.1	422.9	444.6	470.8	529.1	593.7	651.6	674.2
47.5°	297.3	310.9	330.8	357.4	395.8	421.6	446.4	504.7	569.8	614.5	614.5
50°	273.8	284.7	304.1	330.8	369.6	393.1	418.4	480.3	532.7	565.7	536.3
52.5°	248.5	260.7	277.0	305.0	343.4	364.6	392.2	445.1	494.8	508.3	463.1
55°	226.4	236.3	251.7	278.3	314.0	336.2	359.7	410.3	452.3	451.4	403.0
57.5°	203.3	211.5	227.7	252.1	285.1	305.0	328.5	372.3	406.7	394.5	348.8
60°	182.1	188.0	203.8	223.7	255.3	273.8	296.4	332.1	358.3	341.1	295.1
62.5°	160.0	166.7	179.4	198.8	226.8	241.7	258.5	294.6	311.3	296.0	249.0
65°	140.1	145.5	156.8	173.1	198.4	211.9	226.4	256.2	272.0	249.9	211.0
67.5°	120.2	126.5	134.6	149.1	169.0	181.6	194.3	220.0	227.3	207.4	174.9
70°	101.7	107.1	114.8	125.2	141.9	153.2	162.7	183.9	188.9	170.3	144.6
72.5°	83.6	87.2	93.5	102.1	117.5	123.8	133.7	148.2	154.5	137.8	119.3
75°	67.8	70.5	74.6	80.9	91.3	98.1	106.2	119.7	119.3	107.5	94.4
77.5°	52.4	52.9	57.4	63.3	69.6	75.5	79.5	89.0	89.9	82.7	71.8
80°	37.5	38.9	40.7	45.2	50.6	52.9	57.8	63.7	64.6	59.2	52.0
82.5°	23.9	24.9	26.2	28.9	32.5	35.2	38.0	40.2	42.5	39.3	33.4
85°	13.6	14.0	15.4	16.3	18.1	19.4	21.7	23.9	23.5	21.2	19.4
87.5°	6.8	6.8	6.8	7.7	8.6	8.6	9.5	9.9	10.4	9.5	8.6
90°	0.6	1.6	2.6	3.7	4.7	5.2	5.6	6.5	7.4	8.3	9.2
92.5°	10.9	9.7	8.6	7.4	6.3	5.7	6.1	6.9	7.6	8.4	9.2
95°	32.7	32.3	31.9	31.6	31.2	31.0	28.6	23.7	18.9	14.0	9.2
97.5°	61.4	62.2	63.0	63.7	64.5	64.9	58.8	46.7	34.6	22.4	10.3
100°	95.9	96.3	96.7	97.0	97.4	97.6	97.9	98.4	98.9	99.4	99.9
102.5°	130.9	131.4	131.9	132.4	132.9	133.2	133.3	133.6	133.8	134.1	134.3
105°	168.8	169.3	169.8	170.3	170.8	171.1	171.1	171.1	171.1	171.1	171.1
107.5°	207.8	207.8	207.8	207.8	207.8	207.8	207.9	208.2	208.5	208.7	209.0
110°	245.7	245.7	245.7	245.7	245.7	245.7	245.8	246.1	246.3	246.6	246.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	281.3	281.7	282.1	282.4	282.8	283.0	283.1	283.2	283.3	283.5	283.6
115°	316.9	317.5	318.2	318.8	319.5	319.8	319.9	320.0	320.1	320.2	320.3
117.5°	354.2	354.2	354.2	354.2	354.2	354.2	354.5	355.0	355.5	356.0	356.5
120°	388.6	388.5	388.4	388.3	388.2	388.1	388.3	388.7	389.0	389.4	389.8
122.5°	419.1	419.7	420.3	421.0	421.6	421.9	422.0	422.1	422.2	422.4	422.5
125°	450.6	451.5	452.4	453.3	454.2	454.7	454.7	454.7	454.7	454.7	454.7
127.5°	481.1	481.7	482.3	483.0	483.6	483.9	483.8	483.7	483.6	483.5	483.4
130°	508.6	509.2	509.9	510.5	511.2	511.5	511.6	511.7	511.8	512.0	512.1
132.5°	536.2	537.0	537.7	538.5	539.2	539.6	539.4	539.0	538.7	538.3	537.9
135°	562.0	562.8	563.6	564.3	565.1	565.5	565.4	565.1	564.8	564.6	564.3
137.5°	586.1	586.9	587.7	588.4	589.2	589.6	589.5	589.2	588.9	588.7	588.4
140°	609.7	609.9	610.2	610.4	610.7	610.8	610.7	610.6	610.5	610.3	610.2
142.5°	630.9	631.0	631.2	631.3	631.4	631.5	631.6	631.9	632.1	632.4	632.6
145°	651.6	651.8	652.1	652.3	652.6	652.7	652.7	652.7	652.7	652.7	652.7
147.5°	669.9	669.9	669.9	669.9	669.9	669.9	670.0	670.1	670.2	670.4	670.5
150°	687.2	686.9	686.7	686.4	686.1	686.0	686.1	686.4	686.7	686.9	687.2
152.5°	703.8	703.2	702.5	701.9	701.2	700.9	701.0	701.3	701.6	701.8	702.1
155°	717.6	716.8	716.0	715.3	714.5	714.1	714.2	714.5	714.8	715.0	715.3
157.5°	728.5	728.1	727.7	727.4	727.0	726.8	726.8	726.8	726.8	726.8	726.8
160°	740.0	739.2	738.4	737.7	736.9	736.5	736.6	736.7	736.8	737.0	737.1
162.5°	749.2	748.4	747.6	746.9	746.1	745.7	745.8	745.9	746.0	746.2	746.3
165°	757.2	756.4	755.7	754.9	754.2	753.8	753.9	754.0	754.1	754.2	754.3
167.5°	763.5	762.7	762.0	761.2	760.5	760.1	760.2	760.3	760.4	760.5	760.6
170°	768.7	767.8	766.9	766.0	765.1	764.7	764.8	764.9	765.0	765.1	765.2
172.5°	772.1	771.2	770.3	769.4	768.5	768.1	768.2	768.5	768.8	769.0	769.3
175°	774.4	773.6	772.9	772.1	771.4	771.0	771.1	771.2	771.3	771.4	771.5
177.5°	776.1	775.3	774.6	773.8	773.1	772.7	772.8	772.9	773.0	773.2	773.3
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	556.7	559.8	562.5	564.8	566.6	569.3	567.5	568.0	568.9	570.7	570.7
5°	592.8	597.8	600.5	609.5	611.8	611.3	610.0	617.2	616.8	614.1	613.6
7.5°	628.1	636.7	644.3	651.6	653.8	659.7	661.0	664.2	663.3	667.8	665.6
10°	660.1	673.7	680.9	691.8	694.5	697.2	700.8	702.6	706.7	706.2	706.2
12.5°	685.0	701.3	710.8	713.5	723.9	727.0	730.2	736.1	734.7	735.2	737.9
15°	704.4	720.2	728.4	741.0	748.3	751.9	757.3	763.6	762.7	766.8	765.9
17.5°	718.9	733.8	748.7	767.7	768.1	777.6	790.3	793.0	798.9	794.8	794.8
20°	730.6	750.5	771.8	796.2	798.9	804.7	820.1	830.5	837.3	835.0	836.4
22.5°	743.3	771.8	796.6	821.0	834.1	844.5	859.4	875.7	881.6	885.2	884.3
25°	759.6	789.4	826.0	859.9	873.4	893.3	913.2	929.0	933.5	943.5	934.4
27.5°	776.3	818.3	863.9	903.7	920.9	937.1	961.1	972.8	978.7	983.2	980.1
30°	790.3	848.1	897.8	934.4	946.6	956.1	969.7	972.4	970.1	973.7	978.2
32.5°	812.0	868.4	910.5	928.1	926.7	926.3	915.9	901.4	898.3	889.7	901.4
35°	823.7	868.9	885.2	861.7	852.2	835.0	802.0	780.3	761.4	757.3	758.2
37.5°	816.9	834.6	815.1	753.2	737.9	711.7	667.8	637.1	623.1	612.3	626.3
40°	780.3	760.9	707.6	632.1	610.0	585.1	544.0	527.3	507.4	503.4	521.9
42.5°	719.8	660.6	585.1	526.9	503.8	489.8	455.5	439.6	425.6	419.3	429.7
45°	637.6	565.7	489.8	441.9	422.5	405.8	385.4	368.7	359.7	357.0	365.5
47.5°	552.6	476.7	416.1	380.5	360.1	347.5	328.5	319.0	311.8	312.7	314.0
50°	471.3	402.1	355.6	319.9	310.0	300.0	287.4	279.2	275.6	277.0	276.1
52.5°	401.2	345.2	305.9	278.3	273.8	264.3	253.9	247.2	245.8	246.3	247.6
55°	339.8	296.0	264.8	244.9	239.9	233.2	226.8	222.3	218.7	220.0	219.6
57.5°	293.2	254.8	230.9	214.6	211.0	206.9	201.1	198.8	197.5	194.7	197.0
60°	252.1	221.0	200.2	190.2	187.1	184.4	178.0	175.3	174.4	173.1	176.7
62.5°	213.3	191.1	175.3	166.3	163.1	160.4	157.2	155.0	155.4	153.6	155.4
65°	182.5	164.5	153.2	145.0	141.0	139.2	138.7	135.1	134.6	135.1	135.6
67.5°	154.1	138.7	130.1	125.2	122.0	120.2	118.8	116.6	118.4	117.0	117.9
70°	128.3	117.9	108.9	103.9	102.6	103.0	100.8	99.9	100.3	99.4	100.3
72.5°	103.5	94.9	91.3	87.7	85.9	85.4	84.0	82.7	84.0	83.6	83.6
75°	82.7	76.4	72.3	70.0	70.0	69.1	66.9	66.9	66.9	66.4	66.9
77.5°	63.7	58.3	56.5	54.2	54.2	52.9	52.4	52.4	51.5	52.9	52.0
80°	47.4	43.4	40.7	39.3	39.3	38.9	38.0	37.5	38.0	37.5	37.5
82.5°	30.7	28.9	27.6	26.2	25.8	26.2	25.8	24.9	25.3	24.9	25.8
85°	17.6	15.8	15.8	14.9	15.4	14.5	14.9	14.0	13.6	14.9	14.0
87.5°	7.7	7.2	7.2	6.3	6.3	6.3	5.9	6.3	5.9	5.4	5.9
90°	9.8	10.5	11.1	11.8	12.1	12.3	12.7	13.0	13.4	13.8	13.4
92.5°	9.8	10.5	11.1	11.8	12.1	12.2	12.3	12.4	12.5	12.6	12.5
95°	9.8	10.5	11.1	11.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1
97.5°	10.6	10.8	11.1	11.4	11.5	11.6	11.7	11.8	12.0	12.1	12.0
100°	80.9	61.9	42.9	23.9	14.4	14.1	13.6	13.1	12.6	12.1	12.6
102.5°	134.6	134.8	135.1	135.4	135.5	130.1	119.4	108.7	98.0	87.3	98.0
105°	171.1	171.1	171.1	171.1	171.1	171.0	170.9	170.8	170.6	170.5	170.6
107.5°	209.1	209.2	209.3	209.4	209.5	209.2	208.7	208.2	207.7	207.2	207.7
110°	246.4	246.0	245.7	245.3	245.1	245.2	245.3	245.4	245.6	245.7	245.6

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	283.1	282.6	282.1	281.6	281.3	281.2	280.9	280.6	280.4	280.1	280.4
115°	319.8	319.3	318.8	318.3	318.0	317.6	316.9	316.1	315.4	314.6	315.4
117.5°	355.7	355.0	354.2	353.5	353.1	353.0	352.7	352.4	352.2	351.9	352.2
120°	389.5	389.3	389.0	388.7	388.6	388.3	387.7	387.0	386.4	385.8	386.4
122.5°	422.3	422.0	421.8	421.5	421.4	421.0	420.2	419.5	418.7	417.9	418.7
125°	454.2	453.7	453.2	452.7	452.4	452.2	451.8	451.4	451.0	450.6	451.0
127.5°	483.1	482.9	482.6	482.3	482.2	481.7	480.7	479.6	478.6	477.6	478.6
130°	511.7	511.3	510.9	510.5	510.3	510.0	509.4	508.7	508.1	507.5	508.1
132.5°	537.9	537.9	537.9	537.9	537.9	537.6	536.9	536.3	535.6	535.0	535.6
135°	564.1	563.8	563.6	563.3	563.2	562.8	562.0	561.3	560.5	559.7	560.5
137.5°	588.4	588.4	588.4	588.4	588.4	588.1	587.5	586.8	586.2	585.6	586.2
140°	610.5	610.7	611.0	611.3	611.4	611.0	610.2	609.5	608.7	607.9	608.7
142.5°	632.6	632.6	632.6	632.6	632.6	632.2	631.5	630.7	630.0	629.2	630.0
145°	652.8	653.0	653.1	653.2	653.3	652.9	652.1	651.4	650.6	649.8	650.6
147.5°	670.6	670.8	670.9	671.0	671.1	670.7	669.8	668.9	668.0	667.1	668.0
150°	687.4	687.7	687.9	688.2	688.3	687.8	686.8	685.7	684.7	683.7	684.7
152.5°	702.3	702.6	702.8	703.1	703.2	702.8	701.9	701.0	700.1	699.2	700.1
155°	715.7	716.1	716.4	716.8	717.0	716.5	715.5	714.4	713.4	712.4	713.4
157.5°	727.2	727.6	727.9	728.3	728.5	728.0	727.0	725.9	724.9	723.9	724.9
160°	737.6	738.1	738.6	739.1	739.4	738.9	737.9	736.8	735.8	734.8	735.8
162.5°	747.1	747.8	748.6	749.3	749.7	749.1	748.0	746.9	745.7	744.6	745.7
165°	755.1	755.9	756.6	757.4	757.8	757.3	756.3	755.2	754.2	753.2	754.2
167.5°	761.5	762.4	763.3	764.2	764.7	764.1	763.0	761.8	760.7	759.5	760.7
170°	766.2	767.2	768.3	769.3	769.8	769.2	768.1	767.0	765.8	764.7	765.8
172.5°	770.2	771.1	772.0	772.9	773.3	772.7	771.6	770.4	769.3	768.1	769.3
175°	772.5	773.5	774.6	775.6	776.1	775.5	774.4	773.3	772.1	771.0	772.1
177.5°	774.2	775.1	776.0	776.9	777.3	776.8	775.8	774.7	773.7	772.7	773.7
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	569.8	566.6	567.5	566.6	564.4	563.0	559.4	554.9	553.1	550.8	549.4
5°	615.4	613.2	612.7	609.1	608.2	602.8	593.7	589.2	583.8	578.4	572.9
7.5°	665.1	662.4	653.4	652.0	652.9	646.1	634.4	625.4	614.1	606.4	596.0
10°	706.2	700.8	693.1	693.6	690.4	681.4	669.6	660.1	643.9	633.9	619.0
12.5°	731.1	726.6	725.7	721.1	718.4	706.7	692.7	680.5	668.3	654.7	643.4
15°	761.4	755.5	751.4	745.1	743.3	731.1	715.7	701.7	687.7	675.1	651.1
17.5°	794.8	788.5	773.1	771.8	760.9	749.2	734.2	713.5	698.6	680.5	662.9
20°	832.8	823.7	803.8	798.9	790.3	770.8	750.5	727.5	703.5	685.0	664.2
22.5°	875.2	859.4	845.0	829.1	822.8	798.9	770.8	742.8	713.9	688.6	663.8
25°	930.3	909.6	889.2	873.4	862.6	831.4	793.9	756.8	723.4	690.4	657.9
27.5°	973.7	955.7	933.5	912.7	898.7	861.7	818.7	770.8	729.3	689.1	654.3
30°	976.9	971.5	957.9	946.6	931.3	891.5	844.0	789.8	738.3	689.5	647.0
32.5°	917.7	928.5	934.4	936.2	933.1	910.0	866.6	807.0	746.4	685.4	640.7
35°	790.3	819.2	854.9	868.4	881.6	893.8	871.2	819.2	749.2	684.5	630.8
37.5°	650.7	676.9	736.1	763.2	778.5	826.9	845.4	817.4	754.6	685.4	621.3
40°	525.0	566.6	609.1	645.7	669.6	723.9	781.2	787.6	746.9	676.9	609.1
42.5°	441.9	466.3	498.4	532.3	553.5	617.7	695.4	741.0	723.0	662.9	594.2
45°	376.4	394.5	424.7	436.0	463.1	524.6	606.8	672.8	681.8	640.7	577.0
47.5°	323.1	338.4	357.9	371.9	393.6	439.6	509.2	582.0	625.4	610.4	553.1
50°	284.7	297.3	313.6	321.7	335.7	377.3	429.7	502.0	560.3	565.3	521.9
52.5°	252.6	259.8	272.5	281.5	292.8	318.1	365.5	425.2	490.7	517.8	483.5
55°	224.6	230.4	241.7	247.6	253.5	275.2	312.2	366.4	427.9	463.6	444.2
57.5°	199.3	204.2	213.7	219.1	222.3	243.1	271.6	314.0	369.2	412.5	401.7
60°	178.5	183.0	188.4	192.5	196.1	213.3	233.2	267.5	316.7	358.8	356.1
62.5°	156.3	160.4	166.3	170.3	173.5	184.4	201.1	227.3	269.3	308.2	315.8
65°	136.9	140.1	144.1	145.9	150.0	158.1	171.7	195.2	229.5	264.3	269.8
67.5°	119.3	120.2	122.9	127.0	127.9	135.1	147.3	164.9	191.6	220.0	228.6
70°	100.3	101.7	103.9	107.1	108.9	113.4	123.8	135.6	158.6	183.4	189.8
72.5°	83.6	85.4	86.3	88.1	89.0	96.2	100.8	112.5	128.3	149.1	155.9
75°	67.8	69.6	70.0	70.9	71.8	75.0	81.3	88.6	101.7	115.2	124.3
77.5°	53.8	53.3	54.2	55.6	55.1	57.8	61.9	68.2	76.8	88.1	94.0
80°	38.0	38.0	39.3	40.7	40.2	42.9	44.3	48.8	56.0	63.3	65.5
82.5°	25.3	25.3	26.7	26.7	27.6	28.0	29.8	32.1	38.0	41.6	42.9
85°	14.5	14.5	14.9	14.9	14.9	15.8	17.2	18.1	19.9	22.1	23.0
87.5°	5.9	6.3	6.3	6.3	6.3	7.2	7.2	8.1	8.6	9.5	9.5
90°	13.0	12.7	12.3	12.1	11.8	11.1	10.5	9.8	9.2	8.3	7.4
92.5°	12.4	12.3	12.2	12.1	11.8	11.1	10.5	9.8	9.2	8.4	7.6
95°	12.1	12.1	12.1	12.1	11.8	11.1	10.5	9.8	9.2	14.0	18.9
97.5°	11.8	11.7	11.6	11.5	11.4	11.1	10.8	10.6	10.3	22.4	34.6
100°	13.1	13.6	14.1	14.4	23.9	42.9	61.9	80.9	99.9	99.4	98.9
102.5°	108.7	119.4	130.1	135.5	135.4	135.1	134.8	134.6	134.3	134.1	133.8
105°	170.8	170.9	171.0	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1
107.5°	208.2	208.7	209.2	209.5	209.4	209.3	209.2	209.1	209.0	208.7	208.5
110°	245.4	245.3	245.2	245.1	245.3	245.7	246.0	246.4	246.8	246.6	246.3



TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	280.6	280.9	281.2	281.3	281.6	282.1	282.6	283.1	283.6	283.5	283.3
115°	316.1	316.9	317.6	318.0	318.3	318.8	319.3	319.8	320.3	320.2	320.1
117.5°	352.4	352.7	353.0	353.1	353.5	354.2	355.0	355.7	356.5	356.0	355.5
120°	387.0	387.7	388.3	388.6	388.7	389.0	389.3	389.5	389.8	389.4	389.0
122.5°	419.5	420.2	421.0	421.4	421.5	421.8	422.0	422.3	422.5	422.4	422.2
125°	451.4	451.8	452.2	452.4	452.7	453.2	453.7	454.2	454.7	454.7	454.7
127.5°	479.6	480.7	481.7	482.2	482.3	482.6	482.9	483.1	483.4	483.5	483.6
130°	508.7	509.4	510.0	510.3	510.5	510.9	511.3	511.7	512.1	512.0	511.8
132.5°	536.3	536.9	537.6	537.9	537.9	537.9	537.9	537.9	537.9	538.3	538.7
135°	561.3	562.0	562.8	563.2	563.3	563.6	563.8	564.1	564.3	564.6	564.8
137.5°	586.8	587.5	588.1	588.4	588.4	588.4	588.4	588.4	588.4	588.7	588.9
140°	609.5	610.2	611.0	611.4	611.3	611.0	610.7	610.5	610.2	610.3	610.5
142.5°	630.7	631.5	632.2	632.6	632.6	632.6	632.6	632.6	632.6	632.4	632.1
145°	651.4	652.1	652.9	653.3	653.2	653.1	653.0	652.8	652.7	652.7	652.7
147.5°	668.9	669.8	670.7	671.1	671.0	670.9	670.8	670.6	670.5	670.4	670.2
150°	685.7	686.8	687.8	688.3	688.2	687.9	687.7	687.4	687.2	686.9	686.7
152.5°	701.0	701.9	702.8	703.2	703.1	702.8	702.6	702.3	702.1	701.8	701.6
155°	714.4	715.5	716.5	717.0	716.8	716.4	716.1	715.7	715.3	715.0	714.8
157.5°	725.9	727.0	728.0	728.5	728.3	727.9	727.6	727.2	726.8	726.8	726.8
160°	736.8	737.9	738.9	739.4	739.1	738.6	738.1	737.6	737.1	737.0	736.8
162.5°	746.9	748.0	749.1	749.7	749.3	748.6	747.8	747.1	746.3	746.2	746.0
165°	755.2	756.3	757.3	757.8	757.4	756.6	755.9	755.1	754.3	754.2	754.1
167.5°	761.8	763.0	764.1	764.7	764.2	763.3	762.4	761.5	760.6	760.5	760.4
170°	767.0	768.1	769.2	769.8	769.3	768.3	767.2	766.2	765.2	765.1	765.0
172.5°	770.4	771.6	772.7	773.3	772.9	772.0	771.1	770.2	769.3	769.0	768.8
175°	773.3	774.4	775.5	776.1	775.6	774.6	773.5	772.5	771.5	771.4	771.3
177.5°	774.7	775.8	776.8	777.3	776.9	776.0	775.1	774.2	773.3	773.2	773.0
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	547.6	545.4	542.7	542.7	539.5	538.1	535.4	534.5	532.3	528.7	525.9
5°	567.1	561.2	557.6	554.4	547.6	542.7	537.7	532.3	526.9	520.5	513.3
7.5°	586.0	575.2	570.2	564.8	554.9	544.5	534.5	527.3	520.1	510.1	501.1
10°	605.9	592.4	583.3	576.1	560.7	547.6	533.2	522.8	511.5	498.8	487.1
12.5°	622.6	605.0	597.3	583.8	566.2	550.3	532.3	516.5	501.5	486.6	472.2
15°	636.7	619.9	601.0	595.5	571.1	548.5	528.2	507.9	489.3	474.4	457.7
17.5°	641.2	619.9	610.4	597.3	568.4	544.9	519.2	497.0	479.4	457.3	444.2
20°	642.5	622.2	609.1	596.9	571.1	540.0	514.7	487.5	466.3	444.2	423.4
22.5°	638.9	615.0	602.3	590.6	561.6	535.0	505.6	475.8	450.9	430.6	409.8
25°	632.1	604.1	591.9	579.3	551.7	522.3	490.3	461.8	438.7	414.3	394.0
27.5°	623.1	591.0	577.0	563.9	536.8	509.2	479.0	449.6	423.8	398.1	379.1
30°	611.8	574.7	562.1	544.9	518.7	492.5	464.9	435.6	406.7	382.3	361.5
32.5°	597.3	558.5	541.8	525.5	497.0	473.1	446.9	419.3	391.3	367.4	345.7
35°	584.2	540.0	521.4	505.2	473.5	448.2	426.5	400.8	375.9	351.1	331.7
37.5°	566.6	521.4	499.3	482.6	450.5	424.7	404.4	384.5	358.3	334.4	316.3
40°	548.1	498.4	477.6	460.9	427.4	399.4	380.0	362.4	341.1	319.0	300.0
42.5°	531.4	476.2	454.1	433.8	399.9	375.0	355.2	341.6	322.2	302.3	285.1
45°	510.1	452.7	428.8	407.6	375.0	347.9	328.9	318.1	303.6	284.2	269.3
47.5°	488.4	427.4	402.6	381.8	346.6	322.6	304.1	293.7	283.8	268.4	253.5
50°	460.0	400.8	378.2	354.2	319.5	295.1	279.7	269.3	261.6	250.8	238.1
52.5°	428.8	373.2	348.8	328.0	293.7	271.6	253.9	248.1	240.4	232.2	221.4
55°	395.8	343.4	319.9	299.6	267.9	245.4	230.9	224.6	218.7	212.4	205.1
57.5°	362.8	312.2	290.1	272.0	242.6	221.0	209.2	200.6	196.6	192.9	187.1
60°	321.7	278.8	261.6	245.4	216.4	196.6	185.3	178.9	175.3	173.5	170.8
62.5°	285.6	250.3	231.3	215.5	192.5	174.9	164.0	159.0	155.9	155.0	151.8
65°	247.2	216.9	202.0	188.4	168.5	152.7	143.7	137.8	135.6	135.1	135.1
67.5°	211.0	186.6	171.7	162.2	145.0	131.0	122.5	120.2	118.8	117.0	116.6
70°	177.1	157.7	144.6	136.5	121.1	110.7	103.9	100.3	100.3	99.0	98.1
72.5°	147.3	127.9	119.3	112.5	99.9	90.8	85.9	84.9	81.8	81.3	81.3
75°	115.2	100.8	94.9	89.0	79.5	73.2	69.1	66.9	65.1	65.1	65.5
77.5°	86.8	76.8	71.4	66.9	60.1	56.0	52.9	52.0	50.2	50.2	50.2
80°	61.5	56.0	52.0	48.3	43.4	39.8	38.0	36.1	36.1	35.7	36.1
82.5°	39.8	35.2	33.0	32.5	28.0	26.7	24.4	24.9	23.5	23.0	23.9
85°	23.0	20.8	18.1	17.2	15.4	13.6	12.7	13.1	12.7	12.2	12.7
87.5°	9.0	7.7	7.2	7.2	5.9	5.4	5.0	5.4	4.5	4.5	5.0
90°	6.5	5.6	5.2	4.7	3.7	2.6	1.6	0.6	1.6	2.6	3.7
92.5°	6.9	6.1	5.7	6.3	7.4	8.6	9.7	10.9	9.7	8.6	7.4
95°	23.7	28.6	31.0	31.2	31.6	31.9	32.3	32.7	32.3	31.9	31.6
97.5°	46.7	58.8	64.9	64.5	63.7	63.0	62.2	61.4	62.2	63.0	63.7
100°	98.4	97.9	97.6	97.4	97.0	96.7	96.3	95.9	96.3	96.7	97.0
102.5°	133.6	133.3	133.2	132.9	132.4	131.9	131.4	130.9	131.4	131.9	132.4
105°	171.1	171.1	171.1	170.8	170.3	169.8	169.3	168.8	169.3	169.8	170.3
107.5°	208.2	207.9	207.8	207.8	207.8	207.8	207.8	207.8	207.8	207.8	207.8
110°	246.1	245.8	245.7	245.7	245.7	245.7	245.7	245.7	245.7	245.7	245.7

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	283.2	283.1	283.0	282.8	282.4	282.1	281.7	281.3	281.7	282.1	282.4
115°	320.0	319.9	319.8	319.5	318.8	318.2	317.5	316.9	317.5	318.2	318.8
117.5°	355.0	354.5	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2	354.2
120°	388.7	388.3	388.1	388.2	388.3	388.4	388.5	388.6	388.5	388.4	388.3
122.5°	422.1	422.0	421.9	421.6	421.0	420.3	419.7	419.1	419.7	420.3	421.0
125°	454.7	454.7	454.7	454.2	453.3	452.4	451.5	450.6	451.5	452.4	453.3
127.5°	483.7	483.8	483.9	483.6	483.0	482.3	481.7	481.1	481.7	482.3	483.0
130°	511.7	511.6	511.5	511.2	510.5	509.9	509.2	508.6	509.2	509.9	510.5
132.5°	539.0	539.4	539.6	539.2	538.5	537.7	537.0	536.2	537.0	537.7	538.5
135°	565.1	565.4	565.5	565.1	564.3	563.6	562.8	562.0	562.8	563.6	564.3
137.5°	589.2	589.5	589.6	589.2	588.4	587.7	586.9	586.1	586.9	587.7	588.4
140°	610.6	610.7	610.8	610.7	610.4	610.2	609.9	609.7	609.9	610.2	610.4
142.5°	631.9	631.6	631.5	631.4	631.3	631.2	631.0	630.9	631.0	631.2	631.3
145°	652.7	652.7	652.7	652.6	652.3	652.1	651.8	651.6	651.8	652.1	652.3
147.5°	670.1	670.0	669.9	669.9	669.9	669.9	669.9	669.9	669.9	669.9	669.9
150°	686.4	686.1	686.0	686.1	686.4	686.7	686.9	687.2	686.9	686.7	686.4
152.5°	701.3	701.0	700.9	701.2	701.9	702.5	703.2	703.8	703.2	702.5	701.9
155°	714.5	714.2	714.1	714.5	715.3	716.0	716.8	717.6	716.8	716.0	715.3
157.5°	726.8	726.8	726.8	727.0	727.4	727.7	728.1	728.5	728.1	727.7	727.4
160°	736.7	736.6	736.5	736.9	737.7	738.4	739.2	740.0	739.2	738.4	737.7
162.5°	745.9	745.8	745.7	746.1	746.9	747.6	748.4	749.2	748.4	747.6	746.9
165°	754.0	753.9	753.8	754.2	754.9	755.7	756.4	757.2	756.4	755.7	754.9
167.5°	760.3	760.2	760.1	760.5	761.2	762.0	762.7	763.5	762.7	762.0	761.2
170°	764.9	764.8	764.7	765.1	766.0	766.9	767.8	768.7	767.8	766.9	766.0
172.5°	768.5	768.2	768.1	768.5	769.4	770.3	771.2	772.1	771.2	770.3	769.4
175°	771.2	771.1	771.0	771.4	772.1	772.9	773.6	774.4	773.6	772.9	772.1
177.5°	772.9	772.8	772.7	773.1	773.8	774.6	775.3	776.1	775.3	774.6	773.8
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	525.0	524.1	521.9	520.5	516.0	510.6	508.8	504.3	506.1	502.9	502.9
5°	511.0	507.0	504.3	500.2	491.6	485.7	479.4	476.2	474.4	472.2	470.4
7.5°	493.0	489.8	487.1	479.4	469.9	461.8	454.1	450.9	445.1	441.0	439.2
10°	477.1	472.6	466.3	457.3	447.3	436.9	430.2	423.4	418.9	416.6	411.6
12.5°	460.9	455.5	448.7	435.6	424.7	418.4	406.2	399.9	397.6	395.8	389.9
15°	444.2	438.3	430.2	418.0	408.5	393.6	386.3	381.4	375.9	375.5	371.0
17.5°	429.3	422.0	415.2	400.3	388.6	375.5	371.4	366.0	361.0	355.6	353.3
20°	410.3	403.5	398.5	382.3	369.2	361.0	354.2	349.7	346.6	341.1	340.2
22.5°	393.1	385.9	379.1	366.9	355.6	345.2	337.1	332.1	330.8	328.5	324.4
25°	376.4	369.2	361.0	349.7	338.0	330.8	323.5	320.4	317.6	314.0	310.9
27.5°	362.4	355.6	347.9	333.9	324.0	318.6	310.9	307.3	303.6	301.8	300.5
30°	345.7	338.0	332.1	321.3	310.4	303.2	297.8	294.6	291.4	289.6	288.7
32.5°	329.4	322.2	318.1	306.4	297.8	289.2	285.1	282.9	281.0	279.2	277.4
35°	316.3	309.1	302.7	291.9	283.3	277.4	274.3	270.7	269.3	267.5	267.5
37.5°	300.0	294.6	288.3	277.9	270.2	265.7	263.0	258.5	258.0	257.1	255.7
40°	286.0	280.6	274.7	265.7	258.9	253.5	249.9	247.6	246.3	245.4	244.4
42.5°	271.1	265.2	262.5	252.1	246.3	240.8	239.0	236.8	236.3	234.5	232.2
45°	256.6	251.7	246.3	238.6	233.6	229.1	226.4	224.6	222.3	221.9	220.5
47.5°	244.0	238.1	233.2	225.9	220.5	216.9	214.6	212.4	210.6	209.2	207.8
50°	227.7	223.2	219.1	211.5	206.9	203.3	200.2	198.4	196.6	196.6	196.6
52.5°	211.9	207.8	204.2	198.8	193.4	190.2	186.6	185.3	184.4	183.0	184.4
55°	196.6	192.5	188.9	184.8	178.5	175.8	172.2	170.8	171.2	171.2	172.6
57.5°	180.3	177.1	174.9	169.9	164.0	161.3	159.0	157.7	157.7	159.5	160.0
60°	164.5	161.3	157.2	152.7	149.1	145.9	144.6	145.0	145.0	145.9	148.2
62.5°	146.8	145.0	142.8	136.5	134.2	131.9	130.1	131.5	131.0	133.3	136.5
65°	130.6	128.8	125.6	122.5	119.7	117.5	117.0	117.5	118.4	120.6	124.3
67.5°	112.5	112.5	109.8	107.1	104.8	102.6	103.0	103.5	104.4	107.1	112.5
70°	97.6	95.8	93.1	91.3	89.5	88.6	87.7	89.5	92.2	94.0	98.1
72.5°	81.3	80.0	77.7	75.9	75.5	74.6	74.1	75.0	77.7	80.9	85.4
75°	64.2	64.6	63.3	61.9	61.9	60.5	61.5	61.5	64.2	67.3	70.9
77.5°	49.7	49.3	48.8	47.9	47.4	47.4	47.4	48.3	51.1	52.9	56.5
80°	35.2	35.7	34.3	34.8	34.3	34.8	34.8	36.6	38.0	40.2	42.9
82.5°	23.5	23.5	22.6	23.0	23.0	23.0	23.5	24.4	26.2	28.0	29.8
85°	13.1	13.6	12.7	13.6	13.6	13.6	14.0	14.5	15.8	16.3	18.1
87.5°	5.0	5.9	5.9	5.0	5.4	5.9	6.3	5.9	6.8	7.7	8.1
90°	4.7	5.2	5.6	6.5	7.4	8.3	9.2	9.8	10.5	11.1	11.8
92.5°	6.3	5.7	6.1	6.9	7.6	8.4	9.2	9.8	10.5	11.1	11.8
95°	31.2	31.0	28.6	23.7	18.9	14.0	9.2	9.8	10.5	11.1	11.8
97.5°	64.5	64.9	58.8	46.7	34.6	22.4	10.3	10.6	10.8	11.1	11.4
100°	97.4	97.6	97.9	98.4	98.9	99.4	99.9	80.9	61.9	42.9	23.9
102.5°	132.9	133.2	133.3	133.6	133.8	134.1	134.3	134.6	134.8	135.1	135.4
105°	170.8	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1
107.5°	207.8	207.8	207.9	208.2	208.5	208.7	209.0	209.1	209.2	209.3	209.4
110°	245.7	245.7	245.8	246.1	246.3	246.6	246.8	246.4	246.0	245.7	245.3

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	282.8	283.0	283.1	283.2	283.3	283.5	283.6	283.1	282.6	282.1	281.6
115°	319.5	319.8	319.9	320.0	320.1	320.2	320.3	319.8	319.3	318.8	318.3
117.5°	354.2	354.2	354.5	355.0	355.5	356.0	356.5	355.7	355.0	354.2	353.5
120°	388.2	388.1	388.3	388.7	389.0	389.4	389.8	389.5	389.3	389.0	388.7
122.5°	421.6	421.9	422.0	422.1	422.2	422.4	422.5	422.3	422.0	421.8	421.5
125°	454.2	454.7	454.7	454.7	454.7	454.7	454.7	454.2	453.7	453.2	452.7
127.5°	483.6	483.9	483.8	483.7	483.6	483.5	483.4	483.1	482.9	482.6	482.3
130°	511.2	511.5	511.6	511.7	511.8	512.0	512.1	511.7	511.3	510.9	510.5
132.5°	539.2	539.6	539.4	539.0	538.7	538.3	537.9	537.9	537.9	537.9	537.9
135°	565.1	565.5	565.4	565.1	564.8	564.6	564.3	564.1	563.8	563.6	563.3
137.5°	589.2	589.6	589.5	589.2	588.9	588.7	588.4	588.4	588.4	588.4	588.4
140°	610.7	610.8	610.7	610.6	610.5	610.3	610.2	610.5	610.7	611.0	611.3
142.5°	631.4	631.5	631.6	631.9	632.1	632.4	632.6	632.6	632.6	632.6	632.6
145°	652.6	652.7	652.7	652.7	652.7	652.7	652.7	652.8	653.0	653.1	653.2
147.5°	669.9	669.9	670.0	670.1	670.2	670.4	670.5	670.6	670.8	670.9	671.0
150°	686.1	686.0	686.1	686.4	686.7	686.9	687.2	687.4	687.7	687.9	688.2
152.5°	701.2	700.9	701.0	701.3	701.6	701.8	702.1	702.3	702.6	702.8	703.1
155°	714.5	714.1	714.2	714.5	714.8	715.0	715.3	715.7	716.1	716.4	716.8
157.5°	727.0	726.8	726.8	726.8	726.8	726.8	726.8	727.2	727.6	727.9	728.3
160°	736.9	736.5	736.6	736.7	736.8	737.0	737.1	737.6	738.1	738.6	739.1
162.5°	746.1	745.7	745.8	745.9	746.0	746.2	746.3	747.1	747.8	748.6	749.3
165°	754.2	753.8	753.9	754.0	754.1	754.2	754.3	755.1	755.9	756.6	757.4
167.5°	760.5	760.1	760.2	760.3	760.4	760.5	760.6	761.5	762.4	763.3	764.2
170°	765.1	764.7	764.8	764.9	765.0	765.1	765.2	766.2	767.2	768.3	769.3
172.5°	768.5	768.1	768.2	768.5	768.8	769.0	769.3	770.2	771.1	772.0	772.9
175°	771.4	771.0	771.1	771.2	771.3	771.4	771.5	772.5	773.5	774.6	775.6
177.5°	773.1	772.7	772.8	772.9	773.0	773.2	773.3	774.2	775.1	776.0	776.9
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	504.7	501.5	501.1	502.0	500.2	502.9	502.0	502.9	500.6	502.9	501.5
5°	469.9	469.0	467.2	464.9	465.4	465.9	468.1	465.9	467.7	468.1	470.4
7.5°	437.4	435.6	436.9	436.0	432.0	431.1	432.0	433.3	436.0	437.8	439.2
10°	411.2	410.3	408.5	407.1	404.9	403.5	405.3	403.5	407.1	410.3	410.3
12.5°	391.3	387.7	385.4	385.0	380.0	380.9	382.7	384.1	388.1	389.9	389.9
15°	370.5	367.8	366.9	365.1	363.3	365.1	364.2	365.5	367.4	369.2	370.1
17.5°	352.4	352.0	352.4	347.9	349.3	347.0	347.5	349.7	348.4	349.7	352.4
20°	336.2	337.1	335.7	333.9	333.9	331.2	334.4	333.5	333.9	336.6	340.7
22.5°	324.0	323.5	322.2	320.8	319.0	319.5	319.9	319.0	322.6	324.9	325.3
25°	310.9	310.0	309.5	308.2	306.4	308.2	307.7	308.2	309.1	312.7	310.0
27.5°	298.7	296.9	297.8	296.4	296.0	296.4	296.4	296.9	297.8	298.2	298.7
30°	288.3	286.5	286.0	285.1	284.7	285.1	286.0	285.1	288.7	288.3	288.3
32.5°	277.0	275.6	274.7	274.7	274.3	273.8	274.3	274.7	277.4	275.6	277.4
35°	266.1	265.2	265.2	264.3	263.9	263.9	263.9	265.7	264.8	266.1	266.1
37.5°	255.7	255.7	255.3	254.4	253.9	254.4	253.9	254.8	254.4	254.8	255.3
40°	244.9	244.0	243.5	243.5	242.2	240.8	242.2	242.2	242.6	244.0	244.4
42.5°	231.8	232.2	232.2	230.4	230.4	230.4	230.9	231.3	231.3	232.2	232.2
45°	220.5	219.6	219.6	219.6	218.7	219.1	220.0	220.0	220.0	220.0	219.1
47.5°	207.8	207.8	208.3	208.3	209.7	209.2	209.2	208.8	207.8	207.8	208.3
50°	196.1	197.5	197.9	197.9	198.4	198.8	198.8	197.9	197.5	196.1	196.1
52.5°	184.8	185.7	186.6	188.0	188.9	188.4	188.4	187.5	185.7	185.3	184.8
55°	172.6	174.0	175.8	177.1	178.5	178.9	178.9	177.1	175.3	173.1	173.1
57.5°	161.3	162.7	165.8	167.2	169.0	169.0	168.1	166.7	164.0	162.2	160.9
60°	150.0	152.3	154.5	157.2	159.5	160.0	158.6	156.8	153.6	151.4	149.6
62.5°	137.8	140.1	144.6	147.3	149.1	149.1	149.1	146.8	142.8	139.6	136.9
65°	126.1	128.3	132.4	136.0	137.4	138.7	137.4	135.1	131.9	128.3	125.6
67.5°	113.9	116.6	120.6	123.4	125.2	126.5	125.6	123.8	119.7	114.8	113.0
70°	100.3	101.7	107.5	110.3	113.0	113.9	113.0	110.3	106.2	100.8	99.0
72.5°	87.7	89.0	94.4	96.7	99.0	99.9	98.5	96.7	93.1	88.1	85.9
75°	73.2	75.5	78.2	81.8	84.5	85.4	84.0	82.7	78.2	75.0	73.2
77.5°	57.8	60.1	63.7	66.9	69.6	69.1	67.3	67.8	62.8	59.2	57.8
80°	43.8	45.6	48.3	51.1	52.4	52.4	52.0	50.2	48.3	45.6	43.4
82.5°	30.3	32.5	34.8	36.6	36.6	37.1	36.1	35.7	33.9	31.6	31.2
85°	18.1	18.5	20.3	20.3	22.1	21.2	20.8	22.1	20.3	19.0	18.5
87.5°	8.1	7.7	8.1	8.1	7.7	8.6	8.6	8.1	8.6	8.1	8.1
90°	12.1	12.3	12.7	13.0	13.4	13.8	13.4	13.0	12.7	12.3	12.1
92.5°	12.1	12.2	12.3	12.4	12.5	12.6	12.5	12.4	12.3	12.2	12.1
95°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
97.5°	11.5	11.6	11.7	11.8	12.0	12.1	12.0	11.8	11.7	11.6	11.5
100°	14.4	14.1	13.6	13.1	12.6	12.1	12.6	13.1	13.6	14.1	14.4
102.5°	135.5	130.1	119.4	108.7	98.0	87.3	98.0	108.7	119.4	130.1	135.5
105°	171.1	171.0	170.9	170.8	170.6	170.5	170.6	170.8	170.9	171.0	171.1
107.5°	209.5	209.2	208.7	208.2	207.7	207.2	207.7	208.2	208.7	209.2	209.5
110°	245.1	245.2	245.3	245.4	245.6	245.7	245.6	245.4	245.3	245.2	245.1



TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	281.3	281.2	280.9	280.6	280.4	280.1	280.4	280.6	280.9	281.2	281.3
115°	318.0	317.6	316.9	316.1	315.4	314.6	315.4	316.1	316.9	317.6	318.0
117.5°	353.1	353.0	352.7	352.4	352.2	351.9	352.2	352.4	352.7	353.0	353.1
120°	388.6	388.3	387.7	387.0	386.4	385.8	386.4	387.0	387.7	388.3	388.6
122.5°	421.4	421.0	420.2	419.5	418.7	417.9	418.7	419.5	420.2	421.0	421.4
125°	452.4	452.2	451.8	451.4	451.0	450.6	451.0	451.4	451.8	452.2	452.4
127.5°	482.2	481.7	480.7	479.6	478.6	477.6	478.6	479.6	480.7	481.7	482.2
130°	510.3	510.0	509.4	508.7	508.1	507.5	508.1	508.7	509.4	510.0	510.3
132.5°	537.9	537.6	536.9	536.3	535.6	535.0	535.6	536.3	536.9	537.6	537.9
135°	563.2	562.8	562.0	561.3	560.5	559.7	560.5	561.3	562.0	562.8	563.2
137.5°	588.4	588.1	587.5	586.8	586.2	585.6	586.2	586.8	587.5	588.1	588.4
140°	611.4	611.0	610.2	609.5	608.7	607.9	608.7	609.5	610.2	611.0	611.4
142.5°	632.6	632.2	631.5	630.7	630.0	629.2	630.0	630.7	631.5	632.2	632.6
145°	653.3	652.9	652.1	651.4	650.6	649.8	650.6	651.4	652.1	652.9	653.3
147.5°	671.1	670.7	669.8	668.9	668.0	667.1	668.0	668.9	669.8	670.7	671.1
150°	688.3	687.8	686.8	685.7	684.7	683.7	684.7	685.7	686.8	687.8	688.3
152.5°	703.2	702.8	701.9	701.0	700.1	699.2	700.1	701.0	701.9	702.8	703.2
155°	717.0	716.5	715.5	714.4	713.4	712.4	713.4	714.4	715.5	716.5	717.0
157.5°	728.5	728.0	727.0	725.9	724.9	723.9	724.9	725.9	727.0	728.0	728.5
160°	739.4	738.9	737.9	736.8	735.8	734.8	735.8	736.8	737.9	738.9	739.4
162.5°	749.7	749.1	748.0	746.9	745.7	744.6	745.7	746.9	748.0	749.1	749.7
165°	757.8	757.3	756.3	755.2	754.2	753.2	754.2	755.2	756.3	757.3	757.8
167.5°	764.7	764.1	763.0	761.8	760.7	759.5	760.7	761.8	763.0	764.1	764.7
170°	769.8	769.2	768.1	767.0	765.8	764.7	765.8	767.0	768.1	769.2	769.8
172.5°	773.3	772.7	771.6	770.4	769.3	768.1	769.3	770.4	771.6	772.7	773.3
175°	776.1	775.5	774.4	773.3	772.1	771.0	772.1	773.3	774.4	775.5	776.1
177.5°	777.3	776.8	775.8	774.7	773.7	772.7	773.7	774.7	775.8	776.8	777.3
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	505.6	502.9	506.1	502.0	502.9	507.9	507.4	511.9	514.7	514.2	516.5
5°	472.2	472.2	473.5	473.1	477.6	481.7	487.1	491.6	496.6	499.3	502.5
7.5°	439.2	443.7	444.6	446.9	452.3	459.1	464.5	471.3	478.5	483.5	487.1
10°	412.1	415.7	419.3	421.1	427.0	436.0	443.7	454.6	463.6	469.0	474.0
12.5°	388.1	392.2	394.0	402.1	406.2	412.1	422.9	434.7	444.6	450.5	454.6
15°	371.0	373.2	377.3	382.3	386.3	393.6	402.6	415.7	425.2	430.2	444.2
17.5°	356.5	359.2	361.5	363.7	370.1	377.7	386.3	397.6	409.8	418.4	425.6
20°	341.6	343.0	345.7	349.3	353.8	361.0	368.7	380.5	391.3	398.1	407.6
22.5°	324.0	328.0	330.8	333.5	338.4	346.6	353.8	362.4	375.9	383.6	393.6
25°	313.6	315.4	317.2	320.4	324.0	331.2	339.3	348.4	359.2	367.4	375.9
27.5°	300.0	302.7	305.0	309.1	311.3	317.2	324.9	333.9	347.0	353.8	361.0
30°	288.7	291.4	293.2	295.1	298.2	304.5	311.8	319.0	331.2	339.8	347.0
32.5°	277.4	280.1	282.4	283.8	286.9	291.0	296.9	305.9	316.3	322.2	331.7
35°	267.5	267.5	270.2	272.0	274.7	278.3	283.8	290.5	301.4	309.1	317.6
37.5°	256.2	256.6	258.9	260.3	263.0	266.6	272.0	278.3	287.4	293.2	301.8
40°	244.4	245.8	246.7	249.0	252.1	253.5	258.9	266.1	275.2	280.6	287.8
42.5°	232.7	233.6	235.9	237.7	240.4	242.6	246.3	253.0	259.8	267.9	273.8
45°	219.6	221.9	223.2	226.4	227.7	230.0	233.6	239.0	247.2	252.1	258.9
47.5°	208.3	209.2	210.1	214.2	216.9	218.2	221.9	225.0	233.6	238.1	244.4
50°	196.1	196.1	197.5	199.3	202.4	205.1	208.3	211.9	218.7	223.2	229.5
52.5°	184.8	183.4	184.4	185.3	188.4	191.1	194.3	199.3	205.6	208.3	213.7
55°	172.6	170.3	171.7	173.1	174.0	177.6	181.2	184.4	189.3	193.4	198.4
57.5°	159.5	159.0	158.1	158.6	160.9	163.1	165.8	169.9	175.8	178.9	181.6
60°	147.8	145.0	144.1	145.0	146.4	147.8	151.4	155.0	160.0	163.1	166.3
62.5°	135.6	132.8	131.0	129.7	131.0	134.2	136.5	139.2	143.2	146.8	149.6
65°	123.8	119.7	117.9	117.0	116.6	118.8	120.6	124.3	127.9	129.2	132.4
67.5°	110.7	107.1	104.8	103.5	103.5	103.5	105.3	108.9	112.5	113.0	116.1
70°	97.6	93.5	91.3	89.5	88.6	89.5	91.7	92.2	95.3	96.2	98.1
72.5°	83.6	80.0	77.3	75.0	75.5	76.4	76.4	77.3	79.1	81.3	81.3
75°	70.5	65.5	64.2	62.4	61.5	61.5	61.5	63.3	64.6	66.4	66.0
77.5°	55.6	52.9	50.2	49.3	47.9	47.4	48.3	48.3	49.3	50.6	51.1
80°	42.9	39.8	38.0	37.1	35.2	34.8	35.2	35.2	36.6	36.1	36.6
82.5°	29.8	27.6	26.2	24.9	23.9	24.4	23.9	23.9	24.4	23.9	23.9
85°	17.2	16.7	15.8	15.4	14.9	14.0	14.9	14.5	14.0	13.6	14.5
87.5°	8.1	7.7	7.7	6.8	6.8	6.3	6.8	6.8	6.3	6.3	6.3
90°	11.8	11.1	10.5	9.8	9.2	8.3	7.4	6.5	5.6	5.2	4.7
92.5°	11.8	11.1	10.5	9.8	9.2	8.4	7.6	6.9	6.1	5.7	6.3
95°	11.8	11.1	10.5	9.8	9.2	14.0	18.9	23.7	28.6	31.0	31.2
97.5°	11.4	11.1	10.8	10.6	10.3	22.4	34.6	46.7	58.8	64.9	64.5
100°	23.9	42.9	61.9	80.9	99.9	99.4	98.9	98.4	97.9	97.6	97.4
102.5°	135.4	135.1	134.8	134.6	134.3	134.1	133.8	133.6	133.3	133.2	132.9
105°	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	171.1	170.8
107.5°	209.4	209.3	209.2	209.1	209.0	208.7	208.5	208.2	207.9	207.8	207.8
110°	245.3	245.7	246.0	246.4	246.8	246.6	246.3	246.1	245.8	245.7	245.7

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CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	281.6	282.1	282.6	283.1	283.6	283.5	283.3	283.2	283.1	283.0	282.8
115°	318.3	318.8	319.3	319.8	320.3	320.2	320.1	320.0	319.9	319.8	319.5
117.5°	353.5	354.2	355.0	355.7	356.5	356.0	355.5	355.0	354.5	354.2	354.2
120°	388.7	389.0	389.3	389.5	389.8	389.4	389.0	388.7	388.3	388.1	388.2
122.5°	421.5	421.8	422.0	422.3	422.5	422.4	422.2	422.1	422.0	421.9	421.6
125°	452.7	453.2	453.7	454.2	454.7	454.7	454.7	454.7	454.7	454.7	454.2
127.5°	482.3	482.6	482.9	483.1	483.4	483.5	483.6	483.7	483.8	483.9	483.6
130°	510.5	510.9	511.3	511.7	512.1	512.0	511.8	511.7	511.6	511.5	511.2
132.5°	537.9	537.9	537.9	537.9	537.9	538.3	538.7	539.0	539.4	539.6	539.2
135°	563.3	563.6	563.8	564.1	564.3	564.6	564.8	565.1	565.4	565.5	565.1
137.5°	588.4	588.4	588.4	588.4	588.4	588.7	588.9	589.2	589.5	589.6	589.2
140°	611.3	611.0	610.7	610.5	610.2	610.3	610.5	610.6	610.7	610.8	610.7
142.5°	632.6	632.6	632.6	632.6	632.6	632.4	632.1	631.9	631.6	631.5	631.4
145°	653.2	653.1	653.0	652.8	652.7	652.7	652.7	652.7	652.7	652.7	652.6
147.5°	671.0	670.9	670.8	670.6	670.5	670.4	670.2	670.1	670.0	669.9	669.9
150°	688.2	687.9	687.7	687.4	687.2	686.9	686.7	686.4	686.1	686.0	686.1
152.5°	703.1	702.8	702.6	702.3	702.1	701.8	701.6	701.3	701.0	700.9	701.2
155°	716.8	716.4	716.1	715.7	715.3	715.0	714.8	714.5	714.2	714.1	714.5
157.5°	728.3	727.9	727.6	727.2	726.8	726.8	726.8	726.8	726.8	726.8	727.0
160°	739.1	738.6	738.1	737.6	737.1	737.0	736.8	736.7	736.6	736.5	736.9
162.5°	749.3	748.6	747.8	747.1	746.3	746.2	746.0	745.9	745.8	745.7	746.1
165°	757.4	756.6	755.9	755.1	754.3	754.2	754.1	754.0	753.9	753.8	754.2
167.5°	764.2	763.3	762.4	761.5	760.6	760.5	760.4	760.3	760.2	760.1	760.5
170°	769.3	768.3	767.2	766.2	765.2	765.1	765.0	764.9	764.8	764.7	765.1
172.5°	772.9	772.0	771.1	770.2	769.3	769.0	768.8	768.5	768.2	768.1	768.5
175°	775.6	774.6	773.5	772.5	771.5	771.4	771.3	771.2	771.1	771.0	771.4
177.5°	776.9	776.0	775.1	774.2	773.3	773.2	773.0	772.9	772.8	772.7	773.1
180°	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4	774.4

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	532.3	532.3	532.3	532.3
2.5°	519.6	524.1	527.3	533.2
5°	507.9	516.0	523.7	531.8
7.5°	496.1	505.6	517.8	528.2
10°	483.0	495.2	509.7	523.7
12.5°	469.9	484.4	500.2	518.7
15°	454.1	472.6	491.2	511.0
17.5°	440.1	459.1	479.0	503.8
20°	424.3	445.1	466.8	492.1
22.5°	410.3	433.3	455.9	482.6
25°	394.5	417.1	441.9	470.4
27.5°	381.4	402.1	426.5	457.3
30°	365.5	388.1	412.5	443.3
32.5°	350.6	372.3	398.1	428.3
35°	335.3	357.4	380.5	409.4
37.5°	320.8	339.8	362.8	390.4
40°	304.5	325.3	346.1	367.8
42.5°	289.6	308.6	328.0	345.2
45°	272.9	289.2	307.7	321.7
47.5°	257.6	272.0	286.5	297.3
50°	242.2	253.5	264.3	273.8
52.5°	224.1	236.8	242.6	248.5
55°	207.8	215.1	220.5	226.4
57.5°	192.0	195.2	197.9	203.3
60°	171.2	174.9	178.0	182.1
62.5°	153.2	155.0	155.9	160.0
65°	136.0	135.6	137.8	140.1
67.5°	117.5	117.0	119.3	120.2
70°	99.4	99.0	99.4	101.7
72.5°	82.2	82.2	82.7	83.6
75°	66.4	66.4	66.9	67.8
77.5°	50.2	51.1	50.6	52.4
80°	36.6	35.7	36.6	37.5
82.5°	23.9	24.9	24.9	23.9
85°	13.6	13.6	13.6	13.6
87.5°	5.9	5.9	6.3	6.8
90°	3.7	2.6	1.6	0.6
92.5°	7.4	8.6	9.7	10.9
95°	31.6	31.9	32.3	32.7
97.5°	63.7	63.0	62.2	61.4
100°	97.0	96.7	96.3	95.9
102.5°	132.4	131.9	131.4	130.9
105°	170.3	169.8	169.3	168.8
107.5°	207.8	207.8	207.8	207.8
110°	245.7	245.7	245.7	245.7

TEST NUMBER: P1026876

CATALOG NUMBER: S125DIP-B375D610UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	282.4	282.1	281.7	281.3
115°	318.8	318.2	317.5	316.9
117.5°	354.2	354.2	354.2	354.2
120°	388.3	388.4	388.5	388.6
122.5°	421.0	420.3	419.7	419.1
125°	453.3	452.4	451.5	450.6
127.5°	483.0	482.3	481.7	481.1
130°	510.5	509.9	509.2	508.6
132.5°	538.5	537.7	537.0	536.2
135°	564.3	563.6	562.8	562.0
137.5°	588.4	587.7	586.9	586.1
140°	610.4	610.2	609.9	609.7
142.5°	631.3	631.2	631.0	630.9
145°	652.3	652.1	651.8	651.6
147.5°	669.9	669.9	669.9	669.9
150°	686.4	686.7	686.9	687.2
152.5°	701.9	702.5	703.2	703.8
155°	715.3	716.0	716.8	717.6
157.5°	727.4	727.7	728.1	728.5
160°	737.7	738.4	739.2	740.0
162.5°	746.9	747.6	748.4	749.2
165°	754.9	755.7	756.4	757.2
167.5°	761.2	762.0	762.7	763.5
170°	766.0	766.9	767.8	768.7
172.5°	769.4	770.3	771.2	772.1
175°	772.1	772.9	773.6	774.4
177.5°	773.8	774.6	775.3	776.1
180°	774.4	774.4	774.4	774.4

(END OF REPORT)