

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: P1030879

Luminaire Tested: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1030879
REPORT IS A COMBINATION OF REPORTS P991584 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K
Description: Define 3 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

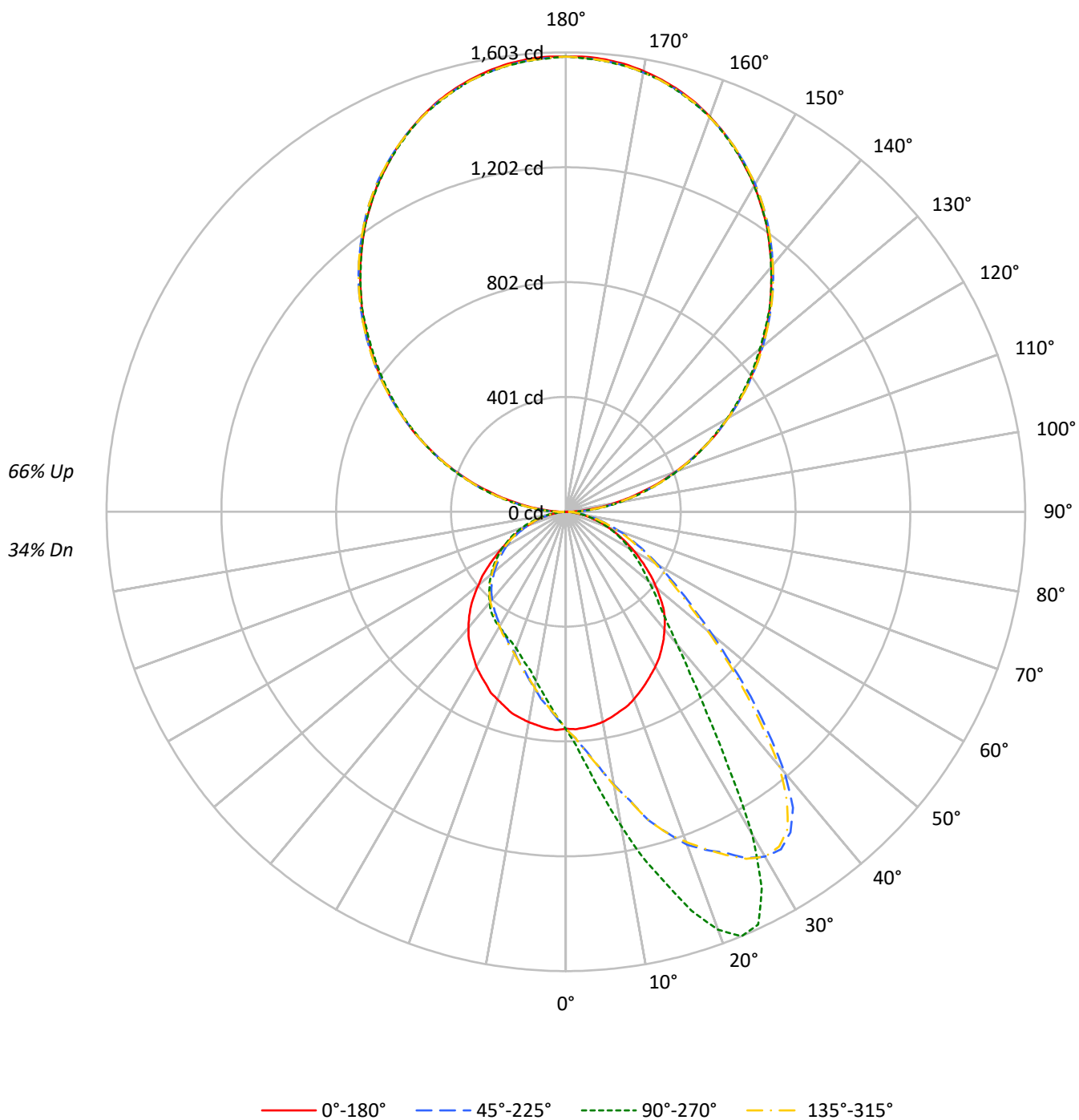
Lumens per Lamp: N/A
Luminaire Lumens: 6689.0 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8149	8149	8149	8149
5°	8155	9389	8179	7008
10°	8103	11363	8110	6120
15°	7991	13475	8055	5509
20°	7895	15514	7911	5068
25°	7751	15905	7768	4839
30°	7649	13141	7649	4689
35°	7523	8788	7475	4556
40°	7370	6344	7279	4353
45°	7179	5026	6973	4100
50°	6716	4267	6477	3852
55°	6208	3750	5956	3575
60°	5691	3266	5390	3284
65°	5125	2795	4876	2897
70°	4538	2321	4235	2442
75°	3880	1750	3629	1885
80°	3067	1168	2828	1238
85°	2113	536	1691	488

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13142 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.5	1.1
10°-20°	239.1	3.6
20°-30°	402.4	6.0
30°-40°	454.7	6.8
40°-50°	407.3	6.1
50°-60°	328.8	4.9
60°-70°	229.1	3.4
70°-80°	120.2	1.8
80°-90°	32.2	0.5
90°-100°	102.2	1.5
100°-110°	309.4	4.6
110°-120°	526.8	7.9
120°-130°	693.0	10.4
130°-140°	779.0	11.6
140°-150°	765.8	11.4
150°-160°	644.8	9.6
160°-170°	429.2	6.4
170°-180°	150.3	2.2
0°-30°	716.0	10.7
0°-40°	1170.7	17.5
0°-60°	1906.8	28.5
0°-90°	2288.3	34.2
90°-120°	938.5	14.0
90°-150°	3176.3	47.5
90°-180°	4401.0	65.8
0°-180°	6689.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	757	757	757	757	757	
5°	756	899	759	671	756	72
15°	722	1339	728	547	722	204
25°	660	1589	662	483	660	305
35°	582	856	579	444	582	365
45°	483	462	470	377	483	370
55°	343	314	329	299	343	307
65°	212	204	202	211	212	211
75°	102	105	95	113	102	109
85°	22	24	18	22	22	25
90°	1	37	1	37	1	7
95°	74	97	74	97	74	81
105°	281	297	281	297	281	301
115°	530	532	530	532	530	525
125°	776	767	776	767	776	692
135°	1007	1006	1007	1006	1007	776
145°	1221	1221	1221	1221	1221	763
155°	1399	1396	1399	1396	1399	644
165°	1523	1518	1523	1518	1523	430
175°	1584	1578	1584	1578	1584	151
180°	1588	1588	1588	1588	1588	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	759.3	765.2	768.1	772.5	776.9	783.5	785.7	789.4	787.9	790.8	792.3
5°	756.4	766.6	775.4	786.4	796.7	804.0	811.4	823.1	831.9	833.4	840.0
7.5°	751.2	765.9	781.3	796.7	816.5	828.2	841.4	857.6	870.8	892.1	900.1
10°	744.6	765.2	787.2	808.4	835.6	853.9	870.1	897.2	924.3	946.4	966.9
12.5°	734.3	760.0	788.6	820.2	855.4	876.7	898.7	934.6	975.7	1009.4	1031.5
15°	721.9	754.1	790.8	824.6	863.5	903.1	926.5	966.9	1025.6	1057.1	1113.6
17.5°	711.6	744.6	781.3	834.1	886.9	926.5	943.4	1017.5	1057.9	1110.7	1174.5
20°	695.5	737.3	784.2	837.0	905.3	929.5	964.0	1038.8	1088.7	1157.6	1236.1
22.5°	678.6	723.3	779.8	834.8	911.1	936.8	983.8	1043.2	1122.4	1190.6	1277.2
25°	660.2	708.7	765.9	831.2	906.0	943.4	987.4	1060.8	1146.6	1232.5	1312.4
27.5°	641.9	694.7	754.1	819.4	892.1	936.1	980.1	1056.4	1166.4	1259.6	1361.6
30°	624.3	677.1	736.5	803.3	879.6	922.1	964.0	1059.3	1181.8	1286.7	1389.5
32.5°	605.2	659.5	721.9	777.6	854.7	900.1	947.1	1059.3	1191.4	1302.9	1396.8
35°	582.5	638.2	691.8	747.5	823.8	874.5	927.3	1052.0	1200.2	1308.0	1366.0
37.5°	560.5	609.6	655.8	710.1	790.1	844.4	905.3	1043.2	1195.8	1286.0	1302.2
40°	535.5	584.7	622.1	672.7	757.1	820.2	881.8	1031.5	1176.7	1233.9	1187.0
42.5°	511.3	550.2	582.5	631.6	723.3	785.0	851.7	1010.2	1139.3	1151.0	1045.4
45°	483.4	511.3	539.9	595.7	686.7	749.7	823.8	979.4	1079.1	1045.4	911.9
47.5°	447.5	472.4	504.0	555.3	647.8	713.1	783.5	939.8	991.8	921.4	775.4
50°	413.0	434.3	463.6	513.5	606.7	670.5	745.3	877.4	903.1	792.3	668.3
52.5°	378.5	394.7	423.3	473.2	566.3	628.0	696.2	813.6	798.9	680.1	570.0
55°	342.6	356.5	383.7	432.8	519.4	578.1	643.4	735.1	696.9	584.0	495.9
57.5°	307.4	322.1	349.9	391.0	472.4	529.7	581.8	653.6	596.4	506.2	428.4
60°	275.8	288.3	309.6	349.9	424.0	470.2	517.9	567.1	519.4	432.1	372.7
62.5°	242.8	254.6	274.4	311.0	374.9	416.0	454.1	494.5	441.6	377.8	325.0
65°	212.0	221.5	239.9	273.6	325.7	359.5	390.3	418.2	375.6	316.9	277.3
67.5°	184.1	192.2	207.6	237.7	281.7	305.9	330.9	354.3	318.4	271.4	237.7
70°	154.1	160.7	174.6	196.6	231.8	256.8	275.1	292.7	260.4	223.0	200.3
72.5°	127.6	134.3	143.1	165.8	190.0	205.4	225.2	234.8	216.4	185.6	162.9
75°	102.0	107.1	115.2	129.8	152.6	162.9	175.3	182.7	165.8	145.3	131.3
77.5°	80.0	82.2	88.0	98.3	113.7	125.4	135.0	139.4	127.6	114.4	102.7
80°	56.5	59.4	63.8	72.6	84.4	88.0	93.9	99.0	91.7	80.0	72.6
82.5°	37.4	41.1	43.3	47.0	54.3	58.7	60.2	64.6	58.0	53.6	50.6
85°	22.0	23.5	24.2	26.4	30.1	32.3	34.5	35.2	33.7	33.0	30.1
87.5°	11.0	11.0	11.0	12.5	13.2	14.7	15.4	15.4	15.4	14.7	13.9
90°	1.2	4.0	6.8	9.5	12.3	13.7	15.5	19.1	22.7	26.3	29.9
92.5°	37.4	39.1	40.7	42.4	44.1	44.9	45.7	47.4	49.1	50.7	52.4
95°	73.6	75.5	77.5	79.4	81.3	82.3	83.4	85.6	87.9	90.1	92.3
97.5°	121.0	122.4	123.8	125.2	126.6	127.3	128.1	129.8	131.4	133.1	134.7
100°	169.7	171.4	173.0	174.7	176.4	177.2	177.9	179.3	180.6	182.0	183.4
102.5°	225.8	226.6	227.5	228.3	229.2	229.6	230.6	232.5	234.4	236.4	238.3
105°	280.7	281.3	281.8	282.4	282.9	283.2	284.4	286.9	289.4	291.9	294.4
107.5°	345.6	345.9	346.1	346.4	346.7	346.8	347.4	348.5	349.6	350.7	351.8
110°	405.5	406.1	406.6	407.2	407.7	408.0	408.3	408.8	409.4	409.9	410.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	467.9	468.2	468.4	468.7	469.0	469.1	469.1	469.1	469.1	469.1	469.1
115°	530.2	531.0	531.9	532.7	533.6	534.0	533.7	533.2	532.6	532.1	531.5
117.5°	593.9	594.2	594.4	594.7	595.0	595.1	594.8	594.3	593.7	593.2	592.6
120°	652.5	654.2	655.8	657.5	659.2	660.0	659.3	657.9	656.5	655.1	653.7
122.5°	713.6	714.7	715.8	716.9	718.0	718.6	718.3	717.8	717.2	716.7	716.1
125°	776.0	776.8	777.7	778.5	779.4	779.8	779.5	779.0	778.4	777.9	777.3
127.5°	833.4	835.1	836.7	838.4	840.1	840.9	840.6	840.1	839.5	839.0	838.4
130°	890.8	893.0	895.2	897.5	899.7	900.8	900.4	899.5	898.7	897.8	897.0
132.5°	948.2	950.4	952.6	954.9	957.1	958.2	957.9	957.4	956.8	956.3	955.7
135°	1006.8	1008.5	1010.1	1011.8	1013.5	1014.3	1014.2	1013.9	1013.6	1013.4	1013.1
137.5°	1060.5	1061.9	1063.3	1064.6	1066.0	1066.7	1067.1	1068.0	1068.8	1069.7	1070.5
140°	1116.6	1118.0	1119.4	1120.8	1122.2	1122.9	1123.0	1123.3	1123.6	1123.8	1124.1
142.5°	1167.8	1169.2	1170.6	1171.9	1173.3	1174.0	1174.3	1174.8	1175.4	1175.9	1176.5
145°	1221.4	1222.0	1222.5	1223.1	1223.6	1223.9	1224.3	1225.2	1226.0	1226.9	1227.7
147.5°	1267.6	1268.7	1269.8	1270.9	1272.0	1272.6	1273.0	1273.8	1274.7	1275.5	1276.3
150°	1316.2	1316.8	1317.3	1317.9	1318.4	1318.7	1319.0	1319.5	1320.1	1320.6	1321.2
152.5°	1356.2	1357.0	1357.8	1358.7	1359.5	1359.9	1360.0	1360.3	1360.6	1360.8	1361.1
155°	1398.6	1398.6	1398.6	1398.6	1398.6	1398.6	1398.7	1399.0	1399.3	1399.5	1399.8
157.5°	1434.8	1434.5	1434.2	1433.9	1433.6	1433.5	1433.6	1433.9	1434.2	1434.5	1434.8
160°	1468.4	1467.8	1467.3	1466.7	1466.2	1465.9	1465.9	1465.9	1465.9	1465.9	1465.9
162.5°	1498.4	1497.6	1496.7	1495.9	1495.0	1494.6	1494.7	1495.0	1495.3	1495.6	1495.9
165°	1523.3	1522.5	1521.7	1520.8	1520.0	1519.6	1519.6	1519.6	1519.6	1519.6	1519.6
167.5°	1544.5	1543.4	1542.3	1541.2	1540.1	1539.6	1539.7	1540.0	1540.3	1540.5	1540.8
170°	1562.0	1560.9	1559.8	1558.7	1557.6	1557.0	1557.0	1557.0	1557.0	1557.0	1557.0
172.5°	1575.7	1574.6	1573.5	1572.4	1571.3	1570.7	1570.7	1570.7	1570.7	1570.7	1570.7
175°	1584.5	1583.4	1582.3	1581.2	1580.1	1579.5	1579.5	1579.5	1579.5	1579.5	1579.5
177.5°	1589.5	1588.4	1587.3	1586.2	1585.1	1584.5	1584.5	1584.5	1584.5	1584.5	1584.5
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	797.4	798.9	804.0	807.7	815.0	814.3	814.3	813.6	811.4	815.0	817.2
5°	853.2	865.7	867.1	883.3	884.0	890.6	895.0	891.3	900.1	899.4	892.8
7.5°	922.1	939.0	947.1	962.5	980.1	975.7	992.6	995.5	994.0	1001.4	1006.5
10°	997.7	1027.1	1047.6	1076.2	1083.5	1087.9	1098.9	1108.5	1127.6	1112.9	1122.4
12.5°	1084.3	1105.5	1132.7	1178.2	1200.9	1215.6	1220.7	1227.3	1240.5	1232.5	1233.2
15°	1156.9	1185.5	1231.7	1288.2	1294.8	1313.2	1308.8	1348.4	1367.4	1338.8	1355.0
17.5°	1232.5	1270.6	1325.6	1374.8	1402.7	1415.1	1426.9	1465.0	1463.5	1459.1	1462.8
20°	1280.9	1343.2	1411.5	1476.8	1484.8	1494.4	1525.9	1542.0	1539.1	1551.6	1559.7
22.5°	1349.1	1415.1	1487.8	1531.0	1549.4	1560.4	1585.3	1595.6	1600.0	1602.9	1597.8
25°	1406.3	1476.8	1530.3	1568.5	1579.5	1585.3	1593.4	1596.3	1594.1	1589.0	1593.4
27.5°	1445.2	1501.7	1538.4	1556.0	1550.1	1540.6	1525.2	1514.9	1492.2	1481.2	1494.4
30°	1461.3	1486.3	1497.3	1467.9	1438.6	1415.1	1385.8	1331.5	1288.9	1301.4	1284.5
32.5°	1435.7	1419.5	1366.7	1291.2	1268.4	1230.3	1147.4	1083.5	1085.7	1052.0	1065.9
35°	1360.1	1286.7	1187.0	1072.5	1042.5	1021.9	930.9	917.0	887.7	856.1	864.9
37.5°	1226.6	1119.5	998.4	914.1	869.3	824.6	773.2	742.4	724.8	711.6	721.9
40°	1063.7	933.1	833.4	757.8	719.7	691.1	655.8	625.0	605.2	603.0	606.7
42.5°	903.8	793.8	702.1	630.2	617.7	584.0	561.2	537.0	531.1	521.6	526.7
45°	765.2	675.7	600.1	541.4	526.7	517.9	490.1	474.6	468.0	462.2	471.0
47.5°	664.6	570.7	515.7	480.5	465.8	451.2	435.8	425.5	420.4	421.1	420.4
50°	567.8	498.9	450.4	423.3	414.5	404.2	391.7	385.1	382.9	376.3	381.5
52.5°	488.6	438.7	405.0	379.3	372.7	365.3	355.1	351.4	346.3	344.8	344.8
55°	424.8	385.9	358.7	341.9	333.8	327.9	322.1	317.7	314.0	314.0	314.0
57.5°	374.9	341.1	321.3	306.6	303.7	297.8	291.2	291.2	286.1	285.4	287.6
60°	332.3	302.2	286.8	274.4	270.0	268.5	261.9	261.9	260.4	256.8	259.7
62.5°	289.0	267.0	253.8	244.3	239.9	239.9	234.8	231.1	231.1	231.8	230.4
65°	249.4	233.3	221.5	214.2	212.0	209.1	208.3	205.4	203.2	203.9	203.2
67.5°	214.2	201.7	193.7	187.8	184.1	182.7	180.5	180.5	179.0	179.7	176.1
70°	182.7	170.2	163.6	157.7	156.3	156.3	153.3	154.1	152.6	154.8	153.3
72.5°	150.4	140.9	135.7	133.5	132.0	131.3	129.8	128.4	127.6	129.1	128.4
75°	121.8	113.7	110.0	108.6	107.1	107.1	106.4	105.6	104.9	104.9	104.9
77.5°	94.6	89.5	85.1	86.6	84.4	85.1	82.9	82.9	83.6	82.9	82.9
80°	69.7	66.0	66.0	64.6	61.6	63.1	63.1	60.9	60.2	61.6	59.4
82.5°	46.2	45.5	44.0	43.3	41.8	42.5	41.8	41.1	40.3	41.8	40.3
85°	27.1	27.1	26.4	24.9	26.4	25.7	24.9	24.9	24.2	24.2	24.2
87.5°	13.9	12.5	12.5	11.7	12.5	11.0	11.7	11.0	10.3	11.0	10.3
90°	31.0	32.1	33.2	34.3	34.9	35.2	35.7	36.3	36.8	37.4	36.8
92.5°	53.2	54.0	54.9	55.7	56.1	55.8	55.3	54.7	54.2	53.6	54.2
95°	93.4	94.5	95.6	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.5°	136.1	137.5	138.9	140.3	141.0	140.9	140.6	140.3	140.0	139.7	140.0
100°	184.2	185.0	185.9	186.7	187.1	187.4	187.9	188.5	189.0	189.6	189.0
102.5°	239.1	239.9	240.8	241.6	242.0	241.9	241.6	241.3	241.1	240.8	241.1
105°	294.4	294.4	294.4	294.4	294.4	294.7	295.2	295.8	296.3	296.9	296.3
107.5°	352.6	353.5	354.3	355.2	355.6	355.5	355.2	354.9	354.6	354.3	354.6
110°	411.6	412.7	413.8	414.9	415.5	415.2	414.7	414.1	413.6	413.0	413.6

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	470.5	471.9	473.2	474.6	475.3	475.3	475.3	475.3	475.3	475.3	475.3
115°	531.8	532.0	532.3	532.6	532.7	532.6	532.3	532.0	531.8	531.5	531.8
117.5°	592.6	592.6	592.6	592.6	592.6	592.2	591.4	590.5	589.7	588.9	589.7
120°	653.4	653.2	652.9	652.6	652.5	652.2	651.7	651.1	650.6	650.0	650.6
122.5°	715.3	714.5	713.6	712.8	712.4	712.0	711.1	710.3	709.4	708.6	709.4
125°	776.2	775.1	774.0	772.9	772.3	771.7	770.6	769.5	768.4	767.3	768.4
127.5°	836.7	835.1	833.4	831.7	830.9	830.3	829.2	828.1	827.0	825.9	827.0
130°	895.9	894.8	893.7	892.6	892.0	891.0	889.1	887.2	885.2	883.3	885.2
132.5°	954.3	952.9	951.5	950.1	949.4	948.7	947.3	946.0	944.6	943.2	944.6
135°	1012.0	1010.9	1009.8	1008.7	1008.1	1007.8	1007.3	1006.7	1006.2	1005.6	1006.2
137.5°	1069.1	1067.7	1066.3	1064.9	1064.2	1063.8	1063.0	1062.1	1061.3	1060.5	1061.3
140°	1123.8	1123.6	1123.3	1123.0	1122.9	1121.9	1120.0	1118.0	1116.1	1114.1	1116.1
142.5°	1176.2	1176.0	1175.7	1175.4	1175.3	1174.6	1173.2	1171.8	1170.4	1169.0	1170.4
145°	1227.4	1227.1	1226.8	1226.5	1226.4	1225.8	1224.7	1223.6	1222.5	1221.4	1222.5
147.5°	1276.3	1276.3	1276.3	1276.3	1276.3	1275.5	1273.8	1272.1	1270.5	1268.8	1270.5
150°	1321.2	1321.2	1321.2	1321.2	1321.2	1320.4	1318.7	1317.0	1315.4	1313.7	1315.4
152.5°	1361.7	1362.2	1362.8	1363.3	1363.6	1362.9	1361.5	1360.2	1358.8	1357.4	1358.8
155°	1400.9	1402.0	1403.1	1404.2	1404.8	1403.8	1401.9	1400.0	1398.0	1396.1	1398.0
157.5°	1435.9	1437.0	1438.1	1439.2	1439.7	1438.9	1437.2	1435.6	1433.9	1432.3	1433.9
160°	1467.3	1468.7	1470.1	1471.5	1472.2	1471.6	1470.5	1469.4	1468.3	1467.2	1468.3
162.5°	1497.3	1498.7	1500.0	1501.4	1502.1	1501.1	1499.2	1497.3	1495.3	1493.4	1495.3
165°	1521.3	1522.9	1524.6	1526.3	1527.1	1526.1	1524.2	1522.2	1520.3	1518.3	1520.3
167.5°	1542.5	1544.1	1545.8	1547.5	1548.3	1547.5	1545.8	1544.1	1542.5	1540.8	1542.5
170°	1559.0	1560.9	1562.9	1564.8	1565.8	1564.8	1562.9	1560.9	1559.0	1557.0	1559.0
172.5°	1572.4	1574.0	1575.7	1577.4	1578.2	1577.2	1575.3	1573.4	1571.4	1569.5	1571.4
175°	1581.2	1582.8	1584.5	1586.2	1587.0	1586.0	1584.1	1582.1	1580.2	1578.2	1580.2
177.5°	1586.2	1587.8	1589.5	1591.2	1592.0	1591.0	1589.1	1587.1	1585.2	1583.2	1585.2
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

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CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	811.4	813.6	807.7	806.2	806.2	809.2	807.0	787.2	790.8	786.4	785.0
5°	900.9	896.5	890.6	887.7	884.0	873.7	873.0	850.3	845.9	831.2	824.6
7.5°	999.2	995.5	977.9	975.7	974.2	964.7	940.5	916.3	898.7	881.8	865.7
10°	1111.4	1100.4	1092.3	1076.2	1068.1	1054.9	1023.4	1000.6	970.6	944.9	911.1
12.5°	1246.4	1233.9	1206.8	1195.0	1184.8	1148.1	1116.6	1090.9	1032.2	1014.6	972.8
15°	1345.4	1319.0	1316.1	1290.4	1288.9	1248.6	1188.4	1160.6	1115.1	1050.5	1007.2
17.5°	1452.5	1429.1	1410.7	1379.9	1375.5	1337.4	1293.4	1225.1	1175.2	1113.6	1058.6
20°	1531.0	1518.6	1487.0	1474.6	1448.9	1416.6	1371.1	1286.7	1225.9	1164.2	1096.7
22.5°	1593.4	1580.9	1556.0	1539.1	1524.4	1482.6	1428.3	1356.4	1272.8	1192.1	1122.4
25°	1592.7	1589.0	1578.7	1570.7	1559.7	1528.8	1483.4	1414.4	1321.2	1232.5	1135.6
27.5°	1502.4	1512.7	1530.3	1539.1	1536.9	1532.5	1506.8	1448.9	1365.2	1259.6	1151.0
30°	1314.6	1352.0	1385.1	1429.1	1442.3	1474.6	1489.2	1456.2	1389.5	1291.2	1170.8
32.5°	1090.1	1144.4	1216.3	1240.5	1282.3	1344.7	1414.4	1426.9	1385.1	1309.5	1183.3
35°	894.3	939.0	994.8	1032.9	1070.3	1171.6	1259.6	1335.9	1349.8	1300.0	1180.4
37.5°	740.2	771.8	820.9	853.2	887.7	974.2	1097.5	1196.5	1266.2	1267.7	1172.3
40°	628.7	642.6	685.2	708.7	741.7	816.5	926.5	1055.7	1157.6	1204.6	1151.0
42.5°	532.6	550.9	586.2	603.8	625.0	690.3	763.0	885.5	1011.6	1112.1	1111.4
45°	475.4	488.6	504.7	519.4	543.6	582.5	665.4	757.1	878.1	991.8	1036.6
47.5°	424.8	437.2	453.4	457.8	473.9	510.6	561.2	641.2	754.1	867.1	951.5
50°	382.2	392.5	403.5	411.6	418.9	449.0	487.1	554.6	644.8	754.1	859.1
52.5°	349.2	356.5	366.1	370.5	377.1	399.1	428.4	478.3	552.4	652.2	754.1
55°	318.4	323.5	329.4	336.7	339.7	355.8	378.5	421.1	476.1	565.6	662.4
57.5°	289.8	292.0	295.6	300.0	303.7	317.7	337.5	366.1	414.5	483.4	575.1
60°	257.5	263.4	265.6	270.0	272.2	283.2	298.6	322.8	360.2	419.6	488.6
62.5°	230.4	234.0	237.7	239.9	245.0	248.7	261.2	283.2	314.0	358.0	420.4
65°	206.1	207.6	209.8	212.0	213.5	217.9	229.6	244.3	267.8	306.6	355.1
67.5°	178.3	179.7	182.7	183.4	184.9	190.7	197.3	209.8	229.6	259.0	298.6
70°	151.1	153.3	154.8	156.3	158.5	160.7	168.0	178.3	193.7	214.2	245.0
72.5°	127.6	129.8	129.8	131.3	130.6	133.5	140.9	148.2	158.5	175.3	202.5
75°	104.2	104.2	105.6	106.4	107.1	110.0	113.0	118.8	126.9	140.1	157.0
77.5°	82.2	81.4	82.9	82.9	82.9	85.1	88.0	91.0	96.1	105.6	118.8
80°	60.2	60.2	61.6	62.4	60.9	61.6	63.1	66.0	69.7	76.3	83.6
82.5°	39.6	42.5	41.8	42.5	41.8	43.3	44.0	44.8	46.2	49.2	54.3
85°	24.2	24.2	24.2	24.9	24.2	24.9	24.9	24.9	25.7	27.1	29.3
87.5°	10.3	10.3	10.3	11.0	10.3	10.3	11.0	10.3	11.0	11.0	11.7
90°	36.3	35.7	35.2	34.9	34.3	33.2	32.1	31.0	29.9	26.3	22.7
92.5°	54.7	55.3	55.8	56.1	55.7	54.9	54.0	53.2	52.4	50.7	49.1
95°	97.3	97.3	97.3	97.3	96.7	95.6	94.5	93.4	92.3	90.1	87.9
97.5°	140.3	140.6	140.9	141.0	140.3	138.9	137.5	136.1	134.7	133.1	131.4
100°	188.5	187.9	187.4	187.1	186.7	185.9	185.0	184.2	183.4	182.0	180.6
102.5°	241.3	241.6	241.9	242.0	241.6	240.8	239.9	239.1	238.3	236.4	234.4
105°	295.8	295.2	294.7	294.4	294.4	294.4	294.4	294.4	294.4	291.9	289.4
107.5°	354.9	355.2	355.5	355.6	355.2	354.3	353.5	352.6	351.8	350.7	349.6
110°	414.1	414.7	415.2	415.5	414.9	413.8	412.7	411.6	410.5	409.9	409.4

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CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	475.3	475.3	475.3	475.3	474.6	473.2	471.9	470.5	469.1	469.1	469.1
115°	532.0	532.3	532.6	532.7	532.6	532.3	532.0	531.8	531.5	532.1	532.6
117.5°	590.5	591.4	592.2	592.6	592.6	592.6	592.6	592.6	592.6	593.2	593.7
120°	651.1	651.7	652.2	652.5	652.6	652.9	653.2	653.4	653.7	655.1	656.5
122.5°	710.3	711.1	712.0	712.4	712.8	713.6	714.5	715.3	716.1	716.7	717.2
125°	769.5	770.6	771.7	772.3	772.9	774.0	775.1	776.2	777.3	777.9	778.4
127.5°	828.1	829.2	830.3	830.9	831.7	833.4	835.1	836.7	838.4	839.0	839.5
130°	887.2	889.1	891.0	892.0	892.6	893.7	894.8	895.9	897.0	897.8	898.7
132.5°	946.0	947.3	948.7	949.4	950.1	951.5	952.9	954.3	955.7	956.3	956.8
135°	1006.7	1007.3	1007.8	1008.1	1008.7	1009.8	1010.9	1012.0	1013.1	1013.4	1013.6
137.5°	1062.1	1063.0	1063.8	1064.2	1064.9	1066.3	1067.7	1069.1	1070.5	1069.7	1068.8
140°	1118.0	1120.0	1121.9	1122.9	1123.0	1123.3	1123.6	1123.8	1124.1	1123.8	1123.6
142.5°	1171.8	1173.2	1174.6	1175.3	1175.4	1175.7	1176.0	1176.2	1176.5	1175.9	1175.4
145°	1223.6	1224.7	1225.8	1226.4	1226.5	1226.8	1227.1	1227.4	1227.7	1226.9	1226.0
147.5°	1272.1	1273.8	1275.5	1276.3	1276.3	1276.3	1276.3	1276.3	1276.3	1275.5	1274.7
150°	1317.0	1318.7	1320.4	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1320.6	1320.1
152.5°	1360.2	1361.5	1362.9	1363.6	1363.3	1362.8	1362.2	1361.7	1361.1	1360.8	1360.6
155°	1400.0	1401.9	1403.8	1404.8	1404.2	1403.1	1402.0	1400.9	1399.8	1399.5	1399.3
157.5°	1435.6	1437.2	1438.9	1439.7	1439.2	1438.1	1437.0	1435.9	1434.8	1434.5	1434.2
160°	1469.4	1470.5	1471.6	1472.2	1471.5	1470.1	1468.7	1467.3	1465.9	1465.9	1465.9
162.5°	1497.3	1499.2	1501.1	1502.1	1501.4	1500.0	1498.7	1497.3	1495.9	1495.6	1495.3
165°	1522.2	1524.2	1526.1	1527.1	1526.3	1524.6	1522.9	1521.3	1519.6	1519.6	1519.6
167.5°	1544.1	1545.8	1547.5	1548.3	1547.5	1545.8	1544.1	1542.5	1540.8	1540.5	1540.3
170°	1560.9	1562.9	1564.8	1565.8	1564.8	1562.9	1560.9	1559.0	1557.0	1557.0	1557.0
172.5°	1573.4	1575.3	1577.2	1578.2	1577.4	1575.7	1574.0	1572.4	1570.7	1570.7	1570.7
175°	1582.1	1584.1	1586.0	1587.0	1586.2	1584.5	1582.8	1581.2	1579.5	1579.5	1579.5
177.5°	1587.1	1589.1	1591.0	1592.0	1591.2	1589.5	1587.8	1586.2	1584.5	1584.5	1584.5
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	777.6	775.4	775.4	774.0	769.6	761.5	760.8	762.2	757.8	753.4	746.8
5°	815.8	801.8	797.4	793.0	784.2	769.6	763.7	758.6	750.5	740.9	730.7
7.5°	848.1	828.2	822.4	814.3	796.7	776.2	763.0	751.9	740.9	727.7	715.3
10°	888.4	859.8	845.9	834.1	809.9	781.3	761.5	745.3	727.7	711.6	695.5
12.5°	933.9	887.7	883.3	854.7	826.8	784.2	760.0	736.5	713.1	693.3	676.4
15°	972.0	921.4	903.1	884.0	830.4	777.6	754.1	727.7	700.6	679.3	654.4
17.5°	996.2	954.4	915.5	889.9	834.1	787.2	741.7	711.6	683.0	653.6	633.1
20°	1025.6	964.7	930.9	896.5	841.4	779.8	734.3	696.9	661.7	635.3	610.4
22.5°	1054.9	972.8	944.9	907.5	842.9	772.5	721.1	683.7	643.4	617.0	589.8
25°	1052.0	984.5	938.3	906.7	828.2	765.9	705.7	661.7	624.3	590.6	563.4
27.5°	1054.2	971.3	924.3	887.7	818.0	756.4	689.6	643.4	604.5	569.3	540.7
30°	1054.9	951.5	910.4	866.4	798.9	733.6	671.3	624.3	583.2	545.1	519.4
32.5°	1052.7	935.4	884.0	844.4	768.8	711.6	650.0	600.1	558.3	523.1	498.9
35°	1047.6	916.3	856.9	807.0	738.0	680.1	630.2	578.8	534.1	501.8	473.9
37.5°	1033.7	895.7	828.2	779.1	702.1	643.4	599.4	556.8	513.5	475.4	451.9
40°	1023.4	867.9	799.6	746.1	663.2	606.0	569.3	528.9	486.4	451.9	429.2
42.5°	999.9	841.4	770.3	706.5	625.0	566.3	531.9	499.6	462.9	429.2	408.6
45°	961.8	812.8	734.3	669.8	583.2	527.5	495.9	469.5	437.2	405.0	384.4
47.5°	908.2	771.8	696.2	631.6	542.1	485.6	454.1	434.3	408.6	381.5	363.9
50°	850.3	727.0	657.3	593.5	502.5	447.5	416.7	398.3	381.5	356.5	339.7
52.5°	774.7	679.3	612.6	551.7	460.0	407.2	380.0	366.8	349.2	331.6	316.9
55°	701.3	617.7	562.7	504.7	418.2	369.0	342.6	328.7	318.4	303.7	292.0
57.5°	616.2	560.5	509.9	457.0	379.3	334.5	309.6	292.7	286.1	279.5	268.5
60°	537.7	495.2	454.1	410.1	338.9	298.6	274.4	261.2	254.6	250.2	242.8
62.5°	465.8	432.8	397.6	362.4	297.8	261.2	242.8	229.6	223.8	223.0	216.4
65°	396.9	373.4	344.8	310.3	259.7	227.4	209.8	201.7	195.1	195.1	190.0
67.5°	327.9	311.8	289.0	264.8	225.2	195.1	179.0	171.7	168.0	168.0	164.3
70°	272.9	261.9	241.4	220.1	185.6	162.9	150.4	143.8	141.6	142.3	139.4
72.5°	221.5	209.8	192.9	177.5	151.9	135.0	126.2	118.8	115.2	115.9	115.2
75°	171.7	165.8	151.1	139.4	118.8	107.1	99.0	95.4	92.4	93.2	91.7
77.5°	129.1	120.3	112.2	104.2	91.7	82.2	75.6	71.9	69.7	69.7	69.7
80°	88.0	86.6	80.0	75.6	65.3	58.0	52.8	52.1	49.9	49.9	49.9
82.5°	57.2	53.6	49.9	47.0	41.1	36.7	34.5	33.0	32.3	31.5	33.0
85°	31.5	29.3	27.9	24.9	22.7	20.5	18.3	17.6	16.9	17.6	16.9
87.5°	12.5	10.3	10.3	9.5	8.8	8.1	8.1	6.6	6.6	5.9	5.9
90°	19.1	15.5	13.7	12.3	9.5	6.8	4.0	1.2	4.0	6.8	9.5
92.5°	47.4	45.7	44.9	44.1	42.4	40.7	39.1	37.4	39.1	40.7	42.4
95°	85.6	83.4	82.3	81.3	79.4	77.5	75.5	73.6	75.5	77.5	79.4
97.5°	129.8	128.1	127.3	126.6	125.2	123.8	122.4	121.0	122.4	123.8	125.2
100°	179.3	177.9	177.2	176.4	174.7	173.0	171.4	169.7	171.4	173.0	174.7
102.5°	232.5	230.6	229.6	229.2	228.3	227.5	226.6	225.8	226.6	227.5	228.3
105°	286.9	284.4	283.2	282.9	282.4	281.8	281.3	280.7	281.3	281.8	282.4
107.5°	348.5	347.4	346.8	346.7	346.4	346.1	345.9	345.6	345.9	346.1	346.4
110°	408.8	408.3	408.0	407.7	407.2	406.6	406.1	405.5	406.1	406.6	407.2

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	469.1	469.1	469.1	469.0	468.7	468.4	468.2	467.9	468.2	468.4	468.7
115°	533.2	533.7	534.0	533.6	532.7	531.9	531.0	530.2	531.0	531.9	532.7
117.5°	594.3	594.8	595.1	595.0	594.7	594.4	594.2	593.9	594.2	594.4	594.7
120°	657.9	659.3	660.0	659.2	657.5	655.8	654.2	652.5	654.2	655.8	657.5
122.5°	717.8	718.3	718.6	718.0	716.9	715.8	714.7	713.6	714.7	715.8	716.9
125°	779.0	779.5	779.8	779.4	778.5	777.7	776.8	776.0	776.8	777.7	778.5
127.5°	840.1	840.6	840.9	840.1	838.4	836.7	835.1	833.4	835.1	836.7	838.4
130°	899.5	900.4	900.8	899.7	897.5	895.2	893.0	890.8	893.0	895.2	897.5
132.5°	957.4	957.9	958.2	957.1	954.9	952.6	950.4	948.2	950.4	952.6	954.9
135°	1013.9	1014.2	1014.3	1013.5	1011.8	1010.1	1008.5	1006.8	1008.5	1010.1	1011.8
137.5°	1068.0	1067.1	1066.7	1066.0	1064.6	1063.3	1061.9	1060.5	1061.9	1063.3	1064.6
140°	1123.3	1123.0	1122.9	1122.2	1120.8	1119.4	1118.0	1116.6	1118.0	1119.4	1120.8
142.5°	1174.8	1174.3	1174.0	1173.3	1171.9	1170.6	1169.2	1167.8	1169.2	1170.6	1171.9
145°	1225.2	1224.3	1223.9	1223.6	1223.1	1222.5	1222.0	1221.4	1222.0	1222.5	1223.1
147.5°	1273.8	1273.0	1272.6	1272.0	1270.9	1269.8	1268.7	1267.6	1268.7	1269.8	1270.9
150°	1319.5	1319.0	1318.7	1318.4	1317.9	1317.3	1316.8	1316.2	1316.8	1317.3	1317.9
152.5°	1360.3	1360.0	1359.9	1359.5	1358.7	1357.8	1357.0	1356.2	1357.0	1357.8	1358.7
155°	1399.0	1398.7	1398.6	1398.6	1398.6	1398.6	1398.6	1398.6	1398.6	1398.6	1398.6
157.5°	1433.9	1433.6	1433.5	1433.6	1433.9	1434.2	1434.5	1434.8	1434.5	1434.2	1433.9
160°	1465.9	1465.9	1465.9	1466.2	1466.7	1467.3	1467.8	1468.4	1467.8	1467.3	1466.7
162.5°	1495.0	1494.7	1494.6	1495.0	1495.9	1496.7	1497.6	1498.4	1497.6	1496.7	1495.9
165°	1519.6	1519.6	1519.6	1520.0	1520.8	1521.7	1522.5	1523.3	1522.5	1521.7	1520.8
167.5°	1540.0	1539.7	1539.6	1540.1	1541.2	1542.3	1543.4	1544.5	1543.4	1542.3	1541.2
170°	1557.0	1557.0	1557.0	1557.6	1558.7	1559.8	1560.9	1562.0	1560.9	1559.8	1558.7
172.5°	1570.7	1570.7	1570.7	1571.3	1572.4	1573.5	1574.6	1575.7	1574.6	1573.5	1572.4
175°	1579.5	1579.5	1579.5	1580.1	1581.2	1582.3	1583.4	1584.5	1583.4	1582.3	1581.2
177.5°	1584.5	1584.5	1584.5	1585.1	1586.2	1587.3	1588.4	1589.5	1588.4	1587.3	1586.2
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

TEST NUMBER: P1030879

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	745.3	744.6	746.1	741.7	734.3	730.7	720.4	718.2	717.5	718.2	718.9
5°	724.8	724.1	721.9	714.5	705.7	699.1	686.7	685.9	681.5	677.1	679.3
7.5°	705.0	702.1	697.7	688.1	676.4	669.1	658.8	651.4	645.6	641.9	639.0
10°	685.2	680.8	676.4	663.9	649.2	638.2	625.8	619.9	613.3	610.4	607.4
12.5°	659.5	655.1	647.0	632.4	623.6	609.6	597.2	591.3	587.6	581.8	578.1
15°	639.0	630.2	625.8	610.4	592.0	590.6	567.8	566.3	559.0	559.0	553.1
17.5°	615.5	608.9	600.8	585.4	572.2	559.0	547.3	542.9	536.3	534.8	531.9
20°	592.8	584.0	581.0	565.6	551.7	535.5	523.1	518.7	515.7	512.8	515.0
22.5°	569.3	561.9	554.6	540.7	530.4	514.3	506.9	502.5	498.1	496.7	497.4
25°	546.5	539.9	532.6	518.7	507.7	494.5	487.8	485.6	483.4	483.4	482.7
27.5°	524.5	517.9	511.3	498.9	487.8	478.3	473.2	471.0	468.8	470.2	471.7
30°	501.8	495.9	490.1	479.0	470.2	461.4	458.5	457.0	456.3	460.0	460.0
32.5°	481.2	476.1	471.7	461.4	452.6	445.3	443.1	443.8	444.6	446.8	448.2
35°	460.0	456.3	451.9	443.1	435.8	429.2	429.9	429.9	431.4	435.0	438.0
37.5°	440.9	435.8	432.1	424.8	418.9	413.0	415.2	417.4	418.9	423.3	424.8
40°	418.2	416.0	413.0	405.7	400.6	399.8	400.6	402.0	405.0	407.2	409.4
42.5°	399.8	396.9	393.2	387.3	382.9	383.7	384.4	385.9	387.3	391.0	393.2
45°	379.3	377.1	374.1	369.0	365.3	366.1	366.8	366.8	368.3	372.7	374.1
47.5°	356.5	357.3	353.6	348.5	346.3	346.3	346.3	347.7	351.4	352.9	353.6
50°	334.5	333.1	332.3	327.2	325.7	325.0	325.7	326.5	331.6	330.9	333.1
52.5°	311.0	311.0	310.3	307.4	305.2	305.2	303.7	307.4	308.8	310.3	312.5
55°	288.3	286.1	285.4	283.9	281.0	280.2	281.7	286.1	287.6	289.0	291.2
57.5°	263.4	263.4	261.9	259.7	259.7	259.7	259.7	262.6	264.8	266.3	270.7
60°	240.6	237.7	235.5	235.5	235.5	234.8	239.2	239.2	243.6	244.3	245.8
62.5°	213.5	212.0	210.5	211.3	210.5	212.0	213.5	216.4	217.1	219.3	221.5
65°	187.8	187.8	186.3	190.7	187.8	187.8	191.5	191.5	192.9	195.1	198.1
67.5°	162.9	163.6	162.1	162.1	163.6	164.3	165.1	168.0	168.7	171.7	175.3
70°	137.2	138.7	139.4	137.9	139.4	140.9	142.3	143.1	146.0	147.5	149.7
72.5°	114.4	115.9	113.7	114.4	115.2	116.6	117.4	118.8	120.3	124.7	126.2
75°	91.7	91.0	90.2	93.2	91.7	94.6	95.4	95.4	96.8	100.5	102.0
77.5°	70.4	70.4	71.2	69.7	71.9	71.2	71.9	74.1	76.3	76.3	82.2
80°	49.2	50.6	50.6	50.6	51.4	52.1	50.6	54.3	55.0	55.0	57.2
82.5°	31.5	32.3	31.5	33.0	33.0	34.5	33.7	34.5	35.9	37.4	38.1
85°	16.9	16.9	18.3	18.3	17.6	18.3	17.6	18.3	19.8	19.8	20.5
87.5°	5.9	5.9	5.9	5.9	6.6	5.9	6.6	6.6	5.9	5.9	8.1
90°	12.3	13.7	15.5	19.1	22.7	26.3	29.9	31.0	32.1	33.2	34.3
92.5°	44.1	44.9	45.7	47.4	49.1	50.7	52.4	53.2	54.0	54.9	55.7
95°	81.3	82.3	83.4	85.6	87.9	90.1	92.3	93.4	94.5	95.6	96.7
97.5°	126.6	127.3	128.1	129.8	131.4	133.1	134.7	136.1	137.5	138.9	140.3
100°	176.4	177.2	177.9	179.3	180.6	182.0	183.4	184.2	185.0	185.9	186.7
102.5°	229.2	229.6	230.6	232.5	234.4	236.4	238.3	239.1	239.9	240.8	241.6
105°	282.9	283.2	284.4	286.9	289.4	291.9	294.4	294.4	294.4	294.4	294.4
107.5°	346.7	346.8	347.4	348.5	349.6	350.7	351.8	352.6	353.5	354.3	355.2
110°	407.7	408.0	408.3	408.8	409.4	409.9	410.5	411.6	412.7	413.8	414.9

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CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	469.0	469.1	469.1	469.1	469.1	469.1	469.1	470.5	471.9	473.2	474.6
115°	533.6	534.0	533.7	533.2	532.6	532.1	531.5	531.8	532.0	532.3	532.6
117.5°	595.0	595.1	594.8	594.3	593.7	593.2	592.6	592.6	592.6	592.6	592.6
120°	659.2	660.0	659.3	657.9	656.5	655.1	653.7	653.4	653.2	652.9	652.6
122.5°	718.0	718.6	718.3	717.8	717.2	716.7	716.1	715.3	714.5	713.6	712.8
125°	779.4	779.8	779.5	779.0	778.4	777.9	777.3	776.2	775.1	774.0	772.9
127.5°	840.1	840.9	840.6	840.1	839.5	839.0	838.4	836.7	835.1	833.4	831.7
130°	899.7	900.8	900.4	899.5	898.7	897.8	897.0	895.9	894.8	893.7	892.6
132.5°	957.1	958.2	957.9	957.4	956.8	956.3	955.7	954.3	952.9	951.5	950.1
135°	1013.5	1014.3	1014.2	1013.9	1013.6	1013.4	1013.1	1012.0	1010.9	1009.8	1008.7
137.5°	1066.0	1066.7	1067.1	1068.0	1068.8	1069.7	1070.5	1069.1	1067.7	1066.3	1064.9
140°	1122.2	1122.9	1123.0	1123.3	1123.6	1123.8	1124.1	1123.8	1123.6	1123.3	1123.0
142.5°	1173.3	1174.0	1174.3	1174.8	1175.4	1175.9	1176.5	1176.2	1176.0	1175.7	1175.4
145°	1223.6	1223.9	1224.3	1225.2	1226.0	1226.9	1227.7	1227.4	1227.1	1226.8	1226.5
147.5°	1272.0	1272.6	1273.0	1273.8	1274.7	1275.5	1276.3	1276.3	1276.3	1276.3	1276.3
150°	1318.4	1318.7	1319.0	1319.5	1320.1	1320.6	1321.2	1321.2	1321.2	1321.2	1321.2
152.5°	1359.5	1359.9	1360.0	1360.3	1360.6	1360.8	1361.1	1361.7	1362.2	1362.8	1363.3
155°	1398.6	1398.6	1398.7	1399.0	1399.3	1399.5	1399.8	1400.9	1402.0	1403.1	1404.2
157.5°	1433.6	1433.5	1433.6	1433.9	1434.2	1434.5	1434.8	1435.9	1437.0	1438.1	1439.2
160°	1466.2	1465.9	1465.9	1465.9	1465.9	1465.9	1465.9	1467.3	1468.7	1470.1	1471.5
162.5°	1495.0	1494.6	1494.7	1495.0	1495.3	1495.6	1495.9	1497.3	1498.7	1500.0	1501.4
165°	1520.0	1519.6	1519.6	1519.6	1519.6	1519.6	1519.6	1521.3	1522.9	1524.6	1526.3
167.5°	1540.1	1539.6	1539.7	1540.0	1540.3	1540.5	1540.8	1542.5	1544.1	1545.8	1547.5
170°	1557.6	1557.0	1557.0	1557.0	1557.0	1557.0	1557.0	1559.0	1560.9	1562.9	1564.8
172.5°	1571.3	1570.7	1570.7	1570.7	1570.7	1570.7	1570.7	1572.4	1574.0	1575.7	1577.4
175°	1580.1	1579.5	1579.5	1579.5	1579.5	1579.5	1579.5	1581.2	1582.8	1584.5	1586.2
177.5°	1585.1	1584.5	1584.5	1584.5	1584.5	1584.5	1584.5	1586.2	1587.8	1589.5	1591.2
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

TEST NUMBER: P1030879

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	718.2	718.9	716.0	713.8	719.7	716.0	716.0	716.7	715.3	717.5	716.7
5°	677.9	678.6	673.5	674.9	672.0	671.3	670.5	674.9	674.2	673.5	674.9
7.5°	638.2	638.2	636.0	634.6	634.6	632.4	635.3	634.6	636.0	636.0	638.2
10°	605.2	606.7	603.0	599.4	598.6	599.4	599.4	600.1	600.8	606.0	605.2
12.5°	578.1	575.9	575.1	572.9	569.3	567.8	566.3	574.4	572.2	572.2	572.2
15°	548.0	553.1	552.4	545.8	544.3	547.3	545.8	545.8	553.1	552.4	551.7
17.5°	531.9	530.4	528.9	525.3	526.0	525.3	526.0	526.0	530.4	530.4	530.4
20°	513.5	510.6	510.6	509.1	509.1	506.9	509.9	510.6	513.5	513.5	514.3
22.5°	497.4	495.2	495.2	494.5	495.9	493.0	495.9	496.7	496.7	498.9	498.9
25°	483.4	482.0	482.0	483.4	483.4	483.4	483.4	486.4	484.2	484.9	484.2
27.5°	471.0	471.7	472.4	473.2	472.4	473.2	473.9	475.4	476.1	475.4	473.9
30°	459.2	461.4	462.2	462.2	463.6	464.4	465.1	465.1	465.8	463.6	465.1
32.5°	450.4	450.4	451.9	452.6	454.1	454.8	454.8	456.3	455.6	453.4	454.1
35°	438.0	438.0	440.9	442.4	444.6	443.8	444.6	444.6	445.3	443.8	441.6
37.5°	425.5	427.0	427.0	429.9	430.6	431.4	430.6	432.1	431.4	429.9	429.2
40°	410.8	410.1	410.8	413.0	413.8	413.8	413.8	415.2	415.2	415.2	414.5
42.5°	392.5	394.7	393.9	396.1	395.4	395.4	396.9	398.3	399.1	396.9	397.6
45°	374.9	374.9	376.3	376.3	377.1	377.1	380.0	378.5	380.0	378.5	379.3
47.5°	355.8	356.5	356.5	357.3	358.7	360.2	358.7	359.5	359.5	360.2	358.7
50°	334.5	334.5	336.0	338.2	341.1	339.7	338.9	341.9	339.7	339.7	338.2
52.5°	312.5	314.7	315.5	317.7	319.9	320.6	321.3	319.9	320.6	318.4	319.1
55°	291.2	292.0	294.9	297.1	299.3	299.3	298.6	299.3	300.0	297.1	297.1
57.5°	270.0	272.2	275.1	275.1	278.0	278.0	277.3	277.3	278.0	275.8	275.1
60°	247.2	249.4	253.1	253.1	257.5	258.2	256.8	255.3	255.3	253.1	253.8
62.5°	223.0	225.2	227.4	231.1	234.0	232.6	235.5	232.6	233.3	228.9	228.9
65°	201.7	202.5	206.1	209.8	209.8	211.3	209.8	210.5	208.3	208.3	205.4
67.5°	176.8	176.8	180.5	184.1	187.8	187.8	187.8	185.6	185.6	183.4	183.4
70°	154.8	154.1	157.7	159.9	162.1	162.9	161.4	160.7	159.2	157.0	156.3
72.5°	127.6	129.1	132.8	134.3	137.9	137.2	140.9	136.5	136.5	132.8	132.0
75°	103.4	104.9	108.6	110.8	113.0	113.0	115.2	113.0	110.0	108.6	107.8
77.5°	82.2	81.4	84.4	88.0	88.8	88.0	89.5	88.8	85.8	85.8	84.4
80°	58.7	60.9	63.8	63.1	66.0	65.3	65.3	63.8	63.8	61.6	63.1
82.5°	38.9	41.1	41.8	41.1	41.8	43.3	44.0	43.3	43.3	41.8	42.5
85°	20.5	20.5	22.0	22.7	22.0	22.0	22.7	24.9	23.5	22.0	23.5
87.5°	6.6	5.9	5.9	6.6	5.9	5.9	6.6	6.6	7.3	7.3	7.3
90°	34.9	35.2	35.7	36.3	36.8	37.4	36.8	36.3	35.7	35.2	34.9
92.5°	56.1	55.8	55.3	54.7	54.2	53.6	54.2	54.7	55.3	55.8	56.1
95°	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.5°	141.0	140.9	140.6	140.3	140.0	139.7	140.0	140.3	140.6	140.9	141.0
100°	187.1	187.4	187.9	188.5	189.0	189.6	189.0	188.5	187.9	187.4	187.1
102.5°	242.0	241.9	241.6	241.3	241.1	240.8	241.1	241.3	241.6	241.9	242.0
105°	294.4	294.7	295.2	295.8	296.3	296.9	296.3	295.8	295.2	294.7	294.4
107.5°	355.6	355.5	355.2	354.9	354.6	354.3	354.6	354.9	355.2	355.5	355.6
110°	415.5	415.2	414.7	414.1	413.6	413.0	413.6	414.1	414.7	415.2	415.5

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	475.3	475.3	475.3	475.3	475.3	475.3	475.3	475.3	475.3	475.3	475.3
115°	532.7	532.6	532.3	532.0	531.8	531.5	531.8	532.0	532.3	532.6	532.7
117.5°	592.6	592.2	591.4	590.5	589.7	588.9	589.7	590.5	591.4	592.2	592.6
120°	652.5	652.2	651.7	651.1	650.6	650.0	650.6	651.1	651.7	652.2	652.5
122.5°	712.4	712.0	711.1	710.3	709.4	708.6	709.4	710.3	711.1	712.0	712.4
125°	772.3	771.7	770.6	769.5	768.4	767.3	768.4	769.5	770.6	771.7	772.3
127.5°	830.9	830.3	829.2	828.1	827.0	825.9	827.0	828.1	829.2	830.3	830.9
130°	892.0	891.0	889.1	887.2	885.2	883.3	885.2	887.2	889.1	891.0	892.0
132.5°	949.4	948.7	947.3	946.0	944.6	943.2	944.6	946.0	947.3	948.7	949.4
135°	1008.1	1007.8	1007.3	1006.7	1006.2	1005.6	1006.2	1006.7	1007.3	1007.8	1008.1
137.5°	1064.2	1063.8	1063.0	1062.1	1061.3	1060.5	1061.3	1062.1	1063.0	1063.8	1064.2
140°	1122.9	1121.9	1120.0	1118.0	1116.1	1114.1	1116.1	1118.0	1120.0	1121.9	1122.9
142.5°	1175.3	1174.6	1173.2	1171.8	1170.4	1169.0	1170.4	1171.8	1173.2	1174.6	1175.3
145°	1226.4	1225.8	1224.7	1223.6	1222.5	1221.4	1222.5	1223.6	1224.7	1225.8	1226.4
147.5°	1276.3	1275.5	1273.8	1272.1	1270.5	1268.8	1270.5	1272.1	1273.8	1275.5	1276.3
150°	1321.2	1320.4	1318.7	1317.0	1315.4	1313.7	1315.4	1317.0	1318.7	1320.4	1321.2
152.5°	1363.6	1362.9	1361.5	1360.2	1358.8	1357.4	1358.8	1360.2	1361.5	1362.9	1363.6
155°	1404.8	1403.8	1401.9	1400.0	1398.0	1396.1	1398.0	1400.0	1401.9	1403.8	1404.8
157.5°	1439.7	1438.9	1437.2	1435.6	1433.9	1432.3	1433.9	1435.6	1437.2	1438.9	1439.7
160°	1472.2	1471.6	1470.5	1469.4	1468.3	1467.2	1468.3	1469.4	1470.5	1471.6	1472.2
162.5°	1502.1	1501.1	1499.2	1497.3	1495.3	1493.4	1495.3	1497.3	1499.2	1501.1	1502.1
165°	1527.1	1526.1	1524.2	1522.2	1520.3	1518.3	1520.3	1522.2	1524.2	1526.1	1527.1
167.5°	1548.3	1547.5	1545.8	1544.1	1542.5	1540.8	1542.5	1544.1	1545.8	1547.5	1548.3
170°	1565.8	1564.8	1562.9	1560.9	1559.0	1557.0	1559.0	1560.9	1562.9	1564.8	1565.8
172.5°	1578.2	1577.2	1575.3	1573.4	1571.4	1569.5	1571.4	1573.4	1575.3	1577.2	1578.2
175°	1587.0	1586.0	1584.1	1582.1	1580.2	1578.2	1580.2	1582.1	1584.1	1586.0	1587.0
177.5°	1592.0	1591.0	1589.1	1587.1	1585.2	1583.2	1585.2	1587.1	1589.1	1591.0	1592.0
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	718.9	720.4	721.1	718.2	716.0	719.7	724.8	728.5	731.4	735.1	737.3
5°	676.4	681.5	681.5	683.0	685.2	688.9	698.4	705.0	710.9	715.3	718.9
7.5°	640.4	644.1	646.3	650.0	653.6	658.8	669.8	679.3	688.1	693.3	699.1
10°	608.2	611.1	614.8	617.0	623.6	630.9	644.8	652.9	663.2	671.3	678.6
12.5°	577.3	587.6	589.8	589.1	595.0	603.0	617.0	629.4	640.4	648.5	656.6
15°	555.3	559.0	563.4	562.7	575.1	577.3	589.1	603.8	618.4	623.6	630.9
17.5°	531.1	537.0	541.4	543.6	547.3	555.3	566.3	577.3	596.4	597.2	616.2
20°	512.1	517.9	520.9	523.8	526.0	535.5	545.1	557.5	572.9	581.0	591.3
22.5°	499.6	502.5	504.7	506.9	509.9	515.0	526.7	540.7	550.9	559.7	566.3
25°	484.9	487.8	490.8	492.3	494.5	497.4	506.2	517.2	531.9	537.7	544.3
27.5°	474.6	474.6	476.1	476.1	479.0	482.0	488.6	498.9	510.6	517.9	526.7
30°	463.6	462.9	463.6	462.9	462.2	466.6	472.4	481.2	489.3	498.1	504.0
32.5°	452.6	451.9	451.9	452.6	449.7	451.9	454.8	462.9	471.7	476.1	482.7
35°	440.9	439.4	439.4	439.4	438.0	436.5	439.4	446.8	452.6	458.5	463.6
37.5°	429.2	427.0	427.0	425.5	424.0	421.8	421.8	427.7	435.8	438.0	444.6
40°	413.0	413.0	411.6	410.8	409.4	407.9	405.7	410.8	418.2	420.4	425.5
42.5°	396.9	394.7	393.9	393.9	393.9	391.7	390.3	393.9	398.3	402.0	405.0
45°	378.5	377.1	377.8	377.1	375.6	374.9	374.1	375.6	380.7	382.2	385.9
47.5°	358.7	358.0	358.0	357.3	356.5	357.3	354.3	358.0	359.5	360.9	363.9
50°	338.2	337.5	336.7	336.0	336.0	336.7	336.0	336.0	338.9	340.4	343.3
52.5°	317.7	315.5	315.5	314.7	314.7	313.3	314.7	315.5	316.9	318.4	319.9
55°	295.6	295.6	293.4	293.4	292.0	292.0	292.7	292.0	294.9	296.4	296.4
57.5°	274.4	271.4	272.2	270.7	269.2	268.5	268.5	270.0	271.4	271.4	272.9
60°	251.6	248.7	248.0	245.0	246.5	244.3	245.0	245.0	248.0	246.5	248.0
62.5°	228.9	225.2	223.0	221.5	221.5	222.3	220.8	220.1	221.5	223.0	226.0
65°	204.7	202.5	200.3	198.1	198.1	197.3	198.8	196.6	195.9	196.6	198.1
67.5°	179.7	177.5	175.3	173.1	173.9	171.7	170.2	172.4	170.9	171.7	173.1
70°	155.5	154.1	149.7	148.2	147.5	148.2	147.5	146.0	148.2	147.5	148.2
72.5°	131.3	129.8	127.6	124.0	124.0	123.2	122.5	122.5	121.8	121.8	121.8
75°	107.8	104.9	102.7	102.0	100.5	99.8	99.0	97.6	98.3	99.0	97.6
77.5°	83.6	80.0	79.2	79.2	77.0	77.0	77.8	77.0	76.3	76.3	76.3
80°	61.6	58.7	58.7	57.2	55.8	55.8	55.8	55.8	55.0	54.3	55.0
82.5°	39.6	38.9	38.1	38.1	39.6	36.7	38.1	37.4	36.7	36.7	35.9
85°	22.0	22.7	22.0	22.7	21.3	22.0	22.0	22.0	21.3	22.0	20.5
87.5°	8.1	8.1	8.1	8.8	8.8	8.8	8.8	8.8	9.5	8.8	8.8
90°	34.3	33.2	32.1	31.0	29.9	26.3	22.7	19.1	15.5	13.7	12.3
92.5°	55.7	54.9	54.0	53.2	52.4	50.7	49.1	47.4	45.7	44.9	44.1
95°	96.7	95.6	94.5	93.4	92.3	90.1	87.9	85.6	83.4	82.3	81.3
97.5°	140.3	138.9	137.5	136.1	134.7	133.1	131.4	129.8	128.1	127.3	126.6
100°	186.7	185.9	185.0	184.2	183.4	182.0	180.6	179.3	177.9	177.2	176.4
102.5°	241.6	240.8	239.9	239.1	238.3	236.4	234.4	232.5	230.6	229.6	229.2
105°	294.4	294.4	294.4	294.4	294.4	291.9	289.4	286.9	284.4	283.2	282.9
107.5°	355.2	354.3	353.5	352.6	351.8	350.7	349.6	348.5	347.4	346.8	346.7
110°	414.9	413.8	412.7	411.6	410.5	409.9	409.4	408.8	408.3	408.0	407.7

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	474.6	473.2	471.9	470.5	469.1	469.1	469.1	469.1	469.1	469.1	469.0
115°	532.6	532.3	532.0	531.8	531.5	532.1	532.6	533.2	533.7	534.0	533.6
117.5°	592.6	592.6	592.6	592.6	592.6	593.2	593.7	594.3	594.8	595.1	595.0
120°	652.6	652.9	653.2	653.4	653.7	655.1	656.5	657.9	659.3	660.0	659.2
122.5°	712.8	713.6	714.5	715.3	716.1	716.7	717.2	717.8	718.3	718.6	718.0
125°	772.9	774.0	775.1	776.2	777.3	777.9	778.4	779.0	779.5	779.8	779.4
127.5°	831.7	833.4	835.1	836.7	838.4	839.0	839.5	840.1	840.6	840.9	840.1
130°	892.6	893.7	894.8	895.9	897.0	897.8	898.7	899.5	900.4	900.8	899.7
132.5°	950.1	951.5	952.9	954.3	955.7	956.3	956.8	957.4	957.9	958.2	957.1
135°	1008.7	1009.8	1010.9	1012.0	1013.1	1013.4	1013.6	1013.9	1014.2	1014.3	1013.5
137.5°	1064.9	1066.3	1067.7	1069.1	1070.5	1069.7	1068.8	1068.0	1067.1	1066.7	1066.0
140°	1123.0	1123.3	1123.6	1123.8	1124.1	1123.8	1123.6	1123.3	1123.0	1122.9	1122.2
142.5°	1175.4	1175.7	1176.0	1176.2	1176.5	1175.9	1175.4	1174.8	1174.3	1174.0	1173.3
145°	1226.5	1226.8	1227.1	1227.4	1227.7	1226.9	1226.0	1225.2	1224.3	1223.9	1223.6
147.5°	1276.3	1276.3	1276.3	1276.3	1276.3	1275.5	1274.7	1273.8	1273.0	1272.6	1272.0
150°	1321.2	1321.2	1321.2	1321.2	1321.2	1320.6	1320.1	1319.5	1319.0	1318.7	1318.4
152.5°	1363.3	1362.8	1362.2	1361.7	1361.1	1360.8	1360.6	1360.3	1360.0	1359.9	1359.5
155°	1404.2	1403.1	1402.0	1400.9	1399.8	1399.5	1399.3	1399.0	1398.7	1398.6	1398.6
157.5°	1439.2	1438.1	1437.0	1435.9	1434.8	1434.5	1434.2	1433.9	1433.6	1433.5	1433.6
160°	1471.5	1470.1	1468.7	1467.3	1465.9	1465.9	1465.9	1465.9	1465.9	1465.9	1466.2
162.5°	1501.4	1500.0	1498.7	1497.3	1495.9	1495.6	1495.3	1495.0	1494.7	1494.6	1495.0
165°	1526.3	1524.6	1522.9	1521.3	1519.6	1519.6	1519.6	1519.6	1519.6	1519.6	1520.0
167.5°	1547.5	1545.8	1544.1	1542.5	1540.8	1540.5	1540.3	1540.0	1539.7	1539.6	1540.1
170°	1564.8	1562.9	1560.9	1559.0	1557.0	1557.0	1557.0	1557.0	1557.0	1557.0	1557.6
172.5°	1577.4	1575.7	1574.0	1572.4	1570.7	1570.7	1570.7	1570.7	1570.7	1570.7	1571.3
175°	1586.2	1584.5	1582.8	1581.2	1579.5	1579.5	1579.5	1579.5	1579.5	1579.5	1580.1
177.5°	1591.2	1589.5	1587.8	1586.2	1584.5	1584.5	1584.5	1584.5	1584.5	1584.5	1585.1
180°	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2	1588.2

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	757.1	757.1	757.1	757.1
2.5°	740.9	743.1	750.5	759.3
5°	726.3	732.1	742.4	756.4
7.5°	710.1	718.9	733.6	751.2
10°	691.8	704.3	722.6	744.6
12.5°	672.0	688.1	711.6	734.3
15°	659.5	675.7	696.9	721.9
17.5°	635.3	654.4	676.4	711.6
20°	610.4	631.6	660.2	695.5
22.5°	591.3	614.0	641.2	678.6
25°	568.5	592.0	621.4	660.2
27.5°	544.3	567.8	600.8	641.9
30°	526.0	548.7	580.3	624.3
32.5°	504.0	526.0	559.0	605.2
35°	479.0	504.0	535.5	582.5
37.5°	460.0	482.7	515.7	560.5
40°	439.4	459.2	491.5	535.5
42.5°	417.4	439.4	467.3	511.3
45°	396.9	413.0	441.6	483.4
47.5°	374.9	393.2	415.2	447.5
50°	351.4	366.8	391.0	413.0
52.5°	328.7	341.1	361.7	378.5
55°	304.4	316.9	332.3	342.6
57.5°	281.7	290.5	300.8	307.4
60°	253.8	262.6	269.2	275.8
62.5°	228.9	235.5	239.2	242.8
65°	203.2	206.9	209.1	212.0
67.5°	175.3	179.0	179.7	184.1
70°	149.7	150.4	151.9	154.1
72.5°	125.4	126.9	126.2	127.6
75°	100.5	102.0	100.5	102.0
77.5°	76.3	77.8	77.8	80.0
80°	55.0	55.8	56.5	56.5
82.5°	35.9	38.1	36.7	37.4
85°	20.5	21.3	21.3	22.0
87.5°	9.5	10.3	9.5	11.0
90°	9.5	6.8	4.0	1.2
92.5°	42.4	40.7	39.1	37.4
95°	79.4	77.5	75.5	73.6
97.5°	125.2	123.8	122.4	121.0
100°	174.7	173.0	171.4	169.7
102.5°	228.3	227.5	226.6	225.8
105°	282.4	281.8	281.3	280.7
107.5°	346.4	346.1	345.9	345.6
110°	407.2	406.6	406.1	405.5

TEST NUMBER: P1030879

CATALOG NUMBER: S123DIW-B560D1320UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	468.7	468.4	468.2	467.9
115°	532.7	531.9	531.0	530.2
117.5°	594.7	594.4	594.2	593.9
120°	657.5	655.8	654.2	652.5
122.5°	716.9	715.8	714.7	713.6
125°	778.5	777.7	776.8	776.0
127.5°	838.4	836.7	835.1	833.4
130°	897.5	895.2	893.0	890.8
132.5°	954.9	952.6	950.4	948.2
135°	1011.8	1010.1	1008.5	1006.8
137.5°	1064.6	1063.3	1061.9	1060.5
140°	1120.8	1119.4	1118.0	1116.6
142.5°	1171.9	1170.6	1169.2	1167.8
145°	1223.1	1222.5	1222.0	1221.4
147.5°	1270.9	1269.8	1268.7	1267.6
150°	1317.9	1317.3	1316.8	1316.2
152.5°	1358.7	1357.8	1357.0	1356.2
155°	1398.6	1398.6	1398.6	1398.6
157.5°	1433.9	1434.2	1434.5	1434.8
160°	1466.7	1467.3	1467.8	1468.4
162.5°	1495.9	1496.7	1497.6	1498.4
165°	1520.8	1521.7	1522.5	1523.3
167.5°	1541.2	1542.3	1543.4	1544.5
170°	1558.7	1559.8	1560.9	1562.0
172.5°	1572.4	1573.5	1574.6	1575.7
175°	1581.2	1582.3	1583.4	1584.5
177.5°	1586.2	1587.3	1588.4	1589.5
180°	1588.2	1588.2	1588.2	1588.2

(END OF REPORT)