

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: P1034527

Luminaire Tested: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034527
REPORT IS A COMBINATION OF REPORTS P1003656 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

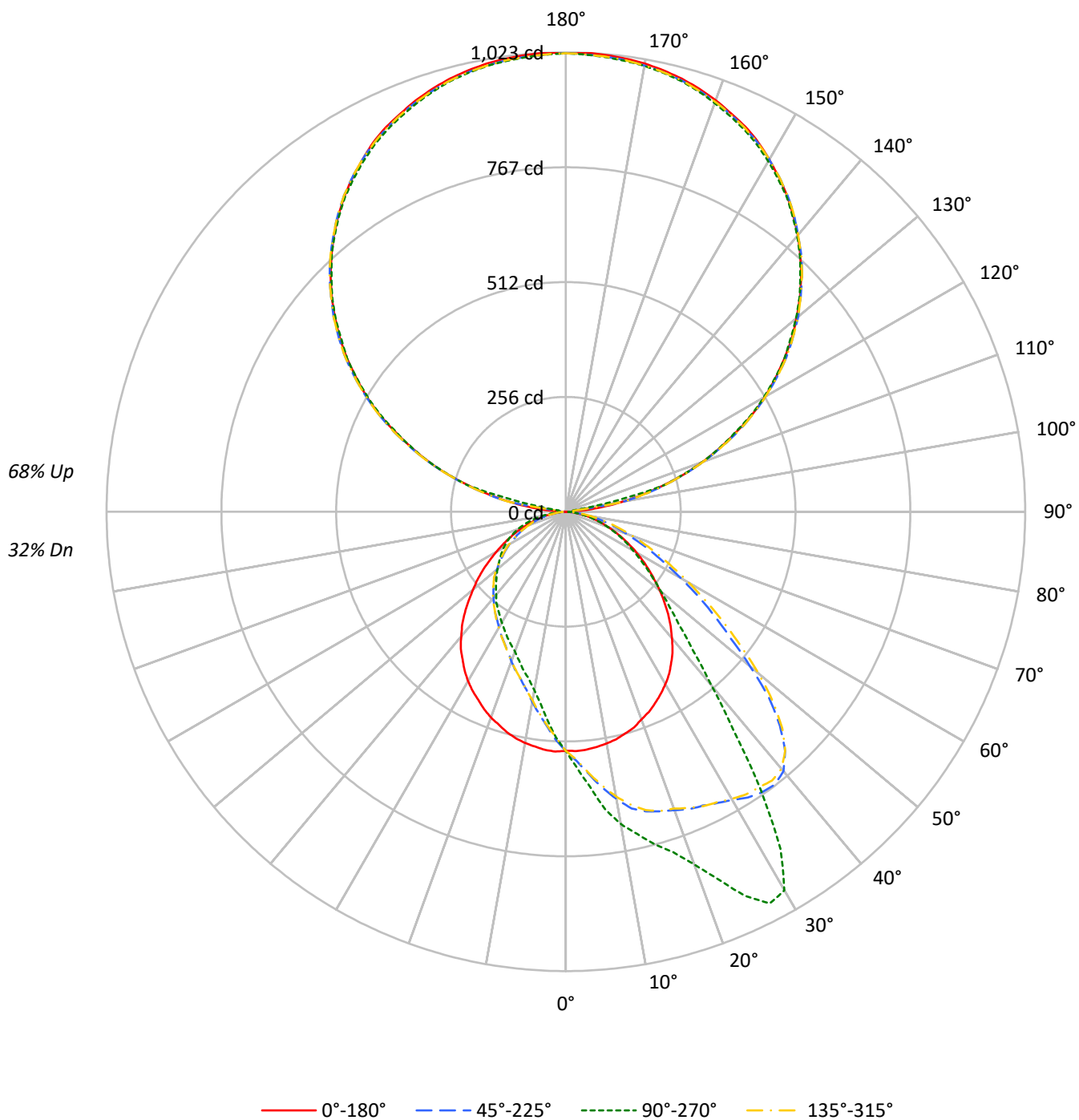
Lumens per Lamp: N/A
Luminaire Lumens: 4640.0 lumens
Efficiency: N/A
Efficacy: 128.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 36.2
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	103	103	103	103	93	93	93	93	74	74	74	56	56	56	40	40	40
1	94	90	86	83	85	81	78	75	65	62	61	49	48	47	36	35	34
2	86	79	73	68	77	71	66	62	57	53	50	44	41	39	31	30	29
3	78	69	62	56	70	63	57	52	50	46	42	39	36	33	28	26	25
4	71	61	54	48	64	55	49	44	44	40	36	34	31	29	25	23	21
5	66	54	47	41	59	49	43	38	40	35	31	31	27	25	23	20	19
6	60	49	41	35	54	44	37	32	36	31	27	28	24	22	20	18	16
7	56	44	36	31	50	40	33	28	32	27	24	25	22	19	19	16	14
8	52	40	32	27	46	36	30	25	29	24	21	23	19	17	17	15	13
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	13	12
10	45	33	26	21	40	30	24	20	25	20	17	19	16	14	15	12	11

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	1.1
10°-20°	152.6	3.3
20°-30°	247.9	5.3
30°-40°	302.9	6.5
40°-50°	274.8	5.9
50°-60°	218.9	4.7
60°-70°	152.4	3.3
70°-80°	81.2	1.8
80°-90°	21.7	0.5
90°-100°	34.7	0.7
100°-110°	230.5	5.0
110°-120°	415.0	8.9
120°-130°	532.7	11.5
130°-140°	572.9	12.3
140°-150°	537.7	11.6
150°-160°	434.9	9.4
160°-170°	281.3	6.1
170°-180°	97.0	2.1
0°-30°	451.7	9.7
0°-40°	754.6	16.3
0°-60°	1248.2	26.9
0°-90°	1503.5	32.4
90°-120°	680.1	14.7
90°-150°	2323.3	50.1
90°-180°	3136.0	67.6
0°-180°	4640.0	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	18	1	18	1	3
95°	43	16	43	16	43	53
105°	222	225	222	225	222	236
115°	418	415	418	415	418	414
125°	594	594	594	594	594	531
135°	741	738	741	738	741	571
145°	859	857	859	857	859	537
155°	946	939	946	939	946	436
165°	998	993	998	993	998	282
175°	1021	1016	1021	1016	1021	97
180°	1021	1021	1021	1021	1021	

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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°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.7	10.9	12.1
92.5°	14.4	12.9	11.4	9.9	8.4	7.6	8.1	9.1	10.1	11.1	12.1
95°	43.1	42.6	42.1	41.6	41.1	40.9	37.7	31.3	24.9	18.5	12.1
97.5°	81.0	82.0	83.0	84.0	85.0	85.5	77.5	61.5	45.6	29.6	13.6
100°	126.4	126.9	127.4	127.9	128.4	128.7	129.0	129.7	130.4	131.0	131.7
102.5°	172.6	173.3	173.9	174.6	175.3	175.6	175.8	176.1	176.4	176.8	177.1
105°	222.5	223.2	223.9	224.6	225.3	225.6	225.6	225.6	225.6	225.6	225.6
107.5°	274.0	274.0	274.0	274.0	274.0	274.0	274.2	274.5	274.8	275.2	275.5
110°	324.0	324.0	324.0	324.0	324.0	324.0	324.2	324.5	324.8	325.2	325.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	370.9	371.4	371.9	372.4	372.9	373.2	373.3	373.4	373.6	373.7	373.9
115°	417.8	418.6	419.5	420.3	421.2	421.6	421.7	421.9	422.0	422.2	422.4
117.5°	467.0	467.0	467.0	467.0	467.0	467.0	467.3	468.0	468.7	469.3	470.0
120°	512.4	512.2	512.1	511.9	511.8	511.7	511.9	512.4	512.9	513.4	513.9
122.5°	552.5	553.3	554.2	555.0	555.9	556.3	556.4	556.6	556.7	556.9	557.1
125°	594.2	595.4	596.6	597.7	598.9	599.5	599.5	599.5	599.5	599.5	599.5
127.5°	634.3	635.1	636.0	636.8	637.7	638.1	638.0	637.8	637.7	637.5	637.3
130°	670.6	671.4	672.3	673.1	674.0	674.4	674.5	674.7	674.8	675.0	675.2
132.5°	706.9	707.9	708.9	710.0	711.0	711.5	711.2	710.7	710.2	709.7	709.2
135°	741.0	742.0	743.0	744.0	745.0	745.5	745.3	745.0	744.7	744.3	744.0
137.5°	772.8	773.8	774.8	775.8	776.8	777.3	777.1	776.8	776.5	776.1	775.8
140°	803.8	804.1	804.5	804.8	805.1	805.3	805.2	805.1	804.9	804.8	804.6
142.5°	831.8	832.0	832.2	832.3	832.5	832.6	832.8	833.1	833.4	833.8	834.1
145°	859.1	859.4	859.8	860.1	860.4	860.6	860.6	860.6	860.6	860.6	860.6
147.5°	883.3	883.3	883.3	883.3	883.3	883.3	883.4	883.6	883.7	883.9	884.1
150°	906.0	905.7	905.3	905.0	904.7	904.5	904.7	905.0	905.3	905.7	906.0
152.5°	928.0	927.2	926.3	925.5	924.6	924.2	924.4	924.7	925.0	925.4	925.7
155°	946.1	945.1	944.1	943.1	942.1	941.6	941.8	942.1	942.4	942.8	943.1
157.5°	960.5	960.0	959.5	959.0	958.5	958.2	958.2	958.2	958.2	958.2	958.2
160°	975.6	974.6	973.6	972.6	971.6	971.1	971.2	971.4	971.5	971.7	971.9
162.5°	987.8	986.8	985.8	984.7	983.7	983.2	983.3	983.5	983.6	983.8	984.0
165°	998.4	997.4	996.4	995.3	994.3	993.8	993.9	994.1	994.2	994.4	994.6
167.5°	1006.7	1005.7	1004.7	1003.6	1002.6	1002.1	1002.2	1002.4	1002.5	1002.7	1002.9
170°	1013.5	1012.3	1011.1	1010.0	1008.8	1008.2	1008.3	1008.5	1008.6	1008.8	1009.0
172.5°	1018.0	1016.8	1015.6	1014.5	1013.3	1012.7	1012.9	1013.2	1013.5	1013.9	1014.2
175°	1021.1	1020.1	1019.1	1018.0	1017.0	1016.5	1016.6	1016.8	1016.9	1017.1	1017.3
177.5°	1023.3	1022.3	1021.3	1020.3	1019.3	1018.8	1018.9	1019.0	1019.2	1019.3	1019.5
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

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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°	12.9	13.8	14.6	15.5	15.9	16.2	16.7	17.2	17.7	18.2	17.7
92.5°	12.9	13.8	14.6	15.5	15.9	16.0	16.2	16.3	16.5	16.7	16.5
95°	12.9	13.8	14.6	15.5	15.9	15.9	15.9	15.9	15.9	15.9	15.9
97.5°	13.9	14.3	14.6	14.9	15.1	15.2	15.4	15.5	15.7	15.9	15.7
100°	106.6	81.6	56.5	31.4	18.9	18.6	17.9	17.2	16.6	15.9	16.6
102.5°	177.4	177.8	178.1	178.4	178.6	171.5	157.4	143.3	129.1	115.0	129.1
105°	225.6	225.6	225.6	225.6	225.6	225.5	225.3	225.2	225.0	224.8	225.0
107.5°	275.7	275.9	276.0	276.2	276.3	276.0	275.3	274.6	273.9	273.2	273.9
110°	325.0	324.5	324.0	323.5	323.2	323.3	323.5	323.6	323.8	324.0	323.8

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	373.2	372.6	371.9	371.2	370.9	370.7	370.4	370.1	369.7	369.4	369.7
115°	421.7	421.0	420.3	419.6	419.3	418.8	417.8	416.8	415.8	414.8	415.8
117.5°	469.0	468.0	467.0	466.0	465.5	465.3	465.0	464.7	464.3	464.0	464.3
120°	513.6	513.2	512.9	512.6	512.4	512.0	511.1	510.3	509.4	508.6	509.4
122.5°	556.8	556.4	556.1	555.8	555.6	555.1	554.1	553.0	552.0	551.0	552.0
125°	598.8	598.1	597.4	596.7	596.4	596.2	595.7	595.2	594.7	594.2	594.7
127.5°	637.0	636.6	636.3	636.0	635.8	635.1	633.8	632.4	631.1	629.7	631.1
130°	674.7	674.2	673.7	673.2	672.9	672.5	671.6	670.8	669.9	669.1	669.9
132.5°	709.2	709.2	709.2	709.2	709.2	708.8	707.9	707.1	706.2	705.4	706.2
135°	743.7	743.3	743.0	742.7	742.5	742.0	741.0	740.0	739.0	738.0	739.0
137.5°	775.8	775.8	775.8	775.8	775.8	775.4	774.5	773.7	772.8	772.0	772.8
140°	804.9	805.3	805.6	805.9	806.1	805.6	804.6	803.6	802.6	801.6	802.6
142.5°	834.1	834.1	834.1	834.1	834.1	833.6	832.6	831.6	830.6	829.6	830.6
145°	860.8	861.0	861.1	861.3	861.4	860.9	859.9	858.8	857.8	856.8	857.8
147.5°	884.3	884.4	884.6	884.7	884.8	884.2	883.0	881.9	880.7	879.5	880.7
150°	906.3	906.7	907.0	907.3	907.5	906.8	905.5	904.2	902.8	901.5	902.8
152.5°	926.0	926.4	926.7	927.0	927.2	926.6	925.4	924.3	923.1	921.9	923.1
155°	943.6	944.1	944.6	945.1	945.4	944.7	943.4	942.0	940.7	939.3	940.7
157.5°	958.7	959.2	959.7	960.2	960.5	959.8	958.5	957.2	955.8	954.5	955.8
160°	972.6	973.2	973.9	974.6	974.9	974.2	972.9	971.5	970.2	968.8	970.2
162.5°	985.0	986.0	987.0	988.0	988.5	987.7	986.2	984.7	983.2	981.7	983.2
165°	995.6	996.6	997.6	998.6	999.1	998.4	997.1	995.8	994.4	993.1	994.4
167.5°	1004.1	1005.3	1006.4	1007.6	1008.2	1007.4	1005.9	1004.4	1002.9	1001.4	1002.9
170°	1010.3	1011.7	1013.0	1014.3	1015.0	1014.2	1012.7	1011.2	1009.7	1008.2	1009.7
172.5°	1015.4	1016.6	1017.7	1018.9	1019.5	1018.7	1017.2	1015.7	1014.2	1012.7	1014.2
175°	1018.6	1020.0	1021.3	1022.6	1023.3	1022.5	1021.0	1019.5	1018.0	1016.5	1018.0
177.5°	1020.7	1021.9	1023.0	1024.2	1024.8	1024.1	1022.8	1021.5	1020.1	1018.8	1020.1
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-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°	17.2	16.7	16.2	15.9	15.5	14.6	13.8	12.9	12.1	10.9	9.7
92.5°	16.3	16.2	16.0	15.9	15.5	14.6	13.8	12.9	12.1	11.1	10.1
95°	15.9	15.9	15.9	15.9	15.5	14.6	13.8	12.9	12.1	18.5	24.9
97.5°	15.5	15.4	15.2	15.1	14.9	14.6	14.3	13.9	13.6	29.6	45.6
100°	17.2	17.9	18.6	18.9	31.4	56.5	81.6	106.6	131.7	131.0	130.4
102.5°	143.3	157.4	171.5	178.6	178.4	178.1	177.8	177.4	177.1	176.8	176.4
105°	225.2	225.3	225.5	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6
107.5°	274.6	275.3	276.0	276.3	276.2	276.0	275.9	275.7	275.5	275.2	274.8
110°	323.6	323.5	323.3	323.2	323.5	324.0	324.5	325.0	325.5	325.2	324.8

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	370.1	370.4	370.7	370.9	371.2	371.9	372.6	373.2	373.9	373.7	373.6
115°	416.8	417.8	418.8	419.3	419.6	420.3	421.0	421.7	422.4	422.2	422.0
117.5°	464.7	465.0	465.3	465.5	466.0	467.0	468.0	469.0	470.0	469.3	468.7
120°	510.3	511.1	512.0	512.4	512.6	512.9	513.2	513.6	513.9	513.4	512.9
122.5°	553.0	554.1	555.1	555.6	555.8	556.1	556.4	556.8	557.1	556.9	556.7
125°	595.2	595.7	596.2	596.4	596.7	597.4	598.1	598.8	599.5	599.5	599.5
127.5°	632.4	633.8	635.1	635.8	636.0	636.3	636.6	637.0	637.3	637.5	637.7
130°	670.8	671.6	672.5	672.9	673.2	673.7	674.2	674.7	675.2	675.0	674.8
132.5°	707.1	707.9	708.8	709.2	709.2	709.2	709.2	709.2	709.2	709.7	710.2
135°	740.0	741.0	742.0	742.5	742.7	743.0	743.3	743.7	744.0	744.3	744.7
137.5°	773.7	774.5	775.4	775.8	775.8	775.8	775.8	775.8	775.8	776.1	776.5
140°	803.6	804.6	805.6	806.1	805.9	805.6	805.3	804.9	804.6	804.8	804.9
142.5°	831.6	832.6	833.6	834.1	834.1	834.1	834.1	834.1	834.1	833.8	833.4
145°	858.8	859.9	860.9	861.4	861.3	861.1	861.0	860.8	860.6	860.6	860.6
147.5°	881.9	883.0	884.2	884.8	884.7	884.6	884.4	884.3	884.1	883.9	883.7
150°	904.2	905.5	906.8	907.5	907.3	907.0	906.7	906.3	906.0	905.7	905.3
152.5°	924.3	925.4	926.6	927.2	927.0	926.7	926.4	926.0	925.7	925.4	925.0
155°	942.0	943.4	944.7	945.4	945.1	944.6	944.1	943.6	943.1	942.8	942.4
157.5°	957.2	958.5	959.8	960.5	960.2	959.7	959.2	958.7	958.2	958.2	958.2
160°	971.5	972.9	974.2	974.9	974.6	973.9	973.2	972.6	971.9	971.7	971.5
162.5°	984.7	986.2	987.7	988.5	988.0	987.0	986.0	985.0	984.0	983.8	983.6
165°	995.8	997.1	998.4	999.1	998.6	997.6	996.6	995.6	994.6	994.4	994.2
167.5°	1004.4	1005.9	1007.4	1008.2	1007.6	1006.4	1005.3	1004.1	1002.9	1002.7	1002.5
170°	1011.2	1012.7	1014.2	1015.0	1014.3	1013.0	1011.7	1010.3	1009.0	1008.8	1008.6
172.5°	1015.7	1017.2	1018.7	1019.5	1018.9	1017.7	1016.6	1015.4	1014.2	1013.9	1013.5
175°	1019.5	1021.0	1022.5	1023.3	1022.6	1021.3	1020.0	1018.6	1017.3	1017.1	1016.9
177.5°	1021.5	1022.8	1024.1	1024.8	1024.2	1023.0	1021.9	1020.7	1019.5	1019.3	1019.2
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-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°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	9.1	8.1	7.6	8.4	9.9	11.4	12.9	14.4	12.9	11.4	9.9
95°	31.3	37.7	40.9	41.1	41.6	42.1	42.6	43.1	42.6	42.1	41.6
97.5°	61.5	77.5	85.5	85.0	84.0	83.0	82.0	81.0	82.0	83.0	84.0
100°	129.7	129.0	128.7	128.4	127.9	127.4	126.9	126.4	126.9	127.4	127.9
102.5°	176.1	175.8	175.6	175.3	174.6	173.9	173.3	172.6	173.3	173.9	174.6
105°	225.6	225.6	225.6	225.3	224.6	223.9	223.2	222.5	223.2	223.9	224.6
107.5°	274.5	274.2	274.0	274.0	274.0	274.0	274.0	274.0	274.0	274.0	274.0
110°	324.5	324.2	324.0	324.0	324.0	324.0	324.0	324.0	324.0	324.0	324.0

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	373.4	373.3	373.2	372.9	372.4	371.9	371.4	370.9	371.4	371.9	372.4
115°	421.9	421.7	421.6	421.2	420.3	419.5	418.6	417.8	418.6	419.5	420.3
117.5°	468.0	467.3	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0
120°	512.4	511.9	511.7	511.8	511.9	512.1	512.2	512.4	512.2	512.1	511.9
122.5°	556.6	556.4	556.3	555.9	555.0	554.2	553.3	552.5	553.3	554.2	555.0
125°	599.5	599.5	599.5	598.9	597.7	596.6	595.4	594.2	595.4	596.6	597.7
127.5°	637.8	638.0	638.1	637.7	636.8	636.0	635.1	634.3	635.1	636.0	636.8
130°	674.7	674.5	674.4	674.0	673.1	672.3	671.4	670.6	671.4	672.3	673.1
132.5°	710.7	711.2	711.5	711.0	710.0	708.9	707.9	706.9	707.9	708.9	710.0
135°	745.0	745.3	745.5	745.0	744.0	743.0	742.0	741.0	742.0	743.0	744.0
137.5°	776.8	777.1	777.3	776.8	775.8	774.8	773.8	772.8	773.8	774.8	775.8
140°	805.1	805.2	805.3	805.1	804.8	804.5	804.1	803.8	804.1	804.5	804.8
142.5°	833.1	832.8	832.6	832.5	832.3	832.2	832.0	831.8	832.0	832.2	832.3
145°	860.6	860.6	860.6	860.4	860.1	859.8	859.4	859.1	859.4	859.8	860.1
147.5°	883.6	883.4	883.3	883.3	883.3	883.3	883.3	883.3	883.3	883.3	883.3
150°	905.0	904.7	904.5	904.7	905.0	905.3	905.7	906.0	905.7	905.3	905.0
152.5°	924.7	924.4	924.2	924.6	925.5	926.3	927.2	928.0	927.2	926.3	925.5
155°	942.1	941.8	941.6	942.1	943.1	944.1	945.1	946.1	945.1	944.1	943.1
157.5°	958.2	958.2	958.2	958.5	959.0	959.5	960.0	960.5	960.0	959.5	959.0
160°	971.4	971.2	971.1	971.6	972.6	973.6	974.6	975.6	974.6	973.6	972.6
162.5°	983.5	983.3	983.2	983.7	984.7	985.8	986.8	987.8	986.8	985.8	984.7
165°	994.1	993.9	993.8	994.3	995.3	996.4	997.4	998.4	997.4	996.4	995.3
167.5°	1002.4	1002.2	1002.1	1002.6	1003.6	1004.7	1005.7	1006.7	1005.7	1004.7	1003.6
170°	1008.5	1008.3	1008.2	1008.8	1010.0	1011.1	1012.3	1013.5	1012.3	1011.1	1010.0
172.5°	1013.2	1012.9	1012.7	1013.3	1014.5	1015.6	1016.8	1018.0	1016.8	1015.6	1014.5
175°	1016.8	1016.6	1016.5	1017.0	1018.0	1019.1	1020.1	1021.1	1020.1	1019.1	1018.0
177.5°	1019.0	1018.9	1018.8	1019.3	1020.3	1021.3	1022.3	1023.3	1022.3	1021.3	1020.3
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-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°	6.1	6.8	7.4	8.6	9.7	10.9	12.1	12.9	13.8	14.6	15.5
92.5°	8.4	7.6	8.1	9.1	10.1	11.1	12.1	12.9	13.8	14.6	15.5
95°	41.1	40.9	37.7	31.3	24.9	18.5	12.1	12.9	13.8	14.6	15.5
97.5°	85.0	85.5	77.5	61.5	45.6	29.6	13.6	13.9	14.3	14.6	14.9
100°	128.4	128.7	129.0	129.7	130.4	131.0	131.7	106.6	81.6	56.5	31.4
102.5°	175.3	175.6	175.8	176.1	176.4	176.8	177.1	177.4	177.8	178.1	178.4
105°	225.3	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6
107.5°	274.0	274.0	274.2	274.5	274.8	275.2	275.5	275.7	275.9	276.0	276.2
110°	324.0	324.0	324.2	324.5	324.8	325.2	325.5	325.0	324.5	324.0	323.5

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	372.9	373.2	373.3	373.4	373.6	373.7	373.9	373.2	372.6	371.9	371.2
115°	421.2	421.6	421.7	421.9	422.0	422.2	422.4	421.7	421.0	420.3	419.6
117.5°	467.0	467.0	467.3	468.0	468.7	469.3	470.0	469.0	468.0	467.0	466.0
120°	511.8	511.7	511.9	512.4	512.9	513.4	513.9	513.6	513.2	512.9	512.6
122.5°	555.9	556.3	556.4	556.6	556.7	556.9	557.1	556.8	556.4	556.1	555.8
125°	598.9	599.5	599.5	599.5	599.5	599.5	599.5	598.8	598.1	597.4	596.7
127.5°	637.7	638.1	638.0	637.8	637.7	637.5	637.3	637.0	636.6	636.3	636.0
130°	674.0	674.4	674.5	674.7	674.8	675.0	675.2	674.7	674.2	673.7	673.2
132.5°	711.0	711.5	711.2	710.7	710.2	709.7	709.2	709.2	709.2	709.2	709.2
135°	745.0	745.5	745.3	745.0	744.7	744.3	744.0	743.7	743.3	743.0	742.7
137.5°	776.8	777.3	777.1	776.8	776.5	776.1	775.8	775.8	775.8	775.8	775.8
140°	805.1	805.3	805.2	805.1	804.9	804.8	804.6	804.9	805.3	805.6	805.9
142.5°	832.5	832.6	832.8	833.1	833.4	833.8	834.1	834.1	834.1	834.1	834.1
145°	860.4	860.6	860.6	860.6	860.6	860.6	860.6	860.8	861.0	861.1	861.3
147.5°	883.3	883.3	883.4	883.6	883.7	883.9	884.1	884.3	884.4	884.6	884.7
150°	904.7	904.5	904.7	905.0	905.3	905.7	906.0	906.3	906.7	907.0	907.3
152.5°	924.6	924.2	924.4	924.7	925.0	925.4	925.7	926.0	926.4	926.7	927.0
155°	942.1	941.6	941.8	942.1	942.4	942.8	943.1	943.6	944.1	944.6	945.1
157.5°	958.5	958.2	958.2	958.2	958.2	958.2	958.2	958.7	959.2	959.7	960.2
160°	971.6	971.1	971.2	971.4	971.5	971.7	971.9	972.6	973.2	973.9	974.6
162.5°	983.7	983.2	983.3	983.5	983.6	983.8	984.0	985.0	986.0	987.0	988.0
165°	994.3	993.8	993.9	994.1	994.2	994.4	994.6	995.6	996.6	997.6	998.6
167.5°	1002.6	1002.1	1002.2	1002.4	1002.5	1002.7	1002.9	1004.1	1005.3	1006.4	1007.6
170°	1008.8	1008.2	1008.3	1008.5	1008.6	1008.8	1009.0	1010.3	1011.7	1013.0	1014.3
172.5°	1013.3	1012.7	1012.9	1013.2	1013.5	1013.9	1014.2	1015.4	1016.6	1017.7	1018.9
175°	1017.0	1016.5	1016.6	1016.8	1016.9	1017.1	1017.3	1018.6	1020.0	1021.3	1022.6
177.5°	1019.3	1018.8	1018.9	1019.0	1019.2	1019.3	1019.5	1020.7	1021.9	1023.0	1024.2
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-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°	15.9	16.2	16.7	17.2	17.7	18.2	17.7	17.2	16.7	16.2	15.9
92.5°	15.9	16.0	16.2	16.3	16.5	16.7	16.5	16.3	16.2	16.0	15.9
95°	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
97.5°	15.1	15.2	15.4	15.5	15.7	15.9	15.7	15.5	15.4	15.2	15.1
100°	18.9	18.6	17.9	17.2	16.6	15.9	16.6	17.2	17.9	18.6	18.9
102.5°	178.6	171.5	157.4	143.3	129.1	115.0	129.1	143.3	157.4	171.5	178.6
105°	225.6	225.5	225.3	225.2	225.0	224.8	225.0	225.2	225.3	225.5	225.6
107.5°	276.3	276.0	275.3	274.6	273.9	273.2	273.9	274.6	275.3	276.0	276.3
110°	323.2	323.3	323.5	323.6	323.8	324.0	323.8	323.6	323.5	323.3	323.2

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	370.9	370.7	370.4	370.1	369.7	369.4	369.7	370.1	370.4	370.7	370.9
115°	419.3	418.8	417.8	416.8	415.8	414.8	415.8	416.8	417.8	418.8	419.3
117.5°	465.5	465.3	465.0	464.7	464.3	464.0	464.3	464.7	465.0	465.3	465.5
120°	512.4	512.0	511.1	510.3	509.4	508.6	509.4	510.3	511.1	512.0	512.4
122.5°	555.6	555.1	554.1	553.0	552.0	551.0	552.0	553.0	554.1	555.1	555.6
125°	596.4	596.2	595.7	595.2	594.7	594.2	594.7	595.2	595.7	596.2	596.4
127.5°	635.8	635.1	633.8	632.4	631.1	629.7	631.1	632.4	633.8	635.1	635.8
130°	672.9	672.5	671.6	670.8	669.9	669.1	669.9	670.8	671.6	672.5	672.9
132.5°	709.2	708.8	707.9	707.1	706.2	705.4	706.2	707.1	707.9	708.8	709.2
135°	742.5	742.0	741.0	740.0	739.0	738.0	739.0	740.0	741.0	742.0	742.5
137.5°	775.8	775.4	774.5	773.7	772.8	772.0	772.8	773.7	774.5	775.4	775.8
140°	806.1	805.6	804.6	803.6	802.6	801.6	802.6	803.6	804.6	805.6	806.1
142.5°	834.1	833.6	832.6	831.6	830.6	829.6	830.6	831.6	832.6	833.6	834.1
145°	861.4	860.9	859.9	858.8	857.8	856.8	857.8	858.8	859.9	860.9	861.4
147.5°	884.8	884.2	883.0	881.9	880.7	879.5	880.7	881.9	883.0	884.2	884.8
150°	907.5	906.8	905.5	904.2	902.8	901.5	902.8	904.2	905.5	906.8	907.5
152.5°	927.2	926.6	925.4	924.3	923.1	921.9	923.1	924.3	925.4	926.6	927.2
155°	945.4	944.7	943.4	942.0	940.7	939.3	940.7	942.0	943.4	944.7	945.4
157.5°	960.5	959.8	958.5	957.2	955.8	954.5	955.8	957.2	958.5	959.8	960.5
160°	974.9	974.2	972.9	971.5	970.2	968.8	970.2	971.5	972.9	974.2	974.9
162.5°	988.5	987.7	986.2	984.7	983.2	981.7	983.2	984.7	986.2	987.7	988.5
165°	999.1	998.4	997.1	995.8	994.4	993.1	994.4	995.8	997.1	998.4	999.1
167.5°	1008.2	1007.4	1005.9	1004.4	1002.9	1001.4	1002.9	1004.4	1005.9	1007.4	1008.2
170°	1015.0	1014.2	1012.7	1011.2	1009.7	1008.2	1009.7	1011.2	1012.7	1014.2	1015.0
172.5°	1019.5	1018.7	1017.2	1015.7	1014.2	1012.7	1014.2	1015.7	1017.2	1018.7	1019.5
175°	1023.3	1022.5	1021.0	1019.5	1018.0	1016.5	1018.0	1019.5	1021.0	1022.5	1023.3
177.5°	1024.8	1024.1	1022.8	1021.5	1020.1	1018.8	1020.1	1021.5	1022.8	1024.1	1024.8
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

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CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-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°	15.5	14.6	13.8	12.9	12.1	10.9	9.7	8.6	7.4	6.8	6.1
92.5°	15.5	14.6	13.8	12.9	12.1	11.1	10.1	9.1	8.1	7.6	8.4
95°	15.5	14.6	13.8	12.9	12.1	18.5	24.9	31.3	37.7	40.9	41.1
97.5°	14.9	14.6	14.3	13.9	13.6	29.6	45.6	61.5	77.5	85.5	85.0
100°	31.4	56.5	81.6	106.6	131.7	131.0	130.4	129.7	129.0	128.7	128.4
102.5°	178.4	178.1	177.8	177.4	177.1	176.8	176.4	176.1	175.8	175.6	175.3
105°	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.6	225.3
107.5°	276.2	276.0	275.9	275.7	275.5	275.2	274.8	274.5	274.2	274.0	274.0
110°	323.5	324.0	324.5	325.0	325.5	325.2	324.8	324.5	324.2	324.0	324.0

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	371.2	371.9	372.6	373.2	373.9	373.7	373.6	373.4	373.3	373.2	372.9
115°	419.6	420.3	421.0	421.7	422.4	422.2	422.0	421.9	421.7	421.6	421.2
117.5°	466.0	467.0	468.0	469.0	470.0	469.3	468.7	468.0	467.3	467.0	467.0
120°	512.6	512.9	513.2	513.6	513.9	513.4	512.9	512.4	511.9	511.7	511.8
122.5°	555.8	556.1	556.4	556.8	557.1	556.9	556.7	556.6	556.4	556.3	555.9
125°	596.7	597.4	598.1	598.8	599.5	599.5	599.5	599.5	599.5	599.5	598.9
127.5°	636.0	636.3	636.6	637.0	637.3	637.5	637.7	637.8	638.0	638.1	637.7
130°	673.2	673.7	674.2	674.7	675.2	675.0	674.8	674.7	674.5	674.4	674.0
132.5°	709.2	709.2	709.2	709.2	709.2	709.7	710.2	710.7	711.2	711.5	711.0
135°	742.7	743.0	743.3	743.7	744.0	744.3	744.7	745.0	745.3	745.5	745.0
137.5°	775.8	775.8	775.8	775.8	775.8	776.1	776.5	776.8	777.1	777.3	776.8
140°	805.9	805.6	805.3	804.9	804.6	804.8	804.9	805.1	805.2	805.3	805.1
142.5°	834.1	834.1	834.1	834.1	834.1	833.8	833.4	833.1	832.8	832.6	832.5
145°	861.3	861.1	861.0	860.8	860.6	860.6	860.6	860.6	860.6	860.6	860.4
147.5°	884.7	884.6	884.4	884.3	884.1	883.9	883.7	883.6	883.4	883.3	883.3
150°	907.3	907.0	906.7	906.3	906.0	905.7	905.3	905.0	904.7	904.5	904.7
152.5°	927.0	926.7	926.4	926.0	925.7	925.4	925.0	924.7	924.4	924.2	924.6
155°	945.1	944.6	944.1	943.6	943.1	942.8	942.4	942.1	941.8	941.6	942.1
157.5°	960.2	959.7	959.2	958.7	958.2	958.2	958.2	958.2	958.2	958.2	958.5
160°	974.6	973.9	973.2	972.6	971.9	971.7	971.5	971.4	971.2	971.1	971.6
162.5°	988.0	987.0	986.0	985.0	984.0	983.8	983.6	983.5	983.3	983.2	983.7
165°	998.6	997.6	996.6	995.6	994.6	994.4	994.2	994.1	993.9	993.8	994.3
167.5°	1007.6	1006.4	1005.3	1004.1	1002.9	1002.7	1002.5	1002.4	1002.2	1002.1	1002.6
170°	1014.3	1013.0	1011.7	1010.3	1009.0	1008.8	1008.6	1008.5	1008.3	1008.2	1008.8
172.5°	1018.9	1017.7	1016.6	1015.4	1014.2	1013.9	1013.5	1013.2	1012.9	1012.7	1013.3
175°	1022.6	1021.3	1020.0	1018.6	1017.3	1017.1	1016.9	1016.8	1016.6	1016.5	1017.0
177.5°	1024.2	1023.0	1021.9	1020.7	1019.5	1019.3	1019.2	1019.0	1018.9	1018.8	1019.3
180°	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1	1021.1

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-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°	4.8	3.5	2.1	0.8
92.5°	9.9	11.4	12.9	14.4
95°	41.6	42.1	42.6	43.1
97.5°	84.0	83.0	82.0	81.0
100°	127.9	127.4	126.9	126.4
102.5°	174.6	173.9	173.3	172.6
105°	224.6	223.9	223.2	222.5
107.5°	274.0	274.0	274.0	274.0
110°	324.0	324.0	324.0	324.0

TEST NUMBER: P1034527

CATALOG NUMBER: S125DIW-B375D770UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	372.4	371.9	371.4	370.9
115°	420.3	419.5	418.6	417.8
117.5°	467.0	467.0	467.0	467.0
120°	511.9	512.1	512.2	512.4
122.5°	555.0	554.2	553.3	552.5
125°	597.7	596.6	595.4	594.2
127.5°	636.8	636.0	635.1	634.3
130°	673.1	672.3	671.4	670.6
132.5°	710.0	708.9	707.9	706.9
135°	744.0	743.0	742.0	741.0
137.5°	775.8	774.8	773.8	772.8
140°	804.8	804.5	804.1	803.8
142.5°	832.3	832.2	832.0	831.8
145°	860.1	859.8	859.4	859.1
147.5°	883.3	883.3	883.3	883.3
150°	905.0	905.3	905.7	906.0
152.5°	925.5	926.3	927.2	928.0
155°	943.1	944.1	945.1	946.1
157.5°	959.0	959.5	960.0	960.5
160°	972.6	973.6	974.6	975.6
162.5°	984.7	985.8	986.8	987.8
165°	995.3	996.4	997.4	998.4
167.5°	1003.6	1004.7	1005.7	1006.7
170°	1010.0	1011.1	1012.3	1013.5
172.5°	1014.5	1015.6	1016.8	1018.0
175°	1018.0	1019.1	1020.1	1021.1
177.5°	1020.3	1021.3	1022.3	1023.3
180°	1021.1	1021.1	1021.1	1021.1

(END OF REPORT)