

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: P1034793

Luminaire Tested: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034793
REPORT IS A COMBINATION OF REPORTS P1006371 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

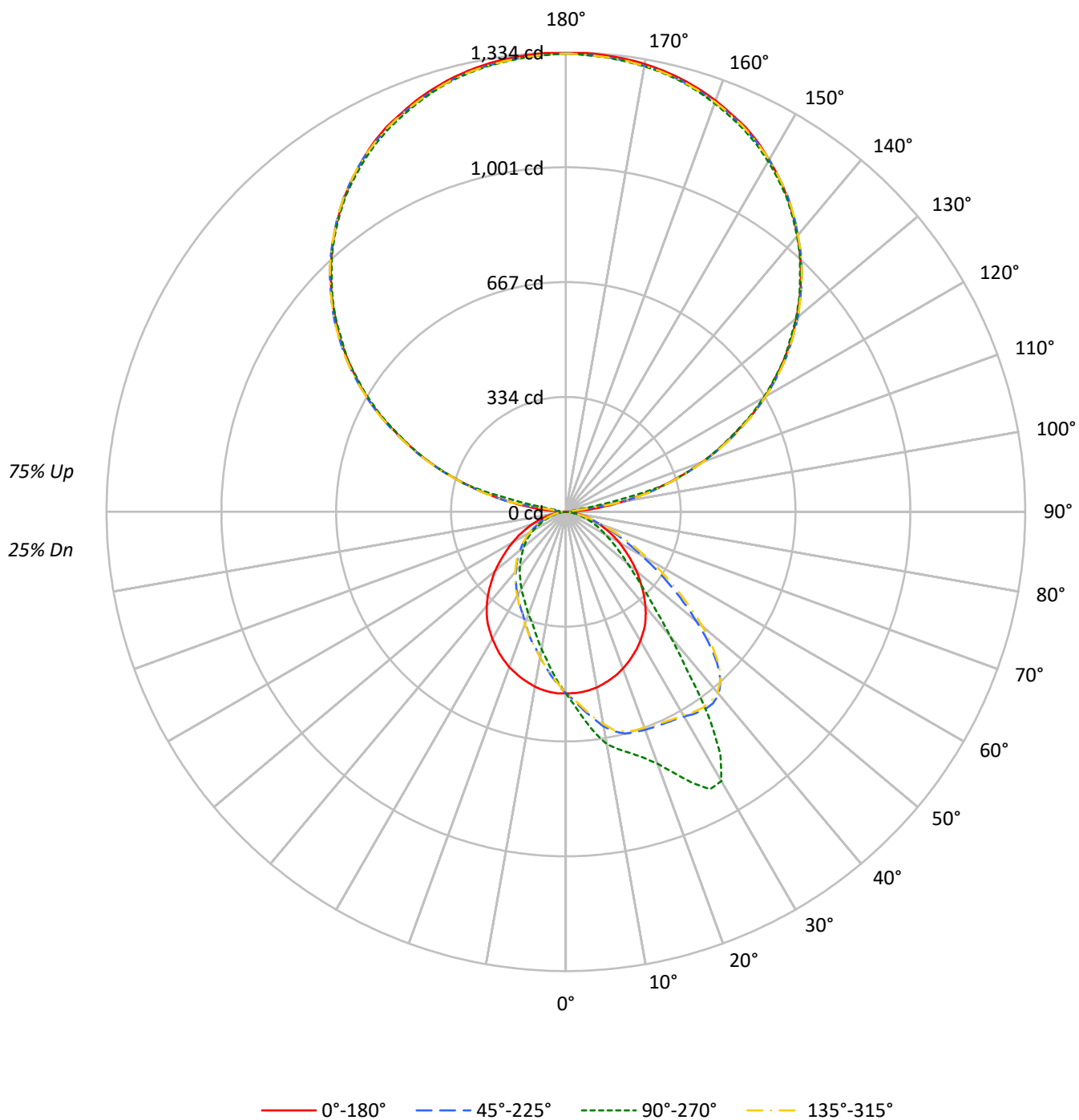
Lumens per Lamp: N/A
Luminaire Lumens: 5454.0 lumens
Efficiency: N/A
Efficacy: 122.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 44.5
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



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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	69	69	69	51	51	51	33	33	33
1	92	88	85	81	82	79	76	73	61	59	57	45	44	42	30	29	28
2	84	77	72	67	75	69	64	60	54	50	48	39	37	36	26	25	24
3	77	68	61	56	68	61	55	50	47	43	40	35	32	30	23	22	21
4	70	60	53	47	62	54	48	43	42	38	34	31	28	26	21	19	18
5	64	54	46	40	57	48	41	37	38	33	29	28	25	23	19	17	16
6	59	48	40	35	53	43	36	32	34	29	26	25	22	20	17	15	14
7	55	43	36	30	49	39	32	28	31	26	22	23	20	17	16	14	12
8	51	39	32	27	45	35	29	24	28	23	20	21	18	15	14	12	11
9	47	35	28	23	42	32	26	22	25	21	18	19	16	14	13	11	10
10	44	32	25	21	39	29	23	19	23	19	16	18	15	12	12	10	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3376	3376	3376	3376
5°	3373	3805	3373	2924
10°	3354	4276	3343	2528
15°	3318	4523	3294	2201
20°	3274	4883	3244	1990
25°	3217	5527	3180	1806
30°	3158	5875	3110	1674
35°	3083	4832	3039	1551
40°	2948	3281	2924	1442
45°	2772	2359	2769	1333
50°	2592	1814	2605	1233
55°	2389	1475	2384	1136
60°	2200	1208	2189	1009
65°	1980	1008	1991	812
70°	1797	809	1790	676
75°	1517	612	1517	556
80°	1231	374	1215	374
85°	863	196	840	221

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4805 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.5	0.9
10°-20°	148.1	2.7
20°-30°	234.9	4.3
30°-40°	283.8	5.2
40°-50°	252.7	4.6
50°-60°	193.8	3.6
60°-70°	125.8	2.3
70°-80°	61.1	1.1
80°-90°	16.3	0.3
90°-100°	45.2	0.8
100°-110°	300.3	5.5
110°-120°	540.7	9.9
120°-130°	694.1	12.7
130°-140°	746.5	13.7
140°-150°	700.6	12.8
150°-160°	566.7	10.4
160°-170°	366.5	6.7
170°-180°	126.4	2.3
0°-30°	433.5	7.9
0°-40°	717.3	13.2
0°-60°	1163.7	21.3
0°-90°	1367.0	25.1
90°-120°	886.2	16.2
90°-150°	3027.4	55.5
90°-180°	4087.0	74.9
0°-180°	5454.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	604	526	464	526	50
15°	504	725	500	353	504	142
25°	460	869	455	284	460	212
35°	401	721	395	231	401	250
45°	314	322	313	182	314	242
55°	222	177	221	136	222	198
65°	138	100	138	81	138	138
75°	67	47	67	42	67	72
85°	15	10	15	11	15	17
90°	1	24	1	24	1	4
95°	56	21	56	21	56	69
105°	290	293	290	293	290	307
115°	544	540	544	540	544	540
125°	774	774	774	774	774	692
135°	966	962	966	962	966	744
145°	1119	1116	1119	1116	1119	700
155°	1233	1224	1233	1224	1233	568
165°	1301	1294	1301	1294	1301	367
175°	1330	1325	1330	1325	1330	127
180°	1330	1330	1330	1330	1330	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	527.3	531.6	532.9	536.4	540.3	541.1	543.3	546.3	548.1	547.6	547.6
5°	525.6	532.9	538.1	544.2	551.5	554.5	557.1	563.6	568.8	571.9	577.0
7.5°	522.5	533.4	542.0	551.1	562.3	567.5	573.2	582.2	591.8	597.8	603.4
10°	517.8	531.6	543.7	557.1	572.3	580.1	587.0	600.8	612.5	620.3	633.3
12.5°	510.9	528.2	545.0	562.8	581.8	590.0	599.5	614.7	631.1	642.4	653.2
15°	503.5	524.3	542.4	563.6	586.6	599.1	611.2	627.2	641.9	654.5	667.0
17.5°	494.9	516.9	539.4	563.6	589.6	602.1	612.5	631.5	647.1	659.7	670.9
20°	484.5	509.1	534.7	561.5	587.9	599.5	609.5	630.2	644.1	657.5	673.5
22.5°	473.2	500.0	527.3	553.7	579.6	592.2	603.9	622.0	637.2	655.3	676.1
25°	460.3	489.7	517.3	543.7	568.4	580.1	590.5	610.4	631.5	654.5	677.8
27.5°	447.3	475.8	502.6	526.9	553.7	564.5	574.9	600.0	625.1	649.3	681.3
30°	433.0	462.0	485.3	507.8	533.8	545.0	558.0	586.6	615.1	648.0	686.9
32.5°	417.0	443.4	465.0	488.4	511.7	525.6	542.0	573.2	606.0	645.4	695.1
35°	401.0	422.2	442.1	464.1	492.3	507.0	523.0	555.8	596.9	644.1	702.1
37.5°	380.7	401.0	416.6	439.1	468.0	485.3	501.3	539.4	586.1	641.1	701.6
40°	359.9	377.2	391.9	415.3	446.8	462.8	480.1	521.7	574.9	632.4	691.2
42.5°	337.4	352.1	368.1	390.6	421.3	436.9	456.8	505.2	559.3	620.3	664.4
45°	313.6	327.9	341.3	364.7	395.4	412.2	433.9	483.6	540.3	594.8	621.2
47.5°	290.3	302.8	317.1	337.4	368.5	387.1	409.2	462.4	514.8	560.6	562.8
50°	267.8	277.7	289.8	310.6	343.0	360.8	383.7	433.4	484.5	516.1	494.9
52.5°	244.4	253.5	266.0	284.2	314.5	335.2	355.1	404.9	447.7	468.9	430.0
55°	221.5	229.3	242.2	262.6	289.0	305.0	325.3	371.6	409.2	409.6	367.2
57.5°	199.0	205.9	216.7	234.9	259.5	278.1	296.7	337.0	362.5	355.1	308.0
60°	179.1	183.4	193.4	211.1	234.0	247.4	267.3	301.1	317.9	304.5	253.9
62.5°	158.3	162.6	170.4	184.7	206.3	220.6	233.2	260.8	272.5	252.2	210.7
65°	137.6	142.7	148.4	159.6	179.9	189.5	200.7	221.0	232.3	208.5	172.6
67.5°	119.4	122.0	127.6	139.3	153.6	162.2	170.0	183.8	186.0	167.0	137.6
70°	102.5	103.4	108.6	115.5	126.3	131.5	138.0	146.2	146.2	130.6	107.3
72.5°	83.5	84.8	88.7	96.0	102.5	105.1	107.3	112.5	111.6	97.3	81.3
75°	67.0	67.9	70.9	74.4	77.0	81.8	83.5	82.6	82.2	70.1	61.0
77.5°	51.9	52.3	54.5	57.5	58.0	59.7	58.4	58.4	54.5	47.6	42.8
80°	38.1	38.5	39.4	40.2	40.2	40.2	40.2	38.1	35.5	31.1	29.8
82.5°	25.5	25.5	26.0	26.8	26.4	25.5	24.7	22.5	20.8	19.5	18.6
85°	15.1	15.1	15.6	15.1	13.4	13.0	12.1	11.7	11.2	10.8	10.8
87.5°	7.4	6.9	6.1	5.2	5.2	5.2	5.2	5.2	5.2	4.8	4.8
90°	1.0	2.8	4.5	6.3	8.0	8.9	9.7	11.2	12.7	14.3	15.8
92.5°	18.7	16.7	14.8	12.8	10.9	9.9	10.6	11.9	13.2	14.5	15.8
95°	56.2	55.6	54.9	54.3	53.6	53.3	49.1	40.8	32.5	24.1	15.8
97.5°	105.5	106.8	108.2	109.5	110.8	111.5	101.1	80.3	59.4	38.6	17.8
100°	164.7	165.4	166.0	166.7	167.4	167.7	168.1	169.0	169.9	170.7	171.6
102.5°	224.9	225.8	226.6	227.5	228.4	228.8	229.0	229.5	229.9	230.4	230.8
105°	290.0	290.9	291.7	292.6	293.5	293.9	293.9	293.9	293.9	293.9	293.9
107.5°	357.0	357.0	357.0	357.0	357.0	357.0	357.2	357.7	358.1	358.6	359.0
110°	422.1	422.1	422.1	422.1	422.1	422.1	422.3	422.8	423.2	423.7	424.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	483.3	483.9	484.6	485.2	485.9	486.2	486.3	486.5	486.8	487.0	487.2
115°	544.4	545.5	546.6	547.7	548.8	549.4	549.5	549.7	549.9	550.1	550.3
117.5°	608.5	608.5	608.5	608.5	608.5	608.5	608.9	609.8	610.7	611.6	612.5
120°	667.7	667.5	667.3	667.0	666.8	666.7	667.0	667.7	668.4	669.0	669.7
122.5°	720.0	721.1	722.2	723.3	724.4	724.9	725.0	725.2	725.5	725.7	725.9
125°	774.2	775.7	777.3	778.8	780.3	781.1	781.1	781.1	781.1	781.1	781.1
127.5°	826.5	827.6	828.7	829.8	830.9	831.4	831.3	831.1	830.9	830.7	830.5
130°	873.9	875.0	876.1	877.2	878.3	878.8	878.9	879.1	879.4	879.6	879.8
132.5°	921.2	922.5	923.8	925.1	926.4	927.1	926.8	926.1	925.5	924.8	924.2
135°	965.6	966.9	968.2	969.5	970.8	971.5	971.3	970.8	970.4	969.9	969.5
137.5°	1007.0	1008.3	1009.6	1010.9	1012.2	1012.9	1012.7	1012.2	1011.8	1011.3	1010.9
140°	1047.4	1047.8	1048.3	1048.7	1049.2	1049.4	1049.3	1049.1	1048.8	1048.6	1048.4
142.5°	1083.9	1084.1	1084.3	1084.6	1084.8	1084.9	1085.1	1085.6	1086.0	1086.5	1086.9
145°	1119.4	1119.8	1120.3	1120.7	1121.2	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4
147.5°	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1151.1	1151.3	1151.6	1151.8	1152.0
150°	1180.6	1180.2	1179.7	1179.3	1178.8	1178.6	1178.8	1179.3	1179.7	1180.2	1180.6
152.5°	1209.2	1208.1	1207.0	1205.9	1204.8	1204.3	1204.5	1204.9	1205.4	1205.8	1206.2
155°	1232.9	1231.6	1230.2	1228.9	1227.6	1226.9	1227.1	1227.6	1228.0	1228.5	1228.9
157.5°	1251.6	1250.9	1250.3	1249.6	1248.9	1248.6	1248.6	1248.6	1248.6	1248.6	1248.6
160°	1271.3	1270.0	1268.7	1267.4	1266.1	1265.4	1265.5	1265.7	1266.0	1266.2	1266.4
162.5°	1287.1	1285.8	1284.5	1283.2	1281.9	1281.2	1281.3	1281.5	1281.8	1282.0	1282.2
165°	1300.9	1299.6	1298.3	1297.0	1295.7	1295.0	1295.1	1295.3	1295.6	1295.8	1296.0
167.5°	1311.8	1310.5	1309.1	1307.8	1306.5	1305.8	1305.9	1306.1	1306.4	1306.6	1306.8
170°	1320.6	1319.1	1317.5	1316.0	1314.5	1313.7	1313.8	1314.0	1314.3	1314.5	1314.7
172.5°	1326.6	1325.1	1323.5	1322.0	1320.5	1319.7	1319.9	1320.3	1320.8	1321.2	1321.6
175°	1330.5	1329.2	1327.9	1326.6	1325.3	1324.6	1324.7	1324.9	1325.2	1325.4	1325.6
177.5°	1333.5	1332.2	1330.8	1329.5	1328.2	1327.5	1327.6	1327.8	1328.1	1328.3	1328.5
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	549.8	552.8	555.4	554.1	559.3	558.9	559.7	561.5	561.9	561.0	559.3
5°	579.6	584.0	591.3	595.2	594.3	597.8	599.5	602.1	604.7	603.9	603.9
7.5°	612.9	619.0	626.4	636.3	637.6	640.6	645.8	645.8	648.8	647.6	647.1
10°	641.9	649.3	661.0	668.7	672.2	673.9	679.1	680.9	684.3	684.8	684.8
12.5°	665.7	678.7	686.5	694.3	696.0	698.6	702.5	705.1	706.4	706.4	705.1
15°	678.3	688.6	697.7	705.9	710.7	712.9	716.8	719.8	721.5	725.4	726.3
17.5°	683.5	696.0	710.7	722.4	730.6	732.8	740.6	743.1	746.6	748.3	750.5
20°	690.8	709.0	726.7	741.0	748.8	754.4	762.6	774.7	778.2	778.2	776.9
22.5°	697.3	720.7	744.9	767.8	774.3	785.5	800.7	813.7	818.8	821.0	819.3
25°	705.1	737.1	768.7	797.2	815.0	823.2	843.5	859.1	865.1	868.6	869.5
27.5°	718.5	758.7	798.9	835.3	853.5	863.0	884.2	897.6	904.9	908.0	905.8
30°	733.6	782.9	829.7	862.1	874.2	885.9	899.7	904.9	903.2	903.2	909.7
32.5°	749.2	800.2	841.8	863.0	867.3	865.6	859.9	844.4	835.3	835.3	840.9
35°	757.9	802.0	823.2	816.3	799.4	789.4	758.7	741.4	722.0	720.7	727.1
37.5°	753.1	772.1	763.5	718.1	695.1	676.1	628.1	609.1	594.8	574.9	605.6
40°	719.8	713.3	668.3	603.0	577.5	550.7	512.6	493.6	473.7	470.6	478.0
42.5°	663.6	625.1	559.3	496.2	470.2	451.2	422.2	403.6	391.0	385.8	394.5
45°	593.5	532.9	467.2	417.0	388.4	378.5	352.1	335.7	326.2	322.3	328.3
47.5°	507.8	446.8	384.6	342.2	325.3	315.3	297.6	283.3	275.1	272.5	275.1
50°	431.3	368.5	316.2	289.0	273.8	265.6	250.9	241.8	235.3	233.6	237.9
52.5°	365.1	308.0	268.2	244.0	234.0	227.1	216.7	208.9	205.0	203.3	206.3
55°	305.8	259.5	227.5	206.8	199.4	195.1	186.0	181.7	177.4	176.9	179.9
57.5°	253.5	221.5	192.1	177.4	175.2	168.7	160.9	157.0	154.9	154.4	155.7
60°	211.1	182.5	164.8	151.8	148.8	143.6	139.3	136.7	134.1	133.2	134.1
62.5°	175.6	153.1	138.9	130.2	125.9	124.6	119.8	116.8	116.4	116.4	117.2
65°	144.9	125.9	116.8	109.9	106.8	105.5	102.1	99.9	100.4	100.4	100.8
67.5°	118.1	104.2	96.0	92.6	90.0	89.5	86.1	85.2	84.4	84.4	85.2
70°	93.9	85.2	79.2	77.4	77.0	74.0	72.7	72.2	70.9	71.4	71.4
72.5°	73.5	67.9	64.5	61.9	62.3	60.6	58.8	58.8	58.0	59.3	59.3
75°	54.5	51.9	49.3	48.4	49.3	48.4	47.1	46.7	47.1	46.7	46.7
77.5°	40.2	38.9	38.1	37.6	37.6	35.9	35.0	35.9	34.2	35.0	35.0
80°	28.1	26.4	26.0	25.1	25.5	24.2	24.7	23.8	23.8	23.8	23.8
82.5°	17.7	17.3	17.3	17.3	16.9	16.9	16.9	16.9	16.9	16.9	16.4
85°	10.8	10.4	10.4	10.4	9.9	9.9	9.9	9.9	9.9	9.9	9.9
87.5°	4.3	4.8	4.8	5.2	4.8	4.3	4.3	4.3	4.8	4.8	4.3
90°	16.9	18.0	19.1	20.2	20.7	21.0	21.7	22.4	23.0	23.7	23.0
92.5°	16.9	18.0	19.1	20.2	20.7	20.8	21.0	21.3	21.5	21.7	21.5
95°	16.9	18.0	19.1	20.2	20.7	20.7	20.7	20.7	20.7	20.7	20.7
97.5°	18.2	18.6	19.1	19.5	19.7	19.8	20.0	20.3	20.5	20.7	20.5
100°	139.0	106.3	73.7	41.0	24.7	24.3	23.4	22.5	21.6	20.7	21.6
102.5°	231.2	231.7	232.1	232.6	232.8	223.6	205.2	186.7	168.3	149.9	168.3
105°	293.9	293.9	293.9	293.9	293.9	293.8	293.6	293.3	293.1	292.9	293.1
107.5°	359.2	359.4	359.7	359.9	360.0	359.6	358.7	357.8	357.0	356.1	357.0
110°	423.4	422.8	422.1	421.4	421.1	421.2	421.4	421.7	421.9	422.1	421.9

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	486.3	485.5	484.6	483.7	483.3	483.1	482.6	482.2	481.7	481.3	481.7
115°	549.4	548.6	547.7	546.8	546.4	545.7	544.4	543.1	541.8	540.5	541.8
117.5°	611.2	609.9	608.6	607.3	606.6	606.4	605.9	605.5	605.0	604.6	605.0
120°	669.3	668.8	668.4	667.9	667.7	667.2	666.1	665.0	663.9	662.8	663.9
122.5°	725.5	725.0	724.6	724.1	723.9	723.2	721.9	720.6	719.3	718.0	719.3
125°	780.2	779.4	778.5	777.6	777.2	776.9	776.2	775.5	774.9	774.2	774.9
127.5°	830.1	829.6	829.2	828.7	828.5	827.6	825.9	824.1	822.4	820.6	822.4
130°	879.1	878.5	877.8	877.1	876.8	876.3	875.2	874.1	873.0	871.9	873.0
132.5°	924.2	924.2	924.2	924.2	924.2	923.6	922.5	921.4	920.3	919.2	920.3
135°	969.1	968.6	968.2	967.7	967.5	966.8	965.5	964.2	962.9	961.6	962.9
137.5°	1010.9	1010.9	1010.9	1010.9	1010.9	1010.4	1009.3	1008.2	1007.1	1006.0	1007.1
140°	1048.8	1049.3	1049.7	1050.2	1050.4	1049.7	1048.4	1047.1	1045.8	1044.5	1045.8
142.5°	1086.9	1086.9	1086.9	1086.9	1086.9	1086.2	1084.9	1083.6	1082.3	1081.0	1082.3
145°	1121.6	1121.8	1122.1	1122.3	1122.4	1121.7	1120.4	1119.1	1117.8	1116.5	1117.8
147.5°	1152.2	1152.4	1152.7	1152.9	1153.0	1152.2	1150.7	1149.2	1147.6	1146.1	1147.6
150°	1181.0	1181.5	1181.9	1182.4	1182.6	1181.7	1180.0	1178.2	1176.5	1174.7	1176.5
152.5°	1206.6	1207.1	1207.5	1208.0	1208.2	1207.4	1205.9	1204.4	1202.8	1201.3	1202.8
155°	1229.6	1230.2	1230.9	1231.6	1231.9	1231.0	1229.3	1227.5	1225.8	1224.0	1225.8
157.5°	1249.3	1249.9	1250.6	1251.3	1251.6	1250.7	1249.0	1247.2	1245.5	1243.7	1245.5
160°	1267.3	1268.1	1269.0	1269.9	1270.3	1269.4	1267.7	1265.9	1264.2	1262.4	1264.2
162.5°	1283.5	1284.8	1286.1	1287.4	1288.1	1287.1	1285.1	1283.2	1281.2	1279.2	1281.2
165°	1297.3	1298.6	1299.9	1301.2	1301.9	1301.0	1299.3	1297.5	1295.8	1294.0	1295.8
167.5°	1308.3	1309.9	1311.4	1312.9	1313.7	1312.7	1310.8	1308.8	1306.9	1304.9	1306.9
170°	1316.5	1318.2	1320.0	1321.7	1322.6	1321.6	1319.6	1317.7	1315.7	1313.7	1315.7
172.5°	1323.1	1324.7	1326.2	1327.7	1328.5	1327.5	1325.6	1323.6	1321.7	1319.7	1321.7
175°	1327.4	1329.1	1330.9	1332.6	1333.5	1332.5	1330.5	1328.6	1326.6	1324.6	1326.6
177.5°	1330.0	1331.6	1333.1	1334.6	1335.4	1334.5	1332.8	1331.0	1329.3	1327.5	1329.3
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	561.5	558.4	559.7	558.4	557.1	555.8	552.8	548.5	545.0	542.4	542.0
5°	604.7	600.8	598.2	596.9	594.3	590.9	585.3	578.8	571.0	568.0	561.9
7.5°	644.5	643.2	637.2	636.3	634.6	628.1	618.6	609.9	600.0	591.8	584.0
10°	682.2	679.1	674.8	668.7	667.9	659.7	650.6	638.5	625.5	617.7	603.9
12.5°	705.5	702.1	697.3	693.4	691.2	686.0	673.5	661.4	649.7	635.4	623.3
15°	722.4	718.1	709.4	706.4	703.8	696.9	687.8	675.2	659.7	649.7	632.4
17.5°	745.3	740.1	731.5	725.8	721.1	710.3	697.3	680.4	665.7	654.5	638.9
20°	771.7	763.9	752.7	745.3	738.4	725.8	707.7	687.8	666.6	652.7	636.7
22.5°	815.4	800.7	782.9	772.6	763.0	741.4	719.8	695.1	671.3	650.6	631.1
25°	857.8	843.1	821.0	806.7	792.0	766.9	738.4	704.2	673.9	649.7	624.2
27.5°	897.1	882.0	861.7	844.4	830.1	792.5	754.8	716.3	677.8	644.5	618.6
30°	906.2	899.7	884.2	869.0	856.0	821.4	777.8	728.9	682.6	639.8	610.8
32.5°	851.3	867.3	871.2	869.0	860.8	836.2	795.9	744.4	689.5	637.6	597.8
35°	737.1	766.1	795.9	811.9	819.7	823.2	799.4	752.2	694.3	634.1	589.2
37.5°	611.2	639.3	686.5	710.3	736.7	771.3	780.8	750.5	692.1	631.5	575.3
40°	502.2	538.1	577.0	598.7	621.6	683.9	731.0	727.6	685.2	622.0	564.5
42.5°	408.8	431.3	465.4	489.2	517.3	587.0	650.1	681.3	664.4	610.4	550.7
45°	340.9	358.2	382.4	406.6	423.9	487.1	561.9	612.9	629.0	589.6	529.5
47.5°	287.2	300.2	321.4	336.5	355.1	404.9	469.8	541.6	575.3	560.2	507.0
50°	246.1	256.5	273.4	282.9	299.3	342.2	391.5	466.7	517.8	519.5	477.1
52.5°	210.2	220.6	234.9	243.1	253.1	282.0	331.8	395.4	454.2	475.8	442.9
55°	183.0	189.0	200.7	207.2	216.3	244.4	276.0	330.0	391.5	426.9	406.2
57.5°	157.9	164.4	171.7	176.9	183.4	205.9	234.5	275.1	336.1	374.6	367.7
60°	137.6	141.4	148.4	152.3	158.3	173.0	192.9	233.6	282.0	318.4	322.3
62.5°	118.5	122.0	126.7	130.2	134.1	145.8	160.5	189.5	231.9	271.2	276.4
65°	102.1	105.1	107.7	110.7	113.8	121.1	133.7	156.2	189.0	225.8	237.0
67.5°	87.4	88.2	92.1	92.6	94.3	99.9	109.0	127.2	151.0	180.4	195.1
70°	73.1	74.8	75.7	77.0	78.7	82.6	90.0	99.5	117.2	141.0	154.9
72.5°	59.3	59.7	61.0	61.9	63.6	66.6	70.1	77.4	88.7	106.0	118.5
75°	47.1	47.6	48.4	48.9	50.2	51.0	52.8	58.0	65.8	76.1	85.2
77.5°	35.5	36.3	37.2	37.2	37.6	38.5	39.4	41.1	45.0	51.9	59.7
80°	24.2	24.7	24.7	25.1	24.7	26.0	27.3	29.4	31.1	33.3	37.2
82.5°	16.9	16.9	16.9	17.3	17.3	17.7	17.7	18.2	18.6	19.9	21.6
85°	10.4	10.4	10.8	9.9	10.4	10.8	10.8	10.4	10.8	11.2	11.7
87.5°	4.3	4.3	4.8	4.8	4.8	4.8	4.3	4.8	4.3	4.8	4.8
90°	22.4	21.7	21.0	20.7	20.2	19.1	18.0	16.9	15.8	14.3	12.7
92.5°	21.3	21.0	20.8	20.7	20.2	19.1	18.0	16.9	15.8	14.5	13.2
95°	20.7	20.7	20.7	20.7	20.2	19.1	18.0	16.9	15.8	24.1	32.5
97.5°	20.3	20.0	19.8	19.7	19.5	19.1	18.6	18.2	17.8	38.6	59.4
100°	22.5	23.4	24.3	24.7	41.0	73.7	106.3	139.0	171.6	170.7	169.9
102.5°	186.7	205.2	223.6	232.8	232.6	232.1	231.7	231.2	230.8	230.4	229.9
105°	293.3	293.6	293.8	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9
107.5°	357.8	358.7	359.6	360.0	359.9	359.7	359.4	359.2	359.0	358.6	358.1
110°	421.7	421.4	421.2	421.1	421.4	422.1	422.8	423.4	424.1	423.7	423.2

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CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	482.2	482.6	483.1	483.3	483.7	484.6	485.5	486.3	487.2	487.0	486.8
115°	543.1	544.4	545.7	546.4	546.8	547.7	548.6	549.4	550.3	550.1	549.9
117.5°	605.5	605.9	606.4	606.6	607.3	608.6	609.9	611.2	612.5	611.6	610.7
120°	665.0	666.1	667.2	667.7	667.9	668.4	668.8	669.3	669.7	669.0	668.4
122.5°	720.6	721.9	723.2	723.9	724.1	724.6	725.0	725.5	725.9	725.7	725.5
125°	775.5	776.2	776.9	777.2	777.6	778.5	779.4	780.2	781.1	781.1	781.1
127.5°	824.1	825.9	827.6	828.5	828.7	829.2	829.6	830.1	830.5	830.7	830.9
130°	874.1	875.2	876.3	876.8	877.1	877.8	878.5	879.1	879.8	879.6	879.4
132.5°	921.4	922.5	923.6	924.2	924.2	924.2	924.2	924.2	924.2	924.8	925.5
135°	964.2	965.5	966.8	967.5	967.7	968.2	968.6	969.1	969.5	969.9	970.4
137.5°	1008.2	1009.3	1010.4	1010.9	1010.9	1010.9	1010.9	1010.9	1010.9	1011.3	1011.8
140°	1047.1	1048.4	1049.7	1050.4	1050.2	1049.7	1049.3	1048.8	1048.4	1048.6	1048.8
142.5°	1083.6	1084.9	1086.2	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.5	1086.0
145°	1119.1	1120.4	1121.7	1122.4	1122.3	1122.1	1121.8	1121.6	1121.4	1121.4	1121.4
147.5°	1149.2	1150.7	1152.2	1153.0	1152.9	1152.7	1152.4	1152.2	1152.0	1151.8	1151.6
150°	1178.2	1180.0	1181.7	1182.6	1182.4	1181.9	1181.5	1181.0	1180.6	1180.2	1179.7
152.5°	1204.4	1205.9	1207.4	1208.2	1208.0	1207.5	1207.1	1206.6	1206.2	1205.8	1205.4
155°	1227.5	1229.3	1231.0	1231.9	1231.6	1230.9	1230.2	1229.6	1228.9	1228.5	1228.0
157.5°	1247.2	1249.0	1250.7	1251.6	1251.3	1250.6	1249.9	1249.3	1248.6	1248.6	1248.6
160°	1265.9	1267.7	1269.4	1270.3	1269.9	1269.0	1268.1	1267.3	1266.4	1266.2	1266.0
162.5°	1283.2	1285.1	1287.1	1288.1	1287.4	1286.1	1284.8	1283.5	1282.2	1282.0	1281.8
165°	1297.5	1299.3	1301.0	1301.9	1301.2	1299.9	1298.6	1297.3	1296.0	1295.8	1295.6
167.5°	1308.8	1310.8	1312.7	1313.7	1312.9	1311.4	1309.9	1308.3	1306.8	1306.6	1306.4
170°	1317.7	1319.6	1321.6	1322.6	1321.7	1320.0	1318.2	1316.5	1314.7	1314.5	1314.3
172.5°	1323.6	1325.6	1327.5	1328.5	1327.7	1326.2	1324.7	1323.1	1321.6	1321.2	1320.8
175°	1328.6	1330.5	1332.5	1333.5	1332.6	1330.9	1329.1	1327.4	1325.6	1325.4	1325.2
177.5°	1331.0	1332.8	1334.5	1335.4	1334.6	1333.1	1331.6	1330.0	1328.5	1328.3	1328.1
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	540.7	538.1	536.4	535.9	533.4	531.2	528.6	528.2	526.9	523.4	521.2
5°	557.6	551.5	550.2	546.3	539.8	535.1	529.0	525.6	521.7	515.2	510.0
7.5°	574.9	566.7	560.6	555.0	545.9	537.2	528.6	521.7	514.8	505.2	497.5
10°	591.8	579.2	571.9	563.6	551.1	538.1	526.0	516.1	504.8	493.6	482.3
12.5°	607.3	591.3	580.5	568.8	553.3	537.2	521.7	507.8	496.2	481.0	468.5
15°	616.8	599.1	588.3	577.0	553.7	535.9	517.8	500.0	484.5	468.5	456.8
17.5°	622.5	602.6	590.5	580.1	556.3	532.1	508.7	489.7	472.8	453.8	438.2
20°	619.9	600.4	589.2	579.2	551.5	527.3	502.2	480.1	459.0	439.5	423.0
22.5°	614.2	593.9	581.4	572.3	547.6	519.1	491.4	467.6	445.5	426.1	407.5
25°	602.1	582.2	571.4	560.2	535.9	508.7	480.6	455.1	431.7	410.9	390.2
27.5°	591.3	567.1	555.8	545.9	520.4	496.2	468.5	440.4	416.6	394.9	374.2
30°	578.8	551.5	539.4	526.0	503.1	480.1	452.5	426.5	401.9	378.9	359.0
32.5°	565.4	533.8	519.9	504.8	481.4	459.8	436.5	410.9	386.3	363.8	343.0
35°	548.1	514.3	498.3	484.0	459.8	438.2	416.6	395.4	370.7	346.9	327.0
37.5°	531.6	494.4	477.6	461.1	435.6	414.8	397.1	377.2	353.4	330.5	311.4
40°	513.0	470.2	452.9	437.8	411.4	388.4	372.4	356.9	336.1	314.0	293.3
42.5°	496.2	447.7	429.5	414.0	386.3	364.7	349.5	336.5	318.4	298.0	276.8
45°	472.8	423.5	404.9	388.4	360.3	340.0	324.4	313.2	298.9	279.9	260.8
47.5°	451.2	400.1	379.8	359.9	334.4	313.6	299.3	290.7	281.2	264.3	244.8
50°	424.8	373.3	352.5	336.1	307.1	289.4	275.1	269.1	260.4	244.4	228.8
52.5°	396.2	347.4	327.9	308.0	281.2	263.9	251.3	244.4	237.5	225.8	211.1
55°	362.9	318.4	300.2	282.5	255.6	239.6	228.4	221.0	217.1	206.3	195.5
57.5°	330.9	289.0	272.1	255.6	232.3	214.1	206.8	200.3	194.7	186.9	177.8
60°	298.5	260.4	242.2	227.5	207.2	190.8	184.7	178.2	173.9	167.8	161.3
62.5°	261.3	228.8	215.0	201.1	183.8	170.9	163.9	158.8	153.1	149.2	143.6
65°	221.9	199.0	185.6	175.2	158.8	147.1	141.9	138.4	133.7	129.8	125.4
67.5°	185.1	167.0	161.3	150.1	137.6	127.2	123.3	119.0	115.1	112.9	109.0
70°	149.7	136.7	131.1	128.0	114.2	107.3	103.8	102.1	97.3	95.2	92.6
72.5°	115.9	111.2	107.3	103.4	94.3	90.0	86.1	84.4	80.9	79.2	78.3
75°	85.6	82.6	80.5	80.0	76.1	71.8	67.9	67.0	64.5	62.7	61.9
77.5°	60.1	59.3	58.8	59.3	56.7	54.1	53.2	52.3	49.3	48.9	48.9
80°	39.4	41.5	41.5	41.1	40.2	39.8	38.5	37.6	35.9	35.5	35.9
82.5°	24.2	25.5	26.0	26.8	26.4	26.0	25.1	24.7	25.1	24.2	24.7
85°	12.1	13.0	14.7	14.7	15.1	15.1	15.1	14.7	13.8	14.3	13.8
87.5°	4.8	5.2	5.2	5.2	4.8	6.1	6.5	6.5	6.5	5.6	5.6
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	12.8	14.8	16.7	18.7	16.7	14.8	12.8
95°	40.8	49.1	53.3	53.6	54.3	54.9	55.6	56.2	55.6	54.9	54.3
97.5°	80.3	101.1	111.5	110.8	109.5	108.2	106.8	105.5	106.8	108.2	109.5
100°	169.0	168.1	167.7	167.4	166.7	166.0	165.4	164.7	165.4	166.0	166.7
102.5°	229.5	229.0	228.8	228.4	227.5	226.6	225.8	224.9	225.8	226.6	227.5
105°	293.9	293.9	293.9	293.5	292.6	291.7	290.9	290.0	290.9	291.7	292.6
107.5°	357.7	357.2	357.0	357.0	357.0	357.0	357.0	357.0	357.0	357.0	357.0
110°	422.8	422.3	422.1	422.1	422.1	422.1	422.1	422.1	422.1	422.1	422.1

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	486.5	486.3	486.2	485.9	485.2	484.6	483.9	483.3	483.9	484.6	485.2
115°	549.7	549.5	549.4	548.8	547.7	546.6	545.5	544.4	545.5	546.6	547.7
117.5°	609.8	608.9	608.5	608.5	608.5	608.5	608.5	608.5	608.5	608.5	608.5
120°	667.7	667.0	666.7	666.8	667.0	667.3	667.5	667.7	667.5	667.3	667.0
122.5°	725.2	725.0	724.9	724.4	723.3	722.2	721.1	720.0	721.1	722.2	723.3
125°	781.1	781.1	781.1	780.3	778.8	777.3	775.7	774.2	775.7	777.3	778.8
127.5°	831.1	831.3	831.4	830.9	829.8	828.7	827.6	826.5	827.6	828.7	829.8
130°	879.1	878.9	878.8	878.3	877.2	876.1	875.0	873.9	875.0	876.1	877.2
132.5°	926.1	926.8	927.1	926.4	925.1	923.8	922.5	921.2	922.5	923.8	925.1
135°	970.8	971.3	971.5	970.8	969.5	968.2	966.9	965.6	966.9	968.2	969.5
137.5°	1012.2	1012.7	1012.9	1012.2	1010.9	1009.6	1008.3	1007.0	1008.3	1009.6	1010.9
140°	1049.1	1049.3	1049.4	1049.2	1048.7	1048.3	1047.8	1047.4	1047.8	1048.3	1048.7
142.5°	1085.6	1085.1	1084.9	1084.8	1084.6	1084.3	1084.1	1083.9	1084.1	1084.3	1084.6
145°	1121.4	1121.4	1121.4	1121.2	1120.7	1120.3	1119.8	1119.4	1119.8	1120.3	1120.7
147.5°	1151.3	1151.1	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0
150°	1179.3	1178.8	1178.6	1178.8	1179.3	1179.7	1180.2	1180.6	1180.2	1179.7	1179.3
152.5°	1204.9	1204.5	1204.3	1204.8	1205.9	1207.0	1208.1	1209.2	1208.1	1207.0	1205.9
155°	1227.6	1227.1	1226.9	1227.6	1228.9	1230.2	1231.6	1232.9	1231.6	1230.2	1228.9
157.5°	1248.6	1248.6	1248.6	1248.9	1249.6	1250.3	1250.9	1251.6	1250.9	1250.3	1249.6
160°	1265.7	1265.5	1265.4	1266.1	1267.4	1268.7	1270.0	1271.3	1270.0	1268.7	1267.4
162.5°	1281.5	1281.3	1281.2	1281.9	1283.2	1284.5	1285.8	1287.1	1285.8	1284.5	1283.2
165°	1295.3	1295.1	1295.0	1295.7	1297.0	1298.3	1299.6	1300.9	1299.6	1298.3	1297.0
167.5°	1306.1	1305.9	1305.8	1306.5	1307.8	1309.1	1310.5	1311.8	1310.5	1309.1	1307.8
170°	1314.0	1313.8	1313.7	1314.5	1316.0	1317.5	1319.1	1320.6	1319.1	1317.5	1316.0
172.5°	1320.3	1319.9	1319.7	1320.5	1322.0	1323.5	1325.1	1326.6	1325.1	1323.5	1322.0
175°	1324.9	1324.7	1324.6	1325.3	1326.6	1327.9	1329.2	1330.5	1329.2	1327.9	1326.6
177.5°	1327.8	1327.6	1327.5	1328.2	1329.5	1330.8	1332.2	1333.5	1332.2	1330.8	1329.5
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	519.9	518.2	516.9	515.6	510.0	503.9	503.1	501.8	499.2	502.2	500.9
5°	506.5	502.6	500.5	494.9	487.9	482.7	478.4	473.2	471.1	469.3	468.9
7.5°	490.1	486.6	482.7	477.1	468.5	459.8	453.3	448.1	443.8	441.6	441.6
10°	474.1	469.8	464.6	455.1	446.8	436.0	429.1	423.9	417.9	414.4	411.4
12.5°	457.7	452.9	448.1	436.0	426.5	415.3	405.3	398.8	395.8	391.9	386.7
15°	441.2	433.9	429.1	417.0	404.9	393.6	387.1	380.2	373.3	369.4	367.7
17.5°	423.9	418.7	410.9	398.0	384.6	374.6	365.1	358.6	350.4	346.5	342.6
20°	408.3	400.6	392.8	379.8	366.8	353.4	343.9	336.1	330.9	327.9	324.4
22.5°	389.7	382.4	375.9	362.1	347.8	335.2	324.9	320.1	314.9	310.1	306.7
25°	373.7	366.4	359.9	344.8	329.2	317.5	309.7	303.7	298.0	295.9	292.4
27.5°	356.9	349.9	341.3	326.2	312.3	302.4	294.1	288.5	284.2	279.9	277.3
30°	340.9	333.1	325.3	308.9	297.6	287.7	279.9	272.9	269.5	267.3	263.0
32.5°	325.3	315.3	308.9	293.7	282.9	273.4	266.9	260.8	256.5	252.6	249.2
35°	308.4	297.6	291.1	278.6	267.3	257.8	252.2	247.9	242.7	239.2	237.5
37.5°	292.4	283.3	276.8	263.9	252.6	244.8	238.8	233.2	231.0	226.2	225.4
40°	275.1	267.3	261.3	248.7	238.3	232.3	225.8	220.6	216.7	214.6	211.5
42.5°	259.5	253.1	246.6	234.9	224.9	217.6	212.8	208.1	204.6	201.1	199.0
45°	245.3	238.3	232.3	221.0	211.1	204.6	199.8	194.2	193.4	188.6	186.4
47.5°	230.1	224.1	218.9	207.2	198.1	191.6	186.0	182.1	178.2	176.5	173.5
50°	215.4	209.4	203.3	192.9	184.7	178.2	172.6	168.3	166.1	163.5	160.9
52.5°	199.4	194.7	189.9	179.1	170.9	165.2	160.5	154.9	152.7	150.5	148.8
55°	186.0	179.1	173.9	164.8	157.5	151.4	146.2	141.9	139.7	138.0	135.8
57.5°	167.8	163.5	159.2	151.0	144.0	138.0	132.8	129.3	126.7	125.4	125.9
60°	152.3	147.5	144.9	136.3	129.3	124.6	119.8	116.4	113.8	112.5	112.0
62.5°	135.8	132.4	127.6	121.6	114.6	110.3	106.8	104.2	99.9	99.5	98.2
65°	119.8	117.2	112.9	107.3	101.7	97.8	93.9	90.4	88.7	86.5	85.2
67.5°	104.2	101.7	97.8	93.0	89.1	85.2	81.8	78.3	75.3	73.5	72.7
70°	89.1	86.9	84.4	78.7	74.0	70.9	68.3	66.2	63.2	62.3	61.9
72.5°	74.4	72.2	70.9	66.2	61.9	59.3	56.7	54.5	53.2	52.8	51.5
75°	61.0	58.8	57.1	52.8	50.2	48.4	45.9	45.0	43.7	43.3	42.8
77.5°	47.6	45.4	45.0	42.0	38.9	38.1	37.2	35.5	35.5	35.5	34.6
80°	34.2	33.7	33.3	30.3	29.0	28.1	27.7	26.4	25.5	24.7	24.2
82.5°	22.9	22.5	22.1	20.8	19.5	19.0	18.6	17.7	17.7	18.2	17.3
85°	13.8	13.0	12.5	12.1	11.2	11.2	11.7	11.2	11.2	11.2	10.8
87.5°	5.2	5.2	5.2	5.2	5.6	4.8	5.2	5.2	4.8	4.8	4.3
90°	8.0	8.9	9.7	11.2	12.7	14.3	15.8	16.9	18.0	19.1	20.2
92.5°	10.9	9.9	10.6	11.9	13.2	14.5	15.8	16.9	18.0	19.1	20.2
95°	53.6	53.3	49.1	40.8	32.5	24.1	15.8	16.9	18.0	19.1	20.2
97.5°	110.8	111.5	101.1	80.3	59.4	38.6	17.8	18.2	18.6	19.1	19.5
100°	167.4	167.7	168.1	169.0	169.9	170.7	171.6	139.0	106.3	73.7	41.0
102.5°	228.4	228.8	229.0	229.5	229.9	230.4	230.8	231.2	231.7	232.1	232.6
105°	293.5	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9
107.5°	357.0	357.0	357.2	357.7	358.1	358.6	359.0	359.2	359.4	359.7	359.9
110°	422.1	422.1	422.3	422.8	423.2	423.7	424.1	423.4	422.8	422.1	421.4

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	485.9	486.2	486.3	486.5	486.8	487.0	487.2	486.3	485.5	484.6	483.7
115°	548.8	549.4	549.5	549.7	549.9	550.1	550.3	549.4	548.6	547.7	546.8
117.5°	608.5	608.5	608.9	609.8	610.7	611.6	612.5	611.2	609.9	608.6	607.3
120°	666.8	666.7	667.0	667.7	668.4	669.0	669.7	669.3	668.8	668.4	667.9
122.5°	724.4	724.9	725.0	725.2	725.5	725.7	725.9	725.5	725.0	724.6	724.1
125°	780.3	781.1	781.1	781.1	781.1	781.1	781.1	780.2	779.4	778.5	777.6
127.5°	830.9	831.4	831.3	831.1	830.9	830.7	830.5	830.1	829.6	829.2	828.7
130°	878.3	878.8	878.9	879.1	879.4	879.6	879.8	879.1	878.5	877.8	877.1
132.5°	926.4	927.1	926.8	926.1	925.5	924.8	924.2	924.2	924.2	924.2	924.2
135°	970.8	971.5	971.3	970.8	970.4	969.9	969.5	969.1	968.6	968.2	967.7
137.5°	1012.2	1012.9	1012.7	1012.2	1011.8	1011.3	1010.9	1010.9	1010.9	1010.9	1010.9
140°	1049.2	1049.4	1049.3	1049.1	1048.8	1048.6	1048.4	1048.8	1049.3	1049.7	1050.2
142.5°	1084.8	1084.9	1085.1	1085.6	1086.0	1086.5	1086.9	1086.9	1086.9	1086.9	1086.9
145°	1121.2	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.6	1121.8	1122.1	1122.3
147.5°	1151.0	1151.0	1151.1	1151.3	1151.6	1151.8	1152.0	1152.2	1152.4	1152.7	1152.9
150°	1178.8	1178.6	1178.8	1179.3	1179.7	1180.2	1180.6	1181.0	1181.5	1181.9	1182.4
152.5°	1204.8	1204.3	1204.5	1204.9	1205.4	1205.8	1206.2	1206.6	1207.1	1207.5	1208.0
155°	1227.6	1226.9	1227.1	1227.6	1228.0	1228.5	1228.9	1229.6	1230.2	1230.9	1231.6
157.5°	1248.9	1248.6	1248.6	1248.6	1248.6	1248.6	1248.6	1249.3	1249.9	1250.6	1251.3
160°	1266.1	1265.4	1265.5	1265.7	1266.0	1266.2	1266.4	1267.3	1268.1	1269.0	1269.9
162.5°	1281.9	1281.2	1281.3	1281.5	1281.8	1282.0	1282.2	1283.5	1284.8	1286.1	1287.4
165°	1295.7	1295.0	1295.1	1295.3	1295.6	1295.8	1296.0	1297.3	1298.6	1299.9	1301.2
167.5°	1306.5	1305.8	1305.9	1306.1	1306.4	1306.6	1306.8	1308.3	1309.9	1311.4	1312.9
170°	1314.5	1313.7	1313.8	1314.0	1314.3	1314.5	1314.7	1316.5	1318.2	1320.0	1321.7
172.5°	1320.5	1319.7	1319.9	1320.3	1320.8	1321.2	1321.6	1323.1	1324.7	1326.2	1327.7
175°	1325.3	1324.6	1324.7	1324.9	1325.2	1325.4	1325.6	1327.4	1329.1	1330.9	1332.6
177.5°	1328.2	1327.5	1327.6	1327.8	1328.1	1328.3	1328.5	1330.0	1331.6	1333.1	1334.6
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.7	499.6	497.5	496.6	494.9	497.0	497.5	497.0	500.9	499.2	500.0
5°	469.8	468.0	466.7	463.7	463.7	464.1	465.4	463.3	464.6	467.6	467.2
7.5°	437.8	436.9	437.3	433.9	431.3	432.1	431.3	435.2	437.3	436.5	438.2
10°	408.8	410.5	406.6	404.9	403.2	404.9	404.4	405.3	407.9	409.6	412.7
12.5°	385.4	385.0	382.8	381.1	378.1	378.9	381.5	380.7	381.1	385.0	384.6
15°	363.4	360.8	359.0	355.1	356.0	353.0	355.6	358.6	359.9	363.4	365.5
17.5°	341.3	340.9	338.7	338.3	333.5	332.2	334.8	335.7	337.0	338.7	341.7
20°	322.7	322.3	319.2	318.4	314.5	317.1	316.2	317.9	318.8	322.3	323.6
22.5°	305.8	303.7	302.8	301.5	300.2	299.8	301.5	301.1	304.1	305.4	305.8
25°	290.3	288.5	288.1	285.9	285.1	283.8	285.1	286.4	289.8	291.1	292.8
27.5°	276.0	274.7	273.8	272.1	270.8	270.8	271.7	273.4	274.7	275.5	276.4
30°	263.0	262.1	259.5	258.7	257.4	257.4	257.4	258.2	260.4	263.0	264.3
32.5°	249.6	247.9	246.1	246.1	244.8	244.8	245.3	246.1	248.3	248.7	250.9
35°	236.6	234.9	233.6	232.7	233.2	231.4	232.3	233.6	236.2	237.0	238.3
37.5°	224.1	223.6	221.0	219.7	220.6	220.6	220.2	221.0	222.8	224.5	225.4
40°	210.2	209.4	209.4	208.1	208.5	206.8	208.1	208.9	209.8	211.5	212.8
42.5°	198.1	197.3	195.5	196.0	194.7	194.7	195.5	196.0	197.3	199.4	200.3
45°	185.1	185.1	184.3	183.0	183.4	182.1	183.0	183.4	185.1	187.3	186.4
47.5°	172.6	172.2	172.2	170.4	171.3	170.0	171.3	171.7	172.6	173.9	173.5
50°	160.5	159.2	159.6	159.2	158.8	158.8	159.6	159.6	160.5	160.5	161.8
52.5°	147.9	147.9	147.1	147.5	148.4	147.5	148.8	147.5	148.4	148.8	149.7
55°	136.7	135.8	136.3	135.8	137.6	136.3	137.6	136.7	137.6	137.1	138.0
57.5°	124.6	123.3	123.7	123.3	124.6	124.1	125.4	124.1	124.6	125.0	126.3
60°	110.7	110.7	110.7	109.9	111.2	111.2	110.7	110.7	112.5	113.3	112.9
62.5°	97.8	97.3	96.0	95.6	96.0	95.2	96.9	96.5	97.3	98.2	99.1
65°	83.5	82.6	82.2	81.3	81.3	80.9	81.3	83.1	83.5	83.9	86.1
67.5°	71.8	71.4	70.9	69.6	69.6	70.5	70.5	70.5	73.1	71.8	73.5
70°	61.4	60.6	59.7	59.3	59.3	59.7	60.1	60.6	60.1	61.9	62.3
72.5°	51.5	51.9	51.0	51.0	51.0	50.6	50.6	51.5	51.9	51.5	51.9
75°	42.8	42.8	42.4	42.8	42.8	42.4	42.4	43.3	43.3	42.8	44.1
77.5°	34.6	34.2	33.3	32.4	32.9	32.4	32.9	32.4	33.7	35.0	34.2
80°	24.2	23.8	23.8	23.8	24.2	23.8	24.7	23.8	24.2	24.2	24.7
82.5°	17.3	17.7	17.7	17.3	17.7	17.3	17.7	17.7	17.7	17.3	17.7
85°	11.2	11.2	11.2	11.2	10.8	11.2	11.2	11.2	11.7	11.2	11.7
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	4.8	5.2
90°	20.7	21.0	21.7	22.4	23.0	23.7	23.0	22.4	21.7	21.0	20.7
92.5°	20.7	20.8	21.0	21.3	21.5	21.7	21.5	21.3	21.0	20.8	20.7
95°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
97.5°	19.7	19.8	20.0	20.3	20.5	20.7	20.5	20.3	20.0	19.8	19.7
100°	24.7	24.3	23.4	22.5	21.6	20.7	21.6	22.5	23.4	24.3	24.7
102.5°	232.8	223.6	205.2	186.7	168.3	149.9	168.3	186.7	205.2	223.6	232.8
105°	293.9	293.8	293.6	293.3	293.1	292.9	293.1	293.3	293.6	293.8	293.9
107.5°	360.0	359.6	358.7	357.8	357.0	356.1	357.0	357.8	358.7	359.6	360.0
110°	421.1	421.2	421.4	421.7	421.9	422.1	421.9	421.7	421.4	421.2	421.1



TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	483.3	483.1	482.6	482.2	481.7	481.3	481.7	482.2	482.6	483.1	483.3
115°	546.4	545.7	544.4	543.1	541.8	540.5	541.8	543.1	544.4	545.7	546.4
117.5°	606.6	606.4	605.9	605.5	605.0	604.6	605.0	605.5	605.9	606.4	606.6
120°	667.7	667.2	666.1	665.0	663.9	662.8	663.9	665.0	666.1	667.2	667.7
122.5°	723.9	723.2	721.9	720.6	719.3	718.0	719.3	720.6	721.9	723.2	723.9
125°	777.2	776.9	776.2	775.5	774.9	774.2	774.9	775.5	776.2	776.9	777.2
127.5°	828.5	827.6	825.9	824.1	822.4	820.6	822.4	824.1	825.9	827.6	828.5
130°	876.8	876.3	875.2	874.1	873.0	871.9	873.0	874.1	875.2	876.3	876.8
132.5°	924.2	923.6	922.5	921.4	920.3	919.2	920.3	921.4	922.5	923.6	924.2
135°	967.5	966.8	965.5	964.2	962.9	961.6	962.9	964.2	965.5	966.8	967.5
137.5°	1010.9	1010.4	1009.3	1008.2	1007.1	1006.0	1007.1	1008.2	1009.3	1010.4	1010.9
140°	1050.4	1049.7	1048.4	1047.1	1045.8	1044.5	1045.8	1047.1	1048.4	1049.7	1050.4
142.5°	1086.9	1086.2	1084.9	1083.6	1082.3	1081.0	1082.3	1083.6	1084.9	1086.2	1086.9
145°	1122.4	1121.7	1120.4	1119.1	1117.8	1116.5	1117.8	1119.1	1120.4	1121.7	1122.4
147.5°	1153.0	1152.2	1150.7	1149.2	1147.6	1146.1	1147.6	1149.2	1150.7	1152.2	1153.0
150°	1182.6	1181.7	1180.0	1178.2	1176.5	1174.7	1176.5	1178.2	1180.0	1181.7	1182.6
152.5°	1208.2	1207.4	1205.9	1204.4	1202.8	1201.3	1202.8	1204.4	1205.9	1207.4	1208.2
155°	1231.9	1231.0	1229.3	1227.5	1225.8	1224.0	1225.8	1227.5	1229.3	1231.0	1231.9
157.5°	1251.6	1250.7	1249.0	1247.2	1245.5	1243.7	1245.5	1247.2	1249.0	1250.7	1251.6
160°	1270.3	1269.4	1267.7	1265.9	1264.2	1262.4	1264.2	1265.9	1267.7	1269.4	1270.3
162.5°	1288.1	1287.1	1285.1	1283.2	1281.2	1279.2	1281.2	1283.2	1285.1	1287.1	1288.1
165°	1301.9	1301.0	1299.3	1297.5	1295.8	1294.0	1295.8	1297.5	1299.3	1301.0	1301.9
167.5°	1313.7	1312.7	1310.8	1308.8	1306.9	1304.9	1306.9	1308.8	1310.8	1312.7	1313.7
170°	1322.6	1321.6	1319.6	1317.7	1315.7	1313.7	1315.7	1317.7	1319.6	1321.6	1322.6
172.5°	1328.5	1327.5	1325.6	1323.6	1321.7	1319.7	1321.7	1323.6	1325.6	1327.5	1328.5
175°	1333.5	1332.5	1330.5	1328.6	1326.6	1324.6	1326.6	1328.6	1330.5	1332.5	1333.5
177.5°	1335.4	1334.5	1332.8	1331.0	1329.3	1327.5	1329.3	1331.0	1332.8	1334.5	1335.4
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.3	500.5	498.7	497.5	500.9	502.6	502.6	505.7	508.7	511.3	511.7
5°	467.6	471.1	471.9	471.5	476.7	479.3	484.9	487.9	492.3	495.3	498.7
7.5°	439.5	444.2	444.7	445.5	453.3	457.7	462.4	470.2	476.3	480.6	484.5
10°	411.4	414.4	417.4	421.3	429.1	436.5	443.4	451.6	459.4	463.7	469.3
12.5°	390.2	392.3	395.8	398.4	406.6	413.1	422.2	433.4	444.7	448.1	455.1
15°	368.1	369.4	376.3	378.9	385.8	396.7	402.3	413.1	425.2	431.7	439.5
17.5°	342.6	350.4	354.7	357.7	366.4	375.0	384.1	395.4	410.9	417.0	422.6
20°	324.4	330.0	334.8	338.7	346.5	359.5	367.7	376.8	391.5	398.4	406.6
22.5°	308.4	313.2	317.5	321.8	327.0	338.7	348.2	360.8	375.5	382.0	391.5
25°	293.3	298.0	300.6	305.8	312.7	321.0	332.2	343.5	358.2	365.5	374.6
27.5°	278.6	283.3	288.1	292.4	297.2	305.0	312.7	327.0	342.2	350.8	358.6
30°	266.0	268.2	272.5	277.3	282.0	289.4	298.5	308.4	325.7	333.5	343.0
32.5°	252.2	256.1	259.1	262.6	268.6	274.7	282.9	295.4	309.3	316.6	327.0
35°	239.2	242.7	244.8	250.9	254.8	261.3	269.5	280.7	292.4	300.6	309.7
37.5°	226.7	230.1	232.7	236.2	241.4	247.0	255.6	263.9	277.7	284.6	295.0
40°	213.7	216.7	219.7	223.6	228.4	235.3	240.5	250.9	262.1	269.9	277.7
42.5°	201.1	202.9	206.3	210.7	215.4	221.5	228.8	237.0	248.3	255.2	262.1
45°	187.7	190.8	194.7	197.7	202.0	208.1	214.6	221.9	233.2	240.1	247.4
47.5°	175.2	177.4	179.9	184.7	190.3	194.7	201.6	208.5	218.9	225.4	232.3
50°	162.2	164.4	168.3	171.3	175.6	181.2	187.7	195.1	205.0	209.4	216.3
52.5°	150.1	151.0	154.9	157.9	162.2	168.7	173.9	180.4	189.9	194.7	201.6
55°	138.0	138.9	141.0	144.0	148.8	154.0	159.6	167.0	175.2	179.5	186.0
57.5°	125.4	126.3	128.5	130.6	135.4	140.2	146.6	152.7	160.9	164.8	170.9
60°	112.9	112.9	115.1	118.1	121.6	125.9	131.5	138.9	144.9	149.7	154.0
62.5°	99.5	100.8	102.1	104.2	108.1	113.3	118.1	123.3	130.6	134.1	138.0
65°	86.1	87.4	90.0	92.1	95.2	98.6	104.7	109.0	114.6	118.5	122.0
67.5°	74.4	75.7	77.4	80.0	82.2	86.1	90.4	94.7	100.8	103.4	106.0
70°	62.3	63.6	64.9	68.3	70.5	73.5	76.6	80.9	86.1	87.8	90.0
72.5°	52.8	53.2	54.9	55.8	58.8	61.4	64.9	67.5	71.4	73.5	75.3
75°	44.6	44.6	45.0	45.9	47.6	49.3	51.9	54.5	58.0	59.3	61.4
77.5°	35.0	36.3	35.9	36.8	37.6	38.5	40.7	42.4	45.9	46.7	47.6
80°	25.1	25.5	26.8	28.1	28.1	29.4	30.7	31.1	33.3	34.6	34.6
82.5°	18.2	18.6	18.2	18.6	19.0	19.5	20.8	22.5	22.5	22.9	23.8
85°	11.2	11.2	11.7	12.1	12.1	11.7	12.5	12.1	12.5	13.4	13.4
87.5°	5.6	5.2	5.2	5.2	5.2	5.2	5.6	5.2	5.6	5.6	5.6
90°	20.2	19.1	18.0	16.9	15.8	14.3	12.7	11.2	9.7	8.9	8.0
92.5°	20.2	19.1	18.0	16.9	15.8	14.5	13.2	11.9	10.6	9.9	10.9
95°	20.2	19.1	18.0	16.9	15.8	24.1	32.5	40.8	49.1	53.3	53.6
97.5°	19.5	19.1	18.6	18.2	17.8	38.6	59.4	80.3	101.1	111.5	110.8
100°	41.0	73.7	106.3	139.0	171.6	170.7	169.9	169.0	168.1	167.7	167.4
102.5°	232.6	232.1	231.7	231.2	230.8	230.4	229.9	229.5	229.0	228.8	228.4
105°	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.5
107.5°	359.9	359.7	359.4	359.2	359.0	358.6	358.1	357.7	357.2	357.0	357.0
110°	421.4	422.1	422.8	423.4	424.1	423.7	423.2	422.8	422.3	422.1	422.1

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	483.7	484.6	485.5	486.3	487.2	487.0	486.8	486.5	486.3	486.2	485.9
115°	546.8	547.7	548.6	549.4	550.3	550.1	549.9	549.7	549.5	549.4	548.8
117.5°	607.3	608.6	609.9	611.2	612.5	611.6	610.7	609.8	608.9	608.5	608.5
120°	667.9	668.4	668.8	669.3	669.7	669.0	668.4	667.7	667.0	666.7	666.8
122.5°	724.1	724.6	725.0	725.5	725.9	725.7	725.5	725.2	725.0	724.9	724.4
125°	777.6	778.5	779.4	780.2	781.1	781.1	781.1	781.1	781.1	781.1	780.3
127.5°	828.7	829.2	829.6	830.1	830.5	830.7	830.9	831.1	831.3	831.4	830.9
130°	877.1	877.8	878.5	879.1	879.8	879.6	879.4	879.1	878.9	878.8	878.3
132.5°	924.2	924.2	924.2	924.2	924.2	924.8	925.5	926.1	926.8	927.1	926.4
135°	967.7	968.2	968.6	969.1	969.5	969.9	970.4	970.8	971.3	971.5	970.8
137.5°	1010.9	1010.9	1010.9	1010.9	1010.9	1011.3	1011.8	1012.2	1012.7	1012.9	1012.2
140°	1050.2	1049.7	1049.3	1048.8	1048.4	1048.6	1048.8	1049.1	1049.3	1049.4	1049.2
142.5°	1086.9	1086.9	1086.9	1086.9	1086.9	1086.5	1086.0	1085.6	1085.1	1084.9	1084.8
145°	1122.3	1122.1	1121.8	1121.6	1121.4	1121.4	1121.4	1121.4	1121.4	1121.4	1121.2
147.5°	1152.9	1152.7	1152.4	1152.2	1152.0	1151.8	1151.6	1151.3	1151.1	1151.0	1151.0
150°	1182.4	1181.9	1181.5	1181.0	1180.6	1180.2	1179.7	1179.3	1178.8	1178.6	1178.8
152.5°	1208.0	1207.5	1207.1	1206.6	1206.2	1205.8	1205.4	1204.9	1204.5	1204.3	1204.8
155°	1231.6	1230.9	1230.2	1229.6	1228.9	1228.5	1228.0	1227.6	1227.1	1226.9	1227.6
157.5°	1251.3	1250.6	1249.9	1249.3	1248.6	1248.6	1248.6	1248.6	1248.6	1248.6	1248.9
160°	1269.9	1269.0	1268.1	1267.3	1266.4	1266.2	1266.0	1265.7	1265.5	1265.4	1266.1
162.5°	1287.4	1286.1	1284.8	1283.5	1282.2	1282.0	1281.8	1281.5	1281.3	1281.2	1281.9
165°	1301.2	1299.9	1298.6	1297.3	1296.0	1295.8	1295.6	1295.3	1295.1	1295.0	1295.7
167.5°	1312.9	1311.4	1309.9	1308.3	1306.8	1306.6	1306.4	1306.1	1305.9	1305.8	1306.5
170°	1321.7	1320.0	1318.2	1316.5	1314.7	1314.5	1314.3	1314.0	1313.8	1313.7	1314.5
172.5°	1327.7	1326.2	1324.7	1323.1	1321.6	1321.2	1320.8	1320.3	1319.9	1319.7	1320.5
175°	1332.6	1330.9	1329.1	1327.4	1325.6	1325.4	1325.2	1324.9	1324.7	1324.6	1325.3
177.5°	1334.6	1333.1	1331.6	1330.0	1328.5	1328.3	1328.1	1327.8	1327.6	1327.5	1328.2
180°	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5	1330.5

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	526.9	526.9	526.9	526.9
2.5°	514.8	518.6	522.5	527.3
5°	504.4	511.3	518.6	525.6
7.5°	493.1	503.1	512.6	522.5
10°	480.6	493.1	503.9	517.8
12.5°	466.7	480.1	495.3	510.9
15°	452.9	469.8	485.8	503.5
17.5°	439.9	455.9	473.7	494.9
20°	424.3	442.1	462.0	484.5
22.5°	407.9	427.4	449.0	473.2
25°	394.1	414.0	434.7	460.3
27.5°	378.9	399.7	420.0	447.3
30°	361.6	384.1	404.9	433.0
32.5°	345.2	367.7	390.6	417.0
35°	329.2	351.2	374.2	401.0
37.5°	314.0	333.9	356.4	380.7
40°	299.8	317.9	337.8	359.9
42.5°	281.6	302.8	321.4	337.4
45°	266.0	283.3	300.6	313.6
47.5°	247.9	265.2	279.9	290.3
50°	232.7	246.6	258.7	267.8
52.5°	214.6	227.5	237.5	244.4
55°	196.8	208.1	216.7	221.5
57.5°	180.8	188.2	194.7	199.0
60°	163.1	168.7	174.3	179.1
62.5°	144.0	150.1	153.1	158.3
65°	127.2	131.1	135.8	137.6
67.5°	110.7	112.9	115.9	119.4
70°	93.4	94.7	97.8	102.5
72.5°	78.3	79.6	81.8	83.5
75°	62.3	63.6	65.3	67.0
77.5°	48.9	49.3	50.2	51.9
80°	35.5	36.8	37.6	38.1
82.5°	24.7	25.1	25.1	25.5
85°	15.6	14.7	14.7	15.1
87.5°	5.6	6.5	6.5	7.4
90°	6.3	4.5	2.8	1.0
92.5°	12.8	14.8	16.7	18.7
95°	54.3	54.9	55.6	56.2
97.5°	109.5	108.2	106.8	105.5
100°	166.7	166.0	165.4	164.7
102.5°	227.5	226.6	225.8	224.9
105°	292.6	291.7	290.9	290.0
107.5°	357.0	357.0	357.0	357.0
110°	422.1	422.1	422.1	422.1

TEST NUMBER: P1034793

CATALOG NUMBER: S125RDIW-B375D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	485.2	484.6	483.9	483.3
115°	547.7	546.6	545.5	544.4
117.5°	608.5	608.5	608.5	608.5
120°	667.0	667.3	667.5	667.7
122.5°	723.3	722.2	721.1	720.0
125°	778.8	777.3	775.7	774.2
127.5°	829.8	828.7	827.6	826.5
130°	877.2	876.1	875.0	873.9
132.5°	925.1	923.8	922.5	921.2
135°	969.5	968.2	966.9	965.6
137.5°	1010.9	1009.6	1008.3	1007.0
140°	1048.7	1048.3	1047.8	1047.4
142.5°	1084.6	1084.3	1084.1	1083.9
145°	1120.7	1120.3	1119.8	1119.4
147.5°	1151.0	1151.0	1151.0	1151.0
150°	1179.3	1179.7	1180.2	1180.6
152.5°	1205.9	1207.0	1208.1	1209.2
155°	1228.9	1230.2	1231.6	1232.9
157.5°	1249.6	1250.3	1250.9	1251.6
160°	1267.4	1268.7	1270.0	1271.3
162.5°	1283.2	1284.5	1285.8	1287.1
165°	1297.0	1298.3	1299.6	1300.9
167.5°	1307.8	1309.1	1310.5	1311.8
170°	1316.0	1317.5	1319.1	1320.6
172.5°	1322.0	1323.5	1325.1	1326.6
175°	1326.6	1327.9	1329.2	1330.5
177.5°	1329.5	1330.8	1332.2	1333.5
180°	1330.5	1330.5	1330.5	1330.5

(END OF REPORT)