

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: P1029456

Luminaire Tested: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029456
REPORT IS A COMBINATION OF REPORTS P985940 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

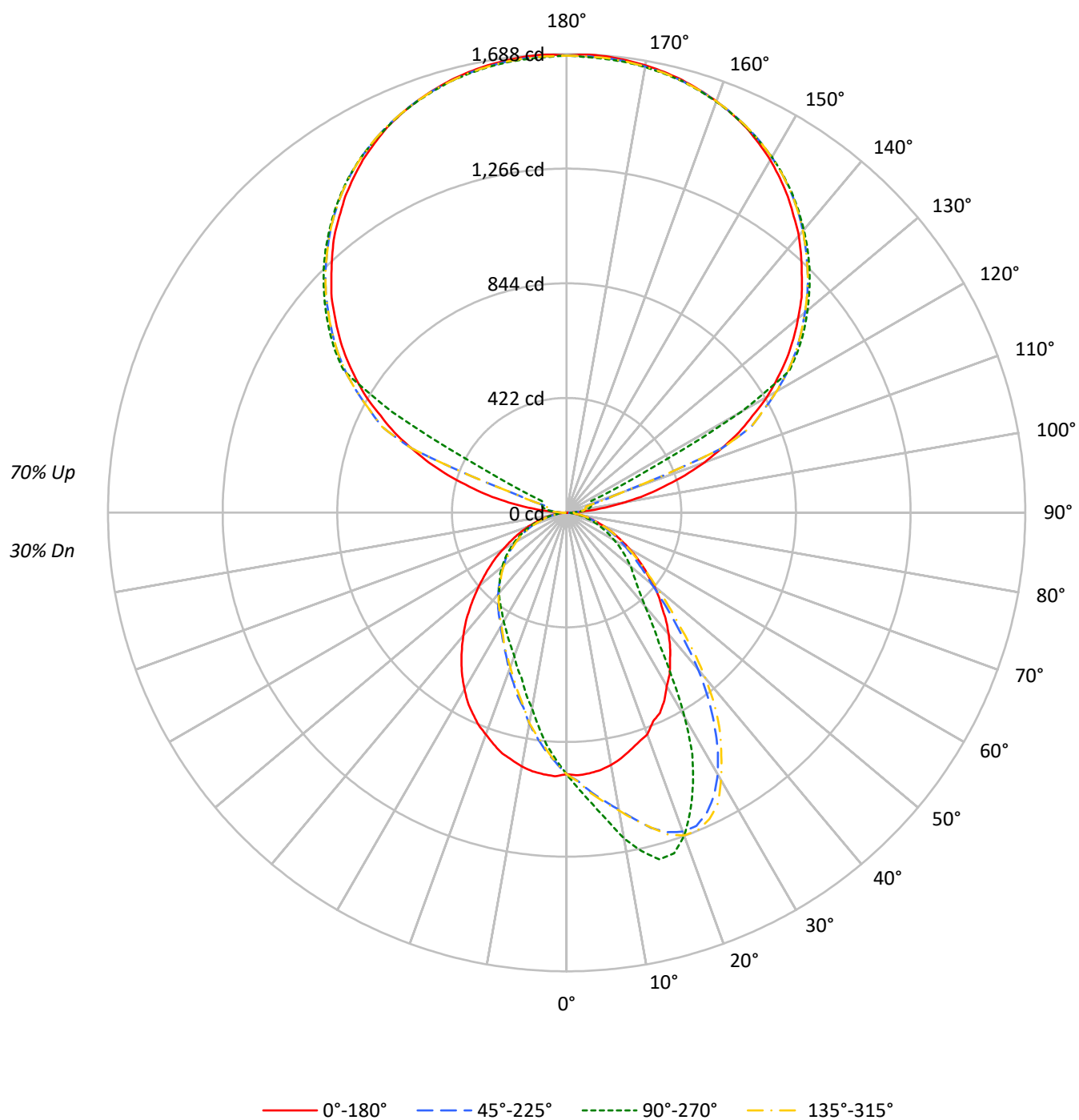
Lumens per Lamp: N/A
Luminaire Lumens: 7056.0 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	102	102	102	102	92	92	92	92	72	72	72	54	54	54	38	38	38
1	94	90	86	83	84	81	77	75	64	62	60	48	47	46	34	33	32
2	85	78	73	68	76	71	66	62	56	53	50	43	40	39	30	29	28
3	78	69	62	57	70	62	57	52	50	46	42	38	35	33	27	25	24
4	72	61	54	48	64	55	49	44	44	40	36	34	31	28	24	22	21
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	18
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16
7	56	44	37	31	50	40	34	29	32	28	24	25	22	19	18	16	15
8	52	40	33	28	46	36	30	26	30	25	21	23	20	17	17	15	13
9	48	37	29	25	43	33	27	23	27	22	19	21	18	15	16	13	12
10	45	33	27	22	40	30	24	20	25	20	17	20	16	14	15	12	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15231	15231	15231	15231
5°	15268	16241	15327	12921
10°	15091	17729	15185	10653
15°	14726	18701	14929	8974
20°	14495	17558	14495	7799
25°	14033	15085	14096	6975
30°	13274	11858	13526	6317
35°	12599	8200	12810	5780
40°	11826	6191	11961	5351
45°	10872	5087	11049	4890
50°	10046	4465	10063	4476
55°	9105	3805	9164	4027
60°	8102	3179	8214	3514
65°	7206	2585	7337	3001
70°	6310	2027	6470	2420
75°	5298	1472	5505	1755
80°	4136	933	4431	1043
85°	2712	470	2924	348

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	1.3
10°-20°	266.8	3.8
20°-30°	387.2	5.5
30°-40°	408.1	5.8
40°-50°	361.2	5.1
50°-60°	288.4	4.1
60°-70°	195.9	2.8
70°-80°	100.2	1.4
80°-90°	26.6	0.4
90°-100°	55.5	0.8
100°-110°	206.7	2.9
110°-120°	548.2	7.8
120°-130°	909.3	12.9
130°-140°	965.9	13.7
140°-150°	897.7	12.7
150°-160°	721.7	10.2
160°-170°	465.0	6.6
170°-180°	160.1	2.3
0°-30°	745.6	10.6
0°-40°	1153.7	16.4
0°-60°	1803.2	25.6
0°-90°	2126.0	30.1
90°-120°	810.4	11.5
90°-150°	3583.2	50.8
90°-180°	4930.0	69.9
0°-180°	7056.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	962	962	962	962	962	
5°	963	1075	967	855	963	91
15°	905	1321	917	634	905	255
25°	813	1101	816	509	813	372
35°	663	599	674	422	663	415
45°	498	361	506	347	498	386
55°	342	254	344	268	342	305
65°	203	156	206	181	203	201
75°	95	77	98	92	95	102
85°	19	20	21	15	19	22
90°	1	33	1	33	1	6
95°	79	52	79	52	79	94
105°	370	92	370	92	370	395
115°	700	100	700	100	700	689
125°	989	1040	989	1040	989	882
135°	1224	1264	1224	1264	1224	946
145°	1420	1442	1420	1442	1420	888
155°	1564	1565	1564	1565	1564	721
165°	1648	1644	1648	1644	1648	465
175°	1685	1676	1685	1676	1685	160
180°	1682	1682	1682	1682	1682	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	967.4	969.6	973.3	974.1	981.5	987.4	994.0	994.0	996.3	995.5	989.6
5°	963.0	969.6	979.3	987.4	1000.7	1006.6	1015.5	1022.2	1028.1	1032.5	1031.8
7.5°	955.6	967.4	981.5	997.0	1014.8	1025.1	1037.7	1049.5	1057.7	1065.0	1070.2
10°	943.0	963.0	982.2	1002.9	1025.8	1039.9	1054.7	1070.2	1082.8	1096.9	1110.2
12.5°	926.0	954.8	978.5	1005.9	1034.0	1049.5	1073.2	1085.0	1109.4	1144.9	1154.5
15°	904.6	943.8	965.9	1000.7	1037.7	1050.3	1082.8	1102.0	1152.3	1174.5	1201.1
17.5°	884.6	928.2	957.8	997.7	1034.0	1058.4	1090.2	1129.4	1171.6	1203.4	1232.9
20°	868.3	910.5	946.0	990.3	1036.2	1067.3	1100.6	1147.9	1193.7	1226.3	1249.2
22.5°	831.3	885.3	926.7	976.3	1031.8	1074.7	1106.5	1158.2	1207.8	1227.8	1247.7
25°	812.8	859.4	907.5	963.7	1028.8	1079.8	1107.2	1164.9	1208.5	1215.9	1220.4
27.5°	778.8	831.3	887.5	951.9	1028.1	1071.0	1105.7	1158.2	1193.0	1187.8	1174.5
30°	736.7	801.0	863.1	932.7	1017.7	1064.3	1096.9	1144.9	1162.7	1136.1	1112.4
32.5°	705.6	766.2	835.0	915.6	1005.9	1050.3	1082.1	1119.8	1123.5	1075.4	1035.5
35°	663.4	730.7	808.4	893.5	985.9	1025.8	1055.4	1078.4	1060.6	993.3	946.0
37.5°	625.7	692.3	775.1	861.7	958.5	997.7	1021.4	1025.1	981.5	922.3	852.8
40°	584.3	653.1	739.6	830.6	928.2	962.2	977.0	965.9	903.1	834.3	753.7
42.5°	542.9	610.9	704.1	797.3	889.8	918.6	924.5	894.2	817.3	736.7	643.5
45°	497.8	568.8	662.0	755.9	845.4	861.7	862.4	818.8	727.8	643.5	556.9
47.5°	460.8	526.6	619.1	713.0	788.4	799.5	795.1	744.8	645.7	551.0	475.6
50°	420.1	483.0	574.7	667.1	731.5	734.4	723.3	651.6	554.7	468.2	408.3
52.5°	376.5	440.1	524.4	613.1	670.8	666.4	644.9	568.0	477.1	405.3	359.5
55°	341.7	397.9	477.1	563.6	604.3	591.7	568.0	489.6	417.9	357.2	317.3
57.5°	303.2	352.8	430.5	505.9	529.6	517.7	494.1	420.8	354.3	308.4	281.8
60°	267.0	312.1	380.2	443.0	461.5	448.9	421.6	355.8	307.7	269.2	249.3
62.5°	233.7	272.9	329.9	387.6	395.0	382.4	358.7	305.5	264.0	233.7	218.9
65°	202.7	239.6	285.5	329.1	335.8	322.5	298.1	259.6	224.8	205.6	191.6
67.5°	172.3	201.9	242.6	274.4	278.1	265.5	245.6	214.5	193.0	172.3	162.0
70°	145.7	167.9	199.7	225.6	227.1	215.2	204.9	176.8	160.5	145.7	137.6
72.5°	119.8	135.4	159.8	179.0	179.7	172.3	162.7	145.0	130.9	120.6	112.4
75°	94.7	108.0	122.8	139.8	139.0	133.1	125.7	114.6	102.8	96.2	92.5
77.5°	72.5	80.6	92.5	103.5	103.5	100.6	96.2	88.0	80.6	74.0	70.3
80°	51.8	57.0	66.6	70.3	71.7	71.0	67.3	61.4	58.4	53.3	51.8
82.5°	33.3	37.0	41.4	45.1	47.3	45.9	45.1	42.2	37.7	36.2	34.8
85°	19.2	20.7	22.9	25.1	25.9	25.1	26.6	24.4	22.2	22.2	21.4
87.5°	8.1	8.9	10.4	10.4	11.1	11.1	10.4	11.1	11.1	10.4	9.6
90°	1.2	4.2	7.2	10.1	13.1	14.6	15.7	17.8	20.0	22.1	24.3
92.5°	30.4	29.3	28.3	27.2	26.1	25.6	26.0	26.8	27.6	28.4	29.2
95°	79.1	70.2	61.2	52.3	43.4	38.9	39.9	41.8	43.7	45.6	47.5
97.5°	142.4	120.2	98.0	75.9	53.7	42.6	44.8	49.1	53.4	57.8	62.1
100°	215.4	178.4	141.3	104.3	67.2	48.7	51.0	55.6	60.2	64.8	69.4
102.5°	295.7	295.2	294.6	294.1	293.6	293.3	268.7	219.5	170.2	121.0	71.8
105°	369.9	378.0	386.1	394.2	402.3	406.4	369.5	295.7	221.8	148.0	74.2
107.5°	456.3	463.1	469.8	476.6	483.3	486.7	441.1	350.0	258.9	167.8	76.7
110°	539.1	544.8	550.4	556.1	561.8	564.6	525.5	447.4	369.2	291.1	212.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	616.9	621.8	626.6	631.5	636.4	638.8	636.5	631.9	627.4	622.8	618.2
115°	699.7	704.3	708.9	713.5	718.1	720.4	723.8	730.5	737.3	744.0	750.8
117.5°	771.5	776.9	782.3	787.7	793.1	795.8	798.1	802.7	807.3	811.9	816.5
120°	851.8	855.8	859.9	863.9	868.0	870.0	872.4	877.3	882.2	887.0	891.9
122.5°	919.9	924.2	928.6	932.9	937.2	939.4	942.1	947.5	952.9	958.3	963.7
125°	989.3	992.8	996.3	999.8	1003.3	1005.1	1007.7	1012.8	1017.9	1023.1	1028.2
127.5°	1052.6	1056.4	1060.2	1063.9	1067.7	1069.6	1071.6	1075.7	1079.7	1083.8	1087.8
130°	1112.2	1116.5	1120.9	1125.2	1129.5	1131.7	1133.2	1136.1	1139.1	1142.0	1145.0
132.5°	1173.0	1176.5	1180.0	1183.5	1187.0	1188.8	1190.3	1193.3	1196.2	1199.2	1202.2
135°	1224.1	1228.4	1232.8	1237.1	1241.4	1243.6	1244.8	1247.3	1249.7	1252.2	1254.6
137.5°	1277.7	1280.9	1284.2	1287.4	1290.7	1292.3	1293.6	1296.3	1299.0	1301.7	1304.4
140°	1330.0	1332.2	1334.3	1336.5	1338.6	1339.7	1341.2	1344.2	1347.1	1350.1	1353.1
142.5°	1373.8	1375.7	1377.6	1379.5	1381.4	1382.3	1384.1	1387.6	1391.1	1394.6	1398.1
145°	1420.0	1419.7	1419.5	1419.2	1418.9	1418.8	1421.1	1425.7	1430.3	1434.9	1439.5
147.5°	1460.2	1459.4	1458.6	1457.7	1456.9	1456.5	1458.8	1463.4	1468.0	1472.6	1477.2
150°	1499.1	1497.2	1495.3	1493.4	1491.5	1490.6	1492.8	1497.1	1501.4	1505.8	1510.1
152.5°	1532.0	1529.8	1527.7	1525.5	1523.4	1522.3	1524.3	1528.4	1532.4	1536.5	1540.5
155°	1563.6	1561.2	1558.8	1556.3	1553.9	1552.7	1554.3	1557.6	1560.8	1564.1	1567.3
157.5°	1589.2	1587.0	1584.8	1582.7	1580.5	1579.4	1580.6	1583.1	1585.5	1588.0	1590.4
160°	1611.1	1609.5	1607.9	1606.2	1604.6	1603.8	1604.6	1606.2	1607.9	1609.5	1611.1
162.5°	1630.6	1629.0	1627.4	1625.7	1624.1	1623.3	1624.0	1625.3	1626.6	1628.0	1629.3
165°	1647.6	1646.0	1644.4	1642.7	1641.1	1640.3	1640.7	1641.5	1642.3	1643.1	1643.9
167.5°	1661.0	1659.4	1657.8	1656.1	1654.5	1653.7	1654.1	1654.9	1655.7	1656.5	1657.3
170°	1671.9	1670.3	1668.7	1667.0	1665.4	1664.6	1664.9	1665.4	1666.0	1666.5	1667.1
172.5°	1679.2	1677.6	1676.0	1674.3	1672.7	1671.9	1672.2	1672.7	1673.3	1673.8	1674.4
175°	1685.3	1683.4	1681.5	1679.6	1677.7	1676.8	1677.1	1677.6	1678.1	1678.7	1679.2
177.5°	1687.7	1685.8	1683.9	1682.0	1680.1	1679.2	1679.3	1679.6	1679.9	1680.1	1680.4
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	1000.0	1000.7	1002.2	1009.6	1013.3	1014.0	1011.1	1017.7	1019.9	1017.7	1016.2
5°	1047.3	1051.7	1060.6	1070.2	1069.5	1070.2	1074.7	1079.1	1080.6	1074.7	1076.9
7.5°	1088.7	1097.6	1107.2	1122.0	1122.0	1129.4	1132.4	1136.1	1144.9	1140.5	1139.0
10°	1136.1	1147.9	1165.6	1189.3	1190.0	1197.4	1204.8	1216.7	1220.4	1217.4	1218.9
12.5°	1195.2	1218.2	1219.6	1245.5	1257.3	1258.8	1270.7	1268.4	1275.8	1275.8	1288.4
15°	1221.1	1256.6	1276.6	1301.7	1309.1	1300.2	1309.9	1320.2	1321.0	1321.0	1320.2
17.5°	1267.7	1281.8	1301.7	1315.0	1318.0	1318.0	1318.7	1323.2	1320.2	1314.3	1318.7
20°	1277.3	1283.2	1290.6	1289.2	1290.6	1283.2	1275.8	1268.4	1269.2	1265.5	1276.6
22.5°	1259.6	1258.1	1241.1	1230.0	1230.0	1215.2	1201.1	1194.5	1187.8	1190.0	1193.7
25°	1215.2	1192.3	1171.6	1155.3	1151.6	1127.9	1108.7	1102.8	1091.7	1100.6	1102.0
27.5°	1144.2	1118.3	1085.0	1071.0	1051.7	1042.1	1028.8	1011.1	988.1	1001.4	999.2
30°	1068.0	1029.5	1002.2	968.2	937.8	935.6	910.5	880.9	869.1	869.1	875.7
32.5°	983.0	931.9	892.0	843.9	814.3	801.7	771.4	741.8	748.5	726.3	734.4
35°	883.8	816.5	766.2	719.6	697.5	682.7	643.5	627.2	609.4	599.1	618.3
37.5°	789.2	711.5	647.2	596.1	588.0	561.4	534.7	524.4	514.0	518.5	517.7
40°	673.8	605.0	547.3	507.4	493.3	480.8	463.0	450.4	443.8	447.5	448.2
42.5°	569.5	511.8	468.9	440.8	429.0	420.1	411.2	400.9	398.7	398.7	401.6
45°	488.9	441.6	412.7	389.8	383.1	376.5	369.8	365.4	363.9	360.9	363.2
47.5°	424.5	386.8	369.1	352.1	344.7	343.2	337.3	335.0	332.1	331.3	332.1
50°	370.5	346.9	330.6	321.0	315.8	313.6	310.6	306.2	304.7	308.4	306.9
52.5°	332.8	310.6	301.8	292.1	289.2	286.2	281.8	282.5	281.8	280.3	280.3
55°	295.1	281.1	272.2	264.8	264.0	261.1	257.4	255.9	255.2	253.7	255.9
57.5°	264.8	253.7	245.6	238.9	235.9	235.9	232.2	229.3	229.3	228.5	229.3
60°	234.5	223.4	218.2	211.5	209.3	208.6	206.4	204.9	202.7	202.7	202.7
62.5°	206.4	197.5	191.6	185.6	186.4	182.7	179.7	178.2	178.2	179.0	179.0
65°	179.7	173.8	166.4	161.2	159.8	159.0	157.5	156.8	154.6	156.1	156.1
67.5°	155.3	147.2	142.7	140.5	138.3	137.6	136.1	134.6	133.9	133.1	134.6
70°	130.9	124.3	120.6	119.1	116.9	116.1	115.4	113.2	113.9	114.6	115.4
72.5°	108.7	102.8	102.1	97.6	97.6	97.6	94.7	96.2	95.4	93.9	95.4
75°	85.8	82.8	81.4	79.1	79.9	79.1	78.4	76.2	76.2	76.9	77.7
77.5°	68.0	65.1	64.3	62.1	60.6	62.1	60.6	59.9	59.9	60.6	60.6
80°	50.3	48.8	46.6	46.6	46.6	45.9	45.9	45.9	45.1	44.4	45.1
82.5°	33.3	33.3	32.5	31.8	32.5	31.1	31.8	31.8	31.8	31.8	31.8
85°	21.4	20.7	20.7	20.0	20.0	20.0	20.7	19.2	19.2	20.0	20.0
87.5°	9.6	9.6	9.6	10.4	9.6	9.6	9.6	10.4	9.6	9.6	9.6
90°	25.7	27.0	28.4	29.7	30.4	30.7	31.2	31.8	32.3	32.9	32.3
92.5°	29.7	30.3	30.8	31.3	31.6	31.7	32.0	32.3	32.6	32.9	32.6
95°	48.8	50.2	51.5	52.8	53.5	53.4	53.1	52.8	52.6	52.3	52.6
97.5°	62.9	63.7	64.5	65.3	65.7	65.8	66.1	66.4	66.6	66.9	66.6
100°	71.6	73.7	75.9	78.0	79.1	79.4	79.9	80.4	81.0	81.5	81.0
102.5°	74.8	77.8	80.7	83.7	85.2	85.6	86.4	87.2	88.0	88.8	88.0
105°	77.2	80.2	83.1	86.1	87.6	88.1	89.2	90.3	91.4	92.5	91.4
107.5°	79.7	82.6	85.6	88.5	90.0	90.5	91.6	92.7	93.8	94.9	93.8
110°	185.9	158.9	131.8	104.8	91.3	91.8	92.9	94.0	95.0	96.1	95.0

TEST NUMBER: P1029456

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	501.6	385.1	268.5	152.0	93.7	94.1	94.9	95.7	96.5	97.3	96.5
115°	625.6	500.4	375.2	250.0	187.4	177.7	158.2	138.7	119.3	99.8	119.3
117.5°	777.8	739.2	700.5	661.8	642.5	607.1	536.2	465.4	394.5	323.7	394.5
120°	895.1	898.4	901.6	904.9	906.5	888.3	851.8	815.3	778.8	742.3	778.8
122.5°	965.3	966.9	968.6	970.2	971.0	971.1	971.4	971.7	971.9	972.2	971.9
125°	1030.1	1032.0	1033.9	1035.8	1036.7	1037.1	1037.9	1038.8	1039.6	1040.4	1039.6
127.5°	1090.5	1093.2	1095.9	1098.6	1100.0	1100.1	1100.4	1100.7	1100.9	1101.2	1100.9
130°	1148.0	1151.0	1153.9	1156.9	1158.4	1158.3	1158.0	1157.7	1157.5	1157.2	1157.5
132.5°	1204.6	1207.1	1209.5	1212.0	1213.2	1213.1	1212.8	1212.5	1212.3	1212.0	1212.3
135°	1257.3	1260.0	1262.7	1265.4	1266.7	1266.4	1265.9	1265.4	1264.8	1264.3	1264.8
137.5°	1307.1	1309.8	1312.5	1315.2	1316.6	1316.2	1315.4	1314.6	1313.8	1313.0	1313.8
140°	1355.5	1358.0	1360.4	1362.9	1364.1	1363.4	1362.1	1360.7	1359.4	1358.0	1359.4
142.5°	1400.3	1402.5	1404.6	1406.8	1407.9	1407.2	1405.9	1404.5	1403.2	1401.8	1403.2
145°	1441.4	1443.3	1445.2	1447.1	1448.0	1447.3	1446.0	1444.6	1443.3	1441.9	1443.3
147.5°	1478.6	1479.9	1481.3	1482.6	1483.3	1482.8	1481.7	1480.6	1479.6	1478.5	1479.6
150°	1511.7	1513.3	1515.0	1516.6	1517.4	1516.7	1515.4	1514.0	1512.7	1511.3	1512.7
152.5°	1542.1	1543.7	1545.4	1547.0	1547.8	1546.9	1545.0	1543.1	1541.2	1539.3	1541.2
155°	1568.9	1570.5	1572.2	1573.8	1574.6	1573.5	1571.3	1569.2	1567.0	1564.8	1567.0
157.5°	1592.3	1594.2	1596.1	1598.0	1598.9	1597.8	1595.7	1593.5	1591.4	1589.2	1591.4
160°	1612.7	1614.3	1616.0	1617.6	1618.4	1617.5	1615.6	1613.7	1611.8	1609.9	1611.8
162.5°	1631.2	1633.1	1635.0	1636.9	1637.9	1636.7	1634.2	1631.8	1629.3	1626.9	1629.3
165°	1645.8	1647.7	1649.6	1651.5	1652.5	1651.5	1649.6	1647.7	1645.8	1643.9	1645.8
167.5°	1659.2	1661.1	1663.0	1664.9	1665.8	1664.6	1662.2	1659.7	1657.3	1654.9	1657.3
170°	1669.0	1670.9	1672.8	1674.7	1675.6	1674.4	1671.9	1669.5	1667.0	1664.6	1667.0
172.5°	1676.3	1678.2	1680.1	1682.0	1682.9	1681.7	1679.2	1676.8	1674.3	1671.9	1674.3
175°	1681.1	1683.0	1684.9	1686.8	1687.7	1686.4	1683.7	1681.0	1678.3	1675.6	1678.3
177.5°	1682.3	1684.2	1686.1	1688.0	1689.0	1687.8	1685.3	1682.9	1680.4	1678.0	1680.4
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029456

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	1019.9	1014.8	1010.3	1011.1	1014.8	1011.8	1004.4	994.8	991.1	986.6	991.1
5°	1081.3	1076.9	1068.0	1068.7	1066.5	1063.6	1051.7	1036.9	1036.9	1025.1	1023.6
7.5°	1142.0	1135.3	1129.4	1127.9	1119.8	1113.9	1103.5	1082.8	1074.7	1060.6	1052.5
10°	1210.0	1204.8	1198.2	1190.0	1185.6	1175.3	1158.2	1127.9	1113.1	1093.9	1079.8
12.5°	1278.8	1278.1	1263.3	1247.0	1246.3	1230.0	1218.2	1177.5	1157.5	1131.6	1098.3
15°	1322.4	1318.7	1310.6	1302.5	1304.7	1286.9	1260.3	1212.2	1198.9	1167.9	1132.4
17.5°	1321.7	1321.7	1319.5	1318.0	1315.8	1310.6	1295.8	1264.0	1242.6	1203.4	1170.1
20°	1279.5	1289.2	1291.4	1290.6	1298.0	1301.7	1301.0	1281.0	1264.0	1229.2	1195.2
22.5°	1195.2	1217.4	1227.0	1232.9	1248.5	1256.6	1275.8	1268.4	1264.0	1238.1	1209.3
25°	1116.8	1124.2	1153.1	1154.5	1176.0	1196.0	1215.2	1227.8	1244.0	1234.4	1210.0
27.5°	1015.5	1032.5	1053.2	1068.7	1073.2	1113.9	1145.7	1169.3	1206.3	1209.3	1201.1
30°	900.9	909.0	943.0	963.7	987.4	1017.0	1062.8	1103.5	1136.8	1167.1	1177.5
32.5°	761.1	794.3	814.3	839.5	860.2	912.7	968.9	1021.4	1059.9	1110.9	1133.1
35°	633.1	659.0	693.0	703.4	741.1	785.5	858.7	926.0	984.4	1036.2	1081.3
37.5°	527.3	548.1	584.3	600.6	622.8	679.7	741.1	824.7	894.9	958.5	1014.8
40°	454.9	470.4	497.8	502.9	521.4	573.2	622.8	701.2	794.3	880.1	941.5
42.5°	405.3	412.7	431.2	437.9	449.7	484.4	528.8	602.8	689.3	778.1	864.6
45°	369.8	375.0	386.1	392.0	406.8	422.3	458.6	517.7	585.8	675.3	768.5
47.5°	338.0	344.7	349.1	352.8	360.9	377.9	401.6	445.2	510.3	592.4	682.7
50°	311.4	313.6	321.7	322.5	327.7	338.7	360.9	387.6	439.3	505.9	593.2
52.5°	284.8	287.0	292.1	297.3	299.5	308.4	323.2	345.4	383.9	436.4	514.0
55°	258.1	261.1	266.3	270.0	272.2	279.6	288.5	309.9	340.2	377.2	440.8
57.5°	231.5	238.2	239.6	241.9	245.6	253.7	261.8	274.4	298.1	332.1	378.7
60°	206.4	208.6	213.7	216.0	219.7	224.1	234.5	244.1	261.1	287.7	329.9
62.5°	180.5	185.6	187.9	190.1	193.0	198.2	204.9	215.2	230.0	251.5	284.8
65°	158.3	159.0	163.5	166.4	169.4	173.1	179.7	189.3	198.2	218.2	242.6
67.5°	136.8	138.3	139.8	142.7	146.4	150.1	156.1	161.2	172.3	185.6	204.9
70°	116.1	116.1	119.8	122.0	121.3	125.7	130.2	136.1	144.2	156.8	172.3
72.5°	97.6	96.9	99.8	100.6	102.1	105.0	108.0	113.9	118.3	128.0	139.8
75°	77.7	79.1	80.6	80.6	82.8	85.1	88.0	91.0	96.2	102.1	110.9
77.5°	61.4	61.4	62.9	63.6	65.8	65.1	68.0	71.0	74.7	79.9	86.5
80°	45.1	46.6	46.6	46.6	47.3	48.1	51.0	53.3	55.5	59.2	62.1
82.5°	31.8	31.8	33.3	33.3	33.3	34.8	34.8	35.5	37.0	39.2	41.4
85°	20.0	20.0	20.0	20.7	20.0	20.7	22.2	21.4	22.2	23.7	23.7
87.5°	9.6	9.6	9.6	9.6	9.6	10.4	9.6	10.4	11.1	11.1	11.1
90°	31.8	31.2	30.7	30.4	29.7	28.4	27.0	25.7	24.3	22.1	20.0
92.5°	32.3	32.0	31.7	31.6	31.3	30.8	30.3	29.7	29.2	28.4	27.6
95°	52.8	53.1	53.4	53.5	52.8	51.5	50.2	48.8	47.5	45.6	43.7
97.5°	66.4	66.1	65.8	65.7	65.3	64.5	63.7	62.9	62.1	57.8	53.4
100°	80.4	79.9	79.4	79.1	78.0	75.9	73.7	71.6	69.4	64.8	60.2
102.5°	87.2	86.4	85.6	85.2	83.7	80.7	77.8	74.8	71.8	121.0	170.2
105°	90.3	89.2	88.1	87.6	86.1	83.1	80.2	77.2	74.2	148.0	221.8
107.5°	92.7	91.6	90.5	90.0	88.5	85.6	82.6	79.7	76.7	167.8	258.9
110°	94.0	92.9	91.8	91.3	104.8	131.8	158.9	185.9	212.9	291.1	369.2

TEST NUMBER: P1029456

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	95.7	94.9	94.1	93.7	152.0	268.5	385.1	501.6	618.2	622.8	627.4
115°	138.7	158.2	177.7	187.4	250.0	375.2	500.4	625.6	750.8	744.0	737.3
117.5°	465.4	536.2	607.1	642.5	661.8	700.5	739.2	777.8	816.5	811.9	807.3
120°	815.3	851.8	888.3	906.5	904.9	901.6	898.4	895.1	891.9	887.0	882.2
122.5°	971.7	971.4	971.1	971.0	970.2	968.6	966.9	965.3	963.7	958.3	952.9
125°	1038.8	1037.9	1037.1	1036.7	1035.8	1033.9	1032.0	1030.1	1028.2	1023.1	1017.9
127.5°	1100.7	1100.4	1100.1	1100.0	1098.6	1095.9	1093.2	1090.5	1087.8	1083.8	1079.7
130°	1157.7	1158.0	1158.3	1158.4	1156.9	1153.9	1151.0	1148.0	1145.0	1142.0	1139.1
132.5°	1212.5	1212.8	1213.1	1213.2	1212.0	1209.5	1207.1	1204.6	1202.2	1199.2	1196.2
135°	1265.4	1265.9	1266.4	1266.7	1265.4	1262.7	1260.0	1257.3	1254.6	1252.2	1249.7
137.5°	1314.6	1315.4	1316.2	1316.6	1315.2	1312.5	1309.8	1307.1	1304.4	1301.7	1299.0
140°	1360.7	1362.1	1363.4	1364.1	1362.9	1360.4	1358.0	1355.5	1353.1	1350.1	1347.1
142.5°	1404.5	1405.9	1407.2	1407.9	1406.8	1404.6	1402.5	1400.3	1398.1	1394.6	1391.1
145°	1444.6	1446.0	1447.3	1448.0	1447.1	1445.2	1443.3	1441.4	1439.5	1434.9	1430.3
147.5°	1480.6	1481.7	1482.8	1483.3	1482.6	1481.3	1479.9	1478.6	1477.2	1472.6	1468.0
150°	1514.0	1515.4	1516.7	1517.4	1516.6	1515.0	1513.3	1511.7	1510.1	1505.8	1501.4
152.5°	1543.1	1545.0	1546.9	1547.8	1547.0	1545.4	1543.7	1542.1	1540.5	1536.5	1532.4
155°	1569.2	1571.3	1573.5	1574.6	1573.8	1572.2	1570.5	1568.9	1567.3	1564.1	1560.8
157.5°	1593.5	1595.7	1597.8	1598.9	1598.0	1596.1	1594.2	1592.3	1590.4	1588.0	1585.5
160°	1613.7	1615.6	1617.5	1618.4	1617.6	1616.0	1614.3	1612.7	1611.1	1609.5	1607.9
162.5°	1631.8	1634.2	1636.7	1637.9	1636.9	1635.0	1633.1	1631.2	1629.3	1628.0	1626.6
165°	1647.7	1649.6	1651.5	1652.5	1651.5	1649.6	1647.7	1645.8	1643.9	1643.1	1642.3
167.5°	1659.7	1662.2	1664.6	1665.8	1664.9	1663.0	1661.1	1659.2	1657.3	1656.5	1655.7
170°	1669.5	1671.9	1674.4	1675.6	1674.7	1672.8	1670.9	1669.0	1667.1	1666.5	1666.0
172.5°	1676.8	1679.2	1681.7	1682.9	1682.0	1680.1	1678.2	1676.3	1674.4	1673.8	1673.3
175°	1681.0	1683.7	1686.4	1687.7	1686.8	1684.9	1683.0	1681.1	1679.2	1678.7	1678.1
177.5°	1682.9	1685.3	1687.8	1689.0	1688.0	1686.1	1684.2	1682.3	1680.4	1680.1	1679.9
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029456

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	987.4	983.7	981.5	983.0	978.5	967.4	967.4	971.1	966.7	962.2	955.6
5°	1014.8	1007.4	1002.9	1002.2	991.8	974.1	970.4	966.7	957.1	946.7	935.6
7.5°	1041.4	1028.1	1020.7	1015.5	1000.7	977.8	968.2	960.0	944.5	929.0	914.9
10°	1063.6	1044.3	1035.5	1027.3	1008.1	979.3	963.7	948.9	929.0	909.0	891.2
12.5°	1081.3	1059.1	1048.0	1036.2	1012.5	974.8	955.6	931.9	911.9	885.3	867.6
15°	1110.9	1065.0	1054.7	1043.6	1019.2	967.4	943.8	917.1	889.8	854.3	835.0
17.5°	1134.6	1073.2	1072.4	1048.8	1017.0	964.5	928.2	893.5	863.9	828.4	798.0
20°	1148.6	1085.8	1073.9	1049.5	1009.6	944.5	906.8	868.3	836.5	793.6	763.3
22.5°	1160.5	1103.5	1072.4	1042.9	994.0	937.8	882.4	846.1	802.5	755.9	727.0
25°	1164.9	1107.2	1074.7	1040.6	983.0	918.6	855.7	816.5	767.7	725.6	686.4
27.5°	1165.6	1106.5	1066.5	1031.0	967.4	893.5	829.1	787.7	733.7	684.9	645.7
30°	1158.2	1098.3	1062.1	1023.6	952.6	870.5	796.6	750.7	693.0	644.2	603.5
32.5°	1136.1	1082.1	1052.5	1010.3	933.4	838.7	765.5	714.5	653.8	605.7	566.5
35°	1099.1	1062.1	1029.5	990.3	908.3	809.1	734.4	674.5	613.1	567.3	530.3
37.5°	1053.2	1033.2	1002.9	964.5	879.4	782.5	699.7	633.1	571.7	527.3	491.1
40°	991.1	996.3	966.7	931.9	845.4	746.3	654.6	591.0	533.3	491.8	456.3
42.5°	923.8	945.2	928.2	894.9	807.7	706.3	621.3	551.0	494.8	451.9	422.3
45°	851.3	888.3	877.9	853.5	768.5	664.2	573.9	505.9	456.3	414.9	389.0
47.5°	772.2	824.7	824.7	806.9	724.8	622.0	533.3	463.7	414.9	385.3	360.2
50°	691.5	750.7	760.3	748.5	676.0	573.9	483.7	420.8	378.7	349.8	331.3
52.5°	607.2	676.0	693.8	687.8	624.2	528.1	443.0	381.6	343.2	318.0	301.8
55°	526.6	606.5	625.7	627.9	568.8	477.8	397.9	343.9	306.9	289.9	275.9
57.5°	450.4	527.3	548.8	552.5	512.6	431.9	355.8	308.4	275.1	261.1	250.0
60°	385.3	449.7	477.8	485.9	451.2	378.7	316.6	270.7	245.6	232.2	221.9
62.5°	332.1	383.9	413.4	415.7	400.1	332.1	275.9	237.4	216.0	204.1	199.0
65°	280.3	326.9	344.7	353.5	341.0	287.7	238.2	206.4	189.3	179.0	173.8
67.5°	238.9	268.5	283.3	295.1	282.5	242.6	202.7	176.8	164.2	153.8	150.9
70°	196.0	220.4	231.5	243.3	232.2	201.9	173.1	149.4	138.3	130.2	126.5
72.5°	156.8	176.0	186.4	193.8	187.1	162.0	138.3	122.0	113.9	108.0	105.8
75°	124.3	137.6	143.5	148.7	145.7	126.5	111.7	98.4	91.0	85.8	84.3
77.5°	94.7	104.3	110.9	112.4	108.7	96.2	83.6	75.4	69.5	66.6	65.1
80°	67.3	73.2	76.9	79.1	75.4	70.3	61.4	55.5	50.3	46.6	45.9
82.5°	45.1	48.1	51.0	50.3	48.8	44.4	39.2	36.2	34.0	31.1	31.1
85°	25.9	26.6	28.1	28.8	28.1	25.1	22.2	20.7	19.2	17.0	17.0
87.5°	11.1	11.8	11.8	12.6	11.1	11.1	9.6	8.1	8.1	7.4	6.7
90°	17.8	15.7	14.6	13.1	10.1	7.2	4.2	1.2	4.2	7.2	10.1
92.5°	26.8	26.0	25.6	26.1	27.2	28.3	29.3	30.4	29.3	28.3	27.2
95°	41.8	39.9	38.9	43.4	52.3	61.2	70.2	79.1	70.2	61.2	52.3
97.5°	49.1	44.8	42.6	53.7	75.9	98.0	120.2	142.4	120.2	98.0	75.9
100°	55.6	51.0	48.7	67.2	104.3	141.3	178.4	215.4	178.4	141.3	104.3
102.5°	219.5	268.7	293.3	293.6	294.1	294.6	295.2	295.7	295.2	294.6	294.1
105°	295.7	369.5	406.4	402.3	394.2	386.1	378.0	369.9	378.0	386.1	394.2
107.5°	350.0	441.1	486.7	483.3	476.6	469.8	463.1	456.3	463.1	469.8	476.6
110°	447.4	525.5	564.6	561.8	556.1	550.4	544.8	539.1	544.8	550.4	556.1

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CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	631.9	636.5	638.8	636.4	631.5	626.6	621.8	616.9	621.8	626.6	631.5
115°	730.5	723.8	720.4	718.1	713.5	708.9	704.3	699.7	704.3	708.9	713.5
117.5°	802.7	798.1	795.8	793.1	787.7	782.3	776.9	771.5	776.9	782.3	787.7
120°	877.3	872.4	870.0	868.0	863.9	859.9	855.8	851.8	855.8	859.9	863.9
122.5°	947.5	942.1	939.4	937.2	932.9	928.6	924.2	919.9	924.2	928.6	932.9
125°	1012.8	1007.7	1005.1	1003.3	999.8	996.3	992.8	989.3	992.8	996.3	999.8
127.5°	1075.7	1071.6	1069.6	1067.7	1063.9	1060.2	1056.4	1052.6	1056.4	1060.2	1063.9
130°	1136.1	1133.2	1131.7	1129.5	1125.2	1120.9	1116.5	1112.2	1116.5	1120.9	1125.2
132.5°	1193.3	1190.3	1188.8	1187.0	1183.5	1180.0	1176.5	1173.0	1176.5	1180.0	1183.5
135°	1247.3	1244.8	1243.6	1241.4	1237.1	1232.8	1228.4	1224.1	1228.4	1232.8	1237.1
137.5°	1296.3	1293.6	1292.3	1290.7	1287.4	1284.2	1280.9	1277.7	1280.9	1284.2	1287.4
140°	1344.2	1341.2	1339.7	1338.6	1336.5	1334.3	1332.2	1330.0	1332.2	1334.3	1336.5
142.5°	1387.6	1384.1	1382.3	1381.4	1379.5	1377.6	1375.7	1373.8	1375.7	1377.6	1379.5
145°	1425.7	1421.1	1418.8	1418.9	1419.2	1419.5	1419.7	1420.0	1419.7	1419.5	1419.2
147.5°	1463.4	1458.8	1456.5	1456.9	1457.7	1458.6	1459.4	1460.2	1459.4	1458.6	1457.7
150°	1497.1	1492.8	1490.6	1491.5	1493.4	1495.3	1497.2	1499.1	1497.2	1495.3	1493.4
152.5°	1528.4	1524.3	1522.3	1523.4	1525.5	1527.7	1529.8	1532.0	1529.8	1527.7	1525.5
155°	1557.6	1554.3	1552.7	1553.9	1556.3	1558.8	1561.2	1563.6	1561.2	1558.8	1556.3
157.5°	1583.1	1580.6	1579.4	1580.5	1582.7	1584.8	1587.0	1589.2	1587.0	1584.8	1582.7
160°	1606.2	1604.6	1603.8	1604.6	1606.2	1607.9	1609.5	1611.1	1609.5	1607.9	1606.2
162.5°	1625.3	1624.0	1623.3	1624.1	1625.7	1627.4	1629.0	1630.6	1629.0	1627.4	1625.7
165°	1641.5	1640.7	1640.3	1641.1	1642.7	1644.4	1646.0	1647.6	1646.0	1644.4	1642.7
167.5°	1654.9	1654.1	1653.7	1654.5	1656.1	1657.8	1659.4	1661.0	1659.4	1657.8	1656.1
170°	1665.4	1664.9	1664.6	1665.4	1667.0	1668.7	1670.3	1671.9	1670.3	1668.7	1667.0
172.5°	1672.7	1672.2	1671.9	1672.7	1674.3	1676.0	1677.6	1679.2	1677.6	1676.0	1674.3
175°	1677.6	1677.1	1676.8	1677.7	1679.6	1681.5	1683.4	1685.3	1683.4	1681.5	1679.6
177.5°	1679.6	1679.3	1679.2	1680.1	1682.0	1683.9	1685.8	1687.7	1685.8	1683.9	1682.0
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	951.9	955.6	954.8	947.5	939.3	932.7	920.1	921.6	917.1	917.9	922.3
5°	928.2	928.2	925.3	914.9	901.6	894.2	880.1	876.4	867.6	866.8	866.1
7.5°	903.1	899.4	895.7	880.9	864.6	852.8	833.5	829.1	820.2	814.3	811.4
10°	873.5	868.3	860.9	843.9	823.9	809.1	789.2	783.3	766.2	758.8	754.4
12.5°	840.9	838.0	826.2	812.1	779.6	763.3	734.4	740.4	723.3	708.6	706.3
15°	808.4	797.3	790.7	767.7	728.5	721.1	698.2	686.4	670.8	659.0	659.0
17.5°	776.6	759.6	744.8	720.4	691.5	670.8	653.8	647.9	628.7	616.8	614.6
20°	734.4	715.2	711.5	676.8	656.8	633.9	617.6	602.8	588.7	583.6	579.9
22.5°	694.5	672.3	666.4	636.8	616.8	593.9	577.6	567.3	556.9	553.2	546.6
25°	651.6	638.3	629.4	597.6	575.4	554.0	542.9	535.5	525.9	525.1	520.7
27.5°	610.2	597.6	588.7	558.4	542.1	522.2	513.3	505.2	500.0	497.8	495.5
30°	574.7	560.6	550.3	528.1	508.1	491.8	484.4	479.3	476.3	472.6	471.9
32.5°	535.5	527.3	513.3	496.3	480.8	465.2	460.8	457.1	452.6	451.2	450.4
35°	502.2	491.1	482.2	463.0	456.3	443.0	437.9	434.9	429.0	427.5	426.0
37.5°	469.7	459.3	449.7	437.9	425.3	417.9	414.9	410.5	407.5	408.3	406.8
40°	437.1	429.0	421.6	409.0	401.6	397.9	392.0	387.6	386.1	386.8	386.1
42.5°	405.3	397.9	393.5	383.9	376.5	372.8	369.1	364.6	366.9	366.9	369.1
45°	376.5	369.8	366.9	359.5	355.0	349.1	345.4	344.7	347.6	346.9	346.9
47.5°	346.9	344.7	341.0	334.3	328.4	324.7	324.0	324.0	326.9	328.4	327.7
50°	324.0	319.5	315.1	309.9	305.5	304.0	301.8	303.2	306.2	306.2	307.7
52.5°	295.1	292.1	290.7	286.2	283.3	283.3	283.3	284.0	286.2	288.5	287.7
55°	270.0	267.7	266.3	264.0	260.3	261.1	260.3	261.8	264.0	266.3	267.7
57.5°	243.3	242.6	241.1	237.4	237.4	236.7	238.9	239.6	243.3	244.8	247.0
60°	219.7	217.4	217.4	214.5	214.5	214.5	216.7	218.9	221.9	222.6	224.1
62.5°	194.5	194.5	193.8	191.6	191.6	193.8	194.5	197.5	199.0	199.0	201.2
65°	170.9	170.1	169.4	170.1	170.9	170.9	173.1	174.5	176.0	176.8	177.5
67.5°	147.2	146.4	147.9	147.2	148.7	151.6	150.9	153.1	155.3	155.3	156.1
70°	125.0	126.5	125.7	127.2	126.5	128.0	130.2	130.9	130.9	131.7	133.9
72.5°	104.3	104.3	104.3	103.5	104.3	105.8	107.2	108.0	109.5	110.2	112.4
75°	84.3	84.3	82.8	84.3	84.3	85.8	87.3	87.3	87.3	88.8	91.0
77.5°	63.6	64.3	63.6	65.1	65.1	65.8	67.3	66.6	68.0	68.8	69.5
80°	46.6	45.9	45.9	45.9	46.6	46.6	48.1	48.8	48.8	51.0	49.6
82.5°	29.6	30.3	29.6	30.3	30.3	31.1	30.3	31.1	31.8	33.3	32.5
85°	17.0	16.3	16.3	17.0	16.3	16.3	17.0	16.3	17.0	16.3	17.0
87.5°	6.7	5.9	5.9	5.9	5.9	5.2	5.2	4.4	4.4	4.4	3.7
90°	13.1	14.6	15.7	17.8	20.0	22.1	24.3	25.7	27.0	28.4	29.7
92.5°	26.1	25.6	26.0	26.8	27.6	28.4	29.2	29.7	30.3	30.8	31.3
95°	43.4	38.9	39.9	41.8	43.7	45.6	47.5	48.8	50.2	51.5	52.8
97.5°	53.7	42.6	44.8	49.1	53.4	57.8	62.1	62.9	63.7	64.5	65.3
100°	67.2	48.7	51.0	55.6	60.2	64.8	69.4	71.6	73.7	75.9	78.0
102.5°	293.6	293.3	268.7	219.5	170.2	121.0	71.8	74.8	77.8	80.7	83.7
105°	402.3	406.4	369.5	295.7	221.8	148.0	74.2	77.2	80.2	83.1	86.1
107.5°	483.3	486.7	441.1	350.0	258.9	167.8	76.7	79.7	82.6	85.6	88.5
110°	561.8	564.6	525.5	447.4	369.2	291.1	212.9	185.9	158.9	131.8	104.8

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	636.4	638.8	636.5	631.9	627.4	622.8	618.2	501.6	385.1	268.5	152.0
115°	718.1	720.4	723.8	730.5	737.3	744.0	750.8	625.6	500.4	375.2	250.0
117.5°	793.1	795.8	798.1	802.7	807.3	811.9	816.5	777.8	739.2	700.5	661.8
120°	868.0	870.0	872.4	877.3	882.2	887.0	891.9	895.1	898.4	901.6	904.9
122.5°	937.2	939.4	942.1	947.5	952.9	958.3	963.7	965.3	966.9	968.6	970.2
125°	1003.3	1005.1	1007.7	1012.8	1017.9	1023.1	1028.2	1030.1	1032.0	1033.9	1035.8
127.5°	1067.7	1069.6	1071.6	1075.7	1079.7	1083.8	1087.8	1090.5	1093.2	1095.9	1098.6
130°	1129.5	1131.7	1133.2	1136.1	1139.1	1142.0	1145.0	1148.0	1151.0	1153.9	1156.9
132.5°	1187.0	1188.8	1190.3	1193.3	1196.2	1199.2	1202.2	1204.6	1207.1	1209.5	1212.0
135°	1241.4	1243.6	1244.8	1247.3	1249.7	1252.2	1254.6	1257.3	1260.0	1262.7	1265.4
137.5°	1290.7	1292.3	1293.6	1296.3	1299.0	1301.7	1304.4	1307.1	1309.8	1312.5	1315.2
140°	1338.6	1339.7	1341.2	1344.2	1347.1	1350.1	1353.1	1355.5	1358.0	1360.4	1362.9
142.5°	1381.4	1382.3	1384.1	1387.6	1391.1	1394.6	1398.1	1400.3	1402.5	1404.6	1406.8
145°	1418.9	1418.8	1421.1	1425.7	1430.3	1434.9	1439.5	1441.4	1443.3	1445.2	1447.1
147.5°	1456.9	1456.5	1458.8	1463.4	1468.0	1472.6	1477.2	1478.6	1479.9	1481.3	1482.6
150°	1491.5	1490.6	1492.8	1497.1	1501.4	1505.8	1510.1	1511.7	1513.3	1515.0	1516.6
152.5°	1523.4	1522.3	1524.3	1528.4	1532.4	1536.5	1540.5	1542.1	1543.7	1545.4	1547.0
155°	1553.9	1552.7	1554.3	1557.6	1560.8	1564.1	1567.3	1568.9	1570.5	1572.2	1573.8
157.5°	1580.5	1579.4	1580.6	1583.1	1585.5	1588.0	1590.4	1592.3	1594.2	1596.1	1598.0
160°	1604.6	1603.8	1604.6	1606.2	1607.9	1609.5	1611.1	1612.7	1614.3	1616.0	1617.6
162.5°	1624.1	1623.3	1624.0	1625.3	1626.6	1628.0	1629.3	1631.2	1633.1	1635.0	1636.9
165°	1641.1	1640.3	1640.7	1641.5	1642.3	1643.1	1643.9	1645.8	1647.7	1649.6	1651.5
167.5°	1654.5	1653.7	1654.1	1654.9	1655.7	1656.5	1657.3	1659.2	1661.1	1663.0	1664.9
170°	1665.4	1664.6	1664.9	1665.4	1666.0	1666.5	1667.1	1669.0	1670.9	1672.8	1674.7
172.5°	1672.7	1671.9	1672.2	1672.7	1673.3	1673.8	1674.4	1676.3	1678.2	1680.1	1682.0
175°	1677.7	1676.8	1677.1	1677.6	1678.1	1678.7	1679.2	1681.1	1683.0	1684.9	1686.8
177.5°	1680.1	1679.2	1679.3	1679.6	1679.9	1680.1	1680.4	1682.3	1684.2	1686.1	1688.0
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029456

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	917.1	919.3	914.2	912.7	914.2	909.0	910.5	911.9	911.9	914.2	915.6
5°	863.9	860.9	855.7	854.3	852.8	855.0	853.5	855.7	856.5	861.7	862.4
7.5°	811.4	806.9	802.5	798.0	796.6	792.9	796.6	796.6	801.7	800.3	804.0
10°	749.2	748.5	742.6	740.4	737.4	731.5	739.6	737.4	741.1	747.8	749.2
12.5°	703.4	695.2	698.9	688.6	692.3	686.4	687.1	687.1	693.0	693.8	692.3
15°	659.7	653.1	643.5	639.0	636.8	633.9	643.5	644.2	639.8	650.1	646.4
17.5°	615.4	615.4	606.5	604.3	598.4	601.3	599.8	600.6	599.1	606.5	610.2
20°	576.9	573.2	570.2	571.0	563.6	562.1	560.6	562.1	567.3	572.5	573.9
22.5°	545.8	543.6	536.2	537.7	531.8	534.0	532.5	536.2	537.0	537.0	542.1
25°	516.3	513.3	514.0	511.1	508.9	508.9	506.6	508.9	511.8	513.3	514.0
27.5°	494.1	491.8	488.1	485.9	487.4	483.7	486.7	488.9	488.9	487.4	488.9
30°	467.4	468.9	468.9	461.5	464.5	463.0	465.2	466.7	466.7	467.4	466.0
32.5°	449.7	445.2	444.5	443.8	443.8	440.8	440.8	443.0	443.8	444.5	446.7
35°	426.0	426.0	422.3	424.5	421.6	422.3	421.6	422.3	423.8	421.6	423.8
37.5°	404.6	405.3	403.8	405.3	406.1	404.6	403.1	406.1	404.6	404.6	403.1
40°	386.1	385.3	386.1	386.1	386.1	386.8	385.3	385.3	385.3	383.9	382.4
42.5°	370.5	366.1	367.6	368.3	366.1	366.1	366.9	366.1	368.3	363.9	363.9
45°	348.4	346.9	347.6	347.6	349.1	346.9	348.4	349.1	346.9	346.1	344.7
47.5°	328.4	329.9	328.4	329.9	329.9	331.3	328.4	329.1	329.9	326.9	324.7
50°	308.4	308.4	310.6	309.9	310.6	309.2	309.2	308.4	309.2	307.7	305.5
52.5°	289.9	287.7	291.4	290.7	289.9	289.2	288.5	289.2	287.7	286.2	286.2
55°	267.0	267.0	269.2	270.0	270.0	268.5	267.0	267.7	267.0	266.3	265.5
57.5°	248.5	245.6	247.0	247.8	247.8	245.6	247.0	245.6	245.6	246.3	244.1
60°	224.8	224.8	223.4	225.6	225.6	224.1	224.1	224.8	223.4	222.6	221.9
62.5°	199.7	200.4	202.7	203.4	204.1	202.7	201.2	201.9	201.9	199.7	200.4
65°	178.2	179.7	182.7	181.9	180.5	181.2	179.7	180.5	178.2	179.0	176.8
67.5°	157.5	156.8	157.5	157.5	159.0	158.3	156.8	156.8	156.1	158.3	156.1
70°	135.4	135.4	135.4	135.4	136.1	136.8	135.4	133.9	134.6	133.1	132.4
72.5°	112.4	113.2	112.4	113.9	111.7	113.2	113.2	112.4	111.7	111.7	111.7
75°	91.0	92.5	90.2	91.0	90.2	91.7	91.0	91.0	89.5	88.8	89.5
77.5°	69.5	70.3	68.8	69.5	68.8	69.5	69.5	68.8	68.8	68.8	68.8
80°	49.6	50.3	49.6	48.8	48.1	49.6	48.1	48.8	49.6	48.8	50.3
82.5°	31.8	31.8	31.1	31.8	30.3	30.3	31.1	31.1	30.3	31.8	30.3
85°	15.5	15.5	17.0	15.5	14.8	14.8	14.8	15.5	14.8	16.3	15.5
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.4	3.0
90°	30.4	30.7	31.2	31.8	32.3	32.9	32.3	31.8	31.2	30.7	30.4
92.5°	31.6	31.7	32.0	32.3	32.6	32.9	32.6	32.3	32.0	31.7	31.6
95°	53.5	53.4	53.1	52.8	52.6	52.3	52.6	52.8	53.1	53.4	53.5
97.5°	65.7	65.8	66.1	66.4	66.6	66.9	66.6	66.4	66.1	65.8	65.7
100°	79.1	79.4	79.9	80.4	81.0	81.5	81.0	80.4	79.9	79.4	79.1
102.5°	85.2	85.6	86.4	87.2	88.0	88.8	88.0	87.2	86.4	85.6	85.2
105°	87.6	88.1	89.2	90.3	91.4	92.5	91.4	90.3	89.2	88.1	87.6
107.5°	90.0	90.5	91.6	92.7	93.8	94.9	93.8	92.7	91.6	90.5	90.0
110°	91.3	91.8	92.9	94.0	95.0	96.1	95.0	94.0	92.9	91.8	91.3

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CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	93.7	94.1	94.9	95.7	96.5	97.3	96.5	95.7	94.9	94.1	93.7
115°	187.4	177.7	158.2	138.7	119.3	99.8	119.3	138.7	158.2	177.7	187.4
117.5°	642.5	607.1	536.2	465.4	394.5	323.7	394.5	465.4	536.2	607.1	642.5
120°	906.5	888.3	851.8	815.3	778.8	742.3	778.8	815.3	851.8	888.3	906.5
122.5°	971.0	971.1	971.4	971.7	971.9	972.2	971.9	971.7	971.4	971.1	971.0
125°	1036.7	1037.1	1037.9	1038.8	1039.6	1040.4	1039.6	1038.8	1037.9	1037.1	1036.7
127.5°	1100.0	1100.1	1100.4	1100.7	1100.9	1101.2	1100.9	1100.7	1100.4	1100.1	1100.0
130°	1158.4	1158.3	1158.0	1157.7	1157.5	1157.2	1157.5	1157.7	1158.0	1158.3	1158.4
132.5°	1213.2	1213.1	1212.8	1212.5	1212.3	1212.0	1212.3	1212.5	1212.8	1213.1	1213.2
135°	1266.7	1266.4	1265.9	1265.4	1264.8	1264.3	1264.8	1265.4	1265.9	1266.4	1266.7
137.5°	1316.6	1316.2	1315.4	1314.6	1313.8	1313.0	1313.8	1314.6	1315.4	1316.2	1316.6
140°	1364.1	1363.4	1362.1	1360.7	1359.4	1358.0	1359.4	1360.7	1362.1	1363.4	1364.1
142.5°	1407.9	1407.2	1405.9	1404.5	1403.2	1401.8	1403.2	1404.5	1405.9	1407.2	1407.9
145°	1448.0	1447.3	1446.0	1444.6	1443.3	1441.9	1443.3	1444.6	1446.0	1447.3	1448.0
147.5°	1483.3	1482.8	1481.7	1480.6	1479.6	1478.5	1479.6	1480.6	1481.7	1482.8	1483.3
150°	1517.4	1516.7	1515.4	1514.0	1512.7	1511.3	1512.7	1514.0	1515.4	1516.7	1517.4
152.5°	1547.8	1546.9	1545.0	1543.1	1541.2	1539.3	1541.2	1543.1	1545.0	1546.9	1547.8
155°	1574.6	1573.5	1571.3	1569.2	1567.0	1564.8	1567.0	1569.2	1571.3	1573.5	1574.6
157.5°	1598.9	1597.8	1595.7	1593.5	1591.4	1589.2	1591.4	1593.5	1595.7	1597.8	1598.9
160°	1618.4	1617.5	1615.6	1613.7	1611.8	1609.9	1611.8	1613.7	1615.6	1617.5	1618.4
162.5°	1637.9	1636.7	1634.2	1631.8	1629.3	1626.9	1629.3	1631.8	1634.2	1636.7	1637.9
165°	1652.5	1651.5	1649.6	1647.7	1645.8	1643.9	1645.8	1647.7	1649.6	1651.5	1652.5
167.5°	1665.8	1664.6	1662.2	1659.7	1657.3	1654.9	1657.3	1659.7	1662.2	1664.6	1665.8
170°	1675.6	1674.4	1671.9	1669.5	1667.0	1664.6	1667.0	1669.5	1671.9	1674.4	1675.6
172.5°	1682.9	1681.7	1679.2	1676.8	1674.3	1671.9	1674.3	1676.8	1679.2	1681.7	1682.9
175°	1687.7	1686.4	1683.7	1681.0	1678.3	1675.6	1678.3	1681.0	1683.7	1686.4	1687.7
177.5°	1689.0	1687.8	1685.3	1682.9	1680.4	1678.0	1680.4	1682.9	1685.3	1687.8	1689.0
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

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CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2	962.2
2.5°	913.4	919.3	917.1	909.0	918.6	918.6	925.3	925.3	933.4	936.4	940.8
5°	861.7	866.1	869.8	866.1	872.7	883.1	889.0	894.2	905.3	909.7	916.4
7.5°	806.2	814.3	818.0	818.0	829.1	840.9	852.8	860.2	875.7	881.6	888.3
10°	752.2	761.8	769.2	768.5	787.0	794.3	809.1	826.2	841.7	850.6	860.2
12.5°	695.2	700.4	710.8	725.6	730.0	743.3	760.3	781.8	809.9	818.0	832.1
15°	647.9	662.0	670.1	676.8	687.1	699.7	718.2	738.9	767.0	784.7	799.5
17.5°	608.0	626.5	631.6	630.2	643.5	662.7	684.1	699.7	724.8	746.3	760.3
20°	575.4	582.8	591.7	595.4	605.7	626.5	647.2	664.9	685.6	702.6	718.9
22.5°	542.9	548.8	556.2	562.8	571.0	582.8	602.8	625.0	644.9	661.2	679.7
25°	516.3	520.0	526.6	531.8	540.7	548.8	562.8	587.3	610.9	620.5	636.8
27.5°	490.4	493.3	497.8	503.7	508.1	516.3	528.8	548.8	573.2	582.8	605.0
30°	467.4	469.7	474.1	477.1	479.3	488.9	498.5	514.0	532.5	545.8	562.1
32.5°	446.0	448.2	452.6	453.4	456.3	461.5	470.4	484.4	500.7	511.8	525.9
35°	422.3	423.8	428.2	429.7	431.9	436.4	443.0	453.4	468.2	476.3	488.9
37.5°	403.8	403.1	406.1	408.3	411.2	413.4	415.7	426.0	437.1	444.5	454.1
40°	383.9	382.4	383.1	386.1	387.6	390.5	390.5	400.9	408.3	414.2	421.6
42.5°	363.9	363.2	361.7	363.2	364.6	365.4	366.1	373.5	380.9	386.1	394.2
45°	343.9	343.2	341.7	342.4	342.4	343.9	346.1	349.1	354.3	358.7	363.2
47.5°	325.4	324.0	321.7	321.0	322.5	322.5	322.5	325.4	330.6	332.1	336.5
50°	306.2	304.0	301.0	299.5	299.5	298.8	300.3	301.0	305.5	306.9	310.6
52.5°	285.5	284.0	281.1	278.1	278.8	277.4	278.1	278.8	280.3	282.5	284.8
55°	264.8	261.8	259.6	258.9	256.6	256.6	254.4	257.4	256.6	257.4	260.3
57.5°	244.8	241.9	238.2	236.7	234.5	233.7	232.2	231.5	232.2	234.5	236.7
60°	221.1	219.7	217.4	215.2	213.7	211.5	210.1	210.1	209.3	209.3	210.1
62.5°	198.2	197.5	194.5	193.8	192.3	190.8	188.6	187.1	187.1	188.6	189.3
65°	176.0	175.3	173.1	172.3	168.6	167.2	166.4	165.7	164.2	164.2	164.2
67.5°	155.3	153.1	153.1	149.4	146.4	145.0	143.5	142.7	142.7	142.7	143.5
70°	132.4	132.4	130.2	128.0	125.0	125.7	123.5	121.3	121.3	119.8	120.6
72.5°	110.2	109.5	107.2	106.5	104.3	102.1	100.6	102.1	99.8	99.1	99.8
75°	88.8	88.0	86.5	85.1	85.8	83.6	81.4	80.6	80.6	79.1	79.1
77.5°	68.0	69.5	66.6	65.8	64.3	62.9	62.1	61.4	61.4	61.4	62.9
80°	47.3	48.1	48.1	46.6	47.3	45.1	45.1	45.1	42.9	43.6	44.4
82.5°	30.3	30.3	29.6	30.3	29.6	29.6	28.8	28.8	28.1	28.1	28.8
85°	17.0	16.3	15.5	17.0	16.3	16.3	15.5	15.5	15.5	15.5	15.5
87.5°	3.7	4.4	4.4	4.4	4.4	5.2	5.2	5.2	5.9	5.9	5.9
90°	29.7	28.4	27.0	25.7	24.3	22.1	20.0	17.8	15.7	14.6	13.1
92.5°	31.3	30.8	30.3	29.7	29.2	28.4	27.6	26.8	26.0	25.6	26.1
95°	52.8	51.5	50.2	48.8	47.5	45.6	43.7	41.8	39.9	38.9	43.4
97.5°	65.3	64.5	63.7	62.9	62.1	57.8	53.4	49.1	44.8	42.6	53.7
100°	78.0	75.9	73.7	71.6	69.4	64.8	60.2	55.6	51.0	48.7	67.2
102.5°	83.7	80.7	77.8	74.8	71.8	121.0	170.2	219.5	268.7	293.3	293.6
105°	86.1	83.1	80.2	77.2	74.2	148.0	221.8	295.7	369.5	406.4	402.3
107.5°	88.5	85.6	82.6	79.7	76.7	167.8	258.9	350.0	441.1	486.7	483.3
110°	104.8	131.8	158.9	185.9	212.9	291.1	369.2	447.4	525.5	564.6	561.8

TEST NUMBER: P1029456

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	152.0	268.5	385.1	501.6	618.2	622.8	627.4	631.9	636.5	638.8	636.4
115°	250.0	375.2	500.4	625.6	750.8	744.0	737.3	730.5	723.8	720.4	718.1
117.5°	661.8	700.5	739.2	777.8	816.5	811.9	807.3	802.7	798.1	795.8	793.1
120°	904.9	901.6	898.4	895.1	891.9	887.0	882.2	877.3	872.4	870.0	868.0
122.5°	970.2	968.6	966.9	965.3	963.7	958.3	952.9	947.5	942.1	939.4	937.2
125°	1035.8	1033.9	1032.0	1030.1	1028.2	1023.1	1017.9	1012.8	1007.7	1005.1	1003.3
127.5°	1098.6	1095.9	1093.2	1090.5	1087.8	1083.8	1079.7	1075.7	1071.6	1069.6	1067.7
130°	1156.9	1153.9	1151.0	1148.0	1145.0	1142.0	1139.1	1136.1	1133.2	1131.7	1129.5
132.5°	1212.0	1209.5	1207.1	1204.6	1202.2	1199.2	1196.2	1193.3	1190.3	1188.8	1187.0
135°	1265.4	1262.7	1260.0	1257.3	1254.6	1252.2	1249.7	1247.3	1244.8	1243.6	1241.4
137.5°	1315.2	1312.5	1309.8	1307.1	1304.4	1301.7	1299.0	1296.3	1293.6	1292.3	1290.7
140°	1362.9	1360.4	1358.0	1355.5	1353.1	1350.1	1347.1	1344.2	1341.2	1339.7	1338.6
142.5°	1406.8	1404.6	1402.5	1400.3	1398.1	1394.6	1391.1	1387.6	1384.1	1382.3	1381.4
145°	1447.1	1445.2	1443.3	1441.4	1439.5	1434.9	1430.3	1425.7	1421.1	1418.8	1418.9
147.5°	1482.6	1481.3	1479.9	1478.6	1477.2	1472.6	1468.0	1463.4	1458.8	1456.5	1456.9
150°	1516.6	1515.0	1513.3	1511.7	1510.1	1505.8	1501.4	1497.1	1492.8	1490.6	1491.5
152.5°	1547.0	1545.4	1543.7	1542.1	1540.5	1536.5	1532.4	1528.4	1524.3	1522.3	1523.4
155°	1573.8	1572.2	1570.5	1568.9	1567.3	1564.1	1560.8	1557.6	1554.3	1552.7	1553.9
157.5°	1598.0	1596.1	1594.2	1592.3	1590.4	1588.0	1585.5	1583.1	1580.6	1579.4	1580.5
160°	1617.6	1616.0	1614.3	1612.7	1611.1	1609.5	1607.9	1606.2	1604.6	1603.8	1604.6
162.5°	1636.9	1635.0	1633.1	1631.2	1629.3	1628.0	1626.6	1625.3	1624.0	1623.3	1624.1
165°	1651.5	1649.6	1647.7	1645.8	1643.9	1643.1	1642.3	1641.5	1640.7	1640.3	1641.1
167.5°	1664.9	1663.0	1661.1	1659.2	1657.3	1656.5	1655.7	1654.9	1654.1	1653.7	1654.5
170°	1674.7	1672.8	1670.9	1669.0	1667.1	1666.5	1666.0	1665.4	1664.9	1664.6	1665.4
172.5°	1682.0	1680.1	1678.2	1676.3	1674.4	1673.8	1673.3	1672.7	1672.2	1671.9	1672.7
175°	1686.8	1684.9	1683.0	1681.1	1679.2	1678.7	1678.1	1677.6	1677.1	1676.8	1677.7
177.5°	1688.0	1686.1	1684.2	1682.3	1680.4	1680.1	1679.9	1679.6	1679.3	1679.2	1680.1
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029456

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	962.2	962.2	962.2	962.2
2.5°	944.5	944.5	955.6	967.4
5°	923.8	929.0	946.7	963.0
7.5°	903.8	912.7	934.9	955.6
10°	879.4	891.2	918.6	943.0
12.5°	855.7	866.8	898.6	926.0
15°	822.5	836.5	870.5	904.6
17.5°	789.2	803.2	844.6	884.6
20°	750.0	768.5	815.1	868.3
22.5°	713.7	736.7	788.4	831.3
25°	673.8	709.3	757.4	812.8
27.5°	638.3	673.8	722.6	778.8
30°	598.4	634.6	684.9	736.7
32.5°	559.9	593.2	642.0	705.6
35°	520.0	551.8	599.1	663.4
37.5°	483.7	514.8	566.5	625.7
40°	448.2	480.8	525.1	584.3
42.5°	414.9	443.8	483.7	542.9
45°	384.6	405.3	442.3	497.8
47.5°	352.8	371.3	405.3	460.8
50°	323.2	338.7	368.3	420.1
52.5°	294.4	307.7	335.0	376.5
55°	268.5	281.1	301.0	341.7
57.5°	241.9	251.5	270.7	303.2
60°	216.0	224.8	240.4	267.0
62.5°	190.1	197.5	212.3	233.7
65°	167.2	173.1	184.2	202.7
67.5°	145.0	148.7	157.5	172.3
70°	123.5	126.5	133.9	145.7
72.5°	100.6	103.5	111.7	119.8
75°	81.4	82.1	88.0	94.7
77.5°	63.6	62.9	67.3	72.5
80°	43.6	45.9	49.6	51.8
82.5°	29.6	30.3	31.8	33.3
85°	16.3	17.0	17.0	19.2
87.5°	6.7	7.4	7.4	8.1
90°	10.1	7.2	4.2	1.2
92.5°	27.2	28.3	29.3	30.4
95°	52.3	61.2	70.2	79.1
97.5°	75.9	98.0	120.2	142.4
100°	104.3	141.3	178.4	215.4
102.5°	294.1	294.6	295.2	295.7
105°	394.2	386.1	378.0	369.9
107.5°	476.6	469.8	463.1	456.3
110°	556.1	550.4	544.8	539.1



TEST NUMBER: P1029456

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	631.5	626.6	621.8	616.9
115°	713.5	708.9	704.3	699.7
117.5°	787.7	782.3	776.9	771.5
120°	863.9	859.9	855.8	851.8
122.5°	932.9	928.6	924.2	919.9
125°	999.8	996.3	992.8	989.3
127.5°	1063.9	1060.2	1056.4	1052.6
130°	1125.2	1120.9	1116.5	1112.2
132.5°	1183.5	1180.0	1176.5	1173.0
135°	1237.1	1232.8	1228.4	1224.1
137.5°	1287.4	1284.2	1280.9	1277.7
140°	1336.5	1334.3	1332.2	1330.0
142.5°	1379.5	1377.6	1375.7	1373.8
145°	1419.2	1419.5	1419.7	1420.0
147.5°	1457.7	1458.6	1459.4	1460.2
150°	1493.4	1495.3	1497.2	1499.1
152.5°	1525.5	1527.7	1529.8	1532.0
155°	1556.3	1558.8	1561.2	1563.6
157.5°	1582.7	1584.8	1587.0	1589.2
160°	1606.2	1607.9	1609.5	1611.1
162.5°	1625.7	1627.4	1629.0	1630.6
165°	1642.7	1644.4	1646.0	1647.6
167.5°	1656.1	1657.8	1659.4	1661.0
170°	1667.0	1668.7	1670.3	1671.9
172.5°	1674.3	1676.0	1677.6	1679.2
175°	1679.6	1681.5	1683.4	1685.3
177.5°	1682.0	1683.9	1685.8	1687.7
180°	1681.7	1681.7	1681.7	1681.7

(END OF REPORT)