

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: P1027156

Luminaire Tested: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027156
REPORT IS A COMBINATION OF REPORTS P1005327 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

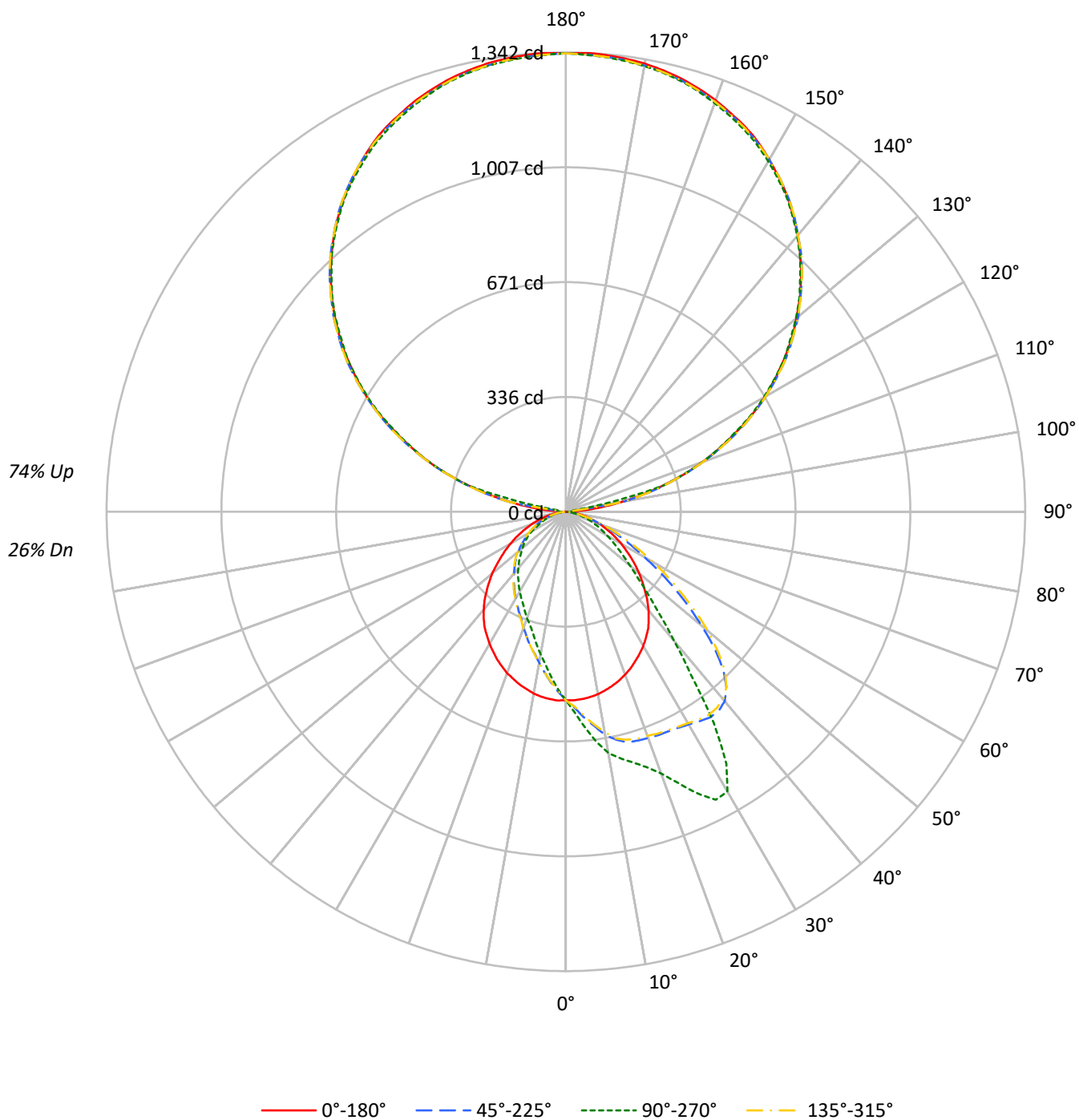
Lumens per Lamp: N/A
Luminaire Lumens: 5542.0 lumens
Efficiency: N/A
Efficacy: 133.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 41.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1027156

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	101	101	101	101		90	90	90	90		70	70	70		51	51	51		34	34	34
1	93	89	85	82		82	79	76	73		61	59	58		45	44	43		30	30	29
2	84	77	72	67		75	69	64	60		54	51	48		40	38	36		27	26	25
3	77	68	61	56		68	61	55	51		48	44	40		35	33	31		24	22	21
4	70	60	53	47		63	54	48	43		42	38	34		32	29	26		21	20	18
5	65	54	46	40		57	48	42	37		38	33	30		28	25	23		19	18	16
6	59	48	40	35		53	43	37	32		34	29	26		26	22	20		18	16	14
7	55	43	36	30		49	39	32	28		31	26	23		23	20	18		16	14	13
8	51	39	32	27		45	35	29	24		28	23	20		21	18	16		15	13	11
9	47	36	28	24		42	32	26	22		26	21	18		19	16	14		14	12	10
10	44	32	26	21		39	29	23	19		23	19	16		18	15	12		13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3526	3526	3526	3526
5°	3524	3974	3524	3055
10°	3504	4467	3492	2641
15°	3466	4725	3442	2299
20°	3420	5101	3389	2078
25°	3360	5774	3322	1886
30°	3299	6137	3250	1749
35°	3220	5047	3175	1621
40°	3080	3428	3054	1506
45°	2896	2464	2892	1392
50°	2707	1895	2721	1287
55°	2496	1540	2490	1186
60°	2298	1263	2287	1053
65°	2068	1052	2081	848
70°	1877	845	1869	707
75°	1585	640	1585	581
80°	1286	391	1270	391
85°	903	205	880	231

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5020 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	1.0
10°-20°	154.7	2.8
20°-30°	245.4	4.4
30°-40°	296.5	5.3
40°-50°	264.0	4.8
50°-60°	202.4	3.7
60°-70°	131.5	2.4
70°-80°	63.8	1.2
80°-90°	17.0	0.3
90°-100°	45.4	0.8
100°-110°	302.3	5.5
110°-120°	544.3	9.8
120°-130°	698.7	12.6
130°-140°	751.4	13.6
140°-150°	705.3	12.7
150°-160°	570.5	10.3
160°-170°	368.9	6.7
170°-180°	127.2	2.3
0°-30°	452.9	8.2
0°-40°	749.4	13.5
0°-60°	1215.7	21.9
0°-90°	1428.0	25.8
90°-120°	892.0	16.1
90°-150°	3047.4	55.0
90°-180°	4114.0	74.2
0°-180°	5542.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	550	550	550	550	550	
5°	549	631	549	485	549	52
15°	526	758	522	369	526	148
25°	481	907	475	296	481	222
35°	419	753	413	242	419	261
45°	328	337	327	190	328	253
55°	231	185	231	142	231	207
65°	144	105	145	84	144	144
75°	70	49	70	44	70	75
85°	16	10	15	12	16	18
90°	1	24	1	24	1	4
95°	57	21	57	21	57	69
105°	292	295	292	295	292	309
115°	548	544	548	544	548	543
125°	779	779	779	779	779	696
135°	972	968	972	968	972	749
145°	1127	1124	1127	1124	1127	705
155°	1241	1232	1241	1232	1241	572
165°	1310	1303	1310	1303	1310	370
175°	1339	1333	1339	1333	1339	128
180°	1339	1339	1339	1339	1339	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	550.9	555.4	556.7	560.4	564.4	565.3	567.6	570.7	572.6	572.1	572.1
5°	549.1	556.7	562.2	568.5	576.2	579.3	582.0	588.8	594.2	597.4	602.8
7.5°	545.9	557.2	566.2	575.7	587.5	592.9	598.8	608.3	618.2	624.5	630.4
10°	540.9	555.4	568.0	582.0	597.9	606.0	613.2	627.7	639.9	648.0	661.6
12.5°	533.7	551.8	569.4	587.9	607.8	616.4	626.3	642.1	659.3	671.1	682.4
15°	526.0	547.7	566.7	588.8	612.8	625.9	638.5	655.3	670.6	683.7	696.8
17.5°	517.0	540.0	563.5	588.8	615.9	629.0	639.9	659.8	676.0	689.1	700.9
20°	506.1	531.9	558.5	586.6	614.1	626.3	636.7	658.4	672.9	686.9	703.6
22.5°	494.4	522.4	550.9	578.4	605.5	618.6	630.8	649.8	665.6	684.6	706.3
25°	480.8	511.5	540.5	568.0	593.8	606.0	616.8	637.6	659.8	683.7	708.1
27.5°	467.3	497.1	525.1	550.4	578.4	589.7	600.6	626.8	653.0	678.3	711.7
30°	452.3	482.6	507.0	530.5	557.6	569.4	582.9	612.8	642.6	676.9	717.6
32.5°	435.6	463.2	485.8	510.2	534.6	549.1	566.2	598.8	633.1	674.2	726.2
35°	418.9	441.1	461.8	484.9	514.3	529.6	546.3	580.7	623.6	672.9	733.4
37.5°	397.7	418.9	435.2	458.7	489.0	507.0	523.7	563.5	612.3	669.7	733.0
40°	376.0	394.1	409.4	433.8	466.8	483.5	501.6	545.0	600.6	660.7	722.1
42.5°	352.5	367.8	384.6	408.1	440.1	456.4	477.2	527.8	584.3	648.0	694.1
45°	327.6	342.5	356.5	380.9	413.0	430.7	453.3	505.2	564.4	621.4	648.9
47.5°	303.2	316.3	331.2	352.5	385.0	404.4	427.5	483.1	537.8	585.7	587.9
50°	279.7	290.1	302.8	324.5	358.4	376.9	400.8	452.8	506.1	539.1	517.0
52.5°	255.3	264.8	277.9	296.9	328.5	350.2	371.0	423.0	467.7	489.9	449.2
55°	231.4	239.5	253.1	274.3	301.9	318.6	339.8	388.2	427.5	427.9	383.7
57.5°	207.9	215.1	226.4	245.4	271.1	290.6	310.0	352.0	378.7	371.0	321.8
60°	187.1	191.6	202.0	220.5	244.5	258.5	279.3	314.5	332.1	318.1	265.3
62.5°	165.4	169.9	178.0	193.0	215.6	230.5	243.6	272.5	284.7	263.5	220.1
65°	143.7	149.1	155.0	166.7	188.0	197.9	209.7	230.9	242.7	217.8	180.3
67.5°	124.7	127.4	133.3	145.5	160.4	169.5	177.6	192.1	194.3	174.4	143.7
70°	107.1	108.0	113.4	120.7	132.0	137.4	144.2	152.7	152.7	136.5	112.1
72.5°	87.2	88.6	92.6	100.3	107.1	109.8	112.1	117.5	116.6	101.7	85.0
75°	70.0	70.9	74.1	77.7	80.4	85.4	87.2	86.3	85.9	73.2	63.7
77.5°	54.2	54.7	56.9	60.1	60.6	62.4	61.0	61.0	56.9	49.7	44.7
80°	39.8	40.2	41.1	42.0	42.0	42.0	42.0	39.8	37.1	32.5	31.2
82.5°	26.7	26.7	27.1	28.0	27.6	26.7	25.8	23.5	21.7	20.3	19.4
85°	15.8	15.8	16.3	15.8	14.0	13.6	12.7	12.2	11.7	11.3	11.3
87.5°	7.7	7.2	6.3	5.4	5.4	5.4	5.4	5.4	5.4	5.0	5.0
90°	1.0	2.8	4.5	6.3	8.0	8.9	9.7	11.2	12.8	14.3	15.9
92.5°	18.9	16.9	14.9	12.9	10.9	9.9	10.6	11.9	13.2	14.6	15.9
95°	56.6	55.9	55.3	54.6	53.9	53.6	49.4	41.0	32.7	24.3	15.9
97.5°	106.2	107.5	108.9	110.2	111.5	112.2	101.7	80.8	59.8	38.9	17.9
100°	165.8	166.5	167.1	167.8	168.5	168.8	169.2	170.1	171.0	171.8	172.7
102.5°	226.4	227.3	228.1	229.0	229.9	230.3	230.5	231.0	231.4	231.9	232.3
105°	291.9	292.8	293.7	294.6	295.5	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	359.4	359.4	359.4	359.4	359.4	359.4	359.6	360.1	360.5	361.0	361.4
110°	424.9	424.9	424.9	424.9	424.9	424.9	425.1	425.6	426.0	426.5	426.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	486.5	487.2	487.8	488.5	489.2	489.5	489.6	489.8	490.0	490.2	490.4
115°	548.0	549.1	550.2	551.3	552.4	553.0	553.1	553.3	553.6	553.8	554.0
117.5°	612.6	612.6	612.6	612.6	612.6	612.6	613.0	613.9	614.8	615.6	616.5
120°	672.1	671.9	671.7	671.4	671.2	671.1	671.4	672.1	672.8	673.4	674.1
122.5°	724.7	725.8	726.9	728.0	729.1	729.7	729.8	730.0	730.3	730.5	730.7
125°	779.3	780.9	782.4	784.0	785.5	786.3	786.3	786.3	786.3	786.3	786.3
127.5°	832.0	833.1	834.2	835.3	836.4	836.9	836.8	836.6	836.3	836.1	835.9
130°	879.6	880.7	881.8	882.9	884.0	884.6	884.7	884.9	885.2	885.4	885.6
132.5°	927.3	928.6	929.9	931.2	932.5	933.2	932.9	932.2	931.6	930.9	930.3
135°	972.0	973.3	974.6	975.9	977.2	977.9	977.7	977.2	976.8	976.3	975.9
137.5°	1013.7	1015.0	1016.3	1017.6	1018.9	1019.6	1019.4	1018.9	1018.5	1018.0	1017.6
140°	1054.4	1054.8	1055.2	1055.7	1056.1	1056.3	1056.2	1056.0	1055.7	1055.5	1055.3
142.5°	1091.1	1091.3	1091.5	1091.8	1092.0	1092.1	1092.3	1092.8	1093.2	1093.7	1094.1
145°	1126.8	1127.2	1127.7	1128.1	1128.6	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8
147.5°	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.7	1158.9	1159.2	1159.4	1159.6
150°	1188.4	1188.0	1187.5	1187.1	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4
152.5°	1217.2	1216.1	1215.0	1213.9	1212.8	1212.2	1212.4	1212.9	1213.3	1213.8	1214.2
155°	1241.0	1239.7	1238.3	1237.0	1235.7	1235.0	1235.2	1235.7	1236.1	1236.6	1237.0
157.5°	1259.9	1259.2	1258.6	1257.9	1257.2	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9
160°	1279.7	1278.4	1277.1	1275.8	1274.5	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8
162.5°	1295.6	1294.3	1292.9	1291.6	1290.3	1289.6	1289.7	1289.9	1290.2	1290.4	1290.6
165°	1309.5	1308.2	1306.8	1305.5	1304.2	1303.5	1303.6	1303.8	1304.1	1304.3	1304.5
167.5°	1320.4	1319.1	1317.8	1316.5	1315.2	1314.5	1314.6	1314.8	1315.1	1315.3	1315.5
170°	1329.4	1327.8	1326.3	1324.7	1323.2	1322.4	1322.5	1322.7	1323.0	1323.2	1323.4
172.5°	1335.3	1333.8	1332.2	1330.7	1329.2	1328.4	1328.6	1329.1	1329.5	1330.0	1330.4
175°	1339.3	1338.0	1336.6	1335.3	1334.0	1333.3	1333.4	1333.6	1333.9	1334.1	1334.3
177.5°	1342.3	1341.0	1339.6	1338.3	1337.0	1336.3	1336.4	1336.6	1336.9	1337.1	1337.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	574.4	577.5	580.2	578.9	584.3	583.9	584.8	586.6	587.0	586.1	584.3
5°	605.5	610.1	617.7	621.8	620.9	624.5	626.3	629.0	631.8	630.8	630.8
7.5°	640.3	646.7	654.3	664.7	666.1	669.3	674.7	674.7	677.8	676.5	676.0
10°	670.6	678.3	690.5	698.6	702.2	704.1	709.5	711.3	714.9	715.4	715.4
12.5°	695.5	709.0	717.2	725.3	727.1	729.8	733.9	736.6	737.9	737.9	736.6
15°	708.6	719.4	728.9	737.5	742.5	744.7	748.8	752.0	753.8	757.8	758.7
17.5°	714.0	727.1	742.5	754.7	763.3	765.5	773.6	776.4	780.0	781.8	784.0
20°	721.7	740.7	759.2	774.1	782.2	788.1	796.7	809.3	813.0	813.0	811.6
22.5°	728.5	752.9	778.2	802.1	808.9	820.6	836.5	850.0	855.4	857.7	855.9
25°	736.6	770.0	803.0	832.8	851.4	860.0	881.2	897.5	903.8	907.4	908.3
27.5°	750.6	792.6	834.7	872.6	891.6	901.5	923.7	937.7	945.4	948.5	946.3
30°	766.4	817.9	866.7	900.6	913.3	925.5	939.9	945.4	943.6	943.6	950.3
32.5°	782.7	836.0	879.4	901.5	906.1	904.2	898.4	882.1	872.6	872.6	878.5
35°	791.7	837.8	860.0	852.7	835.1	824.7	792.6	774.6	754.2	752.9	759.6
37.5°	786.8	806.6	797.6	750.1	726.2	706.3	656.2	636.3	621.4	600.6	632.7
40°	752.0	745.2	698.2	629.9	603.3	575.3	535.5	515.6	494.8	491.7	499.3
42.5°	693.2	653.0	584.3	518.3	491.2	471.3	441.1	421.6	408.5	403.1	412.1
45°	620.0	556.7	488.0	435.6	405.8	395.4	367.8	350.7	340.7	336.7	343.0
47.5°	530.5	466.8	401.7	357.5	339.8	329.4	310.9	296.0	287.4	284.7	287.4
50°	450.5	385.0	330.3	301.9	286.1	277.5	262.1	252.6	245.8	244.0	248.5
52.5°	381.4	321.8	280.2	254.9	244.5	237.2	226.4	218.3	214.2	212.4	215.6
55°	319.5	271.1	237.7	216.0	208.3	203.8	194.3	189.8	185.3	184.8	188.0
57.5°	264.8	231.4	200.6	185.3	183.0	176.2	168.1	164.0	161.8	161.3	162.7
60°	220.5	190.7	172.2	158.6	155.5	150.0	145.5	142.8	140.1	139.2	140.1
62.5°	183.5	160.0	145.1	136.0	131.5	130.1	125.2	122.0	121.6	121.6	122.5
65°	151.4	131.5	122.0	114.8	111.6	110.3	106.6	104.4	104.8	104.8	105.3
67.5°	123.4	108.9	100.3	96.7	94.0	93.5	89.9	89.0	88.1	88.1	89.0
70°	98.1	89.0	82.7	80.9	80.4	77.3	75.9	75.5	74.1	74.6	74.6
72.5°	76.8	70.9	67.3	64.6	65.1	63.3	61.5	61.5	60.6	61.9	61.9
75°	56.9	54.2	51.5	50.6	51.5	50.6	49.3	48.8	49.3	48.8	48.8
77.5°	42.0	40.7	39.8	39.3	39.3	37.5	36.6	37.5	35.7	36.6	36.6
80°	29.4	27.6	27.1	26.2	26.7	25.3	25.8	24.9	24.9	24.9	24.9
82.5°	18.5	18.1	18.1	18.1	17.6	17.6	17.6	17.6	17.6	17.6	17.2
85°	11.3	10.8	10.8	10.8	10.4	10.4	10.4	10.4	10.4	10.4	10.4
87.5°	4.5	5.0	5.0	5.4	5.0	4.5	4.5	4.5	5.0	5.0	4.5
90°	17.0	18.1	19.2	20.3	20.8	21.1	21.8	22.5	23.1	23.8	23.1
92.5°	17.0	18.1	19.2	20.3	20.8	20.9	21.1	21.4	21.6	21.8	21.6
95°	17.0	18.1	19.2	20.3	20.8	20.8	20.8	20.8	20.8	20.8	20.8
97.5°	18.3	18.8	19.2	19.7	19.9	20.0	20.2	20.4	20.6	20.8	20.6
100°	139.8	107.0	74.1	41.2	24.8	24.4	23.5	22.6	21.7	20.8	21.7
102.5°	232.7	233.2	233.6	234.1	234.3	225.0	206.5	188.0	169.4	150.9	169.4
105°	295.9	295.9	295.9	295.9	295.9	295.8	295.6	295.3	295.1	294.9	295.1
107.5°	361.6	361.8	362.1	362.3	362.4	362.0	361.1	360.2	359.3	358.4	359.3
110°	426.2	425.6	424.9	424.2	423.9	424.0	424.2	424.5	424.7	424.9	424.7

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	489.5	488.7	487.8	486.9	486.5	486.3	485.8	485.4	484.9	484.5	484.9
115°	553.1	552.2	551.3	550.4	550.0	549.3	548.0	546.7	545.4	544.1	545.4
117.5°	615.2	613.9	612.6	611.3	610.6	610.4	609.9	609.5	609.0	608.6	609.0
120°	673.7	673.2	672.8	672.3	672.1	671.6	670.5	669.4	668.3	667.2	668.3
122.5°	730.3	729.8	729.4	728.9	728.7	728.0	726.7	725.4	724.1	722.8	724.1
125°	785.4	784.5	783.6	782.7	782.3	782.0	781.3	780.6	780.0	779.3	780.0
127.5°	835.5	835.1	834.6	834.2	834.0	833.1	831.3	829.6	827.8	826.0	827.8
130°	884.9	884.3	883.6	882.9	882.6	882.0	880.9	879.8	878.7	877.6	878.7
132.5°	930.3	930.3	930.3	930.3	930.3	929.7	928.6	927.5	926.4	925.3	926.4
135°	975.5	975.0	974.6	974.1	973.9	973.2	971.9	970.6	969.3	968.0	969.3
137.5°	1017.6	1017.6	1017.6	1017.6	1017.6	1017.1	1016.0	1014.9	1013.8	1012.7	1013.8
140°	1055.7	1056.2	1056.6	1057.1	1057.3	1056.6	1055.3	1054.0	1052.7	1051.4	1052.7
142.5°	1094.1	1094.1	1094.1	1094.1	1094.1	1093.4	1092.1	1090.8	1089.4	1088.1	1089.4
145°	1129.0	1129.2	1129.5	1129.7	1129.8	1129.1	1127.8	1126.5	1125.2	1123.9	1125.2
147.5°	1159.8	1160.0	1160.3	1160.5	1160.6	1159.8	1158.3	1156.7	1155.2	1153.6	1155.2
150°	1188.8	1189.3	1189.7	1190.2	1190.4	1189.5	1187.7	1186.0	1184.2	1182.4	1184.2
152.5°	1214.6	1215.1	1215.5	1216.0	1216.2	1215.4	1213.9	1212.3	1210.8	1209.2	1210.8
155°	1237.7	1238.3	1239.0	1239.7	1240.0	1239.1	1237.4	1235.6	1233.9	1232.1	1233.9
157.5°	1257.6	1258.2	1258.9	1259.6	1259.9	1259.0	1257.2	1255.5	1253.7	1251.9	1253.7
160°	1275.7	1276.5	1277.4	1278.3	1278.7	1277.8	1276.1	1274.3	1272.6	1270.8	1272.6
162.5°	1291.9	1293.3	1294.6	1295.9	1296.6	1295.6	1293.6	1291.7	1289.7	1287.7	1289.7
165°	1305.8	1307.2	1308.5	1309.8	1310.5	1309.6	1307.9	1306.1	1304.4	1302.6	1304.4
167.5°	1317.0	1318.6	1320.1	1321.6	1322.4	1321.4	1319.4	1317.5	1315.5	1313.5	1315.5
170°	1325.2	1326.9	1328.7	1330.4	1331.3	1330.3	1328.3	1326.4	1324.4	1322.4	1324.4
172.5°	1331.9	1333.5	1335.0	1336.5	1337.3	1336.3	1334.3	1332.4	1330.4	1328.4	1330.4
175°	1336.1	1337.9	1339.6	1341.4	1342.3	1341.3	1339.3	1337.3	1335.3	1333.3	1335.3
177.5°	1338.9	1340.4	1342.0	1343.5	1344.3	1343.4	1341.6	1339.9	1338.1	1336.3	1338.1
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	586.6	583.4	584.8	583.4	582.0	580.7	577.5	573.0	569.4	566.7	566.2
5°	631.8	627.7	625.0	623.6	620.9	617.3	611.4	604.6	596.5	593.3	587.0
7.5°	673.3	672.0	665.6	664.7	662.9	656.2	646.2	637.2	626.8	618.2	610.1
10°	712.6	709.5	705.0	698.6	697.7	689.1	679.7	667.0	653.4	645.3	630.8
12.5°	737.0	733.4	728.5	724.4	722.1	716.7	703.6	691.0	678.7	663.8	651.2
15°	754.7	750.1	741.1	737.9	735.2	728.0	718.5	705.4	689.1	678.7	660.7
17.5°	778.6	773.2	764.2	758.3	753.3	742.0	728.5	710.8	695.5	683.7	667.5
20°	806.2	798.0	786.3	778.6	771.4	758.3	739.3	718.5	696.4	681.9	665.2
22.5°	851.8	836.5	817.9	807.1	797.1	774.6	752.0	726.2	701.3	679.7	659.3
25°	896.1	880.7	857.7	842.8	827.4	801.2	771.4	735.7	704.1	678.7	652.1
27.5°	937.2	921.4	900.2	882.1	867.2	827.9	788.6	748.3	708.1	673.3	646.2
30°	946.7	939.9	923.7	907.9	894.3	858.2	812.5	761.4	713.1	668.4	638.1
32.5°	889.3	906.1	910.1	907.9	899.3	873.5	831.5	777.7	720.3	666.1	624.5
35°	770.0	800.3	831.5	848.2	856.3	860.0	835.1	785.8	725.3	662.5	615.5
37.5°	638.5	667.9	717.2	742.0	769.6	805.7	815.7	784.0	723.0	659.8	601.0
40°	524.7	562.2	602.8	625.4	649.4	714.4	763.7	760.1	715.8	649.8	589.7
42.5°	427.0	450.5	486.2	511.1	540.5	613.2	679.2	711.7	694.1	637.6	575.3
45°	356.1	374.2	399.5	424.8	442.9	508.8	587.0	640.3	657.1	615.9	553.1
47.5°	300.1	313.6	335.8	351.6	371.0	423.0	490.8	565.8	601.0	585.2	529.6
50°	257.1	268.0	285.6	295.5	312.7	357.5	409.0	487.6	540.9	542.7	498.4
52.5°	219.6	230.5	245.4	254.0	264.4	294.6	346.6	413.0	474.5	497.1	462.7
55°	191.2	197.5	209.7	216.5	225.9	255.3	288.3	344.8	409.0	446.0	424.3
57.5°	164.9	171.7	179.4	184.8	191.6	215.1	244.9	287.4	351.1	391.3	384.1
60°	143.7	147.8	155.0	159.1	165.4	180.8	201.5	244.0	294.6	332.6	336.7
62.5°	123.8	127.4	132.4	136.0	140.1	152.3	167.7	197.9	242.2	283.3	288.8
65°	106.6	109.8	112.5	115.7	118.8	126.5	139.6	163.1	197.5	235.9	247.6
67.5°	91.3	92.2	96.3	96.7	98.5	104.4	113.9	132.9	157.7	188.4	203.8
70°	76.4	78.2	79.1	80.4	82.2	86.3	94.0	103.9	122.5	147.3	161.8
72.5°	61.9	62.4	63.7	64.6	66.4	69.6	73.2	80.9	92.6	110.7	123.8
75°	49.3	49.7	50.6	51.1	52.4	53.3	55.1	60.6	68.7	79.5	89.0
77.5°	37.1	38.0	38.9	38.9	39.3	40.2	41.1	42.9	47.0	54.2	62.4
80°	25.3	25.8	25.8	26.2	25.8	27.1	28.5	30.7	32.5	34.8	38.9
82.5°	17.6	17.6	17.6	18.1	18.1	18.5	18.5	19.0	19.4	20.8	22.6
85°	10.8	10.8	11.3	10.4	10.8	11.3	11.3	10.8	11.3	11.7	12.2
87.5°	4.5	4.5	5.0	5.0	5.0	5.0	4.5	5.0	4.5	5.0	5.0
90°	22.5	21.8	21.1	20.8	20.3	19.2	18.1	17.0	15.9	14.3	12.8
92.5°	21.4	21.1	20.9	20.8	20.3	19.2	18.1	17.0	15.9	14.6	13.2
95°	20.8	20.8	20.8	20.8	20.3	19.2	18.1	17.0	15.9	24.3	32.7
97.5°	20.4	20.2	20.0	19.9	19.7	19.2	18.8	18.3	17.9	38.9	59.8
100°	22.6	23.5	24.4	24.8	41.2	74.1	107.0	139.8	172.7	171.8	171.0
102.5°	188.0	206.5	225.0	234.3	234.1	233.6	233.2	232.7	232.3	231.9	231.4
105°	295.3	295.6	295.8	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	360.2	361.1	362.0	362.4	362.3	362.1	361.8	361.6	361.4	361.0	360.5
110°	424.5	424.2	424.0	423.9	424.2	424.9	425.6	426.2	426.9	426.5	426.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	485.4	485.8	486.3	486.5	486.9	487.8	488.7	489.5	490.4	490.2	490.0
115°	546.7	548.0	549.3	550.0	550.4	551.3	552.2	553.1	554.0	553.8	553.6
117.5°	609.5	609.9	610.4	610.6	611.3	612.6	613.9	615.2	616.5	615.6	614.8
120°	669.4	670.5	671.6	672.1	672.3	672.8	673.2	673.7	674.1	673.4	672.8
122.5°	725.4	726.7	728.0	728.7	728.9	729.4	729.8	730.3	730.7	730.5	730.3
125°	780.6	781.3	782.0	782.3	782.7	783.6	784.5	785.4	786.3	786.3	786.3
127.5°	829.6	831.3	833.1	834.0	834.2	834.6	835.1	835.5	835.9	836.1	836.3
130°	879.8	880.9	882.0	882.6	882.9	883.6	884.3	884.9	885.6	885.4	885.2
132.5°	927.5	928.6	929.7	930.3	930.3	930.3	930.3	930.3	930.3	930.9	931.6
135°	970.6	971.9	973.2	973.9	974.1	974.6	975.0	975.5	975.9	976.3	976.8
137.5°	1014.9	1016.0	1017.1	1017.6	1017.6	1017.6	1017.6	1017.6	1017.6	1018.0	1018.5
140°	1054.0	1055.3	1056.6	1057.3	1057.1	1056.6	1056.2	1055.7	1055.3	1055.5	1055.7
142.5°	1090.8	1092.1	1093.4	1094.1	1094.1	1094.1	1094.1	1094.1	1094.1	1093.7	1093.2
145°	1126.5	1127.8	1129.1	1129.8	1129.7	1129.5	1129.2	1129.0	1128.8	1128.8	1128.8
147.5°	1156.7	1158.3	1159.8	1160.6	1160.5	1160.3	1160.0	1159.8	1159.6	1159.4	1159.2
150°	1186.0	1187.7	1189.5	1190.4	1190.2	1189.7	1189.3	1188.8	1188.4	1188.0	1187.5
152.5°	1212.3	1213.9	1215.4	1216.2	1216.0	1215.5	1215.1	1214.6	1214.2	1213.8	1213.3
155°	1235.6	1237.4	1239.1	1240.0	1239.7	1239.0	1238.3	1237.7	1237.0	1236.6	1236.1
157.5°	1255.5	1257.2	1259.0	1259.9	1259.6	1258.9	1258.2	1257.6	1256.9	1256.9	1256.9
160°	1274.3	1276.1	1277.8	1278.7	1278.3	1277.4	1276.5	1275.7	1274.8	1274.6	1274.4
162.5°	1291.7	1293.6	1295.6	1296.6	1295.9	1294.6	1293.3	1291.9	1290.6	1290.4	1290.2
165°	1306.1	1307.9	1309.6	1310.5	1309.8	1308.5	1307.2	1305.8	1304.5	1304.3	1304.1
167.5°	1317.5	1319.4	1321.4	1322.4	1321.6	1320.1	1318.6	1317.0	1315.5	1315.3	1315.1
170°	1326.4	1328.3	1330.3	1331.3	1330.4	1328.7	1326.9	1325.2	1323.4	1323.2	1323.0
172.5°	1332.4	1334.3	1336.3	1337.3	1336.5	1335.0	1333.5	1331.9	1330.4	1330.0	1329.5
175°	1337.3	1339.3	1341.3	1342.3	1341.4	1339.6	1337.9	1336.1	1334.3	1334.1	1333.9
177.5°	1339.9	1341.6	1343.4	1344.3	1343.5	1342.0	1340.4	1338.9	1337.3	1337.1	1336.9
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027156

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	564.9	562.2	560.4	559.9	557.2	554.9	552.2	551.8	550.4	546.8	544.5
5°	582.5	576.2	574.8	570.7	564.0	559.0	552.7	549.1	545.0	538.2	532.8
7.5°	600.6	592.0	585.7	579.8	570.3	561.3	552.2	545.0	537.8	527.8	519.7
10°	618.2	605.1	597.4	588.8	575.7	562.2	549.5	539.1	527.4	515.6	503.9
12.5°	634.5	617.7	606.4	594.2	578.0	561.3	545.0	530.5	518.3	502.5	489.4
15°	644.4	625.9	614.6	602.8	578.4	559.9	540.9	522.4	506.1	489.4	477.2
17.5°	650.3	629.5	616.8	606.0	581.1	555.8	531.4	511.5	493.9	474.0	457.8
20°	647.6	627.2	615.5	605.1	576.2	550.9	524.7	501.6	479.5	459.1	442.0
22.5°	641.7	620.5	607.3	597.9	572.1	542.3	513.4	488.5	465.5	445.1	425.7
25°	629.0	608.3	597.0	585.2	559.9	531.4	502.1	475.4	451.0	429.3	407.6
27.5°	617.7	592.4	580.7	570.3	543.6	518.3	489.4	460.0	435.2	412.6	390.9
30°	604.6	576.2	563.5	549.5	525.6	501.6	472.7	445.6	419.8	395.9	375.1
32.5°	590.6	557.6	543.2	527.4	503.0	480.4	456.0	429.3	403.5	380.0	358.4
35°	572.6	537.3	520.6	505.7	480.4	457.8	435.2	413.0	387.3	362.4	341.6
37.5°	555.4	516.5	498.9	481.7	455.1	433.4	414.8	394.1	369.2	345.2	325.4
40°	535.9	491.2	473.1	457.3	429.8	405.8	389.1	372.8	351.1	328.1	306.4
42.5°	518.3	467.7	448.7	432.5	403.5	380.9	365.1	351.6	332.6	311.4	289.2
45°	493.9	442.4	423.0	405.8	376.4	355.2	338.9	327.2	312.3	292.4	272.5
47.5°	471.3	418.0	396.8	376.0	349.3	327.6	312.7	303.7	293.7	276.1	255.8
50°	443.8	390.0	368.3	351.1	320.8	302.3	287.4	281.1	272.0	255.3	239.1
52.5°	413.9	362.9	342.5	321.8	293.7	275.7	262.6	255.3	248.1	235.9	220.5
55°	379.1	332.6	313.6	295.1	267.1	250.4	238.6	230.9	226.9	215.6	204.3
57.5°	345.7	301.9	284.2	267.1	242.7	223.7	216.0	209.2	203.4	195.2	185.7
60°	311.8	272.0	253.1	237.7	216.5	199.3	193.0	186.2	181.7	175.3	168.6
62.5°	272.9	239.1	224.6	210.1	192.1	178.5	171.3	165.8	160.0	155.9	150.0
65°	231.8	207.9	193.9	183.0	165.8	153.6	148.2	144.6	139.6	135.6	131.1
67.5°	193.4	174.4	168.6	156.8	143.7	132.9	128.8	124.3	120.2	117.9	113.9
70°	156.4	142.8	136.9	133.8	119.3	112.1	108.5	106.6	101.7	99.4	96.7
72.5°	121.1	116.1	112.1	108.0	98.5	94.0	89.9	88.1	84.5	82.7	81.8
75°	89.5	86.3	84.1	83.6	79.5	75.0	70.9	70.0	67.3	65.5	64.6
77.5°	62.8	61.9	61.5	61.9	59.2	56.5	55.6	54.7	51.5	51.1	51.1
80°	41.1	43.4	43.4	42.9	42.0	41.6	40.2	39.3	37.5	37.1	37.5
82.5°	25.3	26.7	27.1	28.0	27.6	27.1	26.2	25.8	26.2	25.3	25.8
85°	12.7	13.6	15.4	15.4	15.8	15.8	15.8	15.4	14.5	14.9	14.5
87.5°	5.0	5.4	5.4	5.4	5.0	6.3	6.8	6.8	6.8	5.9	5.9
90°	11.2	9.7	8.9	8.0	6.3	4.5	2.8	1.0	2.8	4.5	6.3
92.5°	11.9	10.6	9.9	10.9	12.9	14.9	16.9	18.9	16.9	14.9	12.9
95°	41.0	49.4	53.6	53.9	54.6	55.3	55.9	56.6	55.9	55.3	54.6
97.5°	80.8	101.7	112.2	111.5	110.2	108.9	107.5	106.2	107.5	108.9	110.2
100°	170.1	169.2	168.8	168.5	167.8	167.1	166.5	165.8	166.5	167.1	167.8
102.5°	231.0	230.5	230.3	229.9	229.0	228.1	227.3	226.4	227.3	228.1	229.0
105°	295.9	295.9	295.9	295.5	294.6	293.7	292.8	291.9	292.8	293.7	294.6
107.5°	360.1	359.6	359.4	359.4	359.4	359.4	359.4	359.4	359.4	359.4	359.4
110°	425.6	425.1	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	489.8	489.6	489.5	489.2	488.5	487.8	487.2	486.5	487.2	487.8	488.5
115°	553.3	553.1	553.0	552.4	551.3	550.2	549.1	548.0	549.1	550.2	551.3
117.5°	613.9	613.0	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6
120°	672.1	671.4	671.1	671.2	671.4	671.7	671.9	672.1	671.9	671.7	671.4
122.5°	730.0	729.8	729.7	729.1	728.0	726.9	725.8	724.7	725.8	726.9	728.0
125°	786.3	786.3	786.3	785.5	784.0	782.4	780.9	779.3	780.9	782.4	784.0
127.5°	836.6	836.8	836.9	836.4	835.3	834.2	833.1	832.0	833.1	834.2	835.3
130°	884.9	884.7	884.6	884.0	882.9	881.8	880.7	879.6	880.7	881.8	882.9
132.5°	932.2	932.9	933.2	932.5	931.2	929.9	928.6	927.3	928.6	929.9	931.2
135°	977.2	977.7	977.9	977.2	975.9	974.6	973.3	972.0	973.3	974.6	975.9
137.5°	1018.9	1019.4	1019.6	1018.9	1017.6	1016.3	1015.0	1013.7	1015.0	1016.3	1017.6
140°	1056.0	1056.2	1056.3	1056.1	1055.7	1055.2	1054.8	1054.4	1054.8	1055.2	1055.7
142.5°	1092.8	1092.3	1092.1	1092.0	1091.8	1091.5	1091.3	1091.1	1091.3	1091.5	1091.8
145°	1128.8	1128.8	1128.8	1128.6	1128.1	1127.7	1127.2	1126.8	1127.2	1127.7	1128.1
147.5°	1158.9	1158.7	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6
150°	1187.1	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4	1188.0	1187.5	1187.1
152.5°	1212.9	1212.4	1212.2	1212.8	1213.9	1215.0	1216.1	1217.2	1216.1	1215.0	1213.9
155°	1235.7	1235.2	1235.0	1235.7	1237.0	1238.3	1239.7	1241.0	1239.7	1238.3	1237.0
157.5°	1256.9	1256.9	1256.9	1257.2	1257.9	1258.6	1259.2	1259.9	1259.2	1258.6	1257.9
160°	1274.1	1273.9	1273.8	1274.5	1275.8	1277.1	1278.4	1279.7	1278.4	1277.1	1275.8
162.5°	1289.9	1289.7	1289.6	1290.3	1291.6	1292.9	1294.3	1295.6	1294.3	1292.9	1291.6
165°	1303.8	1303.6	1303.5	1304.2	1305.5	1306.8	1308.2	1309.5	1308.2	1306.8	1305.5
167.5°	1314.8	1314.6	1314.5	1315.2	1316.5	1317.8	1319.1	1320.4	1319.1	1317.8	1316.5
170°	1322.7	1322.5	1322.4	1323.2	1324.7	1326.3	1327.8	1329.4	1327.8	1326.3	1324.7
172.5°	1329.1	1328.6	1328.4	1329.2	1330.7	1332.2	1333.8	1335.3	1333.8	1332.2	1330.7
175°	1333.6	1333.4	1333.3	1334.0	1335.3	1336.6	1338.0	1339.3	1338.0	1336.6	1335.3
177.5°	1336.6	1336.4	1336.3	1337.0	1338.3	1339.6	1341.0	1342.3	1341.0	1339.6	1338.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	543.2	541.4	540.0	538.7	532.8	526.5	525.6	524.2	521.5	524.7	523.3
5°	529.2	525.1	522.8	517.0	509.7	504.3	499.8	494.4	492.1	490.3	489.9
7.5°	512.0	508.4	504.3	498.4	489.4	480.4	473.6	468.2	463.6	461.4	461.4
10°	495.3	490.8	485.3	475.4	466.8	455.5	448.3	442.9	436.5	432.9	429.8
12.5°	478.1	473.1	468.2	455.5	445.6	433.8	423.4	416.6	413.5	409.4	404.0
15°	460.9	453.3	448.3	435.6	423.0	411.2	404.4	397.2	390.0	385.9	384.1
17.5°	442.9	437.4	429.3	415.7	401.7	391.3	381.4	374.6	366.0	362.0	357.9
20°	426.6	418.5	410.3	396.8	383.2	369.2	359.3	351.1	345.7	342.5	338.9
22.5°	407.2	399.5	392.7	378.2	363.3	350.2	339.4	334.4	329.0	324.0	320.4
25°	390.4	382.8	376.0	360.2	343.9	331.7	323.6	317.2	311.4	309.1	305.5
27.5°	372.8	365.6	356.5	340.7	326.3	315.9	307.3	301.4	296.9	292.4	289.7
30°	356.1	348.0	339.8	322.7	310.9	300.5	292.4	285.1	281.5	279.3	274.8
32.5°	339.8	329.4	322.7	306.8	295.5	285.6	278.8	272.5	268.0	263.9	260.3
35°	322.2	310.9	304.1	291.0	279.3	269.3	263.5	258.9	253.5	249.9	248.1
37.5°	305.5	296.0	289.2	275.7	263.9	255.8	249.4	243.6	241.3	236.3	235.4
40°	287.4	279.3	272.9	259.8	249.0	242.7	235.9	230.5	226.4	224.1	221.0
42.5°	271.1	264.4	257.6	245.4	235.0	227.3	222.3	217.4	213.7	210.1	207.9
45°	256.2	249.0	242.7	230.9	220.5	213.7	208.8	202.9	202.0	197.0	194.8
47.5°	240.4	234.1	228.7	216.5	207.0	200.2	194.3	190.2	186.2	184.4	181.2
50°	225.0	218.7	212.4	201.5	193.0	186.2	180.3	175.8	173.5	170.8	168.1
52.5°	208.3	203.4	198.4	187.1	178.5	172.6	167.7	161.8	159.5	157.3	155.5
55°	194.3	187.1	181.7	172.2	164.5	158.2	152.7	148.2	146.0	144.2	141.9
57.5°	175.3	170.8	166.3	157.7	150.5	144.2	138.7	135.1	132.4	131.1	131.5
60°	159.1	154.1	151.4	142.3	135.1	130.1	125.2	121.6	118.8	117.5	117.0
62.5°	141.9	138.3	133.3	127.0	119.8	115.2	111.6	108.9	104.4	103.9	102.6
65°	125.2	122.5	117.9	112.1	106.2	102.1	98.1	94.4	92.6	90.4	89.0
67.5°	108.9	106.2	102.1	97.2	93.1	89.0	85.4	81.8	78.6	76.8	75.9
70°	93.1	90.8	88.1	82.2	77.3	74.1	71.4	69.1	66.0	65.1	64.6
72.5°	77.7	75.5	74.1	69.1	64.6	61.9	59.2	56.9	55.6	55.1	53.8
75°	63.7	61.5	59.7	55.1	52.4	50.6	47.9	47.0	45.6	45.2	44.7
77.5°	49.7	47.4	47.0	43.8	40.7	39.8	38.9	37.1	37.1	37.1	36.2
80°	35.7	35.2	34.8	31.6	30.3	29.4	28.9	27.6	26.7	25.8	25.3
82.5°	24.0	23.5	23.0	21.7	20.3	19.9	19.4	18.5	18.5	19.0	18.1
85°	14.5	13.6	13.1	12.7	11.7	11.7	12.2	11.7	11.7	11.7	11.3
87.5°	5.4	5.4	5.4	5.4	5.9	5.0	5.4	5.4	5.0	5.0	4.5
90°	8.0	8.9	9.7	11.2	12.8	14.3	15.9	17.0	18.1	19.2	20.3
92.5°	10.9	9.9	10.6	11.9	13.2	14.6	15.9	17.0	18.1	19.2	20.3
95°	53.9	53.6	49.4	41.0	32.7	24.3	15.9	17.0	18.1	19.2	20.3
97.5°	111.5	112.2	101.7	80.8	59.8	38.9	17.9	18.3	18.8	19.2	19.7
100°	168.5	168.8	169.2	170.1	171.0	171.8	172.7	139.8	107.0	74.1	41.2
102.5°	229.9	230.3	230.5	231.0	231.4	231.9	232.3	232.7	233.2	233.6	234.1
105°	295.5	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	359.4	359.4	359.6	360.1	360.5	361.0	361.4	361.6	361.8	362.1	362.3
110°	424.9	424.9	425.1	425.6	426.0	426.5	426.9	426.2	425.6	424.9	424.2

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	489.2	489.5	489.6	489.8	490.0	490.2	490.4	489.5	488.7	487.8	486.9
115°	552.4	553.0	553.1	553.3	553.6	553.8	554.0	553.1	552.2	551.3	550.4
117.5°	612.6	612.6	613.0	613.9	614.8	615.6	616.5	615.2	613.9	612.6	611.3
120°	671.2	671.1	671.4	672.1	672.8	673.4	674.1	673.7	673.2	672.8	672.3
122.5°	729.1	729.7	729.8	730.0	730.3	730.5	730.7	730.3	729.8	729.4	728.9
125°	785.5	786.3	786.3	786.3	786.3	786.3	786.3	785.4	784.5	783.6	782.7
127.5°	836.4	836.9	836.8	836.6	836.3	836.1	835.9	835.5	835.1	834.6	834.2
130°	884.0	884.6	884.7	884.9	885.2	885.4	885.6	884.9	884.3	883.6	882.9
132.5°	932.5	933.2	932.9	932.2	931.6	930.9	930.3	930.3	930.3	930.3	930.3
135°	977.2	977.9	977.7	977.2	976.8	976.3	975.9	975.5	975.0	974.6	974.1
137.5°	1018.9	1019.6	1019.4	1018.9	1018.5	1018.0	1017.6	1017.6	1017.6	1017.6	1017.6
140°	1056.1	1056.3	1056.2	1056.0	1055.7	1055.5	1055.3	1055.7	1056.2	1056.6	1057.1
142.5°	1092.0	1092.1	1092.3	1092.8	1093.2	1093.7	1094.1	1094.1	1094.1	1094.1	1094.1
145°	1128.6	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1129.0	1129.2	1129.5	1129.7
147.5°	1158.6	1158.6	1158.7	1158.9	1159.2	1159.4	1159.6	1159.8	1160.0	1160.3	1160.5
150°	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4	1188.8	1189.3	1189.7	1190.2
152.5°	1212.8	1212.2	1212.4	1212.9	1213.3	1213.8	1214.2	1214.6	1215.1	1215.5	1216.0
155°	1235.7	1235.0	1235.2	1235.7	1236.1	1236.6	1237.0	1237.7	1238.3	1239.0	1239.7
157.5°	1257.2	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9	1257.6	1258.2	1258.9	1259.6
160°	1274.5	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8	1275.7	1276.5	1277.4	1278.3
162.5°	1290.3	1289.6	1289.7	1289.9	1290.2	1290.4	1290.6	1291.9	1293.3	1294.6	1295.9
165°	1304.2	1303.5	1303.6	1303.8	1304.1	1304.3	1304.5	1305.8	1307.2	1308.5	1309.8
167.5°	1315.2	1314.5	1314.6	1314.8	1315.1	1315.3	1315.5	1317.0	1318.6	1320.1	1321.6
170°	1323.2	1322.4	1322.5	1322.7	1323.0	1323.2	1323.4	1325.2	1326.9	1328.7	1330.4
172.5°	1329.2	1328.4	1328.6	1329.1	1329.5	1330.0	1330.4	1331.9	1333.5	1335.0	1336.5
175°	1334.0	1333.3	1333.4	1333.6	1333.9	1334.1	1334.3	1336.1	1337.9	1339.6	1341.4
177.5°	1337.0	1336.3	1336.4	1336.6	1336.9	1337.1	1337.3	1338.9	1340.4	1342.0	1343.5
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027156

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	521.0	521.9	519.7	518.8	517.0	519.2	519.7	519.2	523.3	521.5	522.4
5°	490.8	489.0	487.6	484.4	484.4	484.9	486.2	484.0	485.3	488.5	488.0
7.5°	457.3	456.4	456.9	453.3	450.5	451.4	450.5	454.6	456.9	456.0	457.8
10°	427.0	428.9	424.8	423.0	421.2	423.0	422.5	423.4	426.1	427.9	431.1
12.5°	402.6	402.2	399.9	398.1	395.0	395.9	398.6	397.7	398.1	402.2	401.7
15°	379.6	376.9	375.1	371.0	371.9	368.7	371.5	374.6	376.0	379.6	381.9
17.5°	356.5	356.1	353.8	353.4	348.4	347.1	349.8	350.7	352.0	353.8	357.0
20°	337.1	336.7	333.5	332.6	328.5	331.2	330.3	332.1	333.0	336.7	338.0
22.5°	319.5	317.2	316.3	315.0	313.6	313.2	315.0	314.5	317.7	319.0	319.5
25°	303.2	301.4	301.0	298.7	297.8	296.4	297.8	299.2	302.8	304.1	305.9
27.5°	288.3	287.0	286.1	284.2	282.9	282.9	283.8	285.6	287.0	287.9	288.8
30°	274.8	273.8	271.1	270.2	268.9	268.9	268.9	269.8	272.0	274.8	276.1
32.5°	260.7	258.9	257.1	257.1	255.8	255.8	256.2	257.1	259.4	259.8	262.1
35°	247.2	245.4	244.0	243.1	243.6	241.8	242.7	244.0	246.7	247.6	249.0
37.5°	234.1	233.6	230.9	229.6	230.5	230.5	230.0	230.9	232.7	234.5	235.4
40°	219.6	218.7	218.7	217.4	217.8	216.0	217.4	218.3	219.2	221.0	222.3
42.5°	207.0	206.1	204.3	204.7	203.4	203.4	204.3	204.7	206.1	208.3	209.2
45°	193.4	193.4	192.5	191.2	191.6	190.2	191.2	191.6	193.4	195.7	194.8
47.5°	180.3	179.9	179.9	178.0	179.0	177.6	179.0	179.4	180.3	181.7	181.2
50°	167.7	166.3	166.7	166.3	165.8	165.8	166.7	166.7	167.7	167.7	169.0
52.5°	154.5	154.5	153.6	154.1	155.0	154.1	155.5	154.1	155.0	155.5	156.4
55°	142.8	141.9	142.3	141.9	143.7	142.3	143.7	142.8	143.7	143.3	144.2
57.5°	130.1	128.8	129.2	128.8	130.1	129.7	131.1	129.7	130.1	130.6	132.0
60°	115.7	115.7	115.7	114.8	116.1	116.1	115.7	115.7	117.5	118.4	117.9
62.5°	102.1	101.7	100.3	99.9	100.3	99.4	101.2	100.8	101.7	102.6	103.5
65°	87.2	86.3	85.9	85.0	85.0	84.5	85.0	86.8	87.2	87.7	89.9
67.5°	75.0	74.6	74.1	72.8	72.8	73.7	73.7	73.7	76.4	75.0	76.8
70°	64.2	63.3	62.4	61.9	61.9	62.4	62.8	63.3	62.8	64.6	65.1
72.5°	53.8	54.2	53.3	53.3	53.3	52.9	52.9	53.8	54.2	53.8	54.2
75°	44.7	44.7	44.3	44.7	44.7	44.3	44.3	45.2	45.2	44.7	46.1
77.5°	36.2	35.7	34.8	33.9	34.3	33.9	34.3	33.9	35.2	36.6	35.7
80°	25.3	24.9	24.9	24.9	25.3	24.9	25.8	24.9	25.3	25.3	25.8
82.5°	18.1	18.5	18.5	18.1	18.5	18.1	18.5	18.5	18.5	18.1	18.5
85°	11.7	11.7	11.7	11.7	11.3	11.7	11.7	11.7	12.2	11.7	12.2
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.0	5.4
90°	20.8	21.1	21.8	22.5	23.1	23.8	23.1	22.5	21.8	21.1	20.8
92.5°	20.8	20.9	21.1	21.4	21.6	21.8	21.6	21.4	21.1	20.9	20.8
95°	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
97.5°	19.9	20.0	20.2	20.4	20.6	20.8	20.6	20.4	20.2	20.0	19.9
100°	24.8	24.4	23.5	22.6	21.7	20.8	21.7	22.6	23.5	24.4	24.8
102.5°	234.3	225.0	206.5	188.0	169.4	150.9	169.4	188.0	206.5	225.0	234.3
105°	295.9	295.8	295.6	295.3	295.1	294.9	295.1	295.3	295.6	295.8	295.9
107.5°	362.4	362.0	361.1	360.2	359.3	358.4	359.3	360.2	361.1	362.0	362.4
110°	423.9	424.0	424.2	424.5	424.7	424.9	424.7	424.5	424.2	424.0	423.9

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	486.5	486.3	485.8	485.4	484.9	484.5	484.9	485.4	485.8	486.3	486.5
115°	550.0	549.3	548.0	546.7	545.4	544.1	545.4	546.7	548.0	549.3	550.0
117.5°	610.6	610.4	609.9	609.5	609.0	608.6	609.0	609.5	609.9	610.4	610.6
120°	672.1	671.6	670.5	669.4	668.3	667.2	668.3	669.4	670.5	671.6	672.1
122.5°	728.7	728.0	726.7	725.4	724.1	722.8	724.1	725.4	726.7	728.0	728.7
125°	782.3	782.0	781.3	780.6	780.0	779.3	780.0	780.6	781.3	782.0	782.3
127.5°	834.0	833.1	831.3	829.6	827.8	826.0	827.8	829.6	831.3	833.1	834.0
130°	882.6	882.0	880.9	879.8	878.7	877.6	878.7	879.8	880.9	882.0	882.6
132.5°	930.3	929.7	928.6	927.5	926.4	925.3	926.4	927.5	928.6	929.7	930.3
135°	973.9	973.2	971.9	970.6	969.3	968.0	969.3	970.6	971.9	973.2	973.9
137.5°	1017.6	1017.1	1016.0	1014.9	1013.8	1012.7	1013.8	1014.9	1016.0	1017.1	1017.6
140°	1057.3	1056.6	1055.3	1054.0	1052.7	1051.4	1052.7	1054.0	1055.3	1056.6	1057.3
142.5°	1094.1	1093.4	1092.1	1090.8	1089.4	1088.1	1089.4	1090.8	1092.1	1093.4	1094.1
145°	1129.8	1129.1	1127.8	1126.5	1125.2	1123.9	1125.2	1126.5	1127.8	1129.1	1129.8
147.5°	1160.6	1159.8	1158.3	1156.7	1155.2	1153.6	1155.2	1156.7	1158.3	1159.8	1160.6
150°	1190.4	1189.5	1187.7	1186.0	1184.2	1182.4	1184.2	1186.0	1187.7	1189.5	1190.4
152.5°	1216.2	1215.4	1213.9	1212.3	1210.8	1209.2	1210.8	1212.3	1213.9	1215.4	1216.2
155°	1240.0	1239.1	1237.4	1235.6	1233.9	1232.1	1233.9	1235.6	1237.4	1239.1	1240.0
157.5°	1259.9	1259.0	1257.2	1255.5	1253.7	1251.9	1253.7	1255.5	1257.2	1259.0	1259.9
160°	1278.7	1277.8	1276.1	1274.3	1272.6	1270.8	1272.6	1274.3	1276.1	1277.8	1278.7
162.5°	1296.6	1295.6	1293.6	1291.7	1289.7	1287.7	1289.7	1291.7	1293.6	1295.6	1296.6
165°	1310.5	1309.6	1307.9	1306.1	1304.4	1302.6	1304.4	1306.1	1307.9	1309.6	1310.5
167.5°	1322.4	1321.4	1319.4	1317.5	1315.5	1313.5	1315.5	1317.5	1319.4	1321.4	1322.4
170°	1331.3	1330.3	1328.3	1326.4	1324.4	1322.4	1324.4	1326.4	1328.3	1330.3	1331.3
172.5°	1337.3	1336.3	1334.3	1332.4	1330.4	1328.4	1330.4	1332.4	1334.3	1336.3	1337.3
175°	1342.3	1341.3	1339.3	1337.3	1335.3	1333.3	1335.3	1337.3	1339.3	1341.3	1342.3
177.5°	1344.3	1343.4	1341.6	1339.9	1338.1	1336.3	1338.1	1339.9	1341.6	1343.4	1344.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	520.6	522.8	521.0	519.7	523.3	525.1	525.1	528.3	531.4	534.1	534.6
5°	488.5	492.1	493.0	492.6	498.0	500.7	506.6	509.7	514.3	517.4	521.0
7.5°	459.1	464.1	464.5	465.5	473.6	478.1	483.1	491.2	497.5	502.1	506.1
10°	429.8	432.9	436.1	440.1	448.3	456.0	463.2	471.8	479.9	484.4	490.3
12.5°	407.6	409.9	413.5	416.2	424.8	431.6	441.1	452.8	464.5	468.2	475.4
15°	384.6	385.9	393.2	395.9	403.1	414.4	420.3	431.6	444.2	451.0	459.1
17.5°	357.9	366.0	370.6	373.7	382.8	391.8	401.3	413.0	429.3	435.6	441.5
20°	338.9	344.8	349.8	353.8	362.0	375.5	384.1	393.6	409.0	416.2	424.8
22.5°	322.2	327.2	331.7	336.2	341.6	353.8	363.8	376.9	392.2	399.0	409.0
25°	306.4	311.4	314.1	319.5	326.7	335.3	347.1	358.8	374.2	381.9	391.3
27.5°	291.0	296.0	301.0	305.5	310.5	318.6	326.7	341.6	357.5	366.5	374.6
30°	277.9	280.2	284.7	289.7	294.6	302.3	311.8	322.2	340.3	348.4	358.4
32.5°	263.5	267.5	270.7	274.3	280.6	287.0	295.5	308.6	323.1	330.8	341.6
35°	249.9	253.5	255.8	262.1	266.2	272.9	281.5	293.3	305.5	314.1	323.6
37.5°	236.8	240.4	243.1	246.7	252.2	258.0	267.1	275.7	290.1	297.3	308.2
40°	223.2	226.4	229.6	233.6	238.6	245.8	251.3	262.1	273.8	282.0	290.1
42.5°	210.1	211.9	215.6	220.1	225.0	231.4	239.1	247.6	259.4	266.6	273.8
45°	196.1	199.3	203.4	206.5	211.0	217.4	224.1	231.8	243.6	250.8	258.5
47.5°	183.0	185.3	188.0	193.0	198.8	203.4	210.6	217.8	228.7	235.4	242.7
50°	169.5	171.7	175.8	179.0	183.5	189.3	196.1	203.8	214.2	218.7	225.9
52.5°	156.8	157.7	161.8	164.9	169.5	176.2	181.7	188.4	198.4	203.4	210.6
55°	144.2	145.1	147.3	150.5	155.5	160.9	166.7	174.4	183.0	187.5	194.3
57.5°	131.1	132.0	134.2	136.5	141.4	146.4	153.2	159.5	168.1	172.2	178.5
60°	117.9	117.9	120.2	123.4	127.0	131.5	137.4	145.1	151.4	156.4	160.9
62.5°	103.9	105.3	106.6	108.9	113.0	118.4	123.4	128.8	136.5	140.1	144.2
65°	89.9	91.3	94.0	96.3	99.4	103.0	109.4	113.9	119.8	123.8	127.4
67.5°	77.7	79.1	80.9	83.6	85.9	89.9	94.4	99.0	105.3	108.0	110.7
70°	65.1	66.4	67.8	71.4	73.7	76.8	80.0	84.5	89.9	91.7	94.0
72.5°	55.1	55.6	57.4	58.3	61.5	64.2	67.8	70.5	74.6	76.8	78.6
75°	46.5	46.5	47.0	47.9	49.7	51.5	54.2	56.9	60.6	61.9	64.2
77.5°	36.6	38.0	37.5	38.4	39.3	40.2	42.5	44.3	47.9	48.8	49.7
80°	26.2	26.7	28.0	29.4	29.4	30.7	32.1	32.5	34.8	36.2	36.2
82.5°	19.0	19.4	19.0	19.4	19.9	20.3	21.7	23.5	23.5	24.0	24.9
85°	11.7	11.7	12.2	12.7	12.7	12.2	13.1	12.7	13.1	14.0	14.0
87.5°	5.9	5.4	5.4	5.4	5.4	5.4	5.9	5.4	5.9	5.9	5.9
90°	20.3	19.2	18.1	17.0	15.9	14.3	12.8	11.2	9.7	8.9	8.0
92.5°	20.3	19.2	18.1	17.0	15.9	14.6	13.2	11.9	10.6	9.9	10.9
95°	20.3	19.2	18.1	17.0	15.9	24.3	32.7	41.0	49.4	53.6	53.9
97.5°	19.7	19.2	18.8	18.3	17.9	38.9	59.8	80.8	101.7	112.2	111.5
100°	41.2	74.1	107.0	139.8	172.7	171.8	171.0	170.1	169.2	168.8	168.5
102.5°	234.1	233.6	233.2	232.7	232.3	231.9	231.4	231.0	230.5	230.3	229.9
105°	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.5
107.5°	362.3	362.1	361.8	361.6	361.4	361.0	360.5	360.1	359.6	359.4	359.4
110°	424.2	424.9	425.6	426.2	426.9	426.5	426.0	425.6	425.1	424.9	424.9

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	486.9	487.8	488.7	489.5	490.4	490.2	490.0	489.8	489.6	489.5	489.2
115°	550.4	551.3	552.2	553.1	554.0	553.8	553.6	553.3	553.1	553.0	552.4
117.5°	611.3	612.6	613.9	615.2	616.5	615.6	614.8	613.9	613.0	612.6	612.6
120°	672.3	672.8	673.2	673.7	674.1	673.4	672.8	672.1	671.4	671.1	671.2
122.5°	728.9	729.4	729.8	730.3	730.7	730.5	730.3	730.0	729.8	729.7	729.1
125°	782.7	783.6	784.5	785.4	786.3	786.3	786.3	786.3	786.3	786.3	785.5
127.5°	834.2	834.6	835.1	835.5	835.9	836.1	836.3	836.6	836.8	836.9	836.4
130°	882.9	883.6	884.3	884.9	885.6	885.4	885.2	884.9	884.7	884.6	884.0
132.5°	930.3	930.3	930.3	930.3	930.3	930.9	931.6	932.2	932.9	933.2	932.5
135°	974.1	974.6	975.0	975.5	975.9	976.3	976.8	977.2	977.7	977.9	977.2
137.5°	1017.6	1017.6	1017.6	1017.6	1017.6	1018.0	1018.5	1018.9	1019.4	1019.6	1018.9
140°	1057.1	1056.6	1056.2	1055.7	1055.3	1055.5	1055.7	1056.0	1056.2	1056.3	1056.1
142.5°	1094.1	1094.1	1094.1	1094.1	1094.1	1093.7	1093.2	1092.8	1092.3	1092.1	1092.0
145°	1129.7	1129.5	1129.2	1129.0	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.6
147.5°	1160.5	1160.3	1160.0	1159.8	1159.6	1159.4	1159.2	1158.9	1158.7	1158.6	1158.6
150°	1190.2	1189.7	1189.3	1188.8	1188.4	1188.0	1187.5	1187.1	1186.6	1186.4	1186.6
152.5°	1216.0	1215.5	1215.1	1214.6	1214.2	1213.8	1213.3	1212.9	1212.4	1212.2	1212.8
155°	1239.7	1239.0	1238.3	1237.7	1237.0	1236.6	1236.1	1235.7	1235.2	1235.0	1235.7
157.5°	1259.6	1258.9	1258.2	1257.6	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9	1257.2
160°	1278.3	1277.4	1276.5	1275.7	1274.8	1274.6	1274.4	1274.1	1273.9	1273.8	1274.5
162.5°	1295.9	1294.6	1293.3	1291.9	1290.6	1290.4	1290.2	1289.9	1289.7	1289.6	1290.3
165°	1309.8	1308.5	1307.2	1305.8	1304.5	1304.3	1304.1	1303.8	1303.6	1303.5	1304.2
167.5°	1321.6	1320.1	1318.6	1317.0	1315.5	1315.3	1315.1	1314.8	1314.6	1314.5	1315.2
170°	1330.4	1328.7	1326.9	1325.2	1323.4	1323.2	1323.0	1322.7	1322.5	1322.4	1323.2
172.5°	1336.5	1335.0	1333.5	1331.9	1330.4	1330.0	1329.5	1329.1	1328.6	1328.4	1329.2
175°	1341.4	1339.6	1337.9	1336.1	1334.3	1334.1	1333.9	1333.6	1333.4	1333.3	1334.0
177.5°	1343.5	1342.0	1340.4	1338.9	1337.3	1337.1	1336.9	1336.6	1336.4	1336.3	1337.0
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	550.4	550.4	550.4	550.4
2.5°	537.8	541.8	545.9	550.9
5°	526.9	534.1	541.8	549.1
7.5°	515.2	525.6	535.5	545.9
10°	502.1	515.2	526.5	540.9
12.5°	487.6	501.6	517.4	533.7
15°	473.1	490.8	507.5	526.0
17.5°	459.6	476.3	494.8	517.0
20°	443.3	461.8	482.6	506.1
22.5°	426.1	446.5	469.1	494.4
25°	411.7	432.5	454.2	480.8
27.5°	395.9	417.6	438.8	467.3
30°	377.8	401.3	423.0	452.3
32.5°	360.6	384.1	408.1	435.6
35°	343.9	366.9	390.9	418.9
37.5°	328.1	348.9	372.4	397.7
40°	313.2	332.1	352.9	376.0
42.5°	294.2	316.3	335.8	352.5
45°	277.9	296.0	314.1	327.6
47.5°	258.9	277.0	292.4	303.2
50°	243.1	257.6	270.2	279.7
52.5°	224.1	237.7	248.1	255.3
55°	205.6	217.4	226.4	231.4
57.5°	188.9	196.6	203.4	207.9
60°	170.4	176.2	182.1	187.1
62.5°	150.5	156.8	160.0	165.4
65°	132.9	136.9	141.9	143.7
67.5°	115.7	117.9	121.1	124.7
70°	97.6	99.0	102.1	107.1
72.5°	81.8	83.1	85.4	87.2
75°	65.1	66.4	68.2	70.0
77.5°	51.1	51.5	52.4	54.2
80°	37.1	38.4	39.3	39.8
82.5°	25.8	26.2	26.2	26.7
85°	16.3	15.4	15.4	15.8
87.5°	5.9	6.8	6.8	7.7
90°	6.3	4.5	2.8	1.0
92.5°	12.9	14.9	16.9	18.9
95°	54.6	55.3	55.9	56.6
97.5°	110.2	108.9	107.5	106.2
100°	167.8	167.1	166.5	165.8
102.5°	229.0	228.1	227.3	226.4
105°	294.6	293.7	292.8	291.9
107.5°	359.4	359.4	359.4	359.4
110°	424.9	424.9	424.9	424.9

TEST NUMBER: P1027156

CATALOG NUMBER: S125RDIP-B375D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	488.5	487.8	487.2	486.5
115°	551.3	550.2	549.1	548.0
117.5°	612.6	612.6	612.6	612.6
120°	671.4	671.7	671.9	672.1
122.5°	728.0	726.9	725.8	724.7
125°	784.0	782.4	780.9	779.3
127.5°	835.3	834.2	833.1	832.0
130°	882.9	881.8	880.7	879.6
132.5°	931.2	929.9	928.6	927.3
135°	975.9	974.6	973.3	972.0
137.5°	1017.6	1016.3	1015.0	1013.7
140°	1055.7	1055.2	1054.8	1054.4
142.5°	1091.8	1091.5	1091.3	1091.1
145°	1128.1	1127.7	1127.2	1126.8
147.5°	1158.6	1158.6	1158.6	1158.6
150°	1187.1	1187.5	1188.0	1188.4
152.5°	1213.9	1215.0	1216.1	1217.2
155°	1237.0	1238.3	1239.7	1241.0
157.5°	1257.9	1258.6	1259.2	1259.9
160°	1275.8	1277.1	1278.4	1279.7
162.5°	1291.6	1292.9	1294.3	1295.6
165°	1305.5	1306.8	1308.2	1309.5
167.5°	1316.5	1317.8	1319.1	1320.4
170°	1324.7	1326.3	1327.8	1329.4
172.5°	1330.7	1332.2	1333.8	1335.3
175°	1335.3	1336.6	1338.0	1339.3
177.5°	1338.3	1339.6	1341.0	1342.3
180°	1339.3	1339.3	1339.3	1339.3

(END OF REPORT)