

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: P1031724

Luminaire Tested: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031724
REPORT IS A COMBINATION OF REPORTS P991576 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B560D1320UB27-4F0-XX-W2A-A1
Description: Define 3 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

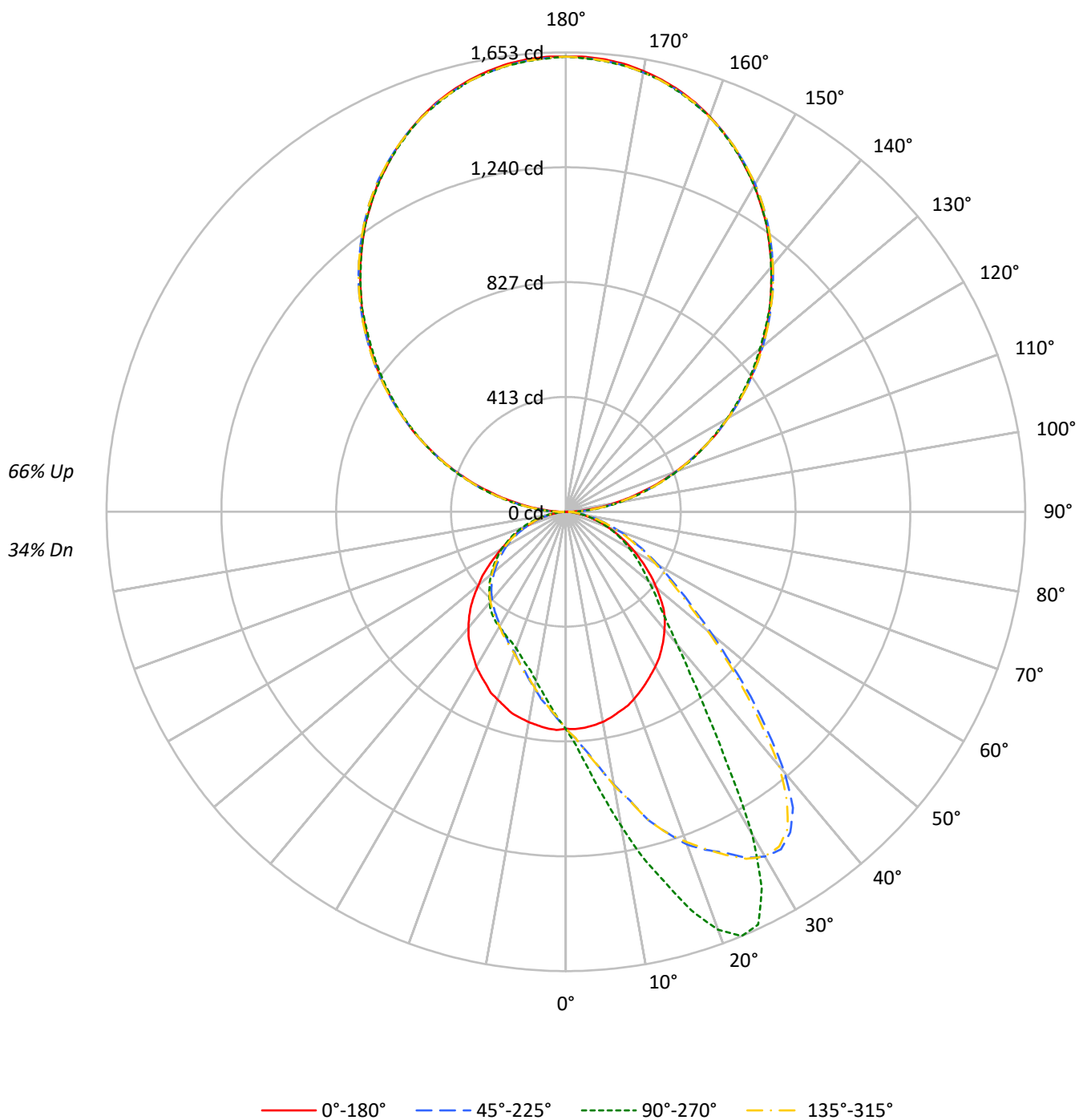
Lumens per Lamp: N/A
Luminaire Lumens: 6897.0 lumens
Efficiency: N/A
Efficacy: 104.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 66.1
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	103	103	103	103	93	93	93	93	75	75	75	57	57	57	42	42	42	34			
1	94	90	87	83	85	82	79	76	66	63	61	51	49	48	37	36	35	29			
2	86	79	73	68	78	72	67	62	58	54	51	45	42	40	33	31	30	25			
3	79	70	63	57	71	63	57	52	51	47	43	40	37	34	29	27	26	21			
4	72	62	54	48	65	56	49	44	45	41	37	35	32	29	26	24	22	18			
5	66	55	47	41	59	50	43	38	40	35	32	32	28	26	24	21	19	16			
6	61	49	41	36	55	45	38	33	36	31	28	29	25	22	21	19	17	14			
7	56	44	37	31	51	40	34	29	33	28	24	26	22	20	20	17	15	12			
8	52	40	33	27	47	37	30	25	30	25	21	24	20	18	18	15	14	11			
9	48	36	29	24	44	33	27	23	27	23	19	22	18	16	17	14	12	10			
10	45	33	26	22	41	31	24	20	25	20	17	20	17	14	15	13	11	9			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8402	8402	8402	8402
5°	8408	9682	8432	7225
10°	8354	11716	8363	6310
15°	8239	13894	8307	5680
20°	8140	15996	8157	5226
25°	7992	16400	8010	4990
30°	7887	13549	7887	4835
35°	7756	9061	7707	4697
40°	7600	6542	7506	4488
45°	7403	5181	7189	4227
50°	6926	4400	6678	3971
55°	6400	3866	6141	3686
60°	5868	3366	5557	3387
65°	5284	2883	5028	2986
70°	4676	2393	4367	2517
75°	3998	1805	3739	1944
80°	3160	1204	2915	1276
85°	2180	554	1748	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.8	1.1
10°-20°	246.6	3.6
20°-30°	414.9	6.0
30°-40°	468.9	6.8
40°-50°	419.9	6.1
50°-60°	339.0	4.9
60°-70°	236.2	3.4
70°-80°	124.0	1.8
80°-90°	33.2	0.5
90°-100°	105.4	1.5
100°-110°	319.1	4.6
110°-120°	543.2	7.9
120°-130°	714.6	10.4
130°-140°	803.2	11.6
140°-150°	789.7	11.4
150°-160°	664.8	9.6
160°-170°	442.6	6.4
170°-180°	155.0	2.2
0°-30°	738.2	10.7
0°-40°	1207.1	17.5
0°-60°	1966.1	28.5
0°-90°	2359.5	34.2
90°-120°	967.7	14.0
90°-150°	3275.2	47.5
90°-180°	4538.0	65.8
0°-180°	6897.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	781	781	781	781	781	
5°	780	927	782	692	780	74
15°	744	1380	750	564	744	210
25°	681	1638	682	498	681	314
35°	601	883	597	458	601	376
45°	498	476	484	389	498	381
55°	353	324	339	309	353	316
65°	219	210	208	218	219	218
75°	105	108	98	116	105	113
85°	23	25	18	23	23	26
90°	1	39	1	39	1	7
95°	76	100	76	100	76	84
105°	289	306	289	306	289	310
115°	547	548	547	548	547	541
125°	800	791	800	791	800	714
135°	1038	1037	1038	1037	1038	800
145°	1259	1259	1259	1259	1259	787
155°	1442	1440	1442	1440	1442	664
165°	1571	1566	1571	1566	1571	443
175°	1634	1627	1634	1627	1634	155
180°	1638	1638	1638	1638	1638	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	782.9	788.9	792.0	796.5	801.0	807.8	810.1	813.9	812.4	815.4	816.9
5°	779.9	790.4	799.5	810.9	821.5	829.0	836.6	848.7	857.8	859.3	866.1
7.5°	774.6	789.7	805.6	821.5	841.9	854.0	867.6	884.2	897.9	919.8	928.1
10°	767.7	788.9	811.6	833.6	861.5	880.5	897.1	925.1	953.1	975.8	996.9
12.5°	757.2	783.6	813.1	845.7	882.0	903.9	926.6	963.7	1006.0	1040.8	1063.5
15°	744.3	777.6	815.4	850.2	890.3	931.1	955.3	996.9	1057.5	1090.0	1148.2
17.5°	733.7	767.7	805.6	860.0	914.5	955.3	972.7	1049.1	1090.7	1145.2	1211.0
20°	717.1	760.2	808.6	863.1	933.4	958.4	993.9	1071.1	1122.5	1193.6	1274.5
22.5°	699.7	745.8	804.1	860.8	939.5	965.9	1014.3	1075.6	1157.3	1227.6	1316.9
25°	680.8	730.7	789.7	857.0	934.2	972.7	1018.1	1093.8	1182.3	1270.8	1353.2
27.5°	661.9	716.3	777.6	844.9	919.8	965.2	1010.6	1089.2	1202.7	1298.7	1403.9
30°	643.7	698.2	759.4	828.3	906.9	950.8	993.9	1092.2	1218.6	1326.7	1432.6
32.5°	624.0	680.0	744.3	801.8	881.2	928.1	976.5	1092.2	1228.4	1343.4	1440.2
35°	600.6	658.1	713.3	770.8	849.4	901.6	956.1	1084.7	1237.5	1348.7	1408.4
37.5°	577.9	628.6	676.2	732.2	814.6	870.6	933.4	1075.6	1232.9	1326.0	1342.6
40°	552.2	602.9	641.4	693.6	780.6	845.7	909.2	1063.5	1213.3	1272.3	1223.9
42.5°	527.2	567.3	600.6	651.3	745.8	809.4	878.2	1041.6	1174.7	1186.8	1077.9
45°	498.5	527.2	556.7	614.2	708.0	773.0	849.4	1009.8	1112.7	1077.9	940.2
47.5°	461.4	487.1	519.6	572.6	667.9	735.2	807.8	969.0	1022.7	950.0	799.5
50°	425.9	447.8	478.0	529.5	625.5	691.4	768.5	904.7	931.1	816.9	689.1
52.5°	390.3	406.9	436.4	487.9	583.9	647.5	717.8	838.9	823.7	701.2	587.7
55°	353.2	367.6	395.6	446.3	535.5	596.0	663.4	757.9	718.6	602.1	511.3
57.5°	316.9	332.1	360.8	403.2	487.1	546.1	599.8	674.0	615.0	521.9	441.7
60°	284.4	297.3	319.2	360.8	437.2	484.9	534.0	584.7	535.5	445.5	384.3
62.5°	250.4	262.5	282.9	320.7	386.5	428.9	468.2	509.8	455.4	389.5	335.1
65°	218.6	228.4	247.3	282.1	335.8	370.6	402.4	431.1	387.3	326.8	285.9
67.5°	189.9	198.2	214.1	245.1	290.5	315.4	341.1	365.3	328.3	279.9	245.1
70°	158.8	165.7	180.0	202.7	239.0	264.7	283.7	301.8	268.5	229.9	206.5
72.5°	131.6	138.4	147.5	170.9	195.9	211.8	232.2	242.0	223.1	191.4	167.9
75°	105.1	110.4	118.8	133.9	157.3	167.9	180.8	188.3	170.9	149.8	135.4
77.5°	82.4	84.7	90.8	101.4	117.2	129.3	139.2	143.7	131.6	118.0	105.9
80°	58.2	61.3	65.8	74.9	87.0	90.8	96.8	102.1	94.6	82.4	74.9
82.5°	38.6	42.4	44.6	48.4	56.0	60.5	62.0	66.6	59.8	55.2	52.2
85°	22.7	24.2	25.0	27.2	31.0	33.3	35.6	36.3	34.8	34.0	31.0
87.5°	11.3	11.3	11.3	12.9	13.6	15.1	15.9	15.9	15.9	15.1	14.4
90°	1.3	4.2	7.0	9.9	12.8	14.2	16.1	19.8	23.5	27.2	30.9
92.5°	38.6	40.3	42.0	43.7	45.4	46.3	47.2	48.9	50.6	52.3	54.0
95°	75.9	77.9	79.9	81.9	83.9	84.9	86.0	88.3	90.6	92.9	95.2
97.5°	124.8	126.2	127.6	129.1	130.5	131.2	132.1	133.8	135.5	137.2	138.9
100°	175.0	176.7	178.4	180.1	181.8	182.7	183.4	184.8	186.3	187.7	189.1
102.5°	232.8	233.7	234.5	235.4	236.3	236.7	237.7	239.7	241.7	243.7	245.7
105°	289.4	290.0	290.6	291.1	291.7	292.0	293.3	295.9	298.4	301.0	303.6
107.5°	356.3	356.6	356.9	357.2	357.5	357.6	358.2	359.3	360.5	361.6	362.8
110°	418.1	418.7	419.3	419.8	420.4	420.7	421.0	421.5	422.1	422.6	423.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	482.4	482.7	483.0	483.3	483.6	483.7	483.7	483.7	483.7	483.7	483.7
115°	546.7	547.6	548.4	549.3	550.2	550.6	550.3	549.7	549.2	548.6	548.0
117.5°	612.3	612.6	612.9	613.2	613.5	613.6	613.3	612.8	612.2	611.7	611.1
120°	672.8	674.5	676.2	677.9	679.6	680.5	679.8	678.4	676.9	675.5	674.1
122.5°	735.8	737.0	738.1	739.3	740.4	741.0	740.7	740.1	739.6	739.0	738.4
125°	800.2	801.0	801.9	802.7	803.6	804.0	803.7	803.1	802.6	802.0	801.4
127.5°	859.3	861.0	862.7	864.4	866.1	867.0	866.7	866.2	865.6	865.1	864.5
130°	918.5	920.8	923.1	925.4	927.7	928.8	928.4	927.5	926.6	925.8	924.9
132.5°	977.7	980.0	982.3	984.6	986.9	988.0	987.7	987.1	986.6	986.0	985.4
135°	1038.1	1039.8	1041.6	1043.3	1045.0	1045.9	1045.8	1045.5	1045.2	1044.9	1044.6
137.5°	1093.5	1094.9	1096.3	1097.8	1099.2	1099.9	1100.3	1101.2	1102.1	1102.9	1103.8
140°	1151.3	1152.7	1154.2	1155.6	1157.1	1157.8	1157.9	1158.2	1158.5	1158.8	1159.1
142.5°	1204.1	1205.5	1206.9	1208.4	1209.8	1210.5	1210.8	1211.4	1211.9	1212.5	1213.1
145°	1259.4	1260.0	1260.6	1261.1	1261.7	1262.0	1262.4	1263.3	1264.1	1265.0	1265.8
147.5°	1307.0	1308.2	1309.3	1310.5	1311.6	1312.2	1312.6	1313.5	1314.3	1315.2	1316.0
150°	1357.2	1357.8	1358.3	1358.9	1359.4	1359.7	1360.0	1360.6	1361.1	1361.7	1362.3
152.5°	1398.3	1399.2	1400.0	1400.9	1401.8	1402.2	1402.3	1402.6	1402.9	1403.2	1403.5
155°	1442.1	1442.1	1442.1	1442.1	1442.1	1442.1	1442.2	1442.5	1442.8	1443.1	1443.4
157.5°	1479.4	1479.1	1478.8	1478.5	1478.2	1478.1	1478.2	1478.5	1478.8	1479.1	1479.4
160°	1514.1	1513.5	1512.9	1512.4	1511.8	1511.5	1511.5	1511.5	1511.5	1511.5	1511.5
162.5°	1545.0	1544.1	1543.3	1542.4	1541.5	1541.1	1541.2	1541.5	1541.8	1542.1	1542.4
165°	1570.7	1569.9	1569.0	1568.2	1567.3	1566.9	1566.9	1566.9	1566.9	1566.9	1566.9
167.5°	1592.6	1591.4	1590.3	1589.1	1588.0	1587.4	1587.5	1587.8	1588.1	1588.4	1588.7
170°	1610.6	1609.5	1608.3	1607.2	1606.1	1605.5	1605.5	1605.5	1605.5	1605.5	1605.5
172.5°	1624.8	1623.6	1622.5	1621.3	1620.2	1619.6	1619.6	1619.6	1619.6	1619.6	1619.6
175°	1633.8	1632.6	1631.5	1630.3	1629.2	1628.6	1628.6	1628.6	1628.6	1628.6	1628.6
177.5°	1638.9	1637.8	1636.6	1635.5	1634.4	1633.8	1633.8	1633.8	1633.8	1633.8	1633.8
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	822.2	823.7	829.0	832.8	840.4	839.6	839.6	838.9	836.6	840.4	842.6
5°	879.7	892.6	894.1	910.7	911.5	918.3	922.8	919.0	928.1	927.4	920.5
7.5°	950.8	968.2	976.5	992.4	1010.6	1006.0	1023.4	1026.4	1024.9	1032.5	1037.8
10°	1028.7	1059.0	1080.1	1109.6	1117.2	1121.7	1133.1	1142.9	1162.6	1147.5	1157.3
12.5°	1118.0	1139.9	1167.9	1214.8	1238.2	1253.4	1258.7	1265.5	1279.1	1270.8	1271.5
15°	1192.8	1222.3	1270.0	1328.2	1335.1	1354.0	1349.4	1390.3	1409.9	1380.4	1397.1
17.5°	1270.8	1310.1	1366.8	1417.5	1446.2	1459.1	1471.2	1510.5	1509.0	1504.5	1508.3
20°	1320.7	1385.0	1455.3	1522.6	1531.0	1540.8	1573.3	1590.0	1586.9	1599.8	1608.1
22.5°	1391.0	1459.1	1534.0	1578.6	1597.5	1608.9	1634.6	1645.2	1649.7	1652.7	1647.4
25°	1450.0	1522.6	1577.9	1617.2	1628.5	1634.6	1642.9	1645.9	1643.7	1638.4	1642.9
27.5°	1490.1	1548.4	1586.2	1604.3	1598.3	1588.4	1572.6	1562.0	1538.5	1527.2	1540.8
30°	1506.8	1532.5	1543.8	1513.6	1483.3	1459.1	1428.8	1372.9	1329.0	1341.9	1324.5
32.5°	1480.3	1463.6	1409.2	1331.3	1307.8	1268.5	1183.0	1117.2	1119.5	1084.7	1099.1
35°	1402.4	1326.7	1223.9	1105.9	1074.8	1053.7	959.9	945.5	915.2	882.7	891.8
37.5°	1264.7	1154.3	1029.5	942.5	896.3	850.2	797.2	765.5	747.3	733.7	744.3
40°	1096.8	962.1	859.3	781.4	742.0	712.5	676.2	644.5	624.0	621.8	625.5
42.5°	931.9	818.4	723.9	649.8	636.9	602.1	578.6	553.7	547.6	537.8	543.1
45°	788.9	696.6	618.7	558.2	543.1	534.0	505.3	489.4	482.6	476.5	485.6
47.5°	685.3	588.5	531.8	495.4	480.3	465.2	449.3	438.7	433.4	434.2	433.4
50°	585.5	514.4	464.4	436.4	427.4	416.8	403.9	397.1	394.8	388.0	393.3
52.5°	503.8	452.3	417.5	391.1	384.3	376.7	366.1	362.3	357.0	355.5	355.5
55°	438.0	397.9	369.9	352.5	344.2	338.1	332.1	327.5	323.7	323.7	323.7
57.5°	386.5	351.7	331.3	316.2	313.2	307.1	300.3	300.3	295.0	294.2	296.5
60°	342.7	311.6	295.8	282.9	278.4	276.8	270.0	270.0	268.5	264.7	267.8
62.5°	298.0	275.3	261.7	251.9	247.3	247.3	242.0	238.3	238.3	239.0	237.5
65°	257.2	240.5	228.4	220.9	218.6	215.6	214.8	211.8	209.5	210.3	209.5
67.5°	220.9	208.0	199.7	193.6	189.9	188.3	186.1	186.1	184.6	185.3	181.5
70°	188.3	175.5	168.7	162.6	161.1	161.1	158.1	158.8	157.3	159.6	158.1
72.5°	155.1	145.2	139.9	137.7	136.2	135.4	133.9	132.4	131.6	133.1	132.4
75°	125.6	117.2	113.5	111.9	110.4	110.4	109.7	108.9	108.2	108.2	108.2
77.5°	97.6	92.3	87.7	89.3	87.0	87.7	85.5	85.5	86.2	85.5	85.5
80°	71.9	68.1	68.1	66.6	63.5	65.1	65.1	62.8	62.0	63.5	61.3
82.5°	47.7	46.9	45.4	44.6	43.1	43.9	43.1	42.4	41.6	43.1	41.6
85°	28.0	28.0	27.2	25.7	27.2	26.5	25.7	25.7	25.0	25.0	25.0
87.5°	14.4	12.9	12.9	12.1	12.9	11.3	12.1	11.3	10.6	11.3	10.6
90°	32.0	33.2	34.3	35.4	36.0	36.3	36.9	37.4	38.0	38.6	38.0
92.5°	54.9	55.7	56.6	57.5	57.9	57.6	57.0	56.5	55.9	55.3	55.9
95°	96.3	97.5	98.6	99.7	100.3	100.3	100.3	100.3	100.3	100.3	100.3
97.5°	140.3	141.8	143.2	144.7	145.4	145.3	145.0	144.7	144.4	144.1	144.4
100°	190.0	190.8	191.7	192.6	193.0	193.3	193.8	194.4	194.9	195.5	194.9
102.5°	246.6	247.4	248.3	249.2	249.6	249.5	249.2	248.9	248.6	248.3	248.6
105°	303.6	303.6	303.6	303.6	303.6	303.9	304.5	305.0	305.6	306.2	305.6
107.5°	363.6	364.5	365.3	366.2	366.6	366.5	366.2	365.9	365.6	365.3	365.6
110°	424.4	425.5	426.7	427.8	428.4	428.1	427.5	427.0	426.4	425.8	426.4

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	485.1	486.5	488.0	489.4	490.1	490.1	490.1	490.1	490.1	490.1	490.1
115°	548.3	548.6	548.9	549.2	549.3	549.2	548.9	548.6	548.3	548.0	548.3
117.5°	611.1	611.1	611.1	611.1	611.1	610.7	609.8	608.9	608.1	607.2	608.1
120°	673.8	673.5	673.2	672.9	672.8	672.5	671.9	671.4	670.8	670.2	670.8
122.5°	737.5	736.7	735.8	734.9	734.5	734.1	733.2	732.4	731.5	730.7	731.5
125°	800.3	799.1	798.0	796.9	796.3	795.7	794.6	793.5	792.3	791.2	792.3
127.5°	862.8	861.1	859.4	857.7	856.8	856.2	855.1	853.9	852.8	851.6	852.8
130°	923.8	922.6	921.5	920.4	919.8	918.8	916.8	914.8	912.8	910.8	912.8
132.5°	984.0	982.6	981.1	979.7	979.0	978.3	976.8	975.4	973.9	972.5	973.9
135°	1043.4	1042.3	1041.1	1040.0	1039.4	1039.1	1038.6	1038.0	1037.5	1036.9	1037.5
137.5°	1102.4	1100.9	1099.5	1098.0	1097.3	1096.9	1096.0	1095.2	1094.3	1093.5	1094.3
140°	1158.8	1158.5	1158.2	1157.9	1157.8	1156.8	1154.8	1152.8	1150.8	1148.8	1150.8
142.5°	1212.8	1212.5	1212.2	1211.9	1211.8	1211.1	1209.7	1208.2	1206.8	1205.4	1206.8
145°	1265.5	1265.3	1265.0	1264.7	1264.6	1264.0	1262.9	1261.7	1260.6	1259.4	1260.6
147.5°	1316.0	1316.0	1316.0	1316.0	1316.0	1315.1	1313.4	1311.7	1310.0	1308.3	1310.0
150°	1362.3	1362.3	1362.3	1362.3	1362.3	1361.4	1359.7	1358.0	1356.3	1354.6	1356.3
152.5°	1404.1	1404.7	1405.2	1405.8	1406.1	1405.4	1403.9	1402.5	1401.0	1399.6	1401.0
155°	1444.5	1445.7	1446.8	1447.9	1448.5	1447.5	1445.5	1443.5	1441.5	1439.5	1441.5
157.5°	1480.5	1481.7	1482.8	1483.9	1484.5	1483.6	1481.9	1480.2	1478.5	1476.8	1478.5
160°	1512.9	1514.4	1515.8	1517.3	1518.0	1517.4	1516.3	1515.1	1514.0	1512.8	1514.0
162.5°	1543.8	1545.3	1546.7	1548.2	1548.9	1547.9	1545.9	1543.8	1541.8	1539.8	1541.8
165°	1568.6	1570.3	1572.0	1573.7	1574.6	1573.6	1571.6	1569.6	1567.6	1565.6	1567.6
167.5°	1590.4	1592.2	1593.9	1595.6	1596.5	1595.6	1593.9	1592.2	1590.4	1588.7	1590.4
170°	1607.5	1609.5	1611.5	1613.5	1614.5	1613.5	1611.5	1609.5	1607.5	1605.5	1607.5
172.5°	1621.3	1623.0	1624.7	1626.4	1627.3	1626.3	1624.3	1622.3	1620.3	1618.3	1620.3
175°	1630.3	1632.0	1633.7	1635.4	1636.3	1635.3	1633.3	1631.3	1629.3	1627.3	1629.3
177.5°	1635.5	1637.2	1638.9	1640.6	1641.5	1640.5	1638.5	1636.5	1634.5	1632.5	1634.5
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	836.6	838.9	832.8	831.3	831.3	834.3	832.0	811.6	815.4	810.9	809.4
5°	928.9	924.3	918.3	915.2	911.5	900.9	900.1	876.7	872.1	857.0	850.2
7.5°	1030.2	1026.4	1008.3	1006.0	1004.5	994.7	969.7	944.7	926.6	909.2	892.6
10°	1146.0	1134.6	1126.3	1109.6	1101.3	1087.7	1055.2	1031.7	1000.7	974.2	939.5
12.5°	1285.1	1272.3	1244.3	1232.2	1221.6	1183.8	1151.2	1124.8	1064.3	1046.1	1003.0
15°	1387.2	1360.0	1357.0	1330.5	1329.0	1287.4	1225.4	1196.6	1149.7	1083.2	1038.5
17.5°	1497.7	1473.5	1454.6	1422.8	1418.3	1378.9	1333.5	1263.2	1211.8	1148.2	1091.5
20°	1578.6	1565.8	1533.2	1520.4	1493.9	1460.6	1413.7	1326.7	1263.9	1200.4	1130.8
22.5°	1642.9	1630.0	1604.3	1586.9	1571.8	1528.7	1472.7	1398.6	1312.4	1229.2	1157.3
25°	1642.2	1638.4	1627.8	1619.5	1608.1	1576.3	1529.4	1458.3	1362.3	1270.8	1170.9
27.5°	1549.1	1559.7	1577.9	1586.9	1584.7	1580.1	1553.7	1493.9	1407.7	1298.7	1186.8
30°	1355.5	1394.1	1428.1	1473.5	1487.1	1520.4	1535.5	1501.5	1432.6	1331.3	1207.2
32.5°	1124.0	1180.0	1254.1	1279.1	1322.2	1386.5	1458.3	1471.2	1428.1	1350.2	1220.1
35°	922.1	968.2	1025.7	1065.0	1103.6	1208.0	1298.7	1377.4	1391.8	1340.3	1217.1
37.5°	763.2	795.7	846.4	879.7	915.2	1004.5	1131.6	1233.7	1305.6	1307.1	1208.7
40°	648.2	662.6	706.5	730.7	764.7	841.9	955.3	1088.5	1193.6	1242.0	1186.8
42.5°	549.1	568.1	604.4	622.5	644.5	711.8	786.7	913.0	1043.1	1146.7	1146.0
45°	490.1	503.8	520.4	535.5	560.5	600.6	686.1	780.6	905.4	1022.7	1068.8
47.5°	438.0	450.8	467.5	472.0	488.6	526.5	578.6	661.1	777.6	894.1	981.1
50°	394.1	404.7	416.0	424.3	431.9	462.9	502.3	571.8	664.9	777.6	885.7
52.5°	360.0	367.6	377.4	382.0	388.8	411.5	441.7	493.2	569.6	672.4	777.6
55°	328.3	333.6	339.6	347.2	350.2	366.9	390.3	434.2	490.9	583.2	683.0
57.5°	298.8	301.0	304.8	309.4	313.2	327.5	347.9	377.4	427.4	498.5	593.0
60°	265.5	271.5	273.8	278.4	280.6	292.0	307.9	332.8	371.4	432.7	503.8
62.5°	237.5	241.3	245.1	247.3	252.6	256.4	269.3	292.0	323.7	369.1	433.4
65°	212.5	214.1	216.3	218.6	220.1	224.7	236.8	251.9	276.1	316.2	366.1
67.5°	183.8	185.3	188.3	189.1	190.6	196.7	203.5	216.3	236.8	267.0	307.9
70°	155.8	158.1	159.6	161.1	163.4	165.7	173.2	183.8	199.7	220.9	252.6
72.5°	131.6	133.9	133.9	135.4	134.6	137.7	145.2	152.8	163.4	180.8	208.8
75°	107.4	107.4	108.9	109.7	110.4	113.5	116.5	122.5	130.9	144.5	161.9
77.5°	84.7	84.0	85.5	85.5	85.5	87.7	90.8	93.8	99.1	108.9	122.5
80°	62.0	62.0	63.5	64.3	62.8	63.5	65.1	68.1	71.9	78.7	86.2
82.5°	40.8	43.9	43.1	43.9	43.1	44.6	45.4	46.1	47.7	50.7	56.0
85°	25.0	25.0	25.0	25.7	25.0	25.7	25.7	25.7	26.5	28.0	30.3
87.5°	10.6	10.6	10.6	11.3	10.6	10.6	11.3	10.6	11.3	11.3	12.1
90°	37.4	36.9	36.3	36.0	35.4	34.3	33.2	32.0	30.9	27.2	23.5
92.5°	56.5	57.0	57.6	57.9	57.5	56.6	55.7	54.9	54.0	52.3	50.6
95°	100.3	100.3	100.3	100.3	99.7	98.6	97.5	96.3	95.2	92.9	90.6
97.5°	144.7	145.0	145.3	145.4	144.7	143.2	141.8	140.3	138.9	137.2	135.5
100°	194.4	193.8	193.3	193.0	192.6	191.7	190.8	190.0	189.1	187.7	186.3
102.5°	248.9	249.2	249.5	249.6	249.2	248.3	247.4	246.6	245.7	243.7	241.7
105°	305.0	304.5	303.9	303.6	303.6	303.6	303.6	303.6	303.6	301.0	298.4
107.5°	365.9	366.2	366.5	366.6	366.2	365.3	364.5	363.6	362.8	361.6	360.5
110°	427.0	427.5	428.1	428.4	427.8	426.7	425.5	424.4	423.2	422.6	422.1

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	490.1	490.1	490.1	490.1	489.4	488.0	486.5	485.1	483.7	483.7	483.7
115°	548.6	548.9	549.2	549.3	549.2	548.9	548.6	548.3	548.0	548.6	549.2
117.5°	608.9	609.8	610.7	611.1	611.1	611.1	611.1	611.1	611.1	611.7	612.2
120°	671.4	671.9	672.5	672.8	672.9	673.2	673.5	673.8	674.1	675.5	676.9
122.5°	732.4	733.2	734.1	734.5	734.9	735.8	736.7	737.5	738.4	739.0	739.6
125°	793.5	794.6	795.7	796.3	796.9	798.0	799.1	800.3	801.4	802.0	802.6
127.5°	853.9	855.1	856.2	856.8	857.7	859.4	861.1	862.8	864.5	865.1	865.6
130°	914.8	916.8	918.8	919.8	920.4	921.5	922.6	923.8	924.9	925.8	926.6
132.5°	975.4	976.8	978.3	979.0	979.7	981.1	982.6	984.0	985.4	986.0	986.6
135°	1038.0	1038.6	1039.1	1039.4	1040.0	1041.1	1042.3	1043.4	1044.6	1044.9	1045.2
137.5°	1095.2	1096.0	1096.9	1097.3	1098.0	1099.5	1100.9	1102.4	1103.8	1102.9	1102.1
140°	1152.8	1154.8	1156.8	1157.8	1157.9	1158.2	1158.5	1158.8	1159.1	1158.8	1158.5
142.5°	1208.2	1209.7	1211.1	1211.8	1211.9	1212.2	1212.5	1212.8	1213.1	1212.5	1211.9
145°	1261.7	1262.9	1264.0	1264.6	1264.7	1265.0	1265.3	1265.5	1265.8	1265.0	1264.1
147.5°	1311.7	1313.4	1315.1	1316.0	1316.0	1316.0	1316.0	1316.0	1316.0	1315.2	1314.3
150°	1358.0	1359.7	1361.4	1362.3	1362.3	1362.3	1362.3	1362.3	1362.3	1361.7	1361.1
152.5°	1402.5	1403.9	1405.4	1406.1	1405.8	1405.2	1404.7	1404.1	1403.5	1403.2	1402.9
155°	1443.5	1445.5	1447.5	1448.5	1447.9	1446.8	1445.7	1444.5	1443.4	1443.1	1442.8
157.5°	1480.2	1481.9	1483.6	1484.5	1483.9	1482.8	1481.7	1480.5	1479.4	1479.1	1478.8
160°	1515.1	1516.3	1517.4	1518.0	1517.3	1515.8	1514.4	1512.9	1511.5	1511.5	1511.5
162.5°	1543.8	1545.9	1547.9	1548.9	1548.2	1546.7	1545.3	1543.8	1542.4	1542.1	1541.8
165°	1569.6	1571.6	1573.6	1574.6	1573.7	1572.0	1570.3	1568.6	1566.9	1566.9	1566.9
167.5°	1592.2	1593.9	1595.6	1596.5	1595.6	1593.9	1592.2	1590.4	1588.7	1588.4	1588.1
170°	1609.5	1611.5	1613.5	1614.5	1613.5	1611.5	1609.5	1607.5	1605.5	1605.5	1605.5
172.5°	1622.3	1624.3	1626.3	1627.3	1626.4	1624.7	1623.0	1621.3	1619.6	1619.6	1619.6
175°	1631.3	1633.3	1635.3	1636.3	1635.4	1633.7	1632.0	1630.3	1628.6	1628.6	1628.6
177.5°	1636.5	1638.5	1640.5	1641.5	1640.6	1638.9	1637.2	1635.5	1633.8	1633.8	1633.8
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	801.8	799.5	799.5	798.0	793.5	785.1	784.4	785.9	781.4	776.8	770.0
5°	841.1	826.7	822.2	817.7	808.6	793.5	787.4	782.1	773.8	764.0	753.4
7.5°	874.4	854.0	847.9	839.6	821.5	800.3	786.7	775.3	764.0	750.4	737.5
10°	916.0	886.5	872.1	860.0	835.1	805.6	785.1	768.5	750.4	733.7	717.1
12.5°	962.9	915.2	910.7	881.2	852.5	808.6	783.6	759.4	735.2	714.8	697.4
15°	1002.2	950.0	931.1	911.5	856.2	801.8	777.6	750.4	722.4	700.4	674.7
17.5°	1027.2	984.1	944.0	917.5	860.0	811.6	764.7	733.7	704.2	674.0	652.8
20°	1057.5	994.7	959.9	924.3	867.6	804.1	757.2	718.6	682.3	655.0	629.3
22.5°	1087.7	1003.0	974.2	935.7	869.1	796.5	743.5	705.0	663.4	636.1	608.1
25°	1084.7	1015.1	967.4	934.9	854.0	789.7	727.7	682.3	643.7	608.9	580.9
27.5°	1087.0	1001.5	953.1	915.2	843.4	779.9	711.0	663.4	623.3	587.0	557.5
30°	1087.7	981.1	938.7	893.3	823.7	756.4	692.1	643.7	601.3	562.0	535.5
32.5°	1085.4	964.4	911.5	870.6	792.7	733.7	670.2	618.7	575.6	539.3	514.4
35°	1080.1	944.7	883.5	832.0	760.9	701.2	649.8	596.8	550.7	517.4	488.6
37.5°	1065.8	923.6	854.0	803.3	723.9	663.4	618.0	574.1	529.5	490.1	465.9
40°	1055.2	894.8	824.5	769.3	683.8	624.8	587.0	545.4	501.5	465.9	442.5
42.5°	1031.0	867.6	794.2	728.4	644.5	583.9	548.4	515.1	477.3	442.5	421.3
45°	991.6	838.1	757.2	690.6	601.3	543.9	511.3	484.1	450.8	417.5	396.4
47.5°	936.4	795.7	717.8	651.3	559.0	500.7	468.2	447.8	421.3	393.3	375.2
50°	876.7	749.6	677.7	611.9	518.1	461.4	429.6	410.7	393.3	367.6	350.2
52.5°	798.8	700.4	631.6	568.8	474.3	419.8	391.8	378.2	360.0	341.9	326.8
55°	723.1	636.9	580.2	520.4	431.1	380.5	353.2	338.9	328.3	313.2	301.0
57.5°	635.4	577.9	525.7	471.2	391.1	344.9	319.2	301.8	295.0	288.2	276.8
60°	554.4	510.6	468.2	422.8	349.5	307.9	282.9	269.3	262.5	257.9	250.4
62.5°	480.3	446.3	410.0	373.7	307.1	269.3	250.4	236.8	230.7	229.9	223.1
65°	409.2	385.0	355.5	320.0	267.8	234.5	216.3	208.0	201.2	201.2	195.9
67.5°	338.1	321.5	298.0	273.1	232.2	201.2	184.6	177.0	173.2	173.2	169.4
70°	281.4	270.0	248.9	226.9	191.4	167.9	155.1	148.3	146.0	146.7	143.7
72.5°	228.4	216.3	198.9	183.0	156.6	139.2	130.1	122.5	118.8	119.5	118.8
75°	177.0	170.9	155.8	143.7	122.5	110.4	102.1	98.3	95.3	96.1	94.6
77.5°	133.1	124.1	115.7	107.4	94.6	84.7	77.9	74.1	71.9	71.9	71.9
80°	90.8	89.3	82.4	77.9	67.3	59.8	54.5	53.7	51.4	51.4	51.4
82.5°	59.0	55.2	51.4	48.4	42.4	37.8	35.6	34.0	33.3	32.5	34.0
85°	32.5	30.3	28.7	25.7	23.4	21.2	18.9	18.2	17.4	18.2	17.4
87.5°	12.9	10.6	10.6	9.8	9.1	8.3	8.3	6.8	6.8	6.1	6.1
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°	48.9	47.2	46.3	45.4	43.7	42.0	40.3	38.6	40.3	42.0	43.7
95°	88.3	86.0	84.9	83.9	81.9	79.9	77.9	75.9	77.9	79.9	81.9
97.5°	133.8	132.1	131.2	130.5	129.1	127.6	126.2	124.8	126.2	127.6	129.1
100°	184.8	183.4	182.7	181.8	180.1	178.4	176.7	175.0	176.7	178.4	180.1
102.5°	239.7	237.7	236.7	236.3	235.4	234.5	233.7	232.8	233.7	234.5	235.4
105°	295.9	293.3	292.0	291.7	291.1	290.6	290.0	289.4	290.0	290.6	291.1
107.5°	359.3	358.2	357.6	357.5	357.2	356.9	356.6	356.3	356.6	356.9	357.2
110°	421.5	421.0	420.7	420.4	419.8	419.3	418.7	418.1	418.7	419.3	419.8

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	483.7	483.7	483.7	483.6	483.3	483.0	482.7	482.4	482.7	483.0	483.3
115°	549.7	550.3	550.6	550.2	549.3	548.4	547.6	546.7	547.6	548.4	549.3
117.5°	612.8	613.3	613.6	613.5	613.2	612.9	612.6	612.3	612.6	612.9	613.2
120°	678.4	679.8	680.5	679.6	677.9	676.2	674.5	672.8	674.5	676.2	677.9
122.5°	740.1	740.7	741.0	740.4	739.3	738.1	737.0	735.8	737.0	738.1	739.3
125°	803.1	803.7	804.0	803.6	802.7	801.9	801.0	800.2	801.0	801.9	802.7
127.5°	866.2	866.7	867.0	866.1	864.4	862.7	861.0	859.3	861.0	862.7	864.4
130°	927.5	928.4	928.8	927.7	925.4	923.1	920.8	918.5	920.8	923.1	925.4
132.5°	987.1	987.7	988.0	986.9	984.6	982.3	980.0	977.7	980.0	982.3	984.6
135°	1045.5	1045.8	1045.9	1045.0	1043.3	1041.6	1039.8	1038.1	1039.8	1041.6	1043.3
137.5°	1101.2	1100.3	1099.9	1099.2	1097.8	1096.3	1094.9	1093.5	1094.9	1096.3	1097.8
140°	1158.2	1157.9	1157.8	1157.1	1155.6	1154.2	1152.7	1151.3	1152.7	1154.2	1155.6
142.5°	1211.4	1210.8	1210.5	1209.8	1208.4	1206.9	1205.5	1204.1	1205.5	1206.9	1208.4
145°	1263.3	1262.4	1262.0	1261.7	1261.1	1260.6	1260.0	1259.4	1260.0	1260.6	1261.1
147.5°	1313.5	1312.6	1312.2	1311.6	1310.5	1309.3	1308.2	1307.0	1308.2	1309.3	1310.5
150°	1360.6	1360.0	1359.7	1359.4	1358.9	1358.3	1357.8	1357.2	1357.8	1358.3	1358.9
152.5°	1402.6	1402.3	1402.2	1401.8	1400.9	1400.0	1399.2	1398.3	1399.2	1400.0	1400.9
155°	1442.5	1442.2	1442.1	1442.1	1442.1	1442.1	1442.1	1442.1	1442.1	1442.1	1442.1
157.5°	1478.5	1478.2	1478.1	1478.2	1478.5	1478.8	1479.1	1479.4	1479.1	1478.8	1478.5
160°	1511.5	1511.5	1511.5	1511.8	1512.4	1512.9	1513.5	1514.1	1513.5	1512.9	1512.4
162.5°	1541.5	1541.2	1541.1	1541.5	1542.4	1543.3	1544.1	1545.0	1544.1	1543.3	1542.4
165°	1566.9	1566.9	1566.9	1567.3	1568.2	1569.0	1569.9	1570.7	1569.9	1569.0	1568.2
167.5°	1587.8	1587.5	1587.4	1588.0	1589.1	1590.3	1591.4	1592.6	1591.4	1590.3	1589.1
170°	1605.5	1605.5	1605.5	1606.1	1607.2	1608.3	1609.5	1610.6	1609.5	1608.3	1607.2
172.5°	1619.6	1619.6	1619.6	1620.2	1621.3	1622.5	1623.6	1624.8	1623.6	1622.5	1621.3
175°	1628.6	1628.6	1628.6	1629.2	1630.3	1631.5	1632.6	1633.8	1632.6	1631.5	1630.3
177.5°	1633.8	1633.8	1633.8	1634.4	1635.5	1636.6	1637.8	1638.9	1637.8	1636.6	1635.5
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	768.5	767.7	769.3	764.7	757.2	753.4	742.8	740.5	739.8	740.5	741.3
5°	747.3	746.6	744.3	736.7	727.7	720.9	708.0	707.2	702.7	698.2	700.4
7.5°	726.9	723.9	719.3	709.5	697.4	689.8	679.2	671.7	665.6	661.9	658.8
10°	706.5	701.9	697.4	684.5	669.4	658.1	645.2	639.2	632.4	629.3	626.3
12.5°	680.0	675.5	667.1	652.0	642.9	628.6	615.7	609.7	605.9	599.8	596.0
15°	658.8	649.8	645.2	629.3	610.4	608.9	585.5	583.9	576.4	576.4	570.3
17.5°	634.6	627.8	619.5	603.6	590.0	576.4	564.3	559.7	552.9	551.4	548.4
20°	611.2	602.1	599.1	583.2	568.8	552.2	539.3	534.8	531.8	528.7	531.0
22.5°	587.0	579.4	571.8	557.5	546.9	530.2	522.7	518.1	513.6	512.1	512.8
25°	563.5	556.7	549.1	534.8	523.4	509.8	503.0	500.7	498.5	498.5	497.7
27.5°	540.8	534.0	527.2	514.4	503.0	493.2	487.9	485.6	483.3	484.9	486.4
30°	517.4	511.3	505.3	493.9	484.9	475.8	472.8	471.2	470.5	474.3	474.3
32.5°	496.2	490.9	486.4	475.8	466.7	459.1	456.9	457.6	458.4	460.6	462.2
35°	474.3	470.5	465.9	456.9	449.3	442.5	443.3	443.3	444.8	448.5	451.6
37.5°	454.6	449.3	445.5	438.0	431.9	425.9	428.1	430.4	431.9	436.4	438.0
40°	431.1	428.9	425.9	418.3	413.0	412.2	413.0	414.5	417.5	419.8	422.1
42.5°	412.2	409.2	405.4	399.4	394.8	395.6	396.4	397.9	399.4	403.2	405.4
45°	391.1	388.8	385.8	380.5	376.7	377.4	378.2	378.2	379.7	384.3	385.8
47.5°	367.6	368.4	364.6	359.3	357.0	357.0	357.0	358.5	362.3	363.8	364.6
50°	344.9	343.4	342.7	337.4	335.8	335.1	335.8	336.6	341.9	341.1	343.4
52.5°	320.7	320.7	320.0	316.9	314.7	314.7	313.2	316.9	318.4	320.0	322.2
55°	297.3	295.0	294.2	292.7	289.7	288.9	290.5	295.0	296.5	298.0	300.3
57.5°	271.5	271.5	270.0	267.8	267.8	267.8	267.8	270.8	273.1	274.6	279.1
60°	248.1	245.1	242.8	242.8	242.8	242.0	246.6	246.6	251.1	251.9	253.4
62.5°	220.1	218.6	217.1	217.8	217.1	218.6	220.1	223.1	223.9	226.2	228.4
65°	193.6	193.6	192.1	196.7	193.6	193.6	197.4	197.4	198.9	201.2	204.2
67.5°	167.9	168.7	167.2	167.2	168.7	169.4	170.2	173.2	174.0	177.0	180.8
70°	141.4	143.0	143.7	142.2	143.7	145.2	146.7	147.5	150.5	152.0	154.3
72.5°	118.0	119.5	117.2	118.0	118.8	120.3	121.0	122.5	124.1	128.6	130.1
75°	94.6	93.8	93.0	96.1	94.6	97.6	98.3	98.3	99.8	103.6	105.1
77.5°	72.6	72.6	73.4	71.9	74.1	73.4	74.1	76.4	78.7	78.7	84.7
80°	50.7	52.2	52.2	52.2	52.9	53.7	52.2	56.0	56.7	56.7	59.0
82.5°	32.5	33.3	32.5	34.0	34.0	35.6	34.8	35.6	37.1	38.6	39.3
85°	17.4	17.4	18.9	18.9	18.2	18.9	18.2	18.9	20.4	20.4	21.2
87.5°	6.1	6.1	6.1	6.1	6.8	6.1	6.8	6.8	6.1	6.1	8.3
90°	12.8	14.2	16.1	19.8	23.5	27.2	30.9	32.0	33.2	34.3	35.4
92.5°	45.4	46.3	47.2	48.9	50.6	52.3	54.0	54.9	55.7	56.6	57.5
95°	83.9	84.9	86.0	88.3	90.6	92.9	95.2	96.3	97.5	98.6	99.7
97.5°	130.5	131.2	132.1	133.8	135.5	137.2	138.9	140.3	141.8	143.2	144.7
100°	181.8	182.7	183.4	184.8	186.3	187.7	189.1	190.0	190.8	191.7	192.6
102.5°	236.3	236.7	237.7	239.7	241.7	243.7	245.7	246.6	247.4	248.3	249.2
105°	291.7	292.0	293.3	295.9	298.4	301.0	303.6	303.6	303.6	303.6	303.6
107.5°	357.5	357.6	358.2	359.3	360.5	361.6	362.8	363.6	364.5	365.3	366.2
110°	420.4	420.7	421.0	421.5	422.1	422.6	423.2	424.4	425.5	426.7	427.8

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	483.6	483.7	483.7	483.7	483.7	483.7	483.7	485.1	486.5	488.0	489.4
115°	550.2	550.6	550.3	549.7	549.2	548.6	548.0	548.3	548.6	548.9	549.2
117.5°	613.5	613.6	613.3	612.8	612.2	611.7	611.1	611.1	611.1	611.1	611.1
120°	679.6	680.5	679.8	678.4	676.9	675.5	674.1	673.8	673.5	673.2	672.9
122.5°	740.4	741.0	740.7	740.1	739.6	739.0	738.4	737.5	736.7	735.8	734.9
125°	803.6	804.0	803.7	803.1	802.6	802.0	801.4	800.3	799.1	798.0	796.9
127.5°	866.1	867.0	866.7	866.2	865.6	865.1	864.5	862.8	861.1	859.4	857.7
130°	927.7	928.8	928.4	927.5	926.6	925.8	924.9	923.8	922.6	921.5	920.4
132.5°	986.9	988.0	987.7	987.1	986.6	986.0	985.4	984.0	982.6	981.1	979.7
135°	1045.0	1045.9	1045.8	1045.5	1045.2	1044.9	1044.6	1043.4	1042.3	1041.1	1040.0
137.5°	1099.2	1099.9	1100.3	1101.2	1102.1	1102.9	1103.8	1102.4	1100.9	1099.5	1098.0
140°	1157.1	1157.8	1157.9	1158.2	1158.5	1158.8	1159.1	1158.8	1158.5	1158.2	1157.9
142.5°	1209.8	1210.5	1210.8	1211.4	1211.9	1212.5	1213.1	1212.8	1212.5	1212.2	1211.9
145°	1261.7	1262.0	1262.4	1263.3	1264.1	1265.0	1265.8	1265.5	1265.3	1265.0	1264.7
147.5°	1311.6	1312.2	1312.6	1313.5	1314.3	1315.2	1316.0	1316.0	1316.0	1316.0	1316.0
150°	1359.4	1359.7	1360.0	1360.6	1361.1	1361.7	1362.3	1362.3	1362.3	1362.3	1362.3
152.5°	1401.8	1402.2	1402.3	1402.6	1402.9	1403.2	1403.5	1404.1	1404.7	1405.2	1405.8
155°	1442.1	1442.1	1442.2	1442.5	1442.8	1443.1	1443.4	1444.5	1445.7	1446.8	1447.9
157.5°	1478.2	1478.1	1478.2	1478.5	1478.8	1479.1	1479.4	1480.5	1481.7	1482.8	1483.9
160°	1511.8	1511.5	1511.5	1511.5	1511.5	1511.5	1511.5	1512.9	1514.4	1515.8	1517.3
162.5°	1541.5	1541.1	1541.2	1541.5	1541.8	1542.1	1542.4	1543.8	1545.3	1546.7	1548.2
165°	1567.3	1566.9	1566.9	1566.9	1566.9	1566.9	1566.9	1568.6	1570.3	1572.0	1573.7
167.5°	1588.0	1587.4	1587.5	1587.8	1588.1	1588.4	1588.7	1590.4	1592.2	1593.9	1595.6
170°	1606.1	1605.5	1605.5	1605.5	1605.5	1605.5	1605.5	1607.5	1609.5	1611.5	1613.5
172.5°	1620.2	1619.6	1619.6	1619.6	1619.6	1619.6	1619.6	1621.3	1623.0	1624.7	1626.4
175°	1629.2	1628.6	1628.6	1628.6	1628.6	1628.6	1628.6	1630.3	1632.0	1633.7	1635.4
177.5°	1634.4	1633.8	1633.8	1633.8	1633.8	1633.8	1633.8	1635.5	1637.2	1638.9	1640.6
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	740.5	741.3	738.2	736.0	742.0	738.2	738.2	739.0	737.5	739.8	739.0
5°	698.9	699.7	694.4	695.9	692.9	692.1	691.4	695.9	695.1	694.4	695.9
7.5°	658.1	658.1	655.8	654.3	654.3	652.0	655.0	654.3	655.8	655.8	658.1
10°	624.0	625.5	621.8	618.0	617.2	618.0	618.0	618.7	619.5	624.8	624.0
12.5°	596.0	593.8	593.0	590.8	587.0	585.5	583.9	592.3	590.0	590.0	590.0
15°	565.0	570.3	569.6	562.8	561.3	564.3	562.8	562.8	570.3	569.6	568.8
17.5°	548.4	546.9	545.4	541.6	542.3	541.6	542.3	542.3	546.9	546.9	546.9
20°	529.5	526.5	526.5	524.9	524.9	522.7	525.7	526.5	529.5	529.5	530.2
22.5°	512.8	510.6	510.6	509.8	511.3	508.3	511.3	512.1	512.1	514.4	514.4
25°	498.5	497.0	497.0	498.5	498.5	498.5	498.5	501.5	499.2	500.0	499.2
27.5°	485.6	486.4	487.1	487.9	487.1	487.9	488.6	490.1	490.9	490.1	488.6
30°	473.5	475.8	476.5	476.5	478.0	478.8	479.6	479.6	480.3	478.0	479.6
32.5°	464.4	464.4	465.9	466.7	468.2	469.0	469.0	470.5	469.7	467.5	468.2
35°	451.6	451.6	454.6	456.1	458.4	457.6	458.4	458.4	459.1	457.6	455.4
37.5°	438.7	440.2	440.2	443.3	444.0	444.8	444.0	445.5	444.8	443.3	442.5
40°	423.6	422.8	423.6	425.9	426.6	426.6	426.6	428.1	428.1	428.1	427.4
42.5°	404.7	406.9	406.2	408.5	407.7	407.7	409.2	410.7	411.5	409.2	410.0
45°	386.5	386.5	388.0	388.0	388.8	388.8	391.8	390.3	391.8	390.3	391.1
47.5°	366.9	367.6	367.6	368.4	369.9	371.4	369.9	370.6	370.6	371.4	369.9
50°	344.9	344.9	346.4	348.7	351.7	350.2	349.5	352.5	350.2	350.2	348.7
52.5°	322.2	324.5	325.3	327.5	329.8	330.5	331.3	329.8	330.5	328.3	329.0
55°	300.3	301.0	304.1	306.3	308.6	308.6	307.9	308.6	309.4	306.3	306.3
57.5°	278.4	280.6	283.7	283.7	286.7	286.7	285.9	285.9	286.7	284.4	283.7
60°	254.9	257.2	261.0	261.0	265.5	266.3	264.7	263.2	263.2	261.0	261.7
62.5°	229.9	232.2	234.5	238.3	241.3	239.8	242.8	239.8	240.5	236.0	236.0
65°	208.0	208.8	212.5	216.3	216.3	217.8	216.3	217.1	214.8	214.8	211.8
67.5°	182.3	182.3	186.1	189.9	193.6	193.6	193.6	191.4	191.4	189.1	189.1
70°	159.6	158.8	162.6	164.9	167.2	167.9	166.4	165.7	164.1	161.9	161.1
72.5°	131.6	133.1	136.9	138.4	142.2	141.4	145.2	140.7	140.7	136.9	136.2
75°	106.7	108.2	111.9	114.2	116.5	116.5	118.8	116.5	113.5	111.9	111.2
77.5°	84.7	84.0	87.0	90.8	91.5	90.8	92.3	91.5	88.5	88.5	87.0
80°	60.5	62.8	65.8	65.1	68.1	67.3	67.3	65.8	65.8	63.5	65.1
82.5°	40.1	42.4	43.1	42.4	43.1	44.6	45.4	44.6	44.6	43.1	43.9
85°	21.2	21.2	22.7	23.4	22.7	22.7	23.4	25.7	24.2	22.7	24.2
87.5°	6.8	6.1	6.1	6.8	6.1	6.1	6.8	6.8	7.6	7.6	7.6
90°	36.0	36.3	36.9	37.4	38.0	38.6	38.0	37.4	36.9	36.3	36.0
92.5°	57.9	57.6	57.0	56.5	55.9	55.3	55.9	56.5	57.0	57.6	57.9
95°	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3
97.5°	145.4	145.3	145.0	144.7	144.4	144.1	144.4	144.7	145.0	145.3	145.4
100°	193.0	193.3	193.8	194.4	194.9	195.5	194.9	194.4	193.8	193.3	193.0
102.5°	249.6	249.5	249.2	248.9	248.6	248.3	248.6	248.9	249.2	249.5	249.6
105°	303.6	303.9	304.5	305.0	305.6	306.2	305.6	305.0	304.5	303.9	303.6
107.5°	366.6	366.5	366.2	365.9	365.6	365.3	365.6	365.9	366.2	366.5	366.6
110°	428.4	428.1	427.5	427.0	426.4	425.8	426.4	427.0	427.5	428.1	428.4



TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	490.1	490.1	490.1	490.1	490.1	490.1	490.1	490.1	490.1	490.1	490.1
115°	549.3	549.2	548.9	548.6	548.3	548.0	548.3	548.6	548.9	549.2	549.3
117.5°	611.1	610.7	609.8	608.9	608.1	607.2	608.1	608.9	609.8	610.7	611.1
120°	672.8	672.5	671.9	671.4	670.8	670.2	670.8	671.4	671.9	672.5	672.8
122.5°	734.5	734.1	733.2	732.4	731.5	730.7	731.5	732.4	733.2	734.1	734.5
125°	796.3	795.7	794.6	793.5	792.3	791.2	792.3	793.5	794.6	795.7	796.3
127.5°	856.8	856.2	855.1	853.9	852.8	851.6	852.8	853.9	855.1	856.2	856.8
130°	919.8	918.8	916.8	914.8	912.8	910.8	912.8	914.8	916.8	918.8	919.8
132.5°	979.0	978.3	976.8	975.4	973.9	972.5	973.9	975.4	976.8	978.3	979.0
135°	1039.4	1039.1	1038.6	1038.0	1037.5	1036.9	1037.5	1038.0	1038.6	1039.1	1039.4
137.5°	1097.3	1096.9	1096.0	1095.2	1094.3	1093.5	1094.3	1095.2	1096.0	1096.9	1097.3
140°	1157.8	1156.8	1154.8	1152.8	1150.8	1148.8	1150.8	1152.8	1154.8	1156.8	1157.8
142.5°	1211.8	1211.1	1209.7	1208.2	1206.8	1205.4	1206.8	1208.2	1209.7	1211.1	1211.8
145°	1264.6	1264.0	1262.9	1261.7	1260.6	1259.4	1260.6	1261.7	1262.9	1264.0	1264.6
147.5°	1316.0	1315.1	1313.4	1311.7	1310.0	1308.3	1310.0	1311.7	1313.4	1315.1	1316.0
150°	1362.3	1361.4	1359.7	1358.0	1356.3	1354.6	1356.3	1358.0	1359.7	1361.4	1362.3
152.5°	1406.1	1405.4	1403.9	1402.5	1401.0	1399.6	1401.0	1402.5	1403.9	1405.4	1406.1
155°	1448.5	1447.5	1445.5	1443.5	1441.5	1439.5	1441.5	1443.5	1445.5	1447.5	1448.5
157.5°	1484.5	1483.6	1481.9	1480.2	1478.5	1476.8	1478.5	1480.2	1481.9	1483.6	1484.5
160°	1518.0	1517.4	1516.3	1515.1	1514.0	1512.8	1514.0	1515.1	1516.3	1517.4	1518.0
162.5°	1548.9	1547.9	1545.9	1543.8	1541.8	1539.8	1541.8	1543.8	1545.9	1547.9	1548.9
165°	1574.6	1573.6	1571.6	1569.6	1567.6	1565.6	1567.6	1569.6	1571.6	1573.6	1574.6
167.5°	1596.5	1595.6	1593.9	1592.2	1590.4	1588.7	1590.4	1592.2	1593.9	1595.6	1596.5
170°	1614.5	1613.5	1611.5	1609.5	1607.5	1605.5	1607.5	1609.5	1611.5	1613.5	1614.5
172.5°	1627.3	1626.3	1624.3	1622.3	1620.3	1618.3	1620.3	1622.3	1624.3	1626.3	1627.3
175°	1636.3	1635.3	1633.3	1631.3	1629.3	1627.3	1629.3	1631.3	1633.3	1635.3	1636.3
177.5°	1641.5	1640.5	1638.5	1636.5	1634.5	1632.5	1634.5	1636.5	1638.5	1640.5	1641.5
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	741.3	742.8	743.5	740.5	738.2	742.0	747.3	751.1	754.1	757.9	760.2
5°	697.4	702.7	702.7	704.2	706.5	710.3	720.1	726.9	733.0	737.5	741.3
7.5°	660.3	664.1	666.4	670.2	674.0	679.2	690.6	700.4	709.5	714.8	720.9
10°	627.1	630.1	633.9	636.1	642.9	650.5	664.9	673.2	683.8	692.1	699.7
12.5°	595.3	605.9	608.1	607.4	613.4	621.8	636.1	649.0	660.3	668.7	677.0
15°	572.6	576.4	580.9	580.2	593.0	595.3	607.4	622.5	637.6	642.9	650.5
17.5°	547.6	553.7	558.2	560.5	564.3	572.6	583.9	595.3	615.0	615.7	635.4
20°	528.0	534.0	537.0	540.1	542.3	552.2	562.0	574.9	590.8	599.1	609.7
22.5°	515.1	518.1	520.4	522.7	525.7	531.0	543.1	557.5	568.1	577.1	583.9
25°	500.0	503.0	506.0	507.5	509.8	512.8	521.9	533.3	548.4	554.4	561.3
27.5°	489.4	489.4	490.9	490.9	493.9	497.0	503.8	514.4	526.5	534.0	543.1
30°	478.0	477.3	478.0	477.3	476.5	481.1	487.1	496.2	504.5	513.6	519.6
32.5°	466.7	465.9	465.9	466.7	463.7	465.9	469.0	477.3	486.4	490.9	497.7
35°	454.6	453.1	453.1	453.1	451.6	450.1	453.1	460.6	466.7	472.8	478.0
37.5°	442.5	440.2	440.2	438.7	437.2	434.9	434.9	441.0	449.3	451.6	458.4
40°	425.9	425.9	424.3	423.6	422.1	420.6	418.3	423.6	431.1	433.4	438.7
42.5°	409.2	406.9	406.2	406.2	406.2	403.9	402.4	406.2	410.7	414.5	417.5
45°	390.3	388.8	389.5	388.8	387.3	386.5	385.8	387.3	392.6	394.1	397.9
47.5°	369.9	369.1	369.1	368.4	367.6	368.4	365.3	369.1	370.6	372.2	375.2
50°	348.7	347.9	347.2	346.4	346.4	347.2	346.4	346.4	349.5	351.0	354.0
52.5°	327.5	325.3	325.3	324.5	324.5	323.0	324.5	325.3	326.8	328.3	329.8
55°	304.8	304.8	302.6	302.6	301.0	301.0	301.8	301.0	304.1	305.6	305.6
57.5°	282.9	279.9	280.6	279.1	277.6	276.8	276.8	278.4	279.9	279.9	281.4
60°	259.4	256.4	255.7	252.6	254.2	251.9	252.6	252.6	255.7	254.2	255.7
62.5°	236.0	232.2	229.9	228.4	228.4	229.2	227.7	226.9	228.4	229.9	233.0
65°	211.0	208.8	206.5	204.2	204.2	203.5	205.0	202.7	202.0	202.7	204.2
67.5°	185.3	183.0	180.8	178.5	179.3	177.0	175.5	177.8	176.2	177.0	178.5
70°	160.4	158.8	154.3	152.8	152.0	152.8	152.0	150.5	152.8	152.0	152.8
72.5°	135.4	133.9	131.6	127.8	127.8	127.1	126.3	126.3	125.6	125.6	125.6
75°	111.2	108.2	105.9	105.1	103.6	102.9	102.1	100.6	101.4	102.1	100.6
77.5°	86.2	82.4	81.7	81.7	79.4	79.4	80.2	79.4	78.7	78.7	78.7
80°	63.5	60.5	60.5	59.0	57.5	57.5	57.5	57.5	56.7	56.0	56.7
82.5°	40.8	40.1	39.3	39.3	40.8	37.8	39.3	38.6	37.8	37.8	37.1
85°	22.7	23.4	22.7	23.4	21.9	22.7	22.7	22.7	21.9	22.7	21.2
87.5°	8.3	8.3	8.3	9.1	9.1	9.1	9.1	9.1	9.8	9.1	9.1
90°	35.4	34.3	33.2	32.0	30.9	27.2	23.5	19.8	16.1	14.2	12.8
92.5°	57.5	56.6	55.7	54.9	54.0	52.3	50.6	48.9	47.2	46.3	45.4
95°	99.7	98.6	97.5	96.3	95.2	92.9	90.6	88.3	86.0	84.9	83.9
97.5°	144.7	143.2	141.8	140.3	138.9	137.2	135.5	133.8	132.1	131.2	130.5
100°	192.6	191.7	190.8	190.0	189.1	187.7	186.3	184.8	183.4	182.7	181.8
102.5°	249.2	248.3	247.4	246.6	245.7	243.7	241.7	239.7	237.7	236.7	236.3
105°	303.6	303.6	303.6	303.6	303.6	301.0	298.4	295.9	293.3	292.0	291.7
107.5°	366.2	365.3	364.5	363.6	362.8	361.6	360.5	359.3	358.2	357.6	357.5
110°	427.8	426.7	425.5	424.4	423.2	422.6	422.1	421.5	421.0	420.7	420.4

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	489.4	488.0	486.5	485.1	483.7	483.7	483.7	483.7	483.7	483.7	483.6
115°	549.2	548.9	548.6	548.3	548.0	548.6	549.2	549.7	550.3	550.6	550.2
117.5°	611.1	611.1	611.1	611.1	611.1	611.7	612.2	612.8	613.3	613.6	613.5
120°	672.9	673.2	673.5	673.8	674.1	675.5	676.9	678.4	679.8	680.5	679.6
122.5°	734.9	735.8	736.7	737.5	738.4	739.0	739.6	740.1	740.7	741.0	740.4
125°	796.9	798.0	799.1	800.3	801.4	802.0	802.6	803.1	803.7	804.0	803.6
127.5°	857.7	859.4	861.1	862.8	864.5	865.1	865.6	866.2	866.7	867.0	866.1
130°	920.4	921.5	922.6	923.8	924.9	925.8	926.6	927.5	928.4	928.8	927.7
132.5°	979.7	981.1	982.6	984.0	985.4	986.0	986.6	987.1	987.7	988.0	986.9
135°	1040.0	1041.1	1042.3	1043.4	1044.6	1044.9	1045.2	1045.5	1045.8	1045.9	1045.0
137.5°	1098.0	1099.5	1100.9	1102.4	1103.8	1102.9	1102.1	1101.2	1100.3	1099.9	1099.2
140°	1157.9	1158.2	1158.5	1158.8	1159.1	1158.8	1158.5	1158.2	1157.9	1157.8	1157.1
142.5°	1211.9	1212.2	1212.5	1212.8	1213.1	1212.5	1211.9	1211.4	1210.8	1210.5	1209.8
145°	1264.7	1265.0	1265.3	1265.5	1265.8	1265.0	1264.1	1263.3	1262.4	1262.0	1261.7
147.5°	1316.0	1316.0	1316.0	1316.0	1316.0	1315.2	1314.3	1313.5	1312.6	1312.2	1311.6
150°	1362.3	1362.3	1362.3	1362.3	1362.3	1361.7	1361.1	1360.6	1360.0	1359.7	1359.4
152.5°	1405.8	1405.2	1404.7	1404.1	1403.5	1403.2	1402.9	1402.6	1402.3	1402.2	1401.8
155°	1447.9	1446.8	1445.7	1444.5	1443.4	1443.1	1442.8	1442.5	1442.2	1442.1	1442.1
157.5°	1483.9	1482.8	1481.7	1480.5	1479.4	1479.1	1478.8	1478.5	1478.2	1478.1	1478.2
160°	1517.3	1515.8	1514.4	1512.9	1511.5	1511.5	1511.5	1511.5	1511.5	1511.5	1511.8
162.5°	1548.2	1546.7	1545.3	1543.8	1542.4	1542.1	1541.8	1541.5	1541.2	1541.1	1541.5
165°	1573.7	1572.0	1570.3	1568.6	1566.9	1566.9	1566.9	1566.9	1566.9	1566.9	1567.3
167.5°	1595.6	1593.9	1592.2	1590.4	1588.7	1588.4	1588.1	1587.8	1587.5	1587.4	1588.0
170°	1613.5	1611.5	1609.5	1607.5	1605.5	1605.5	1605.5	1605.5	1605.5	1605.5	1606.1
172.5°	1626.4	1624.7	1623.0	1621.3	1619.6	1619.6	1619.6	1619.6	1619.6	1619.6	1620.2
175°	1635.4	1633.7	1632.0	1630.3	1628.6	1628.6	1628.6	1628.6	1628.6	1628.6	1629.2
177.5°	1640.6	1638.9	1637.2	1635.5	1633.8	1633.8	1633.8	1633.8	1633.8	1633.8	1634.4
180°	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6	1637.6

TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	780.6	780.6	780.6	780.6
2.5°	764.0	766.2	773.8	782.9
5°	748.8	754.9	765.5	779.9
7.5°	732.2	741.3	756.4	774.6
10°	713.3	726.1	745.1	767.7
12.5°	692.9	709.5	733.7	757.2
15°	680.0	696.6	718.6	744.3
17.5°	655.0	674.7	697.4	733.7
20°	629.3	651.3	680.8	717.1
22.5°	609.7	633.1	661.1	699.7
25°	586.2	610.4	640.7	680.8
27.5°	561.3	585.5	619.5	661.9
30°	542.3	565.8	598.3	643.7
32.5°	519.6	542.3	576.4	624.0
35°	493.9	519.6	552.2	600.6
37.5°	474.3	497.7	531.8	577.9
40°	453.1	473.5	506.8	552.2
42.5°	430.4	453.1	481.8	527.2
45°	409.2	425.9	455.4	498.5
47.5°	386.5	405.4	428.1	461.4
50°	362.3	378.2	403.2	425.9
52.5°	338.9	351.7	372.9	390.3
55°	313.9	326.8	342.7	353.2
57.5°	290.5	299.5	310.1	316.9
60°	261.7	270.8	277.6	284.4
62.5°	236.0	242.8	246.6	250.4
65°	209.5	213.3	215.6	218.6
67.5°	180.8	184.6	185.3	189.9
70°	154.3	155.1	156.6	158.8
72.5°	129.3	130.9	130.1	131.6
75°	103.6	105.1	103.6	105.1
77.5°	78.7	80.2	80.2	82.4
80°	56.7	57.5	58.2	58.2
82.5°	37.1	39.3	37.8	38.6
85°	21.2	21.9	21.9	22.7
87.5°	9.8	10.6	9.8	11.3
90°	9.9	7.0	4.2	1.3
92.5°	43.7	42.0	40.3	38.6
95°	81.9	79.9	77.9	75.9
97.5°	129.1	127.6	126.2	124.8
100°	180.1	178.4	176.7	175.0
102.5°	235.4	234.5	233.7	232.8
105°	291.1	290.6	290.0	289.4
107.5°	357.2	356.9	356.6	356.3
110°	419.8	419.3	418.7	418.1



TEST NUMBER: P1031724

CATALOG NUMBER: S123DIW-B560D1320UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	483.3	483.0	482.7	482.4
115°	549.3	548.4	547.6	546.7
117.5°	613.2	612.9	612.6	612.3
120°	677.9	676.2	674.5	672.8
122.5°	739.3	738.1	737.0	735.8
125°	802.7	801.9	801.0	800.2
127.5°	864.4	862.7	861.0	859.3
130°	925.4	923.1	920.8	918.5
132.5°	984.6	982.3	980.0	977.7
135°	1043.3	1041.6	1039.8	1038.1
137.5°	1097.8	1096.3	1094.9	1093.5
140°	1155.6	1154.2	1152.7	1151.3
142.5°	1208.4	1206.9	1205.5	1204.1
145°	1261.1	1260.6	1260.0	1259.4
147.5°	1310.5	1309.3	1308.2	1307.0
150°	1358.9	1358.3	1357.8	1357.2
152.5°	1400.9	1400.0	1399.2	1398.3
155°	1442.1	1442.1	1442.1	1442.1
157.5°	1478.5	1478.8	1479.1	1479.4
160°	1512.4	1512.9	1513.5	1514.1
162.5°	1542.4	1543.3	1544.1	1545.0
165°	1568.2	1569.0	1569.9	1570.7
167.5°	1589.1	1590.3	1591.4	1592.6
170°	1607.2	1608.3	1609.5	1610.6
172.5°	1621.3	1622.5	1623.6	1624.8
175°	1630.3	1631.5	1632.6	1633.8
177.5°	1635.5	1636.6	1637.8	1638.9
180°	1637.6	1637.6	1637.6	1637.6

(END OF REPORT)