

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: P1030807

Luminaire Tested: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1030807
REPORT IS A COMBINATION OF REPORTS P991258 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K
Description: Define 3 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

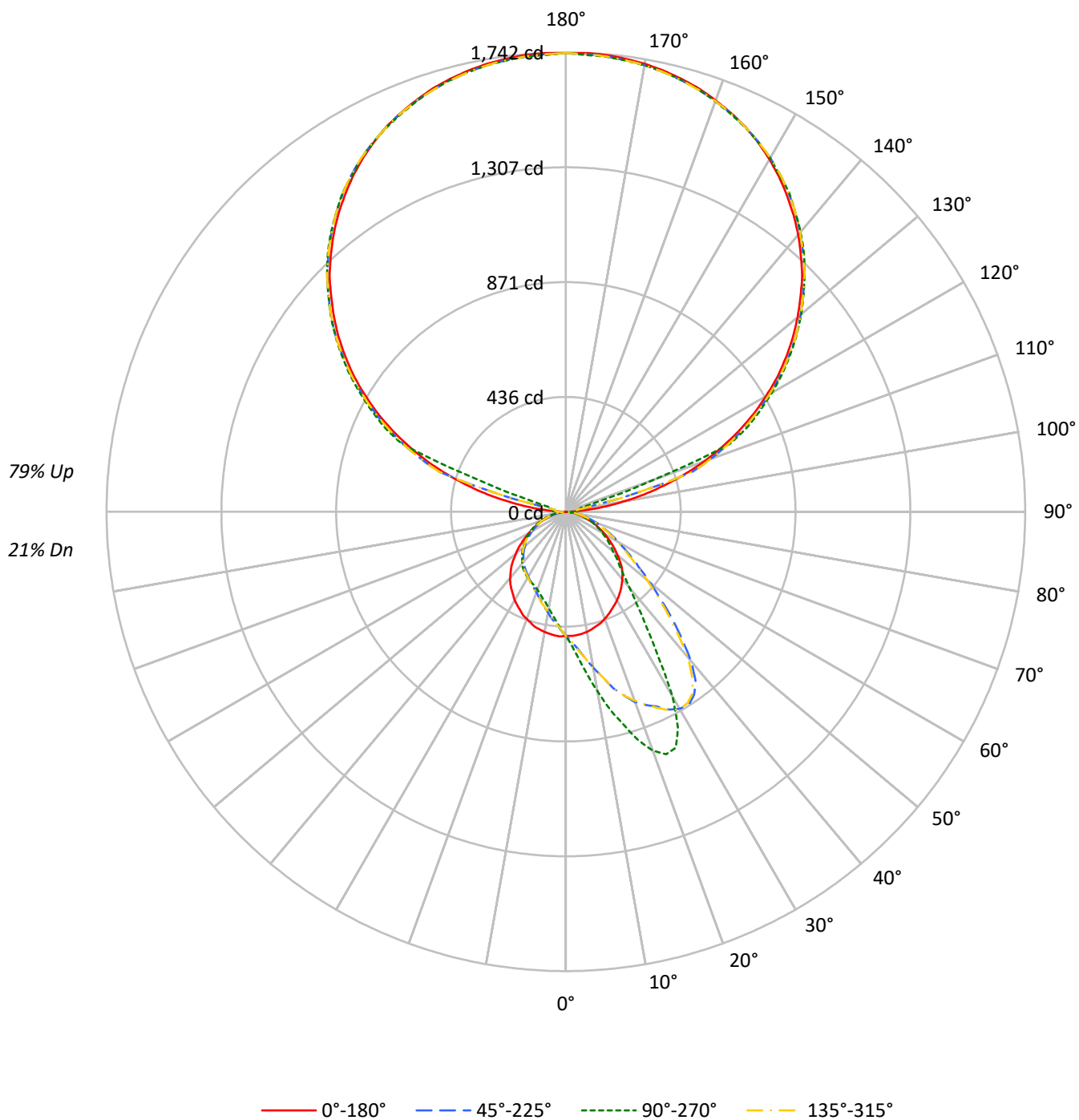
Lumens per Lamp: N/A
Luminaire Lumens: 6724.0 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.1
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	67	67	67	48	48	48	30	30	30	30	30	21
1	91	87	84	80	81	77	74	72	59	57	55	42	41	40	26	26	25	25	25	18
2	83	76	71	66	74	68	63	59	52	49	46	37	35	33	23	22	21	21	21	15
3	76	67	60	55	67	60	54	49	46	42	39	33	30	28	21	19	18	18	18	13
4	69	59	52	46	61	53	46	42	40	36	33	29	26	24	18	17	16	16	16	11
5	64	53	45	39	56	47	40	36	36	32	28	26	23	21	17	15	14	14	14	10
6	58	47	39	34	52	42	35	31	32	28	24	23	20	18	15	13	12	12	12	9
7	54	42	35	29	48	38	31	27	29	25	21	21	18	16	14	12	11	11	11	8
8	50	38	31	26	44	34	28	23	27	22	19	19	16	14	13	11	10	10	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	9	9	6
10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	11	9	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5061	5061	5061	5061
5°	5064	5831	5079	4352
10°	5032	7056	5037	3800
15°	4962	8368	5002	3421
20°	4903	9634	4913	3148
25°	4813	9878	4824	3005
30°	4750	8161	4750	2912
35°	4671	5458	4641	2829
40°	4577	3940	4521	2703
45°	4458	3121	4331	2547
50°	4171	2650	4023	2392
55°	3856	2329	3698	2220
60°	3535	2028	3347	2040
65°	3184	1736	3029	1799
70°	2818	1441	2630	1516
75°	2408	1086	2252	1171
80°	1906	726	1754	768
85°	1316	332	1047	304

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8162 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	0.7
10°-20°	148.5	2.2
20°-30°	249.9	3.7
30°-40°	282.4	4.2
40°-50°	252.9	3.8
50°-60°	204.2	3.0
60°-70°	142.3	2.1
70°-80°	74.7	1.1
80°-90°	21.4	0.3
90°-100°	61.3	0.9
100°-110°	296.5	4.4
110°-120°	726.6	10.8
120°-130°	922.4	13.7
130°-140°	985.3	14.7
140°-150°	921.4	13.7
150°-160°	743.2	11.1
160°-170°	479.6	7.1
170°-180°	165.3	2.5
0°-30°	444.6	6.6
0°-40°	727.0	10.8
0°-60°	1184.1	17.6
0°-90°	1422.5	21.2
90°-120°	1084.4	16.1
90°-150°	3913.4	58.2
90°-180°	5302.0	78.9
0°-180°	6724.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	470	470	470	470	470	
5°	470	558	471	417	470	45
15°	448	831	452	340	448	127
25°	410	987	411	300	410	189
35°	362	532	359	276	362	226
45°	300	287	292	234	300	230
55°	213	195	204	186	213	191
65°	132	127	125	131	132	131
75°	63	65	59	70	63	68
85°	14	15	11	14	14	16
90°	1	39	1	39	1	5
95°	79	49	79	49	79	94
105°	385	57	385	57	385	408
115°	722	760	722	760	722	713
125°	1018	1039	1018	1039	1018	910
135°	1267	1280	1267	1280	1267	976
145°	1462	1477	1462	1477	1462	916
155°	1611	1608	1611	1608	1611	742
165°	1699	1695	1699	1695	1699	480
175°	1739	1733	1739	1733	1739	166
180°	1739	1739	1739	1739	1739	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	471.5	475.2	477.0	479.7	482.5	486.6	487.9	490.2	489.3	491.1	492.0
5°	469.7	476.1	481.5	488.4	494.8	499.3	503.9	511.2	516.6	517.5	521.6
7.5°	466.5	475.6	485.2	494.8	507.1	514.3	522.5	532.6	540.8	554.0	559.0
10°	462.4	475.2	488.8	502.0	518.9	530.3	540.3	557.2	574.0	587.7	600.4
12.5°	456.0	472.0	489.7	509.3	531.2	544.4	558.1	580.4	605.9	626.9	640.5
15°	448.3	468.3	491.1	512.1	536.2	560.8	575.4	600.4	636.9	656.5	691.6
17.5°	441.9	462.4	485.2	518.0	550.8	575.4	585.9	631.9	656.9	689.7	729.4
20°	431.9	457.9	487.0	519.8	562.2	577.2	598.6	645.1	676.1	718.9	767.6
22.5°	421.4	449.2	484.3	518.4	565.8	581.8	610.9	647.8	697.0	739.4	793.2
25°	410.0	440.1	475.6	516.2	562.6	585.9	613.2	658.8	712.1	765.4	815.0
27.5°	398.6	431.4	468.3	508.9	554.0	581.3	608.6	656.0	724.4	782.2	845.5
30°	387.7	420.5	457.4	498.9	546.2	572.7	598.6	657.9	733.9	799.1	862.9
32.5°	375.8	409.6	448.3	482.9	530.7	559.0	588.1	657.9	739.9	809.1	867.4
35°	361.7	396.4	429.6	464.2	511.6	543.0	575.8	653.3	745.3	812.3	848.3
37.5°	348.1	378.6	407.3	441.0	490.7	524.4	562.2	647.8	742.6	798.6	808.6
40°	332.6	363.1	386.3	417.8	470.2	509.3	547.6	640.5	730.7	766.3	737.1
42.5°	317.5	341.7	361.7	392.3	449.2	487.5	528.9	627.3	707.5	714.8	649.2
45°	300.2	317.5	335.3	369.9	426.4	465.6	511.6	608.2	670.2	649.2	566.3
47.5°	277.9	293.4	313.0	344.9	402.3	442.8	486.6	583.6	615.9	572.2	481.5
50°	256.5	269.7	287.9	318.9	376.8	416.4	462.9	544.9	560.8	492.0	415.0
52.5°	235.1	245.1	262.9	293.8	351.7	390.0	432.3	505.2	496.1	422.3	354.0
55°	212.8	221.4	238.3	268.8	322.5	359.0	399.5	456.5	432.8	362.6	308.0
57.5°	190.9	200.0	217.3	242.8	293.4	328.9	361.3	405.9	370.4	314.3	266.1
60°	171.3	179.0	192.3	217.3	263.3	292.0	321.6	352.2	322.5	268.3	231.4
62.5°	150.8	158.1	170.4	193.2	232.8	258.3	282.0	307.1	274.3	234.6	201.8
65°	131.7	137.6	149.0	169.9	202.3	223.2	242.4	259.7	233.3	196.8	172.2
67.5°	114.3	119.4	128.9	147.6	174.9	190.0	205.5	220.0	197.7	168.6	147.6
70°	95.7	99.8	108.4	122.1	144.0	159.5	170.8	181.8	161.7	138.5	124.4
72.5°	79.3	83.4	88.8	103.0	118.0	127.6	139.9	145.8	134.4	115.3	101.1
75°	63.3	66.5	71.5	80.6	94.8	101.1	108.9	113.4	103.0	90.2	81.5
77.5°	49.7	51.0	54.7	61.0	70.6	77.9	83.8	86.6	79.3	71.1	63.8
80°	35.1	36.9	39.6	45.1	52.4	54.7	58.3	61.5	56.9	49.7	45.1
82.5°	23.2	25.5	26.9	29.2	33.7	36.4	37.4	40.1	36.0	33.3	31.4
85°	13.7	14.6	15.0	16.4	18.7	20.0	21.4	21.9	21.0	20.5	18.7
87.5°	6.8	6.8	6.8	7.7	8.2	9.1	9.6	9.6	9.6	9.1	8.7
90°	1.3	4.2	7.0	9.9	12.8	14.2	16.1	19.8	23.5	27.3	31.0
92.5°	29.7	28.0	26.3	24.6	22.9	22.0	23.3	25.9	28.4	31.0	33.6
95°	78.8	67.0	55.2	43.5	31.7	25.8	27.4	30.6	33.7	36.9	40.1
97.5°	143.4	135.4	127.3	119.3	111.2	107.2	99.9	85.2	70.6	55.9	41.3
100°	218.3	224.1	229.8	235.6	241.3	244.2	221.8	177.0	132.2	87.4	42.6
102.5°	303.6	307.3	311.1	314.8	318.5	320.4	295.4	245.5	195.5	145.6	95.6
105°	385.0	388.2	391.3	394.5	397.6	399.2	386.3	360.4	334.6	308.7	282.9
107.5°	471.6	474.2	476.8	479.3	481.9	483.2	485.4	489.7	494.0	498.3	502.6
110°	558.1	560.4	562.7	565.0	567.3	568.5	570.1	573.2	576.4	579.5	582.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	640.8	642.8	644.8	646.9	648.9	649.9	651.5	654.6	657.8	660.9	664.1
115°	722.2	723.9	725.7	727.4	729.1	730.0	731.3	733.9	736.4	739.0	741.6
117.5°	802.3	804.3	806.3	808.4	810.4	811.4	812.1	813.5	815.0	816.4	817.8
120°	876.0	878.6	881.2	883.7	886.3	887.6	888.0	888.9	889.8	890.6	891.5
122.5°	950.9	952.9	954.9	956.9	958.9	959.9	960.5	961.6	962.8	963.9	965.1
125°	1018.1	1020.4	1022.7	1025.0	1027.3	1028.4	1029.0	1030.1	1031.3	1032.4	1033.6
127.5°	1085.3	1087.6	1089.9	1092.2	1094.5	1095.6	1096.3	1097.8	1099.2	1100.7	1102.1
130°	1147.3	1149.6	1151.9	1154.2	1156.5	1157.6	1158.2	1159.3	1160.5	1161.6	1162.8
132.5°	1206.7	1209.0	1211.3	1213.6	1215.9	1217.1	1217.5	1218.4	1219.2	1220.1	1220.9
135°	1267.4	1269.1	1270.9	1272.6	1274.3	1275.2	1275.8	1276.9	1278.1	1279.2	1280.4
137.5°	1319.1	1321.4	1323.7	1326.0	1328.3	1329.5	1329.8	1330.3	1330.9	1331.4	1332.0
140°	1370.8	1372.5	1374.2	1375.9	1377.6	1378.5	1378.9	1379.8	1380.7	1381.5	1382.4
142.5°	1418.6	1420.3	1422.1	1423.8	1425.5	1426.4	1426.8	1427.7	1428.5	1429.4	1430.2
145°	1462.5	1464.5	1466.5	1468.6	1470.6	1471.6	1471.9	1472.5	1473.0	1473.6	1474.2
147.5°	1505.2	1506.6	1508.0	1509.5	1510.9	1511.6	1511.9	1512.5	1513.0	1513.6	1514.2
150°	1543.9	1544.8	1545.6	1546.5	1547.4	1547.8	1548.1	1548.7	1549.2	1549.8	1550.4
152.5°	1578.8	1579.1	1579.4	1579.7	1580.0	1580.1	1580.2	1580.5	1580.8	1581.1	1581.4
155°	1611.1	1610.5	1609.9	1609.4	1608.8	1608.5	1608.6	1608.9	1609.2	1609.5	1609.8
157.5°	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.8	1636.5	1636.2	1636.0	1635.7
160°	1660.2	1659.9	1659.6	1659.3	1659.0	1658.9	1658.8	1658.5	1658.2	1657.9	1657.6
162.5°	1682.2	1681.3	1680.5	1679.6	1678.7	1678.3	1678.2	1677.9	1677.6	1677.3	1677.0
165°	1699.0	1698.1	1697.3	1696.4	1695.5	1695.1	1695.0	1694.7	1694.4	1694.1	1693.8
167.5°	1713.2	1712.0	1710.9	1709.7	1708.6	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0
170°	1724.8	1723.6	1722.5	1721.3	1720.2	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6
172.5°	1732.6	1731.2	1729.7	1728.3	1726.8	1726.1	1726.2	1726.5	1726.8	1727.1	1727.4
175°	1739.0	1737.6	1736.2	1734.7	1733.3	1732.6	1732.7	1733.0	1733.3	1733.5	1733.8
177.5°	1741.6	1740.2	1738.7	1737.3	1735.8	1735.1	1735.2	1735.5	1735.8	1736.1	1736.4
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	495.2	496.1	499.3	501.6	506.1	505.7	505.7	505.2	503.9	506.1	507.5
5°	529.8	537.6	538.5	548.5	549.0	553.1	555.8	553.5	559.0	558.5	554.4
7.5°	572.7	583.1	588.1	597.7	608.6	605.9	616.4	618.2	617.3	621.9	625.0
10°	619.6	637.8	650.6	668.3	672.9	675.6	682.5	688.4	700.2	691.1	697.0
12.5°	673.3	686.6	703.4	731.7	745.8	754.9	758.1	762.2	770.4	765.4	765.8
15°	718.4	736.2	764.9	800.0	804.1	815.5	812.7	837.3	849.2	831.4	841.4
17.5°	765.4	789.1	823.2	853.7	871.1	878.8	886.1	909.8	908.9	906.1	908.4
20°	795.4	834.2	876.5	917.1	922.1	928.0	947.6	957.6	955.8	963.5	968.6
22.5°	837.8	878.8	923.9	950.8	962.2	969.0	984.5	990.9	993.6	995.4	992.2
25°	873.3	917.1	950.3	974.0	980.9	984.5	989.5	991.3	990.0	986.8	989.5
27.5°	897.5	932.6	955.3	966.3	962.6	956.7	947.1	940.8	926.6	919.8	928.0
30°	907.5	923.0	929.8	911.6	893.4	878.8	860.6	826.9	800.4	808.2	797.7
32.5°	891.6	881.5	848.7	801.8	787.7	764.0	712.5	672.9	674.3	653.3	662.0
35°	844.6	799.1	737.1	666.1	647.4	634.6	578.1	569.5	551.2	531.7	537.1
37.5°	761.7	695.2	620.0	567.6	539.9	512.1	480.2	461.0	450.1	441.9	448.3
40°	660.6	579.5	517.5	470.6	446.9	429.2	407.3	388.2	375.8	374.5	376.8
42.5°	561.3	492.9	436.0	391.3	383.6	362.6	348.5	333.5	329.8	323.9	327.1
45°	475.2	419.6	372.7	336.2	327.1	321.6	304.3	294.8	290.7	287.0	292.5
47.5°	412.8	354.4	320.3	298.4	289.3	280.2	270.6	264.2	261.0	261.5	261.0
50°	352.6	309.8	279.7	262.9	257.4	251.0	243.3	239.2	237.8	233.7	236.9
52.5°	303.4	272.4	251.5	235.5	231.4	226.9	220.5	218.2	215.0	214.1	214.1
55°	263.8	239.6	222.8	212.3	207.3	203.6	200.0	197.3	195.0	195.0	195.0
57.5°	232.8	211.8	199.5	190.4	188.6	185.0	180.9	180.9	177.7	177.2	178.6
60°	206.4	187.7	178.1	170.4	167.7	166.7	162.6	162.6	161.7	159.5	161.3
62.5°	179.5	165.8	157.6	151.7	149.0	149.0	145.8	143.5	143.5	144.0	143.1
65°	154.9	144.9	137.6	133.0	131.7	129.8	129.4	127.6	126.2	126.6	126.2
67.5°	133.0	125.3	120.3	116.6	114.3	113.4	112.1	112.1	111.2	111.6	109.3
70°	113.4	105.7	101.6	97.9	97.0	97.0	95.2	95.7	94.8	96.1	95.2
72.5°	93.4	87.5	84.3	82.9	82.0	81.5	80.6	79.7	79.3	80.2	79.7
75°	75.6	70.6	68.3	67.4	66.5	66.5	66.1	65.6	65.1	65.1	65.1
77.5°	58.8	55.6	52.8	53.8	52.4	52.8	51.5	51.5	51.9	51.5	51.5
80°	43.3	41.0	41.0	40.1	38.3	39.2	39.2	37.8	37.4	38.3	36.9
82.5°	28.7	28.2	27.3	26.9	26.0	26.4	26.0	25.5	25.1	26.0	25.1
85°	16.9	16.9	16.4	15.5	16.4	15.9	15.5	15.5	15.0	15.0	15.0
87.5°	8.7	7.7	7.7	7.3	7.7	6.8	7.3	6.8	6.4	6.8	6.4
90°	32.2	33.3	34.5	35.6	36.2	36.5	37.1	37.6	38.2	38.8	38.2
92.5°	35.6	37.6	39.6	41.6	42.6	42.7	43.0	43.3	43.6	43.9	43.6
95°	42.1	44.1	46.1	48.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
97.5°	43.6	45.9	48.2	50.5	51.7	51.8	52.1	52.4	52.7	53.0	52.7
100°	44.9	47.2	49.5	51.8	53.0	53.1	53.4	53.7	54.0	54.3	54.0
102.5°	86.1	76.7	67.2	57.7	53.0	53.3	53.9	54.4	55.0	55.6	55.0
105°	232.1	181.3	130.5	79.7	54.3	54.6	55.1	55.7	56.2	56.8	56.2
107.5°	458.4	414.2	369.9	325.7	303.6	284.8	247.2	209.6	172.0	134.4	172.0
110°	573.2	563.7	554.2	544.7	540.0	519.5	478.4	437.4	396.3	355.3	396.3

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	666.7	669.3	671.8	674.4	675.7	675.4	674.8	674.3	673.7	673.1	673.7
115°	744.5	747.3	750.2	753.1	754.5	755.1	756.2	757.4	758.5	759.7	758.5
117.5°	820.1	822.4	824.7	827.0	828.2	828.3	828.6	828.9	829.2	829.5	829.2
120°	893.8	896.1	898.4	900.7	901.8	901.8	901.8	901.8	901.8	901.8	901.8
122.5°	966.5	968.0	969.4	970.9	971.6	971.7	972.0	972.3	972.6	972.9	972.6
125°	1034.2	1034.8	1035.3	1035.9	1036.2	1036.5	1037.1	1037.6	1038.2	1038.8	1038.2
127.5°	1102.9	1103.8	1104.6	1105.5	1105.9	1105.6	1105.1	1104.5	1104.0	1103.4	1104.0
130°	1164.0	1165.1	1166.3	1167.4	1168.0	1167.7	1167.1	1166.6	1166.0	1165.4	1166.0
132.5°	1222.1	1223.2	1224.4	1225.5	1226.1	1225.7	1224.8	1223.9	1223.1	1222.2	1223.1
135°	1281.2	1282.1	1282.9	1283.8	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1281.2
137.5°	1333.4	1334.9	1336.3	1337.8	1338.5	1338.2	1337.6	1337.1	1336.5	1335.9	1336.5
140°	1383.6	1384.7	1385.9	1387.0	1387.6	1387.3	1386.7	1386.2	1385.6	1385.0	1385.6
142.5°	1431.1	1431.9	1432.8	1433.7	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1431.1
145°	1474.8	1475.3	1475.9	1476.4	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
147.5°	1514.8	1515.4	1515.9	1516.5	1516.8	1516.1	1514.6	1513.2	1511.7	1510.3	1511.7
150°	1551.0	1551.6	1552.1	1552.7	1553.0	1552.6	1551.7	1550.8	1550.0	1549.1	1550.0
152.5°	1582.6	1583.7	1584.9	1586.0	1586.6	1585.9	1584.4	1583.0	1581.5	1580.1	1581.5
155°	1611.2	1612.7	1614.1	1615.6	1616.3	1615.4	1613.7	1612.0	1610.2	1608.5	1610.2
157.5°	1637.4	1639.1	1640.8	1642.5	1643.4	1642.3	1640.0	1637.7	1635.4	1633.1	1635.4
160°	1659.3	1661.1	1662.8	1664.5	1665.4	1664.4	1662.4	1660.3	1658.3	1656.3	1658.3
162.5°	1679.0	1681.0	1683.0	1685.0	1686.0	1685.1	1683.4	1681.7	1680.0	1678.3	1680.0
165°	1696.1	1698.4	1700.7	1703.0	1704.1	1703.1	1701.1	1699.1	1697.1	1695.1	1697.1
167.5°	1710.3	1712.6	1714.9	1717.2	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1710.3
170°	1721.9	1724.2	1726.5	1728.8	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1721.9
172.5°	1729.7	1732.0	1734.3	1736.6	1737.7	1736.4	1733.8	1731.3	1728.7	1726.1	1728.7
175°	1735.8	1737.8	1739.9	1741.9	1742.9	1741.8	1739.5	1737.2	1734.9	1732.6	1734.9
177.5°	1738.7	1741.0	1743.3	1745.6	1746.8	1745.4	1742.5	1739.6	1736.7	1733.8	1736.7
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

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CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	503.9	505.2	501.6	500.7	500.7	502.5	501.1	488.8	491.1	488.4	487.5
5°	559.4	556.7	553.1	551.2	549.0	542.6	542.1	528.0	525.3	516.2	512.1
7.5°	620.5	618.2	607.3	605.9	605.0	599.1	584.0	569.0	558.1	547.6	537.6
10°	690.2	683.4	678.4	668.3	663.3	655.1	635.5	621.4	602.7	586.8	565.8
12.5°	774.0	766.3	749.4	742.1	735.8	713.0	693.4	677.4	641.0	630.1	604.1
15°	835.5	819.1	817.3	801.4	800.4	775.4	738.0	720.7	692.5	652.4	625.5
17.5°	902.0	887.5	876.1	856.9	854.2	830.5	803.2	760.8	729.8	691.6	657.4
20°	950.8	943.0	923.5	915.7	899.8	879.7	851.5	799.1	761.3	723.0	681.1
22.5°	989.5	981.8	966.3	955.8	946.7	920.7	887.0	842.4	790.4	740.3	697.0
25°	989.1	986.8	980.4	975.4	968.6	949.4	921.2	878.3	820.5	765.4	705.2
27.5°	933.0	939.4	950.3	955.8	954.4	951.7	935.8	899.8	847.8	782.2	714.8
30°	816.4	839.6	860.1	887.5	895.7	915.7	924.8	904.3	862.9	801.8	727.1
32.5°	677.0	710.7	755.3	770.4	796.3	835.1	878.3	886.1	860.1	813.2	734.8
35°	555.3	583.1	617.8	641.5	664.7	727.6	782.2	829.6	838.3	807.3	733.0
37.5°	459.7	479.3	509.8	529.8	551.2	605.0	681.5	743.0	786.3	787.2	728.0
40°	390.4	399.1	425.5	440.1	460.6	507.1	575.4	655.6	718.9	748.1	714.8
42.5°	330.7	342.1	364.0	374.9	388.2	428.7	473.8	549.9	628.2	690.7	690.2
45°	295.2	303.4	313.4	322.5	337.6	361.7	413.2	470.2	545.3	615.9	643.7
47.5°	263.8	271.5	281.5	284.3	294.3	317.1	348.5	398.2	468.3	538.5	590.9
50°	237.4	243.7	250.6	255.6	260.1	278.8	302.5	344.4	400.5	468.3	533.5
52.5°	216.9	221.4	227.3	230.1	234.2	247.8	266.1	297.0	343.0	405.0	468.3
55°	197.7	200.9	204.6	209.1	210.9	221.0	235.1	261.5	295.7	351.2	411.4
57.5°	180.0	181.3	183.6	186.3	188.6	197.3	209.6	227.3	257.4	300.2	357.2
60°	159.9	163.6	164.9	167.7	169.0	175.9	185.4	200.5	223.7	260.6	303.4
62.5°	143.1	145.3	147.6	149.0	152.2	154.4	162.2	175.9	195.0	222.3	261.0
65°	128.0	128.9	130.3	131.7	132.6	135.3	142.6	151.7	166.3	190.4	220.5
67.5°	110.7	111.6	113.4	113.9	114.8	118.4	122.5	130.3	142.6	160.8	185.4
70°	93.8	95.2	96.1	97.0	98.4	99.8	104.3	110.7	120.3	133.0	152.2
72.5°	79.3	80.6	80.6	81.5	81.1	82.9	87.5	92.0	98.4	108.9	125.7
75°	64.7	64.7	65.6	66.1	66.5	68.3	70.2	73.8	78.8	87.0	97.5
77.5°	51.0	50.6	51.5	51.5	51.5	52.8	54.7	56.5	59.7	65.6	73.8
80°	37.4	37.4	38.3	38.7	37.8	38.3	39.2	41.0	43.3	47.4	51.9
82.5°	24.6	26.4	26.0	26.4	26.0	26.9	27.3	27.8	28.7	30.5	33.7
85°	15.0	15.0	15.0	15.5	15.0	15.5	15.5	15.5	15.9	16.9	18.2
87.5°	6.4	6.4	6.4	6.8	6.4	6.4	6.8	6.4	6.8	6.8	7.3
90°	37.6	37.1	36.5	36.2	35.6	34.5	33.3	32.2	31.0	27.3	23.5
92.5°	43.3	43.0	42.7	42.6	41.6	39.6	37.6	35.6	33.6	31.0	28.4
95°	49.1	49.1	49.1	49.1	48.1	46.1	44.1	42.1	40.1	36.9	33.7
97.5°	52.4	52.1	51.8	51.7	50.5	48.2	45.9	43.6	41.3	55.9	70.6
100°	53.7	53.4	53.1	53.0	51.8	49.5	47.2	44.9	42.6	87.4	132.2
102.5°	54.4	53.9	53.3	53.0	57.7	67.2	76.7	86.1	95.6	145.6	195.5
105°	55.7	55.1	54.6	54.3	79.7	130.5	181.3	232.1	282.9	308.7	334.6
107.5°	209.6	247.2	284.8	303.6	325.7	369.9	414.2	458.4	502.6	498.3	494.0
110°	437.4	478.4	519.5	540.0	544.7	554.2	563.7	573.2	582.7	579.5	576.4

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CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	674.3	674.8	675.4	675.7	674.4	671.8	669.3	666.7	664.1	660.9	657.8
115°	757.4	756.2	755.1	754.5	753.1	750.2	747.3	744.5	741.6	739.0	736.4
117.5°	828.9	828.6	828.3	828.2	827.0	824.7	822.4	820.1	817.8	816.4	815.0
120°	901.8	901.8	901.8	901.8	900.7	898.4	896.1	893.8	891.5	890.6	889.8
122.5°	972.3	972.0	971.7	971.6	970.9	969.4	968.0	966.5	965.1	963.9	962.8
125°	1037.6	1037.1	1036.5	1036.2	1035.9	1035.3	1034.8	1034.2	1033.6	1032.4	1031.3
127.5°	1104.5	1105.1	1105.6	1105.9	1105.5	1104.6	1103.8	1102.9	1102.1	1100.7	1099.2
130°	1166.6	1167.1	1167.7	1168.0	1167.4	1166.3	1165.1	1164.0	1162.8	1161.6	1160.5
132.5°	1223.9	1224.8	1225.7	1226.1	1225.5	1224.4	1223.2	1222.1	1220.9	1220.1	1219.2
135°	1282.1	1282.9	1283.8	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1279.2	1278.1
137.5°	1337.1	1337.6	1338.2	1338.5	1337.8	1336.3	1334.9	1333.4	1332.0	1331.4	1330.9
140°	1386.2	1386.7	1387.3	1387.6	1387.0	1385.9	1384.7	1383.6	1382.4	1381.5	1380.7
142.5°	1431.9	1432.8	1433.7	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1429.4	1428.5
145°	1476.7	1476.7	1476.7	1476.7	1476.4	1475.9	1475.3	1474.8	1474.2	1473.6	1473.0
147.5°	1513.2	1514.6	1516.1	1516.8	1516.5	1515.9	1515.4	1514.8	1514.2	1513.6	1513.0
150°	1550.8	1551.7	1552.6	1553.0	1552.7	1552.1	1551.6	1551.0	1550.4	1549.8	1549.2
152.5°	1583.0	1584.4	1585.9	1586.6	1586.0	1584.9	1583.7	1582.6	1581.4	1581.1	1580.8
155°	1612.0	1613.7	1615.4	1616.3	1615.6	1614.1	1612.7	1611.2	1609.8	1609.5	1609.2
157.5°	1637.7	1640.0	1642.3	1643.4	1642.5	1640.8	1639.1	1637.4	1635.7	1636.0	1636.2
160°	1660.3	1662.4	1664.4	1665.4	1664.5	1662.8	1661.1	1659.3	1657.6	1657.9	1658.2
162.5°	1681.7	1683.4	1685.1	1686.0	1685.0	1683.0	1681.0	1679.0	1677.0	1677.3	1677.6
165°	1699.1	1701.1	1703.1	1704.1	1703.0	1700.7	1698.4	1696.1	1693.8	1694.1	1694.4
167.5°	1712.6	1714.9	1717.2	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1708.0	1708.0
170°	1724.2	1726.5	1728.8	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1719.6	1719.6
172.5°	1731.3	1733.8	1736.4	1737.7	1736.6	1734.3	1732.0	1729.7	1727.4	1727.1	1726.8
175°	1737.2	1739.5	1741.8	1742.9	1741.9	1739.9	1737.8	1735.8	1733.8	1733.5	1733.3
177.5°	1739.6	1742.5	1745.4	1746.8	1745.6	1743.3	1741.0	1738.7	1736.4	1736.1	1735.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	482.9	481.5	481.5	480.6	477.9	472.9	472.4	473.3	470.6	467.9	463.8
5°	506.6	497.9	495.2	492.5	487.0	477.9	474.3	471.1	466.1	460.1	453.8
7.5°	526.6	514.3	510.7	505.7	494.8	482.0	473.8	467.0	460.1	451.9	444.2
10°	551.7	533.9	525.3	518.0	503.0	485.2	472.9	462.9	451.9	441.9	431.9
12.5°	579.9	551.2	548.5	530.7	513.4	487.0	472.0	457.4	442.8	430.5	420.0
15°	603.6	572.2	560.8	549.0	515.7	482.9	468.3	451.9	435.1	421.9	406.4
17.5°	618.7	592.7	568.6	552.6	518.0	488.8	460.6	441.9	424.1	405.9	393.2
20°	636.9	599.1	578.1	556.7	522.5	484.3	456.0	432.8	410.9	394.5	379.0
22.5°	655.1	604.1	586.8	563.5	523.5	479.7	447.8	424.6	399.5	383.1	366.3
25°	653.3	611.4	582.7	563.1	514.3	475.6	438.3	410.9	387.7	366.7	349.9
27.5°	654.7	603.2	574.0	551.2	508.0	469.7	428.2	399.5	375.4	353.5	335.8
30°	655.1	590.9	565.4	538.0	496.1	455.6	416.9	387.7	362.2	338.5	322.5
32.5°	653.8	580.9	549.0	524.4	477.4	441.9	403.6	372.7	346.7	324.8	309.8
35°	650.6	569.0	532.1	501.1	458.3	422.3	391.3	359.4	331.7	311.6	294.3
37.5°	641.9	556.3	514.3	483.8	436.0	399.5	372.2	345.8	318.9	295.2	280.6
40°	635.5	538.9	496.6	463.3	411.8	376.3	353.5	328.5	302.0	280.6	266.5
42.5°	620.9	522.5	478.4	438.7	388.2	351.7	330.3	310.2	287.5	266.5	253.8
45°	597.3	504.8	456.0	415.9	362.2	327.6	308.0	291.6	271.5	251.5	238.7
47.5°	564.0	479.3	432.3	392.3	336.7	301.6	282.0	269.7	253.8	236.9	226.0
50°	528.0	451.5	408.2	368.6	312.1	277.9	258.8	247.4	236.9	221.4	210.9
52.5°	481.1	421.9	380.4	342.6	285.6	252.8	236.0	227.8	216.9	205.9	196.8
55°	435.5	383.6	349.4	313.4	259.7	229.2	212.8	204.1	197.7	188.6	181.3
57.5°	382.7	348.1	316.6	283.8	235.5	207.7	192.3	181.8	177.7	173.6	166.7
60°	333.9	307.5	282.0	254.7	210.5	185.4	170.4	162.2	158.1	155.4	150.8
62.5°	289.3	268.8	246.9	225.1	185.0	162.2	150.8	142.6	139.0	138.5	134.4
65°	246.5	231.9	214.1	192.7	161.3	141.2	130.3	125.3	121.2	121.2	118.0
67.5°	203.6	193.6	179.5	164.5	139.9	121.2	111.2	106.6	104.3	104.3	102.0
70°	169.5	162.6	149.9	136.7	115.3	101.1	93.4	89.3	87.9	88.4	86.6
72.5°	137.6	130.3	119.8	110.2	94.3	83.8	78.4	73.8	71.5	72.0	71.5
75°	106.6	103.0	93.8	86.6	73.8	66.5	61.5	59.2	57.4	57.9	56.9
77.5°	80.2	74.7	69.7	64.7	56.9	51.0	46.9	44.6	43.3	43.3	43.3
80°	54.7	53.8	49.7	46.9	40.5	36.0	32.8	32.3	31.0	31.0	31.0
82.5°	35.5	33.3	31.0	29.2	25.5	22.8	21.4	20.5	20.0	19.6	20.5
85°	19.6	18.2	17.3	15.5	14.1	12.8	11.4	10.9	10.5	10.9	10.5
87.5°	7.7	6.4	6.4	5.9	5.5	5.0	5.0	4.1	4.1	3.6	3.6
90°	19.8	16.1	14.2	12.8	9.9	7.0	4.2	1.3	4.2	7.0	9.9
92.5°	25.9	23.3	22.0	22.9	24.6	26.3	28.0	29.7	28.0	26.3	24.6
95°	30.6	27.4	25.8	31.7	43.5	55.2	67.0	78.8	67.0	55.2	43.5
97.5°	85.2	99.9	107.2	111.2	119.3	127.3	135.4	143.4	135.4	127.3	119.3
100°	177.0	221.8	244.2	241.3	235.6	229.8	224.1	218.3	224.1	229.8	235.6
102.5°	245.5	295.4	320.4	318.5	314.8	311.1	307.3	303.6	307.3	311.1	314.8
105°	360.4	386.3	399.2	397.6	394.5	391.3	388.2	385.0	388.2	391.3	394.5
107.5°	489.7	485.4	483.2	481.9	479.3	476.8	474.2	471.6	474.2	476.8	479.3
110°	573.2	570.1	568.5	567.3	565.0	562.7	560.4	558.1	560.4	562.7	565.0

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	654.6	651.5	649.9	648.9	646.9	644.8	642.8	640.8	642.8	644.8	646.9
115°	733.9	731.3	730.0	729.1	727.4	725.7	723.9	722.2	723.9	725.7	727.4
117.5°	813.5	812.1	811.4	810.4	808.4	806.3	804.3	802.3	804.3	806.3	808.4
120°	888.9	888.0	887.6	886.3	883.7	881.2	878.6	876.0	878.6	881.2	883.7
122.5°	961.6	960.5	959.9	958.9	956.9	954.9	952.9	950.9	952.9	954.9	956.9
125°	1030.1	1029.0	1028.4	1027.3	1025.0	1022.7	1020.4	1018.1	1020.4	1022.7	1025.0
127.5°	1097.8	1096.3	1095.6	1094.5	1092.2	1089.9	1087.6	1085.3	1087.6	1089.9	1092.2
130°	1159.3	1158.2	1157.6	1156.5	1154.2	1151.9	1149.6	1147.3	1149.6	1151.9	1154.2
132.5°	1218.4	1217.5	1217.1	1215.9	1213.6	1211.3	1209.0	1206.7	1209.0	1211.3	1213.6
135°	1276.9	1275.8	1275.2	1274.3	1272.6	1270.9	1269.1	1267.4	1269.1	1270.9	1272.6
137.5°	1330.3	1329.8	1329.5	1328.3	1326.0	1323.7	1321.4	1319.1	1321.4	1323.7	1326.0
140°	1379.8	1378.9	1378.5	1377.6	1375.9	1374.2	1372.5	1370.8	1372.5	1374.2	1375.9
142.5°	1427.7	1426.8	1426.4	1425.5	1423.8	1422.1	1420.3	1418.6	1420.3	1422.1	1423.8
145°	1472.5	1471.9	1471.6	1470.6	1468.6	1466.5	1464.5	1462.5	1464.5	1466.5	1468.6
147.5°	1512.5	1511.9	1511.6	1510.9	1509.5	1508.0	1506.6	1505.2	1506.6	1508.0	1509.5
150°	1548.7	1548.1	1547.8	1547.4	1546.5	1545.6	1544.8	1543.9	1544.8	1545.6	1546.5
152.5°	1580.5	1580.2	1580.1	1580.0	1579.7	1579.4	1579.1	1578.8	1579.1	1579.4	1579.7
155°	1608.9	1608.6	1608.5	1608.8	1609.4	1609.9	1610.5	1611.1	1610.5	1609.9	1609.4
157.5°	1636.5	1636.8	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9
160°	1658.5	1658.8	1658.9	1659.0	1659.3	1659.6	1659.9	1660.2	1659.9	1659.6	1659.3
162.5°	1677.9	1678.2	1678.3	1678.7	1679.6	1680.5	1681.3	1682.2	1681.3	1680.5	1679.6
165°	1694.7	1695.0	1695.1	1695.5	1696.4	1697.3	1698.1	1699.0	1698.1	1697.3	1696.4
167.5°	1708.0	1708.0	1708.0	1708.6	1709.7	1710.9	1712.0	1713.2	1712.0	1710.9	1709.7
170°	1719.6	1719.6	1719.6	1720.2	1721.3	1722.5	1723.6	1724.8	1723.6	1722.5	1721.3
172.5°	1726.5	1726.2	1726.1	1726.8	1728.3	1729.7	1731.2	1732.6	1731.2	1729.7	1728.3
175°	1733.0	1732.7	1732.6	1733.3	1734.7	1736.2	1737.6	1739.0	1737.6	1736.2	1734.7
177.5°	1735.5	1735.2	1735.1	1735.8	1737.3	1738.7	1740.2	1741.6	1740.2	1738.7	1737.3
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	462.9	462.4	463.3	460.6	456.0	453.8	447.4	446.0	445.6	446.0	446.5
5°	450.1	449.7	448.3	443.7	438.3	434.2	426.4	426.0	423.2	420.5	421.9
7.5°	437.8	436.0	433.3	427.3	420.0	415.5	409.1	404.6	400.9	398.6	396.8
10°	425.5	422.8	420.0	412.3	403.2	396.4	388.6	385.0	380.9	379.0	377.2
12.5°	409.6	406.8	401.8	392.7	387.2	378.6	370.8	367.2	364.9	361.3	359.0
15°	396.8	391.3	388.6	379.0	367.6	366.7	352.6	351.7	347.1	347.1	343.5
17.5°	382.2	378.1	373.1	363.5	355.3	347.1	339.9	337.1	333.0	332.1	330.3
20°	368.1	362.6	360.8	351.2	342.6	332.6	324.8	322.1	320.3	318.4	319.8
22.5°	353.5	349.0	344.4	335.8	329.4	319.4	314.8	312.1	309.3	308.4	308.9
25°	339.4	335.3	330.7	322.1	315.3	307.1	303.0	301.6	300.2	300.2	299.8
27.5°	325.7	321.6	317.5	309.8	303.0	297.0	293.8	292.5	291.1	292.0	292.9
30°	311.6	308.0	304.3	297.5	292.0	286.6	284.7	283.8	283.4	285.6	285.6
32.5°	298.9	295.7	292.9	286.6	281.1	276.5	275.2	275.6	276.1	277.4	278.4
35°	285.6	283.4	280.6	275.2	270.6	266.5	267.0	267.0	267.9	270.2	272.0
37.5°	273.8	270.6	268.3	263.8	260.1	256.5	257.9	259.2	260.1	262.9	263.8
40°	259.7	258.3	256.5	251.9	248.7	248.3	248.7	249.7	251.5	252.8	254.2
42.5°	248.3	246.5	244.2	240.5	237.8	238.3	238.7	239.6	240.5	242.8	244.2
45°	235.5	234.2	232.3	229.2	226.9	227.3	227.8	227.8	228.7	231.4	232.3
47.5°	221.4	221.9	219.6	216.4	215.0	215.0	215.0	215.9	218.2	219.1	219.6
50°	207.7	206.8	206.4	203.2	202.3	201.8	202.3	202.7	205.9	205.5	206.8
52.5°	193.2	193.2	192.7	190.9	189.5	189.5	188.6	190.9	191.8	192.7	194.1
55°	179.0	177.7	177.2	176.3	174.5	174.0	174.9	177.7	178.6	179.5	180.9
57.5°	163.6	163.6	162.6	161.3	161.3	161.3	161.3	163.1	164.5	165.4	168.1
60°	149.4	147.6	146.2	146.2	146.2	145.8	148.5	148.5	151.3	151.7	152.6
62.5°	132.6	131.7	130.8	131.2	130.8	131.7	132.6	134.4	134.9	136.2	137.6
65°	116.6	116.6	115.7	118.4	116.6	116.6	118.9	118.9	119.8	121.2	123.0
67.5°	101.1	101.6	100.7	100.7	101.6	102.0	102.5	104.3	104.8	106.6	108.9
70°	85.2	86.1	86.6	85.6	86.6	87.5	88.4	88.8	90.7	91.6	92.9
72.5°	71.1	72.0	70.6	71.1	71.5	72.4	72.9	73.8	74.7	77.4	78.4
75°	56.9	56.5	56.0	57.9	56.9	58.8	59.2	59.2	60.1	62.4	63.3
77.5°	43.7	43.7	44.2	43.3	44.6	44.2	44.6	46.0	47.4	47.4	51.0
80°	30.5	31.4	31.4	31.4	31.9	32.3	31.4	33.7	34.2	34.2	35.5
82.5°	19.6	20.0	19.6	20.5	20.5	21.4	21.0	21.4	22.3	23.2	23.7
85°	10.5	10.5	11.4	11.4	10.9	11.4	10.9	11.4	12.3	12.3	12.8
87.5°	3.6	3.6	3.6	3.6	4.1	3.6	4.1	4.1	3.6	3.6	5.0
90°	12.8	14.2	16.1	19.8	23.5	27.3	31.0	32.2	33.3	34.5	35.6
92.5°	22.9	22.0	23.3	25.9	28.4	31.0	33.6	35.6	37.6	39.6	41.6
95°	31.7	25.8	27.4	30.6	33.7	36.9	40.1	42.1	44.1	46.1	48.1
97.5°	111.2	107.2	99.9	85.2	70.6	55.9	41.3	43.6	45.9	48.2	50.5
100°	241.3	244.2	221.8	177.0	132.2	87.4	42.6	44.9	47.2	49.5	51.8
102.5°	318.5	320.4	295.4	245.5	195.5	145.6	95.6	86.1	76.7	67.2	57.7
105°	397.6	399.2	386.3	360.4	334.6	308.7	282.9	232.1	181.3	130.5	79.7
107.5°	481.9	483.2	485.4	489.7	494.0	498.3	502.6	458.4	414.2	369.9	325.7
110°	567.3	568.5	570.1	573.2	576.4	579.5	582.7	573.2	563.7	554.2	544.7

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CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	648.9	649.9	651.5	654.6	657.8	660.9	664.1	666.7	669.3	671.8	674.4
115°	729.1	730.0	731.3	733.9	736.4	739.0	741.6	744.5	747.3	750.2	753.1
117.5°	810.4	811.4	812.1	813.5	815.0	816.4	817.8	820.1	822.4	824.7	827.0
120°	886.3	887.6	888.0	888.9	889.8	890.6	891.5	893.8	896.1	898.4	900.7
122.5°	958.9	959.9	960.5	961.6	962.8	963.9	965.1	966.5	968.0	969.4	970.9
125°	1027.3	1028.4	1029.0	1030.1	1031.3	1032.4	1033.6	1034.2	1034.8	1035.3	1035.9
127.5°	1094.5	1095.6	1096.3	1097.8	1099.2	1100.7	1102.1	1102.9	1103.8	1104.6	1105.5
130°	1156.5	1157.6	1158.2	1159.3	1160.5	1161.6	1162.8	1164.0	1165.1	1166.3	1167.4
132.5°	1215.9	1217.1	1217.5	1218.4	1219.2	1220.1	1220.9	1222.1	1223.2	1224.4	1225.5
135°	1274.3	1275.2	1275.8	1276.9	1278.1	1279.2	1280.4	1281.2	1282.1	1282.9	1283.8
137.5°	1328.3	1329.5	1329.8	1330.3	1330.9	1331.4	1332.0	1333.4	1334.9	1336.3	1337.8
140°	1377.6	1378.5	1378.9	1379.8	1380.7	1381.5	1382.4	1383.6	1384.7	1385.9	1387.0
142.5°	1425.5	1426.4	1426.8	1427.7	1428.5	1429.4	1430.2	1431.1	1431.9	1432.8	1433.7
145°	1470.6	1471.6	1471.9	1472.5	1473.0	1473.6	1474.2	1474.8	1475.3	1475.9	1476.4
147.5°	1510.9	1511.6	1511.9	1512.5	1513.0	1513.6	1514.2	1514.8	1515.4	1515.9	1516.5
150°	1547.4	1547.8	1548.1	1548.7	1549.2	1549.8	1550.4	1551.0	1551.6	1552.1	1552.7
152.5°	1580.0	1580.1	1580.2	1580.5	1580.8	1581.1	1581.4	1582.6	1583.7	1584.9	1586.0
155°	1608.8	1608.5	1608.6	1608.9	1609.2	1609.5	1609.8	1611.2	1612.7	1614.1	1615.6
157.5°	1636.9	1636.9	1636.8	1636.5	1636.2	1636.0	1635.7	1637.4	1639.1	1640.8	1642.5
160°	1659.0	1658.9	1658.8	1658.5	1658.2	1657.9	1657.6	1659.3	1661.1	1662.8	1664.5
162.5°	1678.7	1678.3	1678.2	1677.9	1677.6	1677.3	1677.0	1679.0	1681.0	1683.0	1685.0
165°	1695.5	1695.1	1695.0	1694.7	1694.4	1694.1	1693.8	1696.1	1698.4	1700.7	1703.0
167.5°	1708.6	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0	1710.3	1712.6	1714.9	1717.2
170°	1720.2	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6	1721.9	1724.2	1726.5	1728.8
172.5°	1726.8	1726.1	1726.2	1726.5	1726.8	1727.1	1727.4	1729.7	1732.0	1734.3	1736.6
175°	1733.3	1732.6	1732.7	1733.0	1733.3	1733.5	1733.8	1735.8	1737.8	1739.9	1741.9
177.5°	1735.8	1735.1	1735.2	1735.5	1735.8	1736.1	1736.4	1738.7	1741.0	1743.3	1745.6
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	446.0	446.5	444.6	443.3	446.9	444.6	444.6	445.1	444.2	445.6	445.1
5°	421.0	421.4	418.2	419.1	417.3	416.9	416.4	419.1	418.7	418.2	419.1
7.5°	396.4	396.4	395.0	394.1	394.1	392.7	394.5	394.1	395.0	395.0	396.4
10°	375.8	376.8	374.5	372.2	371.7	372.2	372.2	372.7	373.1	376.3	375.8
12.5°	359.0	357.6	357.2	355.8	353.5	352.6	351.7	356.7	355.3	355.3	355.3
15°	340.3	343.5	343.0	338.9	338.0	339.9	338.9	338.9	343.5	343.0	342.6
17.5°	330.3	329.4	328.5	326.2	326.6	326.2	326.6	326.6	329.4	329.4	329.4
20°	318.9	317.1	317.1	316.2	316.2	314.8	316.6	317.1	318.9	318.9	319.4
22.5°	308.9	307.5	307.5	307.1	308.0	306.1	308.0	308.4	308.4	309.8	309.8
25°	300.2	299.3	299.3	300.2	300.2	300.2	300.2	302.0	300.7	301.1	300.7
27.5°	292.5	292.9	293.4	293.8	293.4	293.8	294.3	295.2	295.7	295.2	294.3
30°	285.2	286.6	287.0	287.0	287.9	288.4	288.8	288.8	289.3	287.9	288.8
32.5°	279.7	279.7	280.6	281.1	282.0	282.5	282.5	283.4	282.9	281.5	282.0
35°	272.0	272.0	273.8	274.7	276.1	275.6	276.1	276.1	276.5	275.6	274.3
37.5°	264.2	265.1	265.1	267.0	267.4	267.9	267.4	268.3	267.9	267.0	266.5
40°	255.1	254.7	255.1	256.5	256.9	256.9	256.9	257.9	257.9	257.9	257.4
42.5°	243.7	245.1	244.6	246.0	245.6	245.6	246.5	247.4	247.8	246.5	246.9
45°	232.8	232.8	233.7	233.7	234.2	234.2	236.0	235.1	236.0	235.1	235.5
47.5°	221.0	221.4	221.4	221.9	222.8	223.7	222.8	223.2	223.2	223.7	222.8
50°	207.7	207.7	208.7	210.0	211.8	210.9	210.5	212.3	210.9	210.9	210.0
52.5°	194.1	195.4	195.9	197.3	198.6	199.1	199.5	198.6	199.1	197.7	198.2
55°	180.9	181.3	183.1	184.5	185.9	185.9	185.4	185.9	186.3	184.5	184.5
57.5°	167.7	169.0	170.8	170.8	172.7	172.7	172.2	172.2	172.7	171.3	170.8
60°	153.5	154.9	157.2	157.2	159.9	160.4	159.5	158.5	158.5	157.2	157.6
62.5°	138.5	139.9	141.2	143.5	145.3	144.4	146.2	144.4	144.9	142.1	142.1
65°	125.3	125.7	128.0	130.3	130.3	131.2	130.3	130.8	129.4	129.4	127.6
67.5°	109.8	109.8	112.1	114.3	116.6	116.6	116.6	115.3	115.3	113.9	113.9
70°	96.1	95.7	97.9	99.3	100.7	101.1	100.2	99.8	98.9	97.5	97.0
72.5°	79.3	80.2	82.5	83.4	85.6	85.2	87.5	84.7	84.7	82.5	82.0
75°	64.2	65.1	67.4	68.8	70.2	70.2	71.5	70.2	68.3	67.4	67.0
77.5°	51.0	50.6	52.4	54.7	55.1	54.7	55.6	55.1	53.3	53.3	52.4
80°	36.4	37.8	39.6	39.2	41.0	40.5	40.5	39.6	39.6	38.3	39.2
82.5°	24.1	25.5	26.0	25.5	26.0	26.9	27.3	26.9	26.9	26.0	26.4
85°	12.8	12.8	13.7	14.1	13.7	13.7	14.1	15.5	14.6	13.7	14.6
87.5°	4.1	3.6	3.6	4.1	3.6	3.6	4.1	4.1	4.6	4.6	4.6
90°	36.2	36.5	37.1	37.6	38.2	38.8	38.2	37.6	37.1	36.5	36.2
92.5°	42.6	42.7	43.0	43.3	43.6	43.9	43.6	43.3	43.0	42.7	42.6
95°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
97.5°	51.7	51.8	52.1	52.4	52.7	53.0	52.7	52.4	52.1	51.8	51.7
100°	53.0	53.1	53.4	53.7	54.0	54.3	54.0	53.7	53.4	53.1	53.0
102.5°	53.0	53.3	53.9	54.4	55.0	55.6	55.0	54.4	53.9	53.3	53.0
105°	54.3	54.6	55.1	55.7	56.2	56.8	56.2	55.7	55.1	54.6	54.3
107.5°	303.6	284.8	247.2	209.6	172.0	134.4	172.0	209.6	247.2	284.8	303.6
110°	540.0	519.5	478.4	437.4	396.3	355.3	396.3	437.4	478.4	519.5	540.0

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	675.7	675.4	674.8	674.3	673.7	673.1	673.7	674.3	674.8	675.4	675.7
115°	754.5	755.1	756.2	757.4	758.5	759.7	758.5	757.4	756.2	755.1	754.5
117.5°	828.2	828.3	828.6	828.9	829.2	829.5	829.2	828.9	828.6	828.3	828.2
120°	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8
122.5°	971.6	971.7	972.0	972.3	972.6	972.9	972.6	972.3	972.0	971.7	971.6
125°	1036.2	1036.5	1037.1	1037.6	1038.2	1038.8	1038.2	1037.6	1037.1	1036.5	1036.2
127.5°	1105.9	1105.6	1105.1	1104.5	1104.0	1103.4	1104.0	1104.5	1105.1	1105.6	1105.9
130°	1168.0	1167.7	1167.1	1166.6	1166.0	1165.4	1166.0	1166.6	1167.1	1167.7	1168.0
132.5°	1226.1	1225.7	1224.8	1223.9	1223.1	1222.2	1223.1	1223.9	1224.8	1225.7	1226.1
135°	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1281.2	1282.1	1282.9	1283.8	1284.2
137.5°	1338.5	1338.2	1337.6	1337.1	1336.5	1335.9	1336.5	1337.1	1337.6	1338.2	1338.5
140°	1387.6	1387.3	1386.7	1386.2	1385.6	1385.0	1385.6	1386.2	1386.7	1387.3	1387.6
142.5°	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1431.1	1431.9	1432.8	1433.7	1434.1
145°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
147.5°	1516.8	1516.1	1514.6	1513.2	1511.7	1510.3	1511.7	1513.2	1514.6	1516.1	1516.8
150°	1553.0	1552.6	1551.7	1550.8	1550.0	1549.1	1550.0	1550.8	1551.7	1552.6	1553.0
152.5°	1586.6	1585.9	1584.4	1583.0	1581.5	1580.1	1581.5	1583.0	1584.4	1585.9	1586.6
155°	1616.3	1615.4	1613.7	1612.0	1610.2	1608.5	1610.2	1612.0	1613.7	1615.4	1616.3
157.5°	1643.4	1642.3	1640.0	1637.7	1635.4	1633.1	1635.4	1637.7	1640.0	1642.3	1643.4
160°	1665.4	1664.4	1662.4	1660.3	1658.3	1656.3	1658.3	1660.3	1662.4	1664.4	1665.4
162.5°	1686.0	1685.1	1683.4	1681.7	1680.0	1678.3	1680.0	1681.7	1683.4	1685.1	1686.0
165°	1704.1	1703.1	1701.1	1699.1	1697.1	1695.1	1697.1	1699.1	1701.1	1703.1	1704.1
167.5°	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1710.3	1712.6	1714.9	1717.2	1718.3
170°	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1721.9	1724.2	1726.5	1728.8	1730.0
172.5°	1737.7	1736.4	1733.8	1731.3	1728.7	1726.1	1728.7	1731.3	1733.8	1736.4	1737.7
175°	1742.9	1741.8	1739.5	1737.2	1734.9	1732.6	1734.9	1737.2	1739.5	1741.8	1742.9
177.5°	1746.8	1745.4	1742.5	1739.6	1736.7	1733.8	1736.7	1739.6	1742.5	1745.4	1746.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	446.5	447.4	447.8	446.0	444.6	446.9	450.1	452.4	454.2	456.5	457.9
5°	420.0	423.2	423.2	424.1	425.5	427.8	433.7	437.8	441.5	444.2	446.5
7.5°	397.7	400.0	401.4	403.6	405.9	409.1	415.9	421.9	427.3	430.5	434.2
10°	377.7	379.5	381.8	383.1	387.2	391.8	400.5	405.5	411.8	416.9	421.4
12.5°	358.5	364.9	366.3	365.8	369.5	374.5	383.1	390.9	397.7	402.7	407.7
15°	344.9	347.1	349.9	349.4	357.2	358.5	365.8	374.9	384.1	387.2	391.8
17.5°	329.8	333.5	336.2	337.6	339.9	344.9	351.7	358.5	370.4	370.8	382.7
20°	318.0	321.6	323.5	325.3	326.6	332.6	338.5	346.2	355.8	360.8	367.2
22.5°	310.2	312.1	313.4	314.8	316.6	319.8	327.1	335.8	342.1	347.6	351.7
25°	301.1	303.0	304.8	305.7	307.1	308.9	314.3	321.2	330.3	333.9	338.0
27.5°	294.8	294.8	295.7	295.7	297.5	299.3	303.4	309.8	317.1	321.6	327.1
30°	287.9	287.5	287.9	287.5	287.0	289.7	293.4	298.9	303.9	309.3	313.0
32.5°	281.1	280.6	280.6	281.1	279.3	280.6	282.5	287.5	292.9	295.7	299.8
35°	273.8	272.9	272.9	272.9	272.0	271.1	272.9	277.4	281.1	284.7	287.9
37.5°	266.5	265.1	265.1	264.2	263.3	262.0	262.0	265.6	270.6	272.0	276.1
40°	256.5	256.5	255.6	255.1	254.2	253.3	251.9	255.1	259.7	261.0	264.2
42.5°	246.5	245.1	244.6	244.6	244.6	243.3	242.4	244.6	247.4	249.7	251.5
45°	235.1	234.2	234.6	234.2	233.3	232.8	232.3	233.3	236.4	237.4	239.6
47.5°	222.8	222.3	222.3	221.9	221.4	221.9	220.0	222.3	223.2	224.1	226.0
50°	210.0	209.6	209.1	208.7	208.7	209.1	208.7	208.7	210.5	211.4	213.2
52.5°	197.3	195.9	195.9	195.4	195.4	194.5	195.4	195.9	196.8	197.7	198.6
55°	183.6	183.6	182.2	182.2	181.3	181.3	181.8	181.3	183.1	184.1	184.1
57.5°	170.4	168.6	169.0	168.1	167.2	166.7	166.7	167.7	168.6	168.6	169.5
60°	156.3	154.4	154.0	152.2	153.1	151.7	152.2	152.2	154.0	153.1	154.0
62.5°	142.1	139.9	138.5	137.6	137.6	138.0	137.1	136.7	137.6	138.5	140.3
65°	127.1	125.7	124.4	123.0	123.0	122.5	123.5	122.1	121.6	122.1	123.0
67.5°	111.6	110.2	108.9	107.5	108.0	106.6	105.7	107.1	106.1	106.6	107.5
70°	96.6	95.7	92.9	92.0	91.6	92.0	91.6	90.7	92.0	91.6	92.0
72.5°	81.5	80.6	79.3	77.0	77.0	76.5	76.1	76.1	75.6	75.6	75.6
75°	67.0	65.1	63.8	63.3	62.4	62.0	61.5	60.6	61.0	61.5	60.6
77.5°	51.9	49.7	49.2	49.2	47.8	47.8	48.3	47.8	47.4	47.4	47.4
80°	38.3	36.4	36.4	35.5	34.6	34.6	34.6	34.6	34.2	33.7	34.2
82.5°	24.6	24.1	23.7	23.7	24.6	22.8	23.7	23.2	22.8	22.8	22.3
85°	13.7	14.1	13.7	14.1	13.2	13.7	13.7	13.7	13.2	13.7	12.8
87.5°	5.0	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.9	5.5	5.5
90°	35.6	34.5	33.3	32.2	31.0	27.3	23.5	19.8	16.1	14.2	12.8
92.5°	41.6	39.6	37.6	35.6	33.6	31.0	28.4	25.9	23.3	22.0	22.9
95°	48.1	46.1	44.1	42.1	40.1	36.9	33.7	30.6	27.4	25.8	31.7
97.5°	50.5	48.2	45.9	43.6	41.3	55.9	70.6	85.2	99.9	107.2	111.2
100°	51.8	49.5	47.2	44.9	42.6	87.4	132.2	177.0	221.8	244.2	241.3
102.5°	57.7	67.2	76.7	86.1	95.6	145.6	195.5	245.5	295.4	320.4	318.5
105°	79.7	130.5	181.3	232.1	282.9	308.7	334.6	360.4	386.3	399.2	397.6
107.5°	325.7	369.9	414.2	458.4	502.6	498.3	494.0	489.7	485.4	483.2	481.9
110°	544.7	554.2	563.7	573.2	582.7	579.5	576.4	573.2	570.1	568.5	567.3

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	674.4	671.8	669.3	666.7	664.1	660.9	657.8	654.6	651.5	649.9	648.9
115°	753.1	750.2	747.3	744.5	741.6	739.0	736.4	733.9	731.3	730.0	729.1
117.5°	827.0	824.7	822.4	820.1	817.8	816.4	815.0	813.5	812.1	811.4	810.4
120°	900.7	898.4	896.1	893.8	891.5	890.6	889.8	888.9	888.0	887.6	886.3
122.5°	970.9	969.4	968.0	966.5	965.1	963.9	962.8	961.6	960.5	959.9	958.9
125°	1035.9	1035.3	1034.8	1034.2	1033.6	1032.4	1031.3	1030.1	1029.0	1028.4	1027.3
127.5°	1105.5	1104.6	1103.8	1102.9	1102.1	1100.7	1099.2	1097.8	1096.3	1095.6	1094.5
130°	1167.4	1166.3	1165.1	1164.0	1162.8	1161.6	1160.5	1159.3	1158.2	1157.6	1156.5
132.5°	1225.5	1224.4	1223.2	1222.1	1220.9	1220.1	1219.2	1218.4	1217.5	1217.1	1215.9
135°	1283.8	1282.9	1282.1	1281.2	1280.4	1279.2	1278.1	1276.9	1275.8	1275.2	1274.3
137.5°	1337.8	1336.3	1334.9	1333.4	1332.0	1331.4	1330.9	1330.3	1329.8	1329.5	1328.3
140°	1387.0	1385.9	1384.7	1383.6	1382.4	1381.5	1380.7	1379.8	1378.9	1378.5	1377.6
142.5°	1433.7	1432.8	1431.9	1431.1	1430.2	1429.4	1428.5	1427.7	1426.8	1426.4	1425.5
145°	1476.4	1475.9	1475.3	1474.8	1474.2	1473.6	1473.0	1472.5	1471.9	1471.6	1470.6
147.5°	1516.5	1515.9	1515.4	1514.8	1514.2	1513.6	1513.0	1512.5	1511.9	1511.6	1510.9
150°	1552.7	1552.1	1551.6	1551.0	1550.4	1549.8	1549.2	1548.7	1548.1	1547.8	1547.4
152.5°	1586.0	1584.9	1583.7	1582.6	1581.4	1581.1	1580.8	1580.5	1580.2	1580.1	1580.0
155°	1615.6	1614.1	1612.7	1611.2	1609.8	1609.5	1609.2	1608.9	1608.6	1608.5	1608.8
157.5°	1642.5	1640.8	1639.1	1637.4	1635.7	1636.0	1636.2	1636.5	1636.8	1636.9	1636.9
160°	1664.5	1662.8	1661.1	1659.3	1657.6	1657.9	1658.2	1658.5	1658.8	1658.9	1659.0
162.5°	1685.0	1683.0	1681.0	1679.0	1677.0	1677.3	1677.6	1677.9	1678.2	1678.3	1678.7
165°	1703.0	1700.7	1698.4	1696.1	1693.8	1694.1	1694.4	1694.7	1695.0	1695.1	1695.5
167.5°	1717.2	1714.9	1712.6	1710.3	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0	1708.6
170°	1728.8	1726.5	1724.2	1721.9	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6	1720.2
172.5°	1736.6	1734.3	1732.0	1729.7	1727.4	1727.1	1726.8	1726.5	1726.2	1726.1	1726.8
175°	1741.9	1739.9	1737.8	1735.8	1733.8	1733.5	1733.3	1733.0	1732.7	1732.6	1733.3
177.5°	1745.6	1743.3	1741.0	1738.7	1736.4	1736.1	1735.8	1735.5	1735.2	1735.1	1735.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	470.2	470.2	470.2	470.2
2.5°	460.1	461.5	466.1	471.5
5°	451.0	454.7	461.0	469.7
7.5°	441.0	446.5	455.6	466.5
10°	429.6	437.4	448.7	462.4
12.5°	417.3	427.3	441.9	456.0
15°	409.6	419.6	432.8	448.3
17.5°	394.5	406.4	420.0	441.9
20°	379.0	392.3	410.0	431.9
22.5°	367.2	381.3	398.2	421.4
25°	353.1	367.6	385.9	410.0
27.5°	338.0	352.6	373.1	398.6
30°	326.6	340.8	360.4	387.7
32.5°	313.0	326.6	347.1	375.8
35°	297.5	313.0	332.6	361.7
37.5°	285.6	299.8	320.3	348.1
40°	272.9	285.2	305.2	332.6
42.5°	259.2	272.9	290.2	317.5
45°	246.5	256.5	274.3	300.2
47.5°	232.8	244.2	257.9	277.9
50°	218.2	227.8	242.8	256.5
52.5°	204.1	211.8	224.6	235.1
55°	189.1	196.8	206.4	212.8
57.5°	174.9	180.4	186.8	190.9
60°	157.6	163.1	167.2	171.3
62.5°	142.1	146.2	148.5	150.8
65°	126.2	128.5	129.8	131.7
67.5°	108.9	111.2	111.6	114.3
70°	92.9	93.4	94.3	95.7
72.5°	77.9	78.8	78.4	79.3
75°	62.4	63.3	62.4	63.3
77.5°	47.4	48.3	48.3	49.7
80°	34.2	34.6	35.1	35.1
82.5°	22.3	23.7	22.8	23.2
85°	12.8	13.2	13.2	13.7
87.5°	5.9	6.4	5.9	6.8
90°	9.9	7.0	4.2	1.3
92.5°	24.6	26.3	28.0	29.7
95°	43.5	55.2	67.0	78.8
97.5°	119.3	127.3	135.4	143.4
100°	235.6	229.8	224.1	218.3
102.5°	314.8	311.1	307.3	303.6
105°	394.5	391.3	388.2	385.0
107.5°	479.3	476.8	474.2	471.6
110°	565.0	562.7	560.4	558.1

TEST NUMBER: P1030807

CATALOG NUMBER: S123DIW-B340D1320UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	646.9	644.8	642.8	640.8
115°	727.4	725.7	723.9	722.2
117.5°	808.4	806.3	804.3	802.3
120°	883.7	881.2	878.6	876.0
122.5°	956.9	954.9	952.9	950.9
125°	1025.0	1022.7	1020.4	1018.1
127.5°	1092.2	1089.9	1087.6	1085.3
130°	1154.2	1151.9	1149.6	1147.3
132.5°	1213.6	1211.3	1209.0	1206.7
135°	1272.6	1270.9	1269.1	1267.4
137.5°	1326.0	1323.7	1321.4	1319.1
140°	1375.9	1374.2	1372.5	1370.8
142.5°	1423.8	1422.1	1420.3	1418.6
145°	1468.6	1466.5	1464.5	1462.5
147.5°	1509.5	1508.0	1506.6	1505.2
150°	1546.5	1545.6	1544.8	1543.9
152.5°	1579.7	1579.4	1579.1	1578.8
155°	1609.4	1609.9	1610.5	1611.1
157.5°	1636.9	1636.9	1636.9	1636.9
160°	1659.3	1659.6	1659.9	1660.2
162.5°	1679.6	1680.5	1681.3	1682.2
165°	1696.4	1697.3	1698.1	1699.0
167.5°	1709.7	1710.9	1712.0	1713.2
170°	1721.3	1722.5	1723.6	1724.8
172.5°	1728.3	1729.7	1731.2	1732.6
175°	1734.7	1736.2	1737.6	1739.0
177.5°	1737.3	1738.7	1740.2	1741.6
180°	1739.0	1739.0	1739.0	1739.0

(END OF REPORT)