

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: P1010882

Luminaire Tested: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010882
REPORT IS A COMBINATION OF REPORTS P993168 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K
Description: Define 3 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

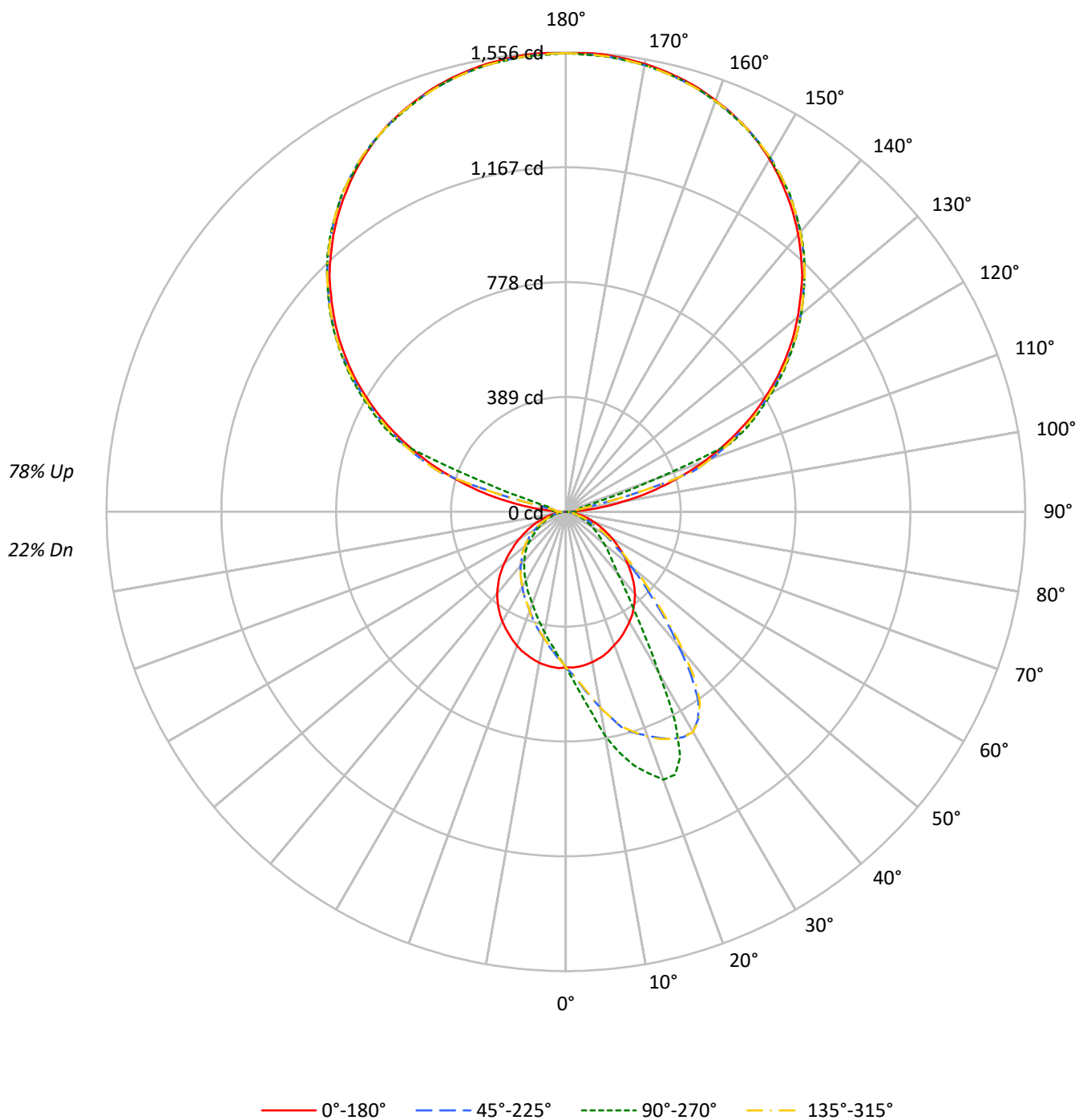
Lumens per Lamp: N/A
Luminaire Lumens: 6052.0 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 48
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	50	30	10
RCR																				
0	100	100	100	100	89	89	89	89	68	68	68	48	48	48	30	30	30	30	30	22
1	92	88	84	81	81	78	75	72	59	58	56	43	41	40	27	26	26	26	26	19
2	84	77	71	66	74	68	64	60	52	49	46	38	36	34	24	23	22	22	22	16
3	76	68	61	55	67	60	55	50	46	42	39	33	31	29	22	20	19	19	19	14
4	70	60	52	47	62	53	47	42	41	37	34	30	27	25	19	18	17	17	17	12
5	64	53	46	40	57	48	41	36	37	32	29	27	24	22	17	16	15	15	15	11
6	59	48	40	35	52	43	36	31	33	29	25	24	21	19	16	14	13	13	13	10
7	54	43	35	30	48	38	32	27	30	25	22	22	19	17	15	13	12	12	12	9
8	50	39	32	27	45	35	29	24	27	23	19	20	17	15	13	12	10	10	10	8
9	47	35	28	23	41	32	26	21	25	20	17	18	15	13	12	11	9	9	9	7
10	44	32	25	21	39	29	23	19	23	18	16	17	14	12	11	10	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5672	5672	5672	5672
5°	5675	6532	5690	4846
10°	5626	7885	5650	4233
15°	5568	8949	5568	3732
20°	5453	9653	5484	3311
25°	5370	9171	5359	3021
30°	5273	6354	5262	2737
35°	5155	4079	5132	2524
40°	5010	2880	4985	2311
45°	4757	2305	4749	2104
50°	4446	1929	4431	1862
55°	4095	1590	4062	1579
60°	3751	1314	3714	1343
65°	3348	1052	3370	1138
70°	2974	730	3057	921
75°	2522	542	2625	707
80°	2009	358	2177	531
85°	1431	171	1556	330

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7571 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	0.9
10°-20°	162.0	2.7
20°-30°	255.1	4.2
30°-40°	265.3	4.4
40°-50°	226.9	3.7
50°-60°	173.0	2.9
60°-70°	110.9	1.8
70°-80°	53.1	0.9
80°-90°	17.1	0.3
90°-100°	54.8	0.9
100°-110°	264.9	4.4
110°-120°	649.2	10.7
120°-130°	824.1	13.6
130°-140°	880.4	14.5
140°-150°	823.3	13.6
150°-160°	664.0	11.0
160°-170°	428.5	7.1
170°-180°	147.7	2.4
0°-30°	468.8	7.7
0°-40°	734.1	12.1
0°-60°	1134.1	18.7
0°-90°	1315.1	21.7
90°-120°	968.9	16.0
90°-150°	3496.7	57.8
90°-180°	4737.0	78.3
0°-180°	6052.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	626	528	464	526	50
15°	503	889	503	371	503	141
25°	457	916	456	302	457	211
35°	399	397	397	246	399	250
45°	320	212	320	194	320	247
55°	226	133	224	132	226	203
65°	138	77	139	83	138	138
75°	66	32	69	42	66	72
85°	15	8	16	15	15	17
90°	1	35	1	35	1	5
95°	70	44	70	44	70	84
105°	344	51	344	51	344	365
115°	645	679	645	679	645	637
125°	910	928	910	928	910	813
135°	1132	1144	1132	1144	1132	872
145°	1307	1320	1307	1320	1307	818
155°	1440	1437	1440	1437	1440	663
165°	1518	1515	1518	1515	1518	429
175°	1554	1548	1554	1548	1554	148
180°	1554	1554	1554	1554	1554	

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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°	528.2	531.9	534.6	536.4	540.9	543.6	545.8	549.9	549.9	550.8	552.6
5°	526.4	534.1	539.5	546.7	556.2	560.7	567.0	572.5	580.1	584.2	588.2
7.5°	522.4	533.2	544.5	555.3	569.3	578.3	584.6	598.6	608.5	620.7	630.2
10°	517.0	531.9	546.3	563.0	581.9	595.5	604.9	623.4	642.4	659.5	674.0
12.5°	510.2	528.2	549.0	569.3	595.9	609.4	624.8	647.8	674.9	696.5	715.9
15°	503.0	523.7	547.2	572.0	605.4	624.3	646.4	674.4	704.6	735.8	762.4
17.5°	491.7	517.9	544.0	580.1	619.4	630.7	649.6	687.9	725.4	753.4	785.8
20°	480.4	509.8	542.7	575.2	617.6	643.7	661.3	701.9	742.1	775.9	807.0
22.5°	470.1	500.7	535.0	576.1	615.8	641.9	664.0	706.4	752.9	790.8	829.1
25°	457.4	490.8	528.7	567.5	615.8	635.6	660.0	709.1	758.3	802.1	849.4
27.5°	443.9	477.7	515.2	554.9	599.1	628.4	652.3	705.1	765.1	812.0	860.7
30°	430.4	465.1	501.2	536.8	586.4	614.4	641.9	700.1	768.7	822.4	859.8
32.5°	417.3	446.6	482.2	517.0	566.1	596.8	627.9	695.2	770.0	815.2	833.2
35°	399.2	429.9	458.8	495.8	545.4	575.6	612.2	694.7	764.2	792.1	783.1
37.5°	382.5	408.3	435.8	468.7	519.7	558.9	596.8	683.0	744.8	746.6	695.6
40°	364.0	385.2	408.3	443.0	498.0	536.8	577.9	664.9	709.6	683.0	593.2
42.5°	342.8	361.8	379.8	413.7	473.7	517.0	561.2	642.4	658.6	597.3	503.9
45°	320.3	335.6	352.3	388.0	448.0	490.8	535.0	607.6	591.0	504.3	415.5
47.5°	296.8	309.9	326.2	358.6	420.4	464.2	506.1	558.0	515.6	422.7	348.3
50°	273.4	283.7	299.5	332.9	392.5	432.2	471.0	504.8	445.2	362.7	287.8
52.5°	250.4	258.5	274.7	303.1	360.9	398.8	426.7	439.8	379.4	299.5	249.9
55°	226.0	235.0	245.9	274.7	332.0	360.0	378.5	378.0	315.8	254.0	206.6
57.5°	202.5	210.7	220.1	249.0	295.5	314.4	330.2	322.5	263.4	208.0	177.3
60°	181.8	186.3	196.7	221.0	256.2	272.5	281.5	268.4	215.2	175.5	146.6
62.5°	159.2	163.8	172.3	195.3	217.0	225.6	233.2	216.5	177.7	143.0	125.4
65°	138.5	144.4	149.8	168.3	180.0	190.4	189.5	175.5	138.9	116.4	102.0
67.5°	120.4	122.7	127.2	138.5	143.9	151.6	152.0	136.2	111.9	94.7	86.2
70°	101.0	103.3	106.5	111.9	115.5	117.3	116.4	102.4	84.4	74.0	66.3
72.5°	84.4	83.9	86.2	86.2	89.8	89.3	86.6	75.8	64.1	55.5	51.0
75°	66.3	66.8	67.2	66.3	65.0	63.2	60.9	52.8	45.1	41.1	37.0
77.5°	51.9	51.0	51.4	48.3	46.5	44.7	41.5	37.4	31.1	30.2	28.4
80°	37.0	36.5	36.1	34.7	30.7	28.9	26.6	24.4	23.0	22.1	21.7
82.5°	24.8	24.8	23.9	21.2	18.9	17.6	17.1	16.2	14.9	14.9	14.4
85°	14.9	14.4	13.5	10.8	9.5	9.5	9.5	9.5	8.6	8.6	8.1
87.5°	5.9	5.4	4.1	4.1	3.6	3.6	3.6	3.2	3.2	2.7	2.7
90°	1.2	3.8	6.3	8.9	11.4	12.7	14.4	17.7	21.0	24.4	27.7
92.5°	26.6	25.0	23.5	21.9	20.4	19.6	20.8	23.1	25.4	27.7	30.0
95°	70.4	59.9	49.4	38.9	28.4	23.1	24.5	27.3	30.2	33.0	35.8
97.5°	128.1	120.9	113.7	106.6	99.4	95.8	89.3	76.2	63.1	50.0	36.9
100°	195.1	200.2	205.4	210.5	215.6	218.2	198.2	158.2	118.1	78.1	38.1
102.5°	271.3	274.6	278.0	281.3	284.6	286.3	264.0	219.3	174.7	130.0	85.4
105°	344.0	346.8	349.6	352.5	355.3	356.7	345.2	322.1	299.0	275.9	252.8
107.5°	421.4	423.7	426.0	428.3	430.6	431.7	433.6	437.5	441.4	445.2	449.1
110°	498.7	500.7	502.8	504.8	506.9	507.9	509.3	512.1	515.0	517.8	520.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	572.6	574.4	576.2	578.0	579.8	580.7	582.1	584.9	587.8	590.6	593.4
115°	645.3	646.8	648.4	649.9	651.4	652.2	653.4	655.7	658.0	660.3	662.6
117.5°	716.9	718.7	720.5	722.3	724.1	725.0	725.6	726.9	728.2	729.4	730.7
120°	782.7	785.0	787.3	789.6	791.9	793.1	793.5	794.2	795.0	795.7	796.5
122.5°	849.6	851.4	853.2	855.0	856.8	857.7	858.2	859.2	860.3	861.3	862.3
125°	909.7	911.7	913.8	915.8	917.9	918.9	919.4	920.4	921.5	922.5	923.5
127.5°	969.7	971.7	973.8	975.8	977.9	978.9	979.5	980.8	982.1	983.4	984.7
130°	1025.1	1027.1	1029.2	1031.2	1033.3	1034.3	1034.8	1035.8	1036.9	1037.9	1038.9
132.5°	1078.2	1080.2	1082.3	1084.3	1086.4	1087.4	1087.8	1088.6	1089.3	1090.1	1090.9
135°	1132.5	1134.0	1135.6	1137.1	1138.6	1139.4	1139.9	1140.9	1142.0	1143.0	1144.0
137.5°	1178.6	1180.7	1182.7	1184.8	1186.9	1187.9	1188.2	1188.7	1189.2	1189.7	1190.2
140°	1224.8	1226.3	1227.9	1229.4	1230.9	1231.7	1232.1	1232.9	1233.6	1234.4	1235.2
142.5°	1267.5	1269.0	1270.6	1272.1	1273.6	1274.4	1274.8	1275.6	1276.3	1277.1	1277.9
145°	1306.8	1308.6	1310.4	1312.1	1313.9	1314.8	1315.1	1315.6	1316.1	1316.7	1317.2
147.5°	1344.9	1346.2	1347.4	1348.7	1350.0	1350.6	1350.9	1351.4	1351.9	1352.4	1352.9
150°	1379.5	1380.3	1381.1	1381.8	1382.6	1383.0	1383.3	1383.8	1384.3	1384.8	1385.3
152.5°	1410.7	1410.9	1411.2	1411.4	1411.7	1411.8	1411.9	1412.2	1412.5	1412.7	1413.0
155°	1439.5	1439.0	1438.5	1438.0	1437.5	1437.2	1437.3	1437.6	1437.9	1438.1	1438.4
157.5°	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.5	1462.2	1462.0	1461.7	1461.5
160°	1483.4	1483.1	1482.9	1482.6	1482.3	1482.2	1482.1	1481.8	1481.6	1481.3	1481.1
162.5°	1503.0	1502.2	1501.4	1500.7	1499.9	1499.5	1499.4	1499.1	1498.9	1498.6	1498.4
165°	1518.0	1517.2	1516.5	1515.7	1515.0	1514.6	1514.5	1514.2	1513.9	1513.7	1513.4
167.5°	1530.7	1529.7	1528.7	1527.6	1526.6	1526.1	1526.1	1526.1	1526.1	1526.1	1526.1
170°	1541.1	1540.1	1539.1	1538.0	1537.0	1536.5	1536.5	1536.5	1536.5	1536.5	1536.5
172.5°	1548.0	1546.7	1545.5	1544.2	1542.9	1542.3	1542.4	1542.7	1542.9	1543.2	1543.4
175°	1553.8	1552.5	1551.2	1549.9	1548.6	1548.0	1548.1	1548.4	1548.7	1548.9	1549.2
177.5°	1556.1	1554.8	1553.5	1552.2	1550.9	1550.3	1550.4	1550.7	1551.0	1551.2	1551.5
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

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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°	556.2	556.2	560.3	564.3	562.1	563.4	568.4	566.6	570.2	569.8	571.1
5°	598.2	603.1	607.2	615.8	617.1	615.8	624.3	626.6	630.7	625.7	627.9
7.5°	645.5	655.9	665.8	678.5	682.5	683.4	687.9	694.3	699.7	689.7	694.7
10°	691.6	707.3	727.6	738.9	748.8	752.5	756.1	760.1	766.4	772.3	767.8
12.5°	741.2	764.2	783.6	803.9	816.1	814.7	825.1	827.8	832.7	834.1	835.9
15°	781.8	814.3	826.4	856.7	859.4	868.4	880.1	890.5	891.8	889.1	889.1
17.5°	820.6	848.5	870.2	894.6	899.5	907.2	922.1	927.0	928.8	928.4	928.4
20°	852.1	870.6	907.2	927.5	935.6	945.5	955.9	962.2	963.6	965.4	962.7
22.5°	872.9	900.9	930.6	947.3	954.1	957.7	964.5	966.3	964.0	964.5	964.9
25°	889.1	916.7	934.7	939.2	938.8	934.2	929.3	920.7	919.8	916.2	909.0
27.5°	893.6	904.0	901.8	883.3	864.8	863.0	833.2	817.0	798.5	801.2	790.8
30°	869.3	855.8	823.7	776.8	757.4	725.8	692.5	657.7	644.2	629.3	656.8
32.5°	809.7	761.5	704.6	643.7	611.3	583.3	547.6	522.4	507.9	495.8	519.2
35°	720.0	644.6	569.3	511.6	484.9	459.7	426.3	413.7	395.6	397.4	399.7
37.5°	604.5	521.5	464.6	407.8	390.2	379.8	355.5	336.1	329.8	328.0	328.0
40°	496.2	428.1	377.6	332.9	319.4	310.8	291.4	282.4	275.6	273.8	276.1
42.5°	410.5	352.3	313.1	283.3	273.8	263.0	254.9	243.6	242.2	239.1	243.1
45°	344.6	294.1	264.8	243.1	235.0	231.0	221.9	215.2	212.5	212.0	215.2
47.5°	292.3	253.1	227.4	213.8	207.5	203.5	195.8	193.1	190.4	191.3	189.9
50°	245.4	216.1	199.4	187.2	183.2	179.1	174.1	171.4	170.1	170.1	169.6
52.5°	210.7	186.3	175.5	164.2	162.4	160.1	154.7	152.9	150.7	150.2	152.0
55°	180.4	163.8	152.9	146.2	144.4	139.8	137.6	135.3	134.0	133.1	133.5
57.5°	154.3	141.6	134.4	128.6	125.4	123.6	119.5	119.1	118.2	118.2	117.7
60°	132.6	123.6	115.0	111.4	109.2	106.9	106.5	103.8	102.4	103.3	102.9
62.5°	112.3	105.1	100.1	96.1	94.7	92.9	91.6	90.7	89.3	89.8	89.8
65°	93.8	88.0	84.4	80.7	80.3	78.5	78.0	77.1	77.1	76.7	77.6
67.5°	77.1	73.1	69.9	67.7	66.3	66.8	65.0	63.6	63.6	63.2	64.5
70°	61.4	59.1	55.9	53.2	51.4	51.4	49.2	48.7	48.7	48.7	48.3
72.5°	47.4	43.3	42.0	41.1	41.1	41.1	40.1	40.1	39.7	40.1	39.7
75°	35.2	34.7	33.8	33.4	33.4	32.9	32.5	32.5	32.5	32.5	32.5
77.5°	27.5	27.5	26.6	26.2	26.2	26.2	25.7	25.7	25.3	25.3	25.3
80°	20.3	20.3	19.4	19.4	19.4	18.9	18.9	18.9	19.4	18.9	18.9
82.5°	14.0	14.0	13.5	14.0	13.5	13.1	13.1	13.1	12.6	13.1	13.1
85°	8.1	8.1	7.7	7.2	7.7	7.7	7.2	7.7	7.2	7.7	7.2
87.5°	3.2	2.7	2.7	2.7	2.3	2.7	2.3	2.3	2.7	2.3	2.7
90°	28.7	29.7	30.8	31.8	32.3	32.6	33.1	33.6	34.1	34.6	34.1
92.5°	31.8	33.6	35.4	37.2	38.1	38.2	38.5	38.7	39.0	39.2	39.0
95°	37.6	39.4	41.2	43.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9
97.5°	39.0	41.0	43.1	45.2	46.2	46.3	46.6	46.8	47.1	47.3	47.1
100°	40.1	42.2	44.2	46.3	47.3	47.4	47.7	48.0	48.2	48.5	48.2
102.5°	76.9	68.5	60.0	51.5	47.3	47.6	48.1	48.6	49.1	49.6	49.1
105°	207.4	162.0	116.6	71.2	48.5	48.8	49.3	49.8	50.3	50.8	50.3
107.5°	409.6	370.1	330.6	291.1	271.3	254.5	220.9	187.3	153.7	120.1	153.7
110°	512.1	503.7	495.2	486.7	482.5	464.2	427.5	390.8	354.2	317.5	354.2

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	595.7	598.0	600.3	602.6	603.7	603.4	602.9	602.4	601.9	601.4	601.9
115°	665.2	667.8	670.3	672.9	674.2	674.7	675.7	676.8	677.8	678.8	677.8
117.5°	732.8	734.8	736.9	739.0	740.0	740.1	740.4	740.6	740.9	741.1	740.9
120°	798.6	800.6	802.7	804.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8
122.5°	863.6	864.9	866.2	867.5	868.1	868.2	868.5	868.8	869.0	869.3	869.0
125°	924.0	924.5	925.0	925.5	925.8	926.1	926.6	927.1	927.6	928.1	927.6
127.5°	985.5	986.3	987.0	987.8	988.2	987.9	987.4	986.9	986.3	985.8	986.3
130°	1039.9	1041.0	1042.0	1043.1	1043.6	1043.3	1042.8	1042.3	1041.8	1041.3	1041.8
132.5°	1091.9	1092.9	1094.0	1095.0	1095.5	1095.1	1094.3	1093.6	1092.8	1092.0	1092.8
135°	1144.8	1145.6	1146.3	1147.1	1147.5	1147.1	1146.3	1145.6	1144.8	1144.0	1144.8
137.5°	1191.5	1192.7	1194.0	1195.3	1195.9	1195.6	1195.1	1194.6	1194.1	1193.6	1194.1
140°	1236.2	1237.2	1238.3	1239.3	1239.8	1239.5	1239.0	1238.5	1238.0	1237.5	1238.0
142.5°	1278.7	1279.5	1280.2	1281.0	1281.4	1281.0	1280.2	1279.5	1278.7	1277.9	1278.7
145°	1317.7	1318.2	1318.7	1319.2	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5
147.5°	1353.4	1353.9	1354.4	1354.9	1355.2	1354.6	1353.3	1352.0	1350.8	1349.5	1350.8
150°	1385.8	1386.3	1386.8	1387.3	1387.6	1387.2	1386.4	1385.7	1384.9	1384.1	1384.9
152.5°	1414.0	1415.0	1416.1	1417.1	1417.6	1417.0	1415.7	1414.4	1413.1	1411.8	1413.1
155°	1439.7	1440.9	1442.2	1443.5	1444.1	1443.3	1441.8	1440.3	1438.7	1437.2	1438.7
157.5°	1463.0	1464.6	1466.1	1467.6	1468.4	1467.4	1465.3	1463.2	1461.2	1459.1	1461.2
160°	1482.6	1484.2	1485.7	1487.2	1488.0	1487.1	1485.3	1483.5	1481.7	1479.9	1481.7
162.5°	1500.2	1502.0	1503.8	1505.6	1506.5	1505.7	1504.2	1502.6	1501.1	1499.5	1501.1
165°	1515.4	1517.5	1519.5	1521.6	1522.6	1521.7	1519.9	1518.2	1516.4	1514.6	1516.4
167.5°	1528.1	1530.2	1532.2	1534.3	1535.3	1534.3	1532.2	1530.2	1528.1	1526.1	1528.1
170°	1538.5	1540.6	1542.6	1544.7	1545.7	1544.7	1542.6	1540.6	1538.5	1536.5	1538.5
172.5°	1545.4	1547.5	1549.5	1551.6	1552.6	1551.5	1549.2	1546.9	1544.6	1542.3	1544.6
175°	1551.0	1552.8	1554.6	1556.4	1557.3	1556.3	1554.2	1552.1	1550.1	1548.0	1550.1
177.5°	1553.5	1555.6	1557.6	1559.7	1560.7	1559.4	1556.9	1554.3	1551.8	1549.2	1551.8
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

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°	568.8	566.1	564.3	563.0	561.6	565.7	560.3	554.4	550.4	547.6	546.7
5°	628.4	622.5	617.6	613.5	614.4	614.4	604.9	594.6	585.5	580.6	575.2
7.5°	697.4	691.1	681.2	678.9	677.1	665.8	656.4	637.4	626.1	614.9	604.9
10°	766.0	757.9	748.4	745.2	740.7	726.7	712.3	687.9	674.0	653.2	640.1
12.5°	830.0	820.1	810.6	808.4	801.6	789.4	764.6	739.4	715.5	693.4	670.3
15°	883.7	881.0	866.6	857.6	842.7	826.0	820.6	786.3	756.1	733.1	691.6
17.5°	928.8	916.2	902.7	896.8	890.9	871.5	852.1	817.0	784.5	750.6	724.0
20°	964.9	950.9	941.5	932.9	930.2	908.1	877.4	846.3	810.6	772.8	738.0
22.5°	966.7	964.9	958.6	953.6	948.2	933.8	909.4	870.6	832.7	791.2	745.7
25°	929.3	926.6	944.6	940.1	943.7	938.3	925.2	892.7	848.5	799.8	753.8
27.5°	816.5	844.0	872.4	882.4	889.1	908.5	914.9	896.8	861.2	809.3	757.9
30°	663.1	699.7	745.7	770.5	789.4	825.5	872.4	878.3	861.6	820.1	757.0
32.5°	520.6	554.0	591.0	620.3	645.5	719.5	782.7	828.2	836.4	814.7	759.2
35°	419.5	434.0	469.2	497.1	531.4	594.6	669.0	742.5	792.1	794.9	752.5
37.5°	346.0	353.7	384.3	400.1	420.4	475.9	545.4	641.5	718.6	755.2	733.5
40°	286.5	304.0	321.6	330.7	345.1	383.4	450.2	525.5	621.2	688.8	704.2
42.5°	248.6	256.2	267.5	280.1	289.2	322.5	367.2	436.2	522.4	616.7	659.1
45°	219.2	221.9	233.7	241.8	251.3	274.7	306.3	364.0	439.8	532.8	604.9
47.5°	194.9	200.3	206.6	211.6	217.9	235.9	263.0	305.0	371.7	454.7	532.3
50°	173.2	176.4	184.5	186.8	191.3	203.9	224.7	256.7	311.7	378.0	458.3
52.5°	152.9	158.8	161.9	165.1	169.2	179.5	193.1	219.2	260.7	323.0	391.1
55°	137.1	138.9	143.5	146.2	149.3	156.5	168.3	187.7	220.1	269.8	334.3
57.5°	121.8	121.8	126.3	128.6	131.7	137.1	147.5	162.4	185.9	222.8	281.9
60°	105.6	106.0	109.6	112.3	113.2	118.6	127.2	138.9	157.0	184.1	232.3
62.5°	91.1	93.4	95.2	96.1	99.2	102.4	109.6	117.7	130.4	154.3	188.6
65°	78.9	79.4	80.7	81.7	83.0	86.6	92.0	97.4	108.3	125.9	153.8
67.5°	65.0	66.8	68.6	68.6	69.9	71.7	77.1	81.7	89.8	100.1	119.1
70°	48.7	49.6	52.3	53.7	55.5	58.6	61.4	64.1	70.4	78.0	92.5
72.5°	40.6	40.6	41.5	42.0	42.0	44.2	48.3	51.0	54.1	59.5	69.5
75°	32.5	32.5	33.8	33.4	34.3	35.2	35.6	37.4	39.2	43.3	49.2
77.5°	25.7	26.2	26.2	26.6	26.6	27.1	27.5	28.4	29.3	31.6	34.3
80°	18.9	19.4	19.4	19.8	19.8	20.3	20.8	21.2	22.1	23.0	24.4
82.5°	13.1	13.5	13.5	14.0	13.5	14.0	14.4	14.4	14.9	15.8	16.2
85°	7.7	7.7	8.1	7.7	7.7	7.7	8.1	8.1	8.6	9.9	9.9
87.5°	2.3	2.7	2.3	2.7	2.7	2.7	2.7	3.2	3.2	3.6	4.1
90°	33.6	33.1	32.6	32.3	31.8	30.8	29.7	28.7	27.7	24.4	21.0
92.5°	38.7	38.5	38.2	38.1	37.2	35.4	33.6	31.8	30.0	27.7	25.4
95°	43.9	43.9	43.9	43.9	43.0	41.2	39.4	37.6	35.8	33.0	30.2
97.5°	46.8	46.6	46.3	46.2	45.2	43.1	41.0	39.0	36.9	50.0	63.1
100°	48.0	47.7	47.4	47.3	46.3	44.2	42.2	40.1	38.1	78.1	118.1
102.5°	48.6	48.1	47.6	47.3	51.5	60.0	68.5	76.9	85.4	130.0	174.7
105°	49.8	49.3	48.8	48.5	71.2	116.6	162.0	207.4	252.8	275.9	299.0
107.5°	187.3	220.9	254.5	271.3	291.1	330.6	370.1	409.6	449.1	445.2	441.4
110°	390.8	427.5	464.2	482.5	486.7	495.2	503.7	512.1	520.6	517.8	515.0

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	602.4	602.9	603.4	603.7	602.6	600.3	598.0	595.7	593.4	590.6	587.8
115°	676.8	675.7	674.7	674.2	672.9	670.3	667.8	665.2	662.6	660.3	658.0
117.5°	740.6	740.4	740.1	740.0	739.0	736.9	734.8	732.8	730.7	729.4	728.2
120°	805.8	805.8	805.8	805.8	804.8	802.7	800.6	798.6	796.5	795.7	795.0
122.5°	868.8	868.5	868.2	868.1	867.5	866.2	864.9	863.6	862.3	861.3	860.3
125°	927.1	926.6	926.1	925.8	925.5	925.0	924.5	924.0	923.5	922.5	921.5
127.5°	986.9	987.4	987.9	988.2	987.8	987.0	986.3	985.5	984.7	983.4	982.1
130°	1042.3	1042.8	1043.3	1043.6	1043.1	1042.0	1041.0	1039.9	1038.9	1037.9	1036.9
132.5°	1093.6	1094.3	1095.1	1095.5	1095.0	1094.0	1092.9	1091.9	1090.9	1090.1	1089.3
135°	1145.6	1146.3	1147.1	1147.5	1147.1	1146.3	1145.6	1144.8	1144.0	1143.0	1142.0
137.5°	1194.6	1195.1	1195.6	1195.9	1195.3	1194.0	1192.7	1191.5	1190.2	1189.7	1189.2
140°	1238.5	1239.0	1239.5	1239.8	1239.3	1238.3	1237.2	1236.2	1235.2	1234.4	1233.6
142.5°	1279.5	1280.2	1281.0	1281.4	1281.0	1280.2	1279.5	1278.7	1277.9	1277.1	1276.3
145°	1319.5	1319.5	1319.5	1319.5	1319.2	1318.7	1318.2	1317.7	1317.2	1316.7	1316.1
147.5°	1352.0	1353.3	1354.6	1355.2	1354.9	1354.4	1353.9	1353.4	1352.9	1352.4	1351.9
150°	1385.7	1386.4	1387.2	1387.6	1387.3	1386.8	1386.3	1385.8	1385.3	1384.8	1384.3
152.5°	1414.4	1415.7	1417.0	1417.6	1417.1	1416.1	1415.0	1414.0	1413.0	1412.7	1412.5
155°	1440.3	1441.8	1443.3	1444.1	1443.5	1442.2	1440.9	1439.7	1438.4	1438.1	1437.9
157.5°	1463.2	1465.3	1467.4	1468.4	1467.6	1466.1	1464.6	1463.0	1461.5	1461.7	1462.0
160°	1483.5	1485.3	1487.1	1488.0	1487.2	1485.7	1484.2	1482.6	1481.1	1481.3	1481.6
162.5°	1502.6	1504.2	1505.7	1506.5	1505.6	1503.8	1502.0	1500.2	1498.4	1498.6	1498.9
165°	1518.2	1519.9	1521.7	1522.6	1521.6	1519.5	1517.5	1515.4	1513.4	1513.7	1513.9
167.5°	1530.2	1532.2	1534.3	1535.3	1534.3	1532.2	1530.2	1528.1	1526.1	1526.1	1526.1
170°	1540.6	1542.6	1544.7	1545.7	1544.7	1542.6	1540.6	1538.5	1536.5	1536.5	1536.5
172.5°	1546.9	1549.2	1551.5	1552.6	1551.6	1549.5	1547.5	1545.4	1543.4	1543.2	1542.9
175°	1552.1	1554.2	1556.3	1557.3	1556.4	1554.6	1552.8	1551.0	1549.2	1548.9	1548.7
177.5°	1554.3	1556.9	1559.4	1560.7	1559.7	1557.6	1555.6	1553.5	1551.5	1551.2	1551.0
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

TEST NUMBER: P1010882

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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°	545.4	543.1	540.9	540.9	535.9	531.4	529.2	530.1	527.3	523.7	520.1
5°	569.3	560.3	558.5	553.5	546.7	537.3	532.3	527.8	522.4	515.2	508.4
7.5°	591.4	579.7	573.4	568.4	555.3	542.2	531.4	524.2	514.7	503.9	495.8
10°	620.3	598.6	591.9	580.6	562.1	543.6	531.0	519.2	506.1	493.5	482.7
12.5°	643.3	618.5	605.8	594.6	570.7	547.2	526.0	511.6	495.8	481.8	467.8
15°	669.4	641.5	619.4	605.8	575.6	547.2	523.3	503.0	485.4	468.3	456.1
17.5°	682.1	646.9	637.0	617.6	573.8	545.4	516.1	494.4	473.2	453.4	438.9
20°	701.9	660.9	636.1	623.0	584.2	542.2	507.9	483.1	461.0	439.8	424.5
22.5°	703.3	658.6	642.4	617.6	569.8	532.8	500.7	470.5	444.8	424.9	409.2
25°	700.1	654.6	632.0	612.2	572.5	527.3	486.3	456.5	431.3	408.3	389.8
27.5°	698.8	642.8	621.6	601.8	557.1	511.6	477.7	443.9	415.0	394.7	375.8
30°	697.0	630.2	604.5	581.5	540.4	499.4	458.8	429.5	401.9	376.2	357.3
32.5°	685.2	613.1	586.9	562.5	518.3	477.3	445.2	414.1	384.3	360.4	343.3
35°	681.6	597.3	563.0	536.8	493.5	457.0	423.1	397.4	369.5	345.5	325.2
37.5°	671.3	581.0	544.0	510.7	465.5	430.8	406.0	380.3	353.2	327.5	311.3
40°	653.2	562.1	520.1	485.8	439.4	404.2	381.2	362.2	335.6	312.6	292.8
42.5°	626.6	542.7	497.6	461.5	410.1	377.1	358.2	340.1	317.6	293.7	277.4
45°	595.9	517.0	475.0	434.9	382.5	350.5	330.7	319.8	299.1	278.8	259.8
47.5°	554.0	490.4	448.9	407.4	354.1	323.0	307.2	296.4	281.9	259.8	244.5
50°	501.2	456.1	416.8	379.8	326.2	296.4	280.6	272.5	260.3	244.5	229.6
52.5°	442.5	416.4	383.9	349.6	297.7	269.8	255.3	249.0	240.0	225.1	212.5
55°	383.4	372.2	350.1	316.2	268.0	245.0	232.3	224.2	217.4	206.6	195.8
57.5°	330.7	325.2	309.9	283.7	243.1	219.2	208.4	203.0	197.6	189.5	178.6
60°	276.1	281.9	266.2	253.1	216.1	195.3	185.9	180.0	177.3	170.1	163.3
62.5°	228.7	234.1	225.1	215.2	189.0	170.5	164.7	159.2	157.4	151.1	144.4
65°	185.9	192.6	185.9	180.4	164.7	149.3	142.1	139.4	137.6	133.5	128.1
67.5°	148.0	154.7	151.6	144.8	139.8	127.2	123.2	120.4	119.5	116.4	111.9
70°	111.4	120.9	121.8	117.7	113.2	107.4	104.7	103.8	101.5	98.8	96.1
72.5°	80.3	91.1	91.6	91.6	88.9	88.9	86.2	84.8	84.8	82.1	78.9
75°	59.1	66.3	67.2	68.1	69.5	70.8	69.0	69.0	68.6	65.9	64.5
77.5°	39.2	45.6	47.8	51.0	52.8	52.8	53.7	54.6	53.7	52.3	51.4
80°	25.3	29.8	32.5	34.3	37.0	38.3	39.7	40.1	39.2	38.8	37.4
82.5°	16.7	18.0	19.4	21.7	24.8	27.1	27.1	26.6	27.5	27.1	26.6
85°	9.5	10.4	10.8	11.3	13.1	15.3	15.8	16.2	17.1	16.2	15.3
87.5°	3.6	4.1	4.1	4.1	5.0	5.4	6.8	8.6	8.1	7.2	7.2
90°	17.7	14.4	12.7	11.4	8.9	6.3	3.8	1.2	3.8	6.3	8.9
92.5°	23.1	20.8	19.6	20.4	21.9	23.5	25.0	26.6	25.0	23.5	21.9
95°	27.3	24.5	23.1	28.4	38.9	49.4	59.9	70.4	59.9	49.4	38.9
97.5°	76.2	89.3	95.8	99.4	106.6	113.7	120.9	128.1	120.9	113.7	106.6
100°	158.2	198.2	218.2	215.6	210.5	205.4	200.2	195.1	200.2	205.4	210.5
102.5°	219.3	264.0	286.3	284.6	281.3	278.0	274.6	271.3	274.6	278.0	281.3
105°	322.1	345.2	356.7	355.3	352.5	349.6	346.8	344.0	346.8	349.6	352.5
107.5°	437.5	433.6	431.7	430.6	428.3	426.0	423.7	421.4	423.7	426.0	428.3
110°	512.1	509.3	507.9	506.9	504.8	502.8	500.7	498.7	500.7	502.8	504.8

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	584.9	582.1	580.7	579.8	578.0	576.2	574.4	572.6	574.4	576.2	578.0
115°	655.7	653.4	652.2	651.4	649.9	648.4	646.8	645.3	646.8	648.4	649.9
117.5°	726.9	725.6	725.0	724.1	722.3	720.5	718.7	716.9	718.7	720.5	722.3
120°	794.2	793.5	793.1	791.9	789.6	787.3	785.0	782.7	785.0	787.3	789.6
122.5°	859.2	858.2	857.7	856.8	855.0	853.2	851.4	849.6	851.4	853.2	855.0
125°	920.4	919.4	918.9	917.9	915.8	913.8	911.7	909.7	911.7	913.8	915.8
127.5°	980.8	979.5	978.9	977.9	975.8	973.8	971.7	969.7	971.7	973.8	975.8
130°	1035.8	1034.8	1034.3	1033.3	1031.2	1029.2	1027.1	1025.1	1027.1	1029.2	1031.2
132.5°	1088.6	1087.8	1087.4	1086.4	1084.3	1082.3	1080.2	1078.2	1080.2	1082.3	1084.3
135°	1140.9	1139.9	1139.4	1138.6	1137.1	1135.6	1134.0	1132.5	1134.0	1135.6	1137.1
137.5°	1188.7	1188.2	1187.9	1186.9	1184.8	1182.7	1180.7	1178.6	1180.7	1182.7	1184.8
140°	1232.9	1232.1	1231.7	1230.9	1229.4	1227.9	1226.3	1224.8	1226.3	1227.9	1229.4
142.5°	1275.6	1274.8	1274.4	1273.6	1272.1	1270.6	1269.0	1267.5	1269.0	1270.6	1272.1
145°	1315.6	1315.1	1314.8	1313.9	1312.1	1310.4	1308.6	1306.8	1308.6	1310.4	1312.1
147.5°	1351.4	1350.9	1350.6	1350.0	1348.7	1347.4	1346.2	1344.9	1346.2	1347.4	1348.7
150°	1383.8	1383.3	1383.0	1382.6	1381.8	1381.1	1380.3	1379.5	1380.3	1381.1	1381.8
152.5°	1412.2	1411.9	1411.8	1411.7	1411.4	1411.2	1410.9	1410.7	1410.9	1411.2	1411.4
155°	1437.6	1437.3	1437.2	1437.5	1438.0	1438.5	1439.0	1439.5	1439.0	1438.5	1438.0
157.5°	1462.2	1462.5	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6
160°	1481.8	1482.1	1482.2	1482.3	1482.6	1482.9	1483.1	1483.4	1483.1	1482.9	1482.6
162.5°	1499.1	1499.4	1499.5	1499.9	1500.7	1501.4	1502.2	1503.0	1502.2	1501.4	1500.7
165°	1514.2	1514.5	1514.6	1515.0	1515.7	1516.5	1517.2	1518.0	1517.2	1516.5	1515.7
167.5°	1526.1	1526.1	1526.1	1526.6	1527.6	1528.7	1529.7	1530.7	1529.7	1528.7	1527.6
170°	1536.5	1536.5	1536.5	1537.0	1538.0	1539.1	1540.1	1541.1	1540.1	1539.1	1538.0
172.5°	1542.7	1542.4	1542.3	1542.9	1544.2	1545.5	1546.7	1548.0	1546.7	1545.5	1544.2
175°	1548.4	1548.1	1548.0	1548.6	1549.9	1551.2	1552.5	1553.8	1552.5	1551.2	1549.9
177.5°	1550.7	1550.4	1550.3	1550.9	1552.2	1553.5	1554.8	1556.1	1554.8	1553.5	1552.2
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

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°	520.1	517.9	517.0	514.7	509.3	505.7	501.6	498.9	499.4	497.1	498.5
5°	503.9	503.4	500.3	495.8	488.1	484.0	476.8	473.2	471.4	471.9	469.2
7.5°	490.4	486.3	484.0	476.8	469.6	461.0	455.2	452.0	449.3	446.6	444.8
10°	475.0	471.4	467.8	460.1	450.2	442.1	434.0	430.8	426.7	424.9	423.6
12.5°	458.8	456.5	452.0	443.0	431.7	424.0	414.6	412.8	407.4	403.7	402.8
15°	443.9	442.5	434.4	424.0	412.8	405.1	397.0	391.6	382.5	384.3	381.2
17.5°	428.1	422.2	417.3	403.3	397.9	386.1	376.7	374.0	367.7	363.6	359.5
20°	410.5	406.9	400.6	391.6	378.5	364.9	357.7	353.2	349.6	343.3	341.5
22.5°	393.8	389.3	383.9	372.2	360.9	349.6	339.7	335.6	331.1	326.6	323.9
25°	380.7	374.0	368.1	353.7	342.4	332.9	326.6	319.8	313.5	310.8	309.9
27.5°	360.4	356.4	350.5	337.0	326.6	316.2	310.4	305.9	299.1	295.9	293.2
30°	347.4	339.2	332.5	321.6	311.3	300.0	294.6	289.2	285.1	281.0	277.9
32.5°	329.8	323.4	318.0	307.2	296.8	286.5	280.6	272.5	270.2	267.1	263.4
35°	312.6	308.6	302.7	291.0	279.7	272.5	266.2	258.5	255.8	253.5	250.4
37.5°	296.4	290.5	286.5	275.2	265.3	256.7	251.7	245.4	243.6	240.9	238.6
40°	282.4	276.5	272.5	261.2	250.8	241.8	238.6	232.3	229.6	226.5	225.1
42.5°	266.6	261.6	256.2	248.1	237.3	228.3	221.9	218.3	214.7	213.4	210.7
45°	249.9	245.4	241.3	232.3	221.0	214.7	209.3	204.4	201.6	199.4	197.6
47.5°	235.5	231.4	226.0	216.1	207.1	201.2	195.8	190.8	188.1	185.4	183.2
50°	218.8	216.5	210.7	201.2	192.6	185.9	180.9	176.4	174.6	171.4	167.8
52.5°	203.9	199.8	194.9	187.2	179.5	171.4	164.7	161.9	158.8	157.0	153.8
55°	186.3	183.6	178.2	171.4	163.3	156.5	151.6	148.0	143.9	142.1	138.0
57.5°	171.4	166.5	163.8	155.2	147.5	140.7	137.1	133.5	129.0	126.3	124.5
60°	155.2	150.7	146.6	139.4	134.0	126.8	121.3	118.2	115.0	111.4	109.6
62.5°	139.4	135.8	130.8	125.0	118.2	112.3	108.3	103.8	102.0	98.3	97.0
65°	122.3	119.5	115.5	108.7	103.3	98.3	94.3	90.7	88.9	87.5	86.6
67.5°	106.9	103.3	100.6	94.7	88.9	84.8	82.6	80.3	78.0	76.7	75.3
70°	91.1	88.4	85.7	80.3	76.2	72.6	70.8	69.0	67.7	66.3	65.0
72.5°	74.9	73.5	70.8	67.2	64.1	61.4	60.0	57.7	56.4	54.1	53.2
75°	61.8	59.5	58.2	55.0	52.3	50.1	48.3	45.6	43.8	42.9	42.4
77.5°	48.7	47.8	46.0	43.3	42.0	39.7	37.0	36.1	35.2	35.2	34.7
80°	36.5	35.2	33.8	31.6	30.2	28.4	28.4	28.4	28.0	28.4	28.0
82.5°	24.8	23.9	23.0	21.7	21.2	21.2	21.7	21.7	21.7	21.7	21.7
85°	14.4	14.4	14.4	14.9	14.4	14.4	14.9	15.3	14.9	14.9	14.4
87.5°	6.8	6.8	7.2	7.2	7.7	7.7	7.7	7.7	7.7	7.7	8.1
90°	11.4	12.7	14.4	17.7	21.0	24.4	27.7	28.7	29.7	30.8	31.8
92.5°	20.4	19.6	20.8	23.1	25.4	27.7	30.0	31.8	33.6	35.4	37.2
95°	28.4	23.1	24.5	27.3	30.2	33.0	35.8	37.6	39.4	41.2	43.0
97.5°	99.4	95.8	89.3	76.2	63.1	50.0	36.9	39.0	41.0	43.1	45.2
100°	215.6	218.2	198.2	158.2	118.1	78.1	38.1	40.1	42.2	44.2	46.3
102.5°	284.6	286.3	264.0	219.3	174.7	130.0	85.4	76.9	68.5	60.0	51.5
105°	355.3	356.7	345.2	322.1	299.0	275.9	252.8	207.4	162.0	116.6	71.2
107.5°	430.6	431.7	433.6	437.5	441.4	445.2	449.1	409.6	370.1	330.6	291.1
110°	506.9	507.9	509.3	512.1	515.0	517.8	520.6	512.1	503.7	495.2	486.7

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CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	579.8	580.7	582.1	584.9	587.8	590.6	593.4	595.7	598.0	600.3	602.6
115°	651.4	652.2	653.4	655.7	658.0	660.3	662.6	665.2	667.8	670.3	672.9
117.5°	724.1	725.0	725.6	726.9	728.2	729.4	730.7	732.8	734.8	736.9	739.0
120°	791.9	793.1	793.5	794.2	795.0	795.7	796.5	798.6	800.6	802.7	804.8
122.5°	856.8	857.7	858.2	859.2	860.3	861.3	862.3	863.6	864.9	866.2	867.5
125°	917.9	918.9	919.4	920.4	921.5	922.5	923.5	924.0	924.5	925.0	925.5
127.5°	977.9	978.9	979.5	980.8	982.1	983.4	984.7	985.5	986.3	987.0	987.8
130°	1033.3	1034.3	1034.8	1035.8	1036.9	1037.9	1038.9	1039.9	1041.0	1042.0	1043.1
132.5°	1086.4	1087.4	1087.8	1088.6	1089.3	1090.1	1090.9	1091.9	1092.9	1094.0	1095.0
135°	1138.6	1139.4	1139.9	1140.9	1142.0	1143.0	1144.0	1144.8	1145.6	1146.3	1147.1
137.5°	1186.9	1187.9	1188.2	1188.7	1189.2	1189.7	1190.2	1191.5	1192.7	1194.0	1195.3
140°	1230.9	1231.7	1232.1	1232.9	1233.6	1234.4	1235.2	1236.2	1237.2	1238.3	1239.3
142.5°	1273.6	1274.4	1274.8	1275.6	1276.3	1277.1	1277.9	1278.7	1279.5	1280.2	1281.0
145°	1313.9	1314.8	1315.1	1315.6	1316.1	1316.7	1317.2	1317.7	1318.2	1318.7	1319.2
147.5°	1350.0	1350.6	1350.9	1351.4	1351.9	1352.4	1352.9	1353.4	1353.9	1354.4	1354.9
150°	1382.6	1383.0	1383.3	1383.8	1384.3	1384.8	1385.3	1385.8	1386.3	1386.8	1387.3
152.5°	1411.7	1411.8	1411.9	1412.2	1412.5	1412.7	1413.0	1414.0	1415.0	1416.1	1417.1
155°	1437.5	1437.2	1437.3	1437.6	1437.9	1438.1	1438.4	1439.7	1440.9	1442.2	1443.5
157.5°	1462.6	1462.6	1462.5	1462.2	1462.0	1461.7	1461.5	1463.0	1464.6	1466.1	1467.6
160°	1482.3	1482.2	1482.1	1481.8	1481.6	1481.3	1481.1	1482.6	1484.2	1485.7	1487.2
162.5°	1499.9	1499.5	1499.4	1499.1	1498.9	1498.6	1498.4	1500.2	1502.0	1503.8	1505.6
165°	1515.0	1514.6	1514.5	1514.2	1513.9	1513.7	1513.4	1515.4	1517.5	1519.5	1521.6
167.5°	1526.6	1526.1	1526.1	1526.1	1526.1	1526.1	1526.1	1528.1	1530.2	1532.2	1534.3
170°	1537.0	1536.5	1536.5	1536.5	1536.5	1536.5	1536.5	1538.5	1540.6	1542.6	1544.7
172.5°	1542.9	1542.3	1542.4	1542.7	1542.9	1543.2	1543.4	1545.4	1547.5	1549.5	1551.6
175°	1548.6	1548.0	1548.1	1548.4	1548.7	1548.9	1549.2	1551.0	1552.8	1554.6	1556.4
177.5°	1550.9	1550.3	1550.4	1550.7	1551.0	1551.2	1551.5	1553.5	1555.6	1557.6	1559.7
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

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°	498.0	498.5	497.1	494.4	494.0	494.9	497.6	496.7	494.4	498.5	494.9
5°	470.5	468.3	467.3	468.3	465.5	464.2	466.9	465.5	466.9	467.3	468.7
7.5°	443.9	444.3	441.6	442.1	438.5	439.4	439.4	439.4	440.7	441.6	443.4
10°	420.9	421.8	418.6	419.1	416.4	414.6	415.9	418.6	418.6	418.6	419.5
12.5°	402.4	398.3	396.1	395.6	392.5	391.6	394.3	395.2	397.4	397.4	398.8
15°	379.4	378.5	376.7	376.7	369.0	370.8	371.7	374.9	379.4	375.8	376.7
17.5°	358.6	356.4	354.1	353.2	352.3	349.6	353.2	352.8	355.5	355.9	357.3
20°	340.1	338.3	333.8	334.3	335.2	331.1	333.4	333.4	336.1	338.8	341.9
22.5°	322.1	320.3	318.0	318.9	316.2	315.3	315.3	317.6	320.7	323.0	322.5
25°	308.1	305.0	303.6	302.2	300.9	301.8	300.4	302.7	305.0	306.3	305.0
27.5°	292.3	291.0	288.3	286.9	284.7	285.6	286.5	288.3	289.6	289.6	291.0
30°	277.0	275.2	274.3	272.9	272.9	271.1	271.6	273.4	274.7	276.1	277.9
32.5°	262.1	260.7	259.4	259.4	258.5	258.0	257.6	260.3	260.3	263.0	263.0
35°	249.9	247.7	247.7	245.4	246.3	245.9	245.0	246.8	247.2	249.0	248.6
37.5°	236.4	236.4	235.5	233.2	231.4	231.9	234.1	234.1	235.5	235.0	236.4
40°	222.8	221.9	221.9	220.6	220.1	219.7	220.1	220.6	222.8	222.4	222.8
42.5°	209.3	209.8	207.5	207.5	207.5	206.2	206.6	207.1	208.0	208.9	210.2
45°	196.2	195.3	194.9	194.0	193.1	193.5	193.1	194.9	194.4	195.3	196.7
47.5°	182.2	180.9	180.4	178.6	178.6	179.5	179.1	180.4	180.9	182.2	181.3
50°	168.7	166.9	165.6	166.0	163.3	164.2	164.2	165.6	166.9	167.4	168.3
52.5°	152.9	152.5	152.0	149.8	149.3	148.9	149.3	149.8	151.6	152.9	153.4
55°	137.6	137.1	134.4	133.5	132.2	132.2	133.1	133.5	136.7	137.1	138.9
57.5°	123.6	122.3	119.1	118.6	118.6	118.6	117.3	119.1	120.0	122.3	122.3
60°	108.3	108.3	105.6	105.6	106.0	105.6	105.6	106.0	106.0	107.8	108.7
62.5°	96.1	95.6	95.6	94.7	94.3	94.7	94.3	94.3	94.7	96.1	97.4
65°	85.3	84.8	84.4	83.9	83.0	83.0	83.5	84.4	84.4	85.3	85.7
67.5°	74.9	74.9	74.0	74.0	73.5	73.1	73.5	73.1	74.9	74.9	75.3
70°	64.5	64.1	62.7	62.3	60.9	61.4	61.4	62.7	63.2	64.1	65.0
72.5°	51.9	51.9	51.0	50.1	50.5	49.6	49.6	50.1	50.1	51.4	51.9
75°	42.9	42.0	41.5	42.0	41.5	42.4	41.5	41.5	42.4	42.4	42.4
77.5°	35.2	35.2	34.7	34.7	35.2	34.7	35.2	35.2	35.2	34.7	35.2
80°	28.9	28.4	28.4	28.4	28.0	28.0	28.0	28.0	28.0	28.0	28.0
82.5°	21.7	21.7	21.2	21.7	21.7	21.2	21.7	21.2	21.2	21.7	21.7
85°	14.4	15.3	14.4	14.4	14.9	14.9	15.3	14.9	15.3	14.4	14.9
87.5°	7.7	8.1	8.1	7.7	7.7	8.1	8.1	8.1	8.6	7.7	8.1
90°	32.3	32.6	33.1	33.6	34.1	34.6	34.1	33.6	33.1	32.6	32.3
92.5°	38.1	38.2	38.5	38.7	39.0	39.2	39.0	38.7	38.5	38.2	38.1
95°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
97.5°	46.2	46.3	46.6	46.8	47.1	47.3	47.1	46.8	46.6	46.3	46.2
100°	47.3	47.4	47.7	48.0	48.2	48.5	48.2	48.0	47.7	47.4	47.3
102.5°	47.3	47.6	48.1	48.6	49.1	49.6	49.1	48.6	48.1	47.6	47.3
105°	48.5	48.8	49.3	49.8	50.3	50.8	50.3	49.8	49.3	48.8	48.5
107.5°	271.3	254.5	220.9	187.3	153.7	120.1	153.7	187.3	220.9	254.5	271.3
110°	482.5	464.2	427.5	390.8	354.2	317.5	354.2	390.8	427.5	464.2	482.5

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	603.7	603.4	602.9	602.4	601.9	601.4	601.9	602.4	602.9	603.4	603.7
115°	674.2	674.7	675.7	676.8	677.8	678.8	677.8	676.8	675.7	674.7	674.2
117.5°	740.0	740.1	740.4	740.6	740.9	741.1	740.9	740.6	740.4	740.1	740.0
120°	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8	805.8
122.5°	868.1	868.2	868.5	868.8	869.0	869.3	869.0	868.8	868.5	868.2	868.1
125°	925.8	926.1	926.6	927.1	927.6	928.1	927.6	927.1	926.6	926.1	925.8
127.5°	988.2	987.9	987.4	986.9	986.3	985.8	986.3	986.9	987.4	987.9	988.2
130°	1043.6	1043.3	1042.8	1042.3	1041.8	1041.3	1041.8	1042.3	1042.8	1043.3	1043.6
132.5°	1095.5	1095.1	1094.3	1093.6	1092.8	1092.0	1092.8	1093.6	1094.3	1095.1	1095.5
135°	1147.5	1147.1	1146.3	1145.6	1144.8	1144.0	1144.8	1145.6	1146.3	1147.1	1147.5
137.5°	1195.9	1195.6	1195.1	1194.6	1194.1	1193.6	1194.1	1194.6	1195.1	1195.6	1195.9
140°	1239.8	1239.5	1239.0	1238.5	1238.0	1237.5	1238.0	1238.5	1239.0	1239.5	1239.8
142.5°	1281.4	1281.0	1280.2	1279.5	1278.7	1277.9	1278.7	1279.5	1280.2	1281.0	1281.4
145°	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5	1319.5
147.5°	1355.2	1354.6	1353.3	1352.0	1350.8	1349.5	1350.8	1352.0	1353.3	1354.6	1355.2
150°	1387.6	1387.2	1386.4	1385.7	1384.9	1384.1	1384.9	1385.7	1386.4	1387.2	1387.6
152.5°	1417.6	1417.0	1415.7	1414.4	1413.1	1411.8	1413.1	1414.4	1415.7	1417.0	1417.6
155°	1444.1	1443.3	1441.8	1440.3	1438.7	1437.2	1438.7	1440.3	1441.8	1443.3	1444.1
157.5°	1468.4	1467.4	1465.3	1463.2	1461.2	1459.1	1461.2	1463.2	1465.3	1467.4	1468.4
160°	1488.0	1487.1	1485.3	1483.5	1481.7	1479.9	1481.7	1483.5	1485.3	1487.1	1488.0
162.5°	1506.5	1505.7	1504.2	1502.6	1501.1	1499.5	1501.1	1502.6	1504.2	1505.7	1506.5
165°	1522.6	1521.7	1519.9	1518.2	1516.4	1514.6	1516.4	1518.2	1519.9	1521.7	1522.6
167.5°	1535.3	1534.3	1532.2	1530.2	1528.1	1526.1	1528.1	1530.2	1532.2	1534.3	1535.3
170°	1545.7	1544.7	1542.6	1540.6	1538.5	1536.5	1538.5	1540.6	1542.6	1544.7	1545.7
172.5°	1552.6	1551.5	1549.2	1546.9	1544.6	1542.3	1544.6	1546.9	1549.2	1551.5	1552.6
175°	1557.3	1556.3	1554.2	1552.1	1550.1	1548.0	1550.1	1552.1	1554.2	1556.3	1557.3
177.5°	1560.7	1559.4	1556.9	1554.3	1551.8	1549.2	1551.8	1554.3	1556.9	1559.4	1560.7
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

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°	498.5	500.3	498.5	494.9	498.5	500.7	503.0	506.6	508.4	508.4	511.1
5°	470.1	473.7	472.3	471.4	475.0	477.3	480.9	485.4	490.4	493.5	497.1
7.5°	444.8	447.0	449.3	449.3	452.9	457.9	463.3	468.7	475.0	479.5	482.2
10°	422.7	424.5	425.8	427.7	433.1	438.5	445.7	452.5	457.9	462.8	467.3
12.5°	401.5	404.2	407.4	408.7	412.8	419.5	426.3	434.4	443.0	448.0	452.5
15°	381.2	382.5	386.1	390.2	393.8	401.0	409.6	418.2	425.4	433.1	437.1
17.5°	360.4	360.9	370.4	368.1	379.8	386.6	391.1	399.2	411.0	417.3	423.6
20°	340.1	344.6	348.7	351.0	357.3	364.9	378.0	384.3	393.8	399.7	405.1
22.5°	324.3	331.1	331.1	336.5	339.7	346.9	356.4	368.6	378.9	383.0	390.7
25°	310.4	313.5	318.9	320.7	326.6	332.9	339.2	352.3	363.6	369.0	374.4
27.5°	292.3	296.4	303.6	303.6	311.3	318.0	325.7	334.3	345.5	353.2	359.1
30°	278.3	282.4	285.6	290.5	293.7	300.0	313.5	319.8	329.8	336.5	343.7
32.5°	265.3	268.4	271.1	276.5	280.1	287.4	294.6	305.9	314.4	320.7	328.4
35°	250.8	254.0	257.6	261.6	267.1	273.8	280.6	290.1	298.6	304.5	310.8
37.5°	237.3	239.5	245.0	247.7	252.2	258.5	267.1	277.0	284.7	289.2	295.5
40°	224.2	226.0	230.1	235.0	238.2	243.1	252.2	260.7	270.2	275.6	280.6
42.5°	210.2	212.5	216.1	221.0	226.0	231.4	236.4	246.3	254.9	259.4	264.8
45°	198.0	199.4	202.1	207.1	212.0	216.1	223.8	232.8	240.9	244.5	250.4
47.5°	183.6	185.0	189.0	191.3	196.7	202.1	209.8	218.8	226.0	229.6	235.0
50°	168.7	170.1	172.8	177.7	181.3	187.2	194.0	201.6	210.7	215.6	218.8
52.5°	154.3	157.0	159.2	163.3	167.8	173.7	180.0	187.2	194.9	199.8	203.5
55°	139.8	142.1	144.8	147.1	152.5	157.9	165.1	171.9	178.6	183.2	187.2
57.5°	123.6	126.8	129.5	134.0	138.0	142.6	150.7	156.1	164.2	167.4	171.0
60°	109.6	112.8	115.0	118.6	122.3	128.1	133.5	140.3	147.1	151.1	155.6
62.5°	97.9	99.2	100.6	104.2	107.8	113.2	118.6	125.4	132.6	134.9	138.5
65°	86.2	87.5	89.8	92.9	95.6	98.8	104.7	110.1	116.8	120.4	121.8
67.5°	76.2	77.6	78.0	80.3	82.6	86.2	89.3	94.7	101.0	103.3	106.0
70°	65.0	67.2	67.7	69.5	70.4	72.6	76.2	80.3	85.3	89.3	91.6
72.5°	51.9	55.0	55.9	58.6	60.0	62.3	65.0	68.1	71.3	73.1	74.9
75°	42.4	43.3	43.8	46.0	48.3	51.4	52.8	54.6	57.3	59.5	61.4
77.5°	35.2	35.6	36.1	36.1	36.5	38.3	41.1	43.3	45.1	46.0	47.4
80°	28.4	28.0	28.0	28.4	28.4	28.4	29.3	32.5	33.4	35.6	35.2
82.5°	22.1	21.2	21.7	21.2	21.2	21.2	21.2	21.7	21.7	23.0	23.9
85°	14.4	14.9	14.4	14.4	14.0	14.4	14.0	14.0	13.5	13.5	13.1
87.5°	7.7	8.1	7.7	7.7	7.2	7.7	7.2	7.2	6.8	6.8	5.9
90°	31.8	30.8	29.7	28.7	27.7	24.4	21.0	17.7	14.4	12.7	11.4
92.5°	37.2	35.4	33.6	31.8	30.0	27.7	25.4	23.1	20.8	19.6	20.4
95°	43.0	41.2	39.4	37.6	35.8	33.0	30.2	27.3	24.5	23.1	28.4
97.5°	45.2	43.1	41.0	39.0	36.9	50.0	63.1	76.2	89.3	95.8	99.4
100°	46.3	44.2	42.2	40.1	38.1	78.1	118.1	158.2	198.2	218.2	215.6
102.5°	51.5	60.0	68.5	76.9	85.4	130.0	174.7	219.3	264.0	286.3	284.6
105°	71.2	116.6	162.0	207.4	252.8	275.9	299.0	322.1	345.2	356.7	355.3
107.5°	291.1	330.6	370.1	409.6	449.1	445.2	441.4	437.5	433.6	431.7	430.6
110°	486.7	495.2	503.7	512.1	520.6	517.8	515.0	512.1	509.3	507.9	506.9

TEST NUMBER: P1010882

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	602.6	600.3	598.0	595.7	593.4	590.6	587.8	584.9	582.1	580.7	579.8
115°	672.9	670.3	667.8	665.2	662.6	660.3	658.0	655.7	653.4	652.2	651.4
117.5°	739.0	736.9	734.8	732.8	730.7	729.4	728.2	726.9	725.6	725.0	724.1
120°	804.8	802.7	800.6	798.6	796.5	795.7	795.0	794.2	793.5	793.1	791.9
122.5°	867.5	866.2	864.9	863.6	862.3	861.3	860.3	859.2	858.2	857.7	856.8
125°	925.5	925.0	924.5	924.0	923.5	922.5	921.5	920.4	919.4	918.9	917.9
127.5°	987.8	987.0	986.3	985.5	984.7	983.4	982.1	980.8	979.5	978.9	977.9
130°	1043.1	1042.0	1041.0	1039.9	1038.9	1037.9	1036.9	1035.8	1034.8	1034.3	1033.3
132.5°	1095.0	1094.0	1092.9	1091.9	1090.9	1090.1	1089.3	1088.6	1087.8	1087.4	1086.4
135°	1147.1	1146.3	1145.6	1144.8	1144.0	1143.0	1142.0	1140.9	1139.9	1139.4	1138.6
137.5°	1195.3	1194.0	1192.7	1191.5	1190.2	1189.7	1189.2	1188.7	1188.2	1187.9	1186.9
140°	1239.3	1238.3	1237.2	1236.2	1235.2	1234.4	1233.6	1232.9	1232.1	1231.7	1230.9
142.5°	1281.0	1280.2	1279.5	1278.7	1277.9	1277.1	1276.3	1275.6	1274.8	1274.4	1273.6
145°	1319.2	1318.7	1318.2	1317.7	1317.2	1316.7	1316.1	1315.6	1315.1	1314.8	1313.9
147.5°	1354.9	1354.4	1353.9	1353.4	1352.9	1352.4	1351.9	1351.4	1350.9	1350.6	1350.0
150°	1387.3	1386.8	1386.3	1385.8	1385.3	1384.8	1384.3	1383.8	1383.3	1383.0	1382.6
152.5°	1417.1	1416.1	1415.0	1414.0	1413.0	1412.7	1412.5	1412.2	1411.9	1411.8	1411.7
155°	1443.5	1442.2	1440.9	1439.7	1438.4	1438.1	1437.9	1437.6	1437.3	1437.2	1437.5
157.5°	1467.6	1466.1	1464.6	1463.0	1461.5	1461.7	1462.0	1462.2	1462.5	1462.6	1462.6
160°	1487.2	1485.7	1484.2	1482.6	1481.1	1481.3	1481.6	1481.8	1482.1	1482.2	1482.3
162.5°	1505.6	1503.8	1502.0	1500.2	1498.4	1498.6	1498.9	1499.1	1499.4	1499.5	1499.9
165°	1521.6	1519.5	1517.5	1515.4	1513.4	1513.7	1513.9	1514.2	1514.5	1514.6	1515.0
167.5°	1534.3	1532.2	1530.2	1528.1	1526.1	1526.1	1526.1	1526.1	1526.1	1526.1	1526.6
170°	1544.7	1542.6	1540.6	1538.5	1536.5	1536.5	1536.5	1536.5	1536.5	1536.5	1537.0
172.5°	1551.6	1549.5	1547.5	1545.4	1543.4	1543.2	1542.9	1542.7	1542.4	1542.3	1542.9
175°	1556.4	1554.6	1552.8	1551.0	1549.2	1548.9	1548.7	1548.4	1548.1	1548.0	1548.6
177.5°	1559.7	1557.6	1555.6	1553.5	1551.5	1551.2	1551.0	1550.7	1550.4	1550.3	1550.9
180°	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8	1553.8

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	526.9	526.9	526.9	526.9
2.5°	513.4	516.5	522.8	528.2
5°	502.5	507.5	517.0	526.4
7.5°	489.5	497.1	509.3	522.4
10°	476.8	486.7	501.6	517.0
12.5°	464.2	474.6	490.4	510.2
15°	449.3	460.1	479.1	503.0
17.5°	436.2	450.7	467.8	491.7
20°	422.2	433.1	455.2	480.4
22.5°	404.6	422.7	443.4	470.1
25°	390.7	406.4	427.2	457.4
27.5°	373.5	392.0	417.3	443.9
30°	359.5	374.9	398.3	430.4
32.5°	343.3	361.3	385.7	417.3
35°	328.9	344.2	367.2	399.2
37.5°	311.7	328.4	354.1	382.5
40°	296.8	313.1	337.4	364.0
42.5°	278.8	295.9	320.3	342.8
45°	264.4	280.1	299.5	320.3
47.5°	246.8	263.4	282.4	296.8
50°	231.0	246.3	261.2	273.4
52.5°	213.8	227.8	241.3	250.4
55°	198.0	208.9	219.7	226.0
57.5°	179.5	189.9	198.9	202.5
60°	163.3	171.9	177.7	181.8
62.5°	146.2	152.5	157.0	159.2
65°	129.5	134.0	136.2	138.5
67.5°	112.3	116.4	117.7	120.4
70°	94.3	98.8	99.7	101.0
72.5°	80.7	80.7	82.6	84.4
75°	64.5	65.4	66.3	66.3
77.5°	50.5	50.5	51.4	51.9
80°	37.0	37.4	37.4	37.0
82.5°	25.3	26.2	25.3	24.8
85°	14.0	15.8	14.9	14.9
87.5°	5.9	5.9	6.8	5.9
90°	8.9	6.3	3.8	1.2
92.5°	21.9	23.5	25.0	26.6
95°	38.9	49.4	59.9	70.4
97.5°	106.6	113.7	120.9	128.1
100°	210.5	205.4	200.2	195.1
102.5°	281.3	278.0	274.6	271.3
105°	352.5	349.6	346.8	344.0
107.5°	428.3	426.0	423.7	421.4
110°	504.8	502.8	500.7	498.7

TEST NUMBER: P1010882

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	578.0	576.2	574.4	572.6
115°	649.9	648.4	646.8	645.3
117.5°	722.3	720.5	718.7	716.9
120°	789.6	787.3	785.0	782.7
122.5°	855.0	853.2	851.4	849.6
125°	915.8	913.8	911.7	909.7
127.5°	975.8	973.8	971.7	969.7
130°	1031.2	1029.2	1027.1	1025.1
132.5°	1084.3	1082.3	1080.2	1078.2
135°	1137.1	1135.6	1134.0	1132.5
137.5°	1184.8	1182.7	1180.7	1178.6
140°	1229.4	1227.9	1226.3	1224.8
142.5°	1272.1	1270.6	1269.0	1267.5
145°	1312.1	1310.4	1308.6	1306.8
147.5°	1348.7	1347.4	1346.2	1344.9
150°	1381.8	1381.1	1380.3	1379.5
152.5°	1411.4	1411.2	1410.9	1410.7
155°	1438.0	1438.5	1439.0	1439.5
157.5°	1462.6	1462.6	1462.6	1462.6
160°	1482.6	1482.9	1483.1	1483.4
162.5°	1500.7	1501.4	1502.2	1503.0
165°	1515.7	1516.5	1517.2	1518.0
167.5°	1527.6	1528.7	1529.7	1530.7
170°	1538.0	1539.1	1540.1	1541.1
172.5°	1544.2	1545.5	1546.7	1548.0
175°	1549.9	1551.2	1552.5	1553.8
177.5°	1552.2	1553.5	1554.8	1556.1
180°	1553.8	1553.8	1553.8	1553.8

(END OF REPORT)