

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: P1029660

Luminaire Tested: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029660
REPORT IS A COMBINATION OF REPORTS P986567 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

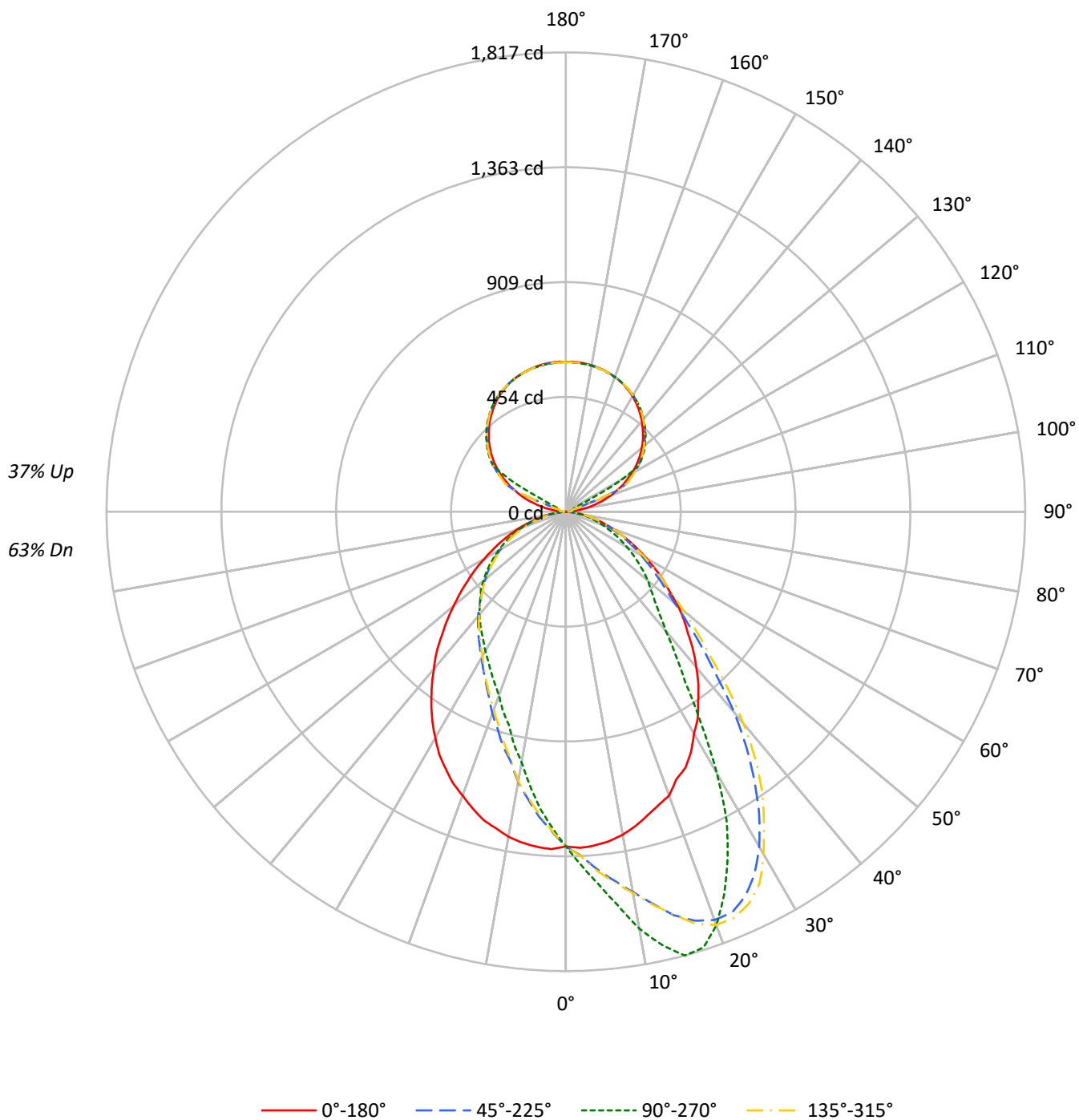
Lumens per Lamp: N/A
Luminaire Lumens: 4657.0 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 49.1
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	50	30	10
RCR																				
0	110	110	110	110	103	103	103	103	90	90	90	79	79	79	68	68	68	68	68	68
1	101	97	93	90	95	91	88	85	80	78	76	70	68	67	61	60	58	58	58	58
2	93	85	80	75	87	80	75	71	71	67	64	62	59	57	54	52	50	50	50	50
3	85	76	69	63	79	71	65	60	63	58	54	56	52	49	49	46	43	43	43	43
4	78	67	60	54	73	64	57	51	57	51	47	50	46	42	44	41	38	38	38	38
5	72	61	53	47	67	57	50	45	51	45	41	45	41	37	40	36	34	34	34	34
6	67	55	47	41	62	52	45	39	46	40	36	41	37	33	36	33	30	30	30	30
7	62	50	42	36	58	47	40	35	42	36	32	38	33	29	33	30	27	27	27	27
8	57	45	38	32	54	43	36	31	39	33	29	35	30	26	31	27	24	24	24	24
9	54	42	34	29	50	40	33	28	36	30	26	32	27	24	29	25	22	22	22	22
10	50	38	31	26	47	36	30	25	33	27	24	30	25	22	27	23	20	20	20	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20950	20950	20950	20950
5°	21000	22337	21081	17772
10°	20756	24384	20887	14652
15°	20252	25721	20534	12342
20°	19937	24150	19937	10726
25°	19302	20747	19390	9593
30°	18256	16309	18604	8689
35°	17330	11278	17620	7951
40°	16266	8515	16450	7360
45°	14952	6997	15196	6725
50°	13817	6141	13841	6156
55°	12524	5233	12604	5539
60°	11143	4370	11297	4833
65°	9908	3554	10089	4127
70°	8679	2790	8900	3329
75°	7283	2025	7569	2414
80°	5684	1282	6092	1434
85°	3729	647	4026	477

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21656 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	2.7
10°-20°	366.9	7.9
20°-30°	532.5	11.4
30°-40°	561.3	12.1
40°-50°	496.7	10.7
50°-60°	396.6	8.5
60°-70°	269.4	5.8
70°-80°	137.8	3.0
80°-90°	33.6	0.7
90°-100°	19.5	0.4
100°-110°	72.8	1.6
110°-120°	193.0	4.1
120°-130°	320.2	6.9
130°-140°	340.1	7.3
140°-150°	316.1	6.8
150°-160°	254.1	5.5
160°-170°	163.8	3.5
170°-180°	56.4	1.2
0°-30°	1025.5	22.0
0°-40°	1586.8	34.1
0°-60°	2480.2	53.3
0°-90°	2921.0	62.7
90°-120°	285.4	6.1
90°-150°	1261.7	27.1
90°-180°	1736.0	37.3
0°-180°	4657.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1324	1324	1324	1324	1324	
5°	1324	1478	1330	1176	1324	126
15°	1244	1817	1261	872	1244	351
25°	1118	1514	1123	700	1118	511
35°	912	824	928	581	912	571
45°	685	496	696	477	685	531
55°	470	349	473	369	470	419
65°	279	215	284	249	279	277
75°	130	106	135	126	130	140
85°	26	28	28	20	26	31
90°	0	12	0	12	0	3
95°	28	18	28	18	28	33
105°	130	33	130	33	130	139
115°	246	35	246	35	246	243
125°	348	366	348	366	348	311
135°	431	445	431	445	431	333
145°	500	508	500	508	500	313
155°	551	551	551	551	551	254
165°	580	579	580	579	580	164
175°	593	590	593	590	593	56
180°	592	592	592	592	592	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1330.6	1333.7	1338.7	1339.8	1349.9	1358.1	1367.2	1367.2	1370.3	1369.3	1361.1
5°	1324.5	1333.7	1346.9	1358.1	1376.4	1384.5	1396.7	1405.9	1414.0	1420.1	1419.1
7.5°	1314.3	1330.6	1349.9	1371.3	1395.7	1409.9	1427.2	1443.5	1454.7	1464.9	1472.0
10°	1297.0	1324.5	1350.9	1379.4	1411.0	1430.3	1450.6	1472.0	1489.3	1508.6	1526.9
12.5°	1273.6	1313.3	1345.9	1383.5	1422.2	1443.5	1476.1	1492.3	1525.9	1574.7	1588.0
15°	1244.1	1298.0	1328.6	1376.4	1427.2	1444.5	1489.3	1515.7	1584.9	1615.4	1652.1
17.5°	1216.7	1276.7	1317.4	1372.3	1422.2	1455.7	1499.5	1553.4	1611.4	1655.1	1695.8
20°	1194.3	1252.3	1301.1	1362.1	1425.2	1467.9	1513.7	1578.8	1641.9	1686.6	1718.2
22.5°	1143.4	1217.7	1274.7	1342.8	1419.1	1478.1	1521.8	1593.1	1661.2	1688.7	1716.1
25°	1118.0	1182.1	1248.2	1325.5	1415.0	1485.2	1522.9	1602.2	1662.2	1672.4	1678.5
27.5°	1071.2	1143.4	1220.7	1309.2	1414.0	1473.0	1520.8	1593.1	1640.9	1633.8	1615.4
30°	1013.2	1101.7	1187.2	1282.8	1399.8	1463.9	1508.6	1574.7	1599.2	1562.5	1530.0
32.5°	970.5	1053.9	1148.5	1259.4	1383.5	1444.5	1488.3	1540.2	1545.2	1479.1	1424.2
35°	912.5	1005.1	1111.9	1228.9	1356.0	1411.0	1451.7	1483.2	1458.8	1366.2	1301.1
37.5°	860.6	952.2	1066.1	1185.1	1318.4	1372.3	1404.9	1409.9	1349.9	1268.5	1172.9
40°	803.7	898.3	1017.3	1142.4	1276.7	1323.5	1343.8	1328.6	1242.1	1147.5	1036.6
42.5°	746.7	840.3	968.4	1096.6	1223.8	1263.5	1271.6	1229.9	1124.1	1013.2	885.0
45°	684.6	782.3	910.5	1039.7	1162.7	1185.1	1186.1	1126.1	1001.0	885.0	766.0
47.5°	633.8	724.3	851.5	980.7	1084.4	1099.7	1093.6	1024.4	888.1	757.9	654.1
50°	577.8	664.3	790.4	917.6	1006.1	1010.2	994.9	896.2	763.0	643.9	561.5
52.5°	517.8	605.3	721.3	843.3	922.7	916.6	887.1	781.3	656.1	557.5	494.4
55°	470.0	547.3	656.1	775.2	831.1	813.8	781.3	673.4	574.8	491.3	436.4
57.5°	417.1	485.2	592.1	695.8	728.4	712.1	679.5	578.8	487.3	424.2	387.6
60°	367.2	429.3	522.9	609.4	634.8	617.5	579.8	489.3	423.2	370.3	342.8
62.5°	321.5	375.4	453.7	533.1	543.2	525.9	493.4	420.1	363.2	321.5	301.1
65°	278.7	329.6	392.7	452.7	461.8	443.5	410.0	357.1	309.3	282.8	263.5
67.5°	237.0	277.7	333.7	377.4	382.5	365.2	337.7	295.0	265.5	237.0	222.8
70°	200.4	230.9	274.7	310.3	312.3	296.0	281.8	243.1	220.7	200.4	189.2
72.5°	164.8	186.2	219.7	246.2	247.2	237.0	223.8	199.4	180.1	165.8	154.6
75°	130.2	148.5	168.9	192.3	191.2	183.1	172.9	157.7	141.4	132.2	127.2
77.5°	99.7	110.9	127.2	142.4	142.4	138.3	132.2	121.1	110.9	101.7	96.6
80°	71.2	78.3	91.6	96.6	98.7	97.7	92.6	84.4	80.4	73.2	71.2
82.5°	45.8	50.9	57.0	62.1	65.1	63.1	62.1	58.0	51.9	49.8	47.8
85°	26.4	28.5	31.5	34.6	35.6	34.6	36.6	33.6	30.5	30.5	29.5
87.5°	11.2	12.2	14.2	14.2	15.3	15.3	14.2	15.3	15.3	14.2	13.2
90°	0.4	1.4	2.5	3.5	4.6	5.1	5.5	6.3	7.0	7.8	8.6
92.5°	10.7	10.3	9.9	9.6	9.2	9.0	9.1	9.4	9.7	10.0	10.3
95°	27.9	24.7	21.6	18.4	15.3	13.7	14.0	14.7	15.4	16.0	16.7
97.5°	50.1	42.3	34.5	26.7	18.9	15.0	15.8	17.3	18.8	20.4	21.9
100°	75.8	62.8	49.7	36.7	23.6	17.1	17.9	19.5	21.2	22.8	24.4
102.5°	104.1	103.9	103.7	103.6	103.4	103.3	94.6	77.3	60.0	42.6	25.3
105°	130.3	133.1	136.0	138.8	141.7	143.1	130.1	104.1	78.1	52.1	26.1
107.5°	160.7	163.1	165.5	167.8	170.2	171.4	155.4	123.3	91.2	59.1	27.0
110°	189.8	191.8	193.8	195.8	197.8	198.8	185.0	157.5	130.0	102.5	75.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	217.2	218.9	220.6	222.3	224.0	224.9	224.1	222.5	220.9	219.3	217.7
115°	246.4	248.0	249.6	251.3	252.9	253.7	254.9	257.3	259.6	262.0	264.4
117.5°	271.6	273.5	275.4	277.3	279.2	280.2	281.0	282.6	284.3	285.9	287.5
120°	299.9	301.3	302.8	304.2	305.7	306.4	307.3	309.0	310.7	312.4	314.1
122.5°	323.9	325.4	327.0	328.5	330.0	330.8	331.7	333.6	335.5	337.4	339.3
125°	348.3	349.5	350.8	352.0	353.3	353.9	354.8	356.6	358.5	360.3	362.1
127.5°	370.6	371.9	373.3	374.6	375.9	376.6	377.3	378.8	380.2	381.7	383.1
130°	391.6	393.1	394.7	396.2	397.7	398.5	399.0	400.1	401.1	402.2	403.2
132.5°	413.0	414.2	415.5	416.7	418.0	418.6	419.1	420.2	421.2	422.3	423.3
135°	431.0	432.5	434.1	435.6	437.1	437.9	438.3	439.2	440.1	440.9	441.8
137.5°	449.9	451.0	452.2	453.3	454.4	455.0	455.5	456.4	457.4	458.3	459.3
140°	468.3	469.1	469.8	470.6	471.3	471.7	472.2	473.3	474.4	475.4	476.5
142.5°	483.7	484.4	485.0	485.7	486.4	486.7	487.3	488.6	489.8	491.1	492.3
145°	500.0	499.9	499.8	499.7	499.6	499.6	500.4	502.0	503.7	505.3	506.9
147.5°	514.2	513.9	513.6	513.3	513.0	512.9	513.7	515.3	517.0	518.6	520.2
150°	527.9	527.2	526.6	525.9	525.2	524.9	525.7	527.2	528.7	530.2	531.7
152.5°	539.4	538.6	537.9	537.1	536.4	536.0	536.7	538.1	539.6	541.0	542.4
155°	550.6	549.7	548.9	548.0	547.1	546.7	547.3	548.4	549.6	550.7	551.9
157.5°	559.6	558.8	558.1	557.3	556.6	556.2	556.6	557.5	558.3	559.2	560.0
160°	567.3	566.7	566.1	565.6	565.0	564.7	565.0	565.6	566.1	566.7	567.3
162.5°	574.1	573.5	573.0	572.4	571.9	571.6	571.8	572.3	572.8	573.2	573.7
165°	580.1	579.5	579.0	578.4	577.9	577.6	577.7	578.0	578.3	578.6	578.9
167.5°	584.9	584.3	583.7	583.2	582.6	582.3	582.4	582.7	583.0	583.3	583.6
170°	588.7	588.1	587.5	587.0	586.4	586.1	586.2	586.4	586.6	586.8	587.0
172.5°	591.3	590.7	590.1	589.6	589.0	588.7	588.8	589.0	589.2	589.4	589.6
175°	593.4	592.7	592.1	591.4	590.7	590.4	590.5	590.7	590.9	591.1	591.3
177.5°	594.3	593.6	593.0	592.3	591.6	591.3	591.3	591.4	591.5	591.6	591.7
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1375.4	1376.4	1378.4	1388.6	1393.7	1394.7	1390.6	1399.8	1402.8	1399.8	1397.7
5°	1440.5	1446.6	1458.8	1472.0	1471.0	1472.0	1478.1	1484.2	1486.2	1478.1	1481.2
7.5°	1497.4	1509.6	1522.9	1543.2	1543.2	1553.4	1557.5	1562.5	1574.7	1568.6	1566.6
10°	1562.5	1578.8	1603.2	1635.8	1636.8	1647.0	1657.1	1673.4	1678.5	1674.4	1676.5
12.5°	1643.9	1675.5	1677.5	1713.1	1729.4	1731.4	1747.7	1744.6	1754.8	1754.8	1772.1
15°	1679.5	1728.4	1755.8	1790.4	1800.6	1788.4	1801.6	1815.8	1816.9	1816.9	1815.8
17.5°	1743.6	1762.9	1790.4	1808.7	1812.8	1812.8	1813.8	1819.9	1815.8	1807.7	1813.8
20°	1756.8	1765.0	1775.2	1773.1	1775.2	1765.0	1754.8	1744.6	1745.7	1740.6	1755.8
22.5°	1732.4	1730.4	1707.0	1691.7	1691.7	1671.4	1652.1	1642.9	1633.8	1636.8	1641.9
25°	1671.4	1639.9	1611.4	1589.0	1583.9	1551.4	1524.9	1516.8	1501.5	1513.7	1515.7
27.5°	1573.7	1538.1	1492.3	1473.0	1446.6	1433.3	1415.0	1390.6	1359.1	1377.4	1374.3
30°	1469.0	1416.1	1378.4	1331.6	1289.9	1286.9	1252.3	1211.6	1195.3	1195.3	1204.5
32.5°	1352.0	1281.8	1226.8	1160.7	1120.0	1102.7	1061.0	1020.3	1029.5	999.0	1010.2
35°	1215.6	1123.1	1053.9	989.8	959.3	938.9	885.0	862.7	838.2	824.0	850.4
37.5°	1085.4	978.6	890.1	819.9	808.7	772.1	735.5	721.3	707.0	713.1	712.1
40°	926.7	832.1	752.8	697.9	678.5	661.2	636.8	619.5	610.4	615.5	616.5
42.5°	783.3	704.0	645.0	606.3	590.0	577.8	565.6	551.4	548.3	548.3	552.4
45°	672.4	607.3	567.6	536.1	527.0	517.8	508.6	502.5	500.5	496.4	499.5
47.5°	583.9	532.0	507.6	484.2	474.1	472.0	463.9	460.8	456.8	455.7	456.8
50°	509.7	477.1	454.7	441.5	434.4	431.3	427.3	421.2	419.1	424.2	422.2
52.5°	457.8	427.3	415.0	401.8	397.8	393.7	387.6	388.6	387.6	385.5	385.5
55°	405.9	386.6	374.4	364.2	363.2	359.1	354.0	352.0	351.0	348.9	352.0
57.5°	364.2	348.9	337.7	328.6	324.5	324.5	319.4	315.4	315.4	314.3	315.4
60°	322.5	307.2	300.1	290.9	287.9	286.9	283.8	281.8	278.7	278.7	278.7
62.5°	283.8	271.6	263.5	255.3	256.4	251.3	247.2	245.2	245.2	246.2	246.2
65°	247.2	239.1	228.9	221.8	219.7	218.7	216.7	215.7	212.6	214.6	214.6
67.5°	213.6	202.4	196.3	193.3	190.2	189.2	187.2	185.1	184.1	183.1	185.1
70°	180.1	170.9	165.8	163.8	160.7	159.7	158.7	155.6	156.7	157.7	158.7
72.5°	149.5	141.4	140.4	134.3	134.3	134.3	130.2	132.2	131.2	129.2	131.2
75°	118.0	113.9	111.9	108.8	109.9	108.8	107.8	104.8	104.8	105.8	106.8
77.5°	93.6	89.5	88.5	85.5	83.4	85.5	83.4	82.4	82.4	83.4	83.4
80°	69.2	67.1	64.1	64.1	64.1	63.1	63.1	63.1	62.1	61.0	62.1
82.5°	45.8	45.8	44.8	43.7	44.8	42.7	43.7	43.7	43.7	43.7	43.7
85°	29.5	28.5	28.5	27.5	27.5	27.5	28.5	26.4	26.4	27.5	27.5
87.5°	13.2	13.2	13.2	14.2	13.2	13.2	13.2	14.2	13.2	13.2	13.2
90°	9.1	9.5	10.0	10.5	10.7	10.8	11.0	11.2	11.4	11.6	11.4
92.5°	10.5	10.7	10.8	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.5
95°	17.2	17.7	18.2	18.7	18.9	18.8	18.7	18.6	18.5	18.4	18.5
97.5°	22.2	22.4	22.7	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.5
100°	25.2	26.0	26.7	27.5	27.9	28.0	28.2	28.3	28.5	28.7	28.5
102.5°	26.3	27.4	28.4	29.5	30.0	30.1	30.4	30.7	31.0	31.3	31.0
105°	27.1	28.2	29.2	30.3	30.8	31.0	31.4	31.8	32.2	32.6	32.2
107.5°	28.0	29.1	30.1	31.2	31.7	31.9	32.3	32.6	33.0	33.4	33.0
110°	65.5	55.9	46.4	36.9	32.1	32.3	32.7	33.0	33.4	33.8	33.4

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	176.7	135.6	94.6	53.5	33.0	33.1	33.4	33.7	34.0	34.3	34.0
115°	220.3	176.2	132.1	88.0	66.0	62.6	55.7	48.8	42.0	35.1	42.0
117.5°	273.9	260.3	246.6	233.0	226.2	213.7	188.8	163.9	138.9	114.0	138.9
120°	315.2	316.4	317.5	318.6	319.2	312.8	299.9	287.1	274.2	261.4	274.2
122.5°	339.9	340.5	341.0	341.6	341.9	341.9	342.0	342.1	342.2	342.3	342.2
125°	362.8	363.4	364.1	364.8	365.1	365.2	365.5	365.8	366.0	366.3	366.0
127.5°	384.0	385.0	385.9	386.8	387.3	387.4	387.5	387.6	387.7	387.8	387.7
130°	404.2	405.3	406.3	407.4	407.9	407.9	407.8	407.7	407.6	407.5	407.6
132.5°	424.2	425.0	425.9	426.8	427.2	427.2	427.1	427.0	426.9	426.8	426.9
135°	442.7	443.7	444.6	445.5	446.0	445.9	445.7	445.6	445.4	445.2	445.4
137.5°	460.3	461.2	462.2	463.1	463.6	463.5	463.2	462.9	462.6	462.3	462.6
140°	477.3	478.2	479.0	479.9	480.3	480.1	479.6	479.1	478.7	478.2	478.7
142.5°	493.1	493.8	494.6	495.3	495.7	495.5	495.0	494.5	494.1	493.6	494.1
145°	507.6	508.2	508.9	509.6	509.9	509.7	509.2	508.7	508.2	507.7	508.2
147.5°	520.7	521.1	521.6	522.1	522.3	522.1	521.7	521.4	521.0	520.6	521.0
150°	532.3	532.9	533.4	534.0	534.3	534.1	533.6	533.1	532.7	532.2	532.7
152.5°	543.0	543.6	544.1	544.7	545.0	544.7	544.0	543.3	542.7	542.0	542.7
155°	552.5	553.0	553.6	554.1	554.4	554.0	553.3	552.5	551.8	551.0	551.8
157.5°	560.7	561.3	562.0	562.7	563.0	562.6	561.9	561.1	560.4	559.6	560.4
160°	567.9	568.5	569.0	569.6	569.9	569.6	568.9	568.2	567.6	566.9	567.6
162.5°	574.4	575.0	575.7	576.4	576.7	576.3	575.4	574.6	573.7	572.9	573.7
165°	579.6	580.2	580.9	581.6	581.9	581.6	580.9	580.2	579.6	578.9	579.6
167.5°	584.3	584.9	585.6	586.3	586.6	586.2	585.3	584.4	583.6	582.7	583.6
170°	587.7	588.3	589.0	589.7	590.0	589.6	588.7	587.8	587.0	586.1	587.0
172.5°	590.3	590.9	591.6	592.3	592.6	592.2	591.3	590.4	589.6	588.7	589.6
175°	592.0	592.6	593.3	594.0	594.3	593.8	592.9	591.9	591.0	590.0	591.0
177.5°	592.4	593.0	593.7	594.4	594.7	594.3	593.4	592.6	591.7	590.9	591.7
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1402.8	1395.7	1389.6	1390.6	1395.7	1391.6	1381.5	1368.2	1363.2	1357.1	1363.2
5°	1487.3	1481.2	1469.0	1470.0	1466.9	1462.8	1446.6	1426.2	1426.2	1409.9	1407.9
7.5°	1570.7	1561.5	1553.4	1551.4	1540.2	1532.0	1517.8	1489.3	1478.1	1458.8	1447.6
10°	1664.3	1657.1	1648.0	1636.8	1630.7	1616.5	1593.1	1551.4	1531.0	1504.6	1485.2
12.5°	1758.9	1757.9	1737.5	1715.1	1714.1	1691.7	1675.5	1619.5	1592.0	1556.4	1510.7
15°	1818.9	1813.8	1802.6	1791.4	1794.5	1770.1	1733.4	1667.3	1649.0	1606.3	1557.5
17.5°	1817.9	1817.9	1814.8	1812.8	1809.7	1802.6	1782.3	1738.5	1709.0	1655.1	1609.3
20°	1759.9	1773.1	1776.2	1775.2	1785.3	1790.4	1789.4	1761.9	1738.5	1690.7	1643.9
22.5°	1643.9	1674.4	1687.7	1695.8	1717.2	1728.4	1754.8	1744.6	1738.5	1702.9	1663.3
25°	1536.1	1546.3	1585.9	1588.0	1617.5	1644.9	1671.4	1688.7	1711.1	1697.8	1664.3
27.5°	1396.7	1420.1	1448.6	1470.0	1476.1	1532.0	1575.8	1608.3	1659.2	1663.3	1652.1
30°	1239.0	1250.2	1297.0	1325.5	1358.1	1398.8	1461.8	1517.8	1563.6	1605.3	1619.5
32.5°	1046.8	1092.6	1120.0	1154.6	1183.1	1255.3	1332.6	1404.9	1457.8	1528.0	1558.5
35°	870.8	906.4	953.2	967.4	1019.3	1080.4	1181.1	1273.6	1354.0	1425.2	1487.3
37.5°	725.3	753.8	803.7	826.0	856.5	934.9	1019.3	1134.3	1230.9	1318.4	1395.7
40°	625.6	647.0	684.6	691.7	717.2	788.4	856.5	964.4	1092.6	1210.6	1295.0
42.5°	557.5	567.6	593.1	602.2	618.5	666.3	727.4	829.1	948.1	1070.2	1189.2
45°	508.6	515.8	531.0	539.2	559.5	580.9	630.7	712.1	805.7	928.8	1057.0
47.5°	464.9	474.1	480.2	485.2	496.4	519.8	552.4	612.4	701.9	814.8	938.9
50°	428.3	431.3	442.5	443.5	450.7	465.9	496.4	533.1	604.3	695.8	815.9
52.5°	391.7	394.7	401.8	408.9	412.0	424.2	444.6	475.1	528.0	600.2	707.0
55°	355.0	359.1	366.2	371.3	374.4	384.5	396.7	426.2	467.9	518.8	606.3
57.5°	318.4	327.6	329.6	332.7	337.7	348.9	360.1	377.4	410.0	456.8	520.8
60°	283.8	286.9	294.0	297.0	302.1	308.2	322.5	335.7	359.1	395.7	453.7
62.5°	248.2	255.3	258.4	261.4	265.5	272.6	281.8	296.0	316.4	345.9	391.7
65°	217.7	218.7	224.8	228.9	233.0	238.0	247.2	260.4	272.6	300.1	333.7
67.5°	188.2	190.2	192.3	196.3	201.4	206.5	214.6	221.8	237.0	255.3	281.8
70°	159.7	159.7	164.8	167.9	166.8	172.9	179.0	187.2	198.4	215.7	237.0
72.5°	134.3	133.3	137.3	138.3	140.4	144.5	148.5	156.7	162.8	176.0	192.3
75°	106.8	108.8	110.9	110.9	113.9	117.0	121.1	125.1	132.2	140.4	152.6
77.5°	84.4	84.4	86.5	87.5	90.5	89.5	93.6	97.7	102.7	109.9	119.0
80°	62.1	64.1	64.1	64.1	65.1	66.1	70.2	73.2	76.3	81.4	85.5
82.5°	43.7	43.7	45.8	45.8	45.8	47.8	47.8	48.8	50.9	53.9	57.0
85°	27.5	27.5	27.5	28.5	27.5	28.5	30.5	29.5	30.5	32.6	32.6
87.5°	13.2	13.2	13.2	13.2	13.2	14.2	13.2	14.2	15.3	15.3	15.3
90°	11.2	11.0	10.8	10.7	10.5	10.0	9.5	9.1	8.6	7.8	7.0
92.5°	11.4	11.3	11.2	11.1	11.0	10.8	10.7	10.5	10.3	10.0	9.7
95°	18.6	18.7	18.8	18.9	18.7	18.2	17.7	17.2	16.7	16.0	15.4
97.5°	23.4	23.3	23.2	23.1	23.0	22.7	22.4	22.2	21.9	20.4	18.8
100°	28.3	28.2	28.0	27.9	27.5	26.7	26.0	25.2	24.4	22.8	21.2
102.5°	30.7	30.4	30.1	30.0	29.5	28.4	27.4	26.3	25.3	42.6	60.0
105°	31.8	31.4	31.0	30.8	30.3	29.2	28.2	27.1	26.1	52.1	78.1
107.5°	32.6	32.3	31.9	31.7	31.2	30.1	29.1	28.0	27.0	59.1	91.2
110°	33.0	32.7	32.3	32.1	36.9	46.4	55.9	65.5	75.0	102.5	130.0

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	33.7	33.4	33.1	33.0	53.5	94.6	135.6	176.7	217.7	219.3	220.9
115°	48.8	55.7	62.6	66.0	88.0	132.1	176.2	220.3	264.4	262.0	259.6
117.5°	163.9	188.8	213.7	226.2	233.0	246.6	260.3	273.9	287.5	285.9	284.3
120°	287.1	299.9	312.8	319.2	318.6	317.5	316.4	315.2	314.1	312.4	310.7
122.5°	342.1	342.0	341.9	341.9	341.6	341.0	340.5	339.9	339.3	337.4	335.5
125°	365.8	365.5	365.2	365.1	364.8	364.1	363.4	362.8	362.1	360.3	358.5
127.5°	387.6	387.5	387.4	387.3	386.8	385.9	385.0	384.0	383.1	381.7	380.2
130°	407.7	407.8	407.9	407.9	407.4	406.3	405.3	404.2	403.2	402.2	401.1
132.5°	427.0	427.1	427.2	427.2	426.8	425.9	425.0	424.2	423.3	422.3	421.2
135°	445.6	445.7	445.9	446.0	445.5	444.6	443.7	442.7	441.8	440.9	440.1
137.5°	462.9	463.2	463.5	463.6	463.1	462.2	461.2	460.3	459.3	458.3	457.4
140°	479.1	479.6	480.1	480.3	479.9	479.0	478.2	477.3	476.5	475.4	474.4
142.5°	494.5	495.0	495.5	495.7	495.3	494.6	493.8	493.1	492.3	491.1	489.8
145°	508.7	509.2	509.7	509.9	509.6	508.9	508.2	507.6	506.9	505.3	503.7
147.5°	521.4	521.7	522.1	522.3	522.1	521.6	521.1	520.7	520.2	518.6	517.0
150°	533.1	533.6	534.1	534.3	534.0	533.4	532.9	532.3	531.7	530.2	528.7
152.5°	543.3	544.0	544.7	545.0	544.7	544.1	543.6	543.0	542.4	541.0	539.6
155°	552.5	553.3	554.0	554.4	554.1	553.6	553.0	552.5	551.9	550.7	549.6
157.5°	561.1	561.9	562.6	563.0	562.7	562.0	561.3	560.7	560.0	559.2	558.3
160°	568.2	568.9	569.6	569.9	569.6	569.0	568.5	567.9	567.3	566.7	566.1
162.5°	574.6	575.4	576.3	576.7	576.4	575.7	575.0	574.4	573.7	573.2	572.8
165°	580.2	580.9	581.6	581.9	581.6	580.9	580.2	579.6	578.9	578.6	578.3
167.5°	584.4	585.3	586.2	586.6	586.3	585.6	584.9	584.3	583.6	583.3	583.0
170°	587.8	588.7	589.6	590.0	589.7	589.0	588.3	587.7	587.0	586.8	586.6
172.5°	590.4	591.3	592.2	592.6	592.3	591.6	590.9	590.3	589.6	589.4	589.2
175°	591.9	592.9	593.8	594.3	594.0	593.3	592.6	592.0	591.3	591.1	590.9
177.5°	592.6	593.4	594.3	594.7	594.4	593.7	593.0	592.4	591.7	591.6	591.5
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1358.1	1353.0	1349.9	1352.0	1345.9	1330.6	1330.6	1335.7	1329.6	1323.5	1314.3
5°	1395.7	1385.5	1379.4	1378.4	1364.2	1339.8	1334.7	1329.6	1316.4	1302.1	1286.9
7.5°	1432.3	1414.0	1403.8	1396.7	1376.4	1344.8	1331.6	1320.4	1299.1	1277.7	1258.4
10°	1462.8	1436.4	1424.2	1413.0	1386.6	1346.9	1325.5	1305.2	1277.7	1250.2	1225.8
12.5°	1487.3	1456.7	1441.5	1425.2	1392.7	1340.8	1314.3	1281.8	1254.3	1217.7	1193.3
15°	1528.0	1464.9	1450.6	1435.4	1401.8	1330.6	1298.0	1261.4	1223.8	1175.0	1148.5
17.5°	1560.5	1476.1	1475.1	1442.5	1398.8	1326.5	1276.7	1228.9	1188.2	1139.4	1097.6
20°	1579.8	1493.4	1477.1	1443.5	1388.6	1299.1	1247.2	1194.3	1150.5	1091.5	1049.8
22.5°	1596.1	1517.8	1475.1	1434.4	1367.2	1289.9	1213.6	1163.8	1103.7	1039.7	1000.0
25°	1602.2	1522.9	1478.1	1431.3	1352.0	1263.5	1177.0	1123.1	1055.9	998.0	944.0
27.5°	1603.2	1521.8	1466.9	1418.1	1330.6	1228.9	1140.4	1083.4	1009.1	942.0	888.1
30°	1593.1	1510.7	1460.8	1407.9	1310.3	1197.3	1095.6	1032.5	953.2	886.1	830.1
32.5°	1562.5	1488.3	1447.6	1389.6	1283.8	1153.6	1052.9	982.7	899.3	833.2	779.2
35°	1511.7	1460.8	1416.1	1362.1	1249.2	1112.9	1010.2	927.8	843.3	780.3	729.4
37.5°	1448.6	1421.1	1379.4	1326.5	1209.5	1076.3	962.3	870.8	786.4	725.3	675.5
40°	1363.2	1370.3	1329.6	1281.8	1162.7	1026.4	900.3	812.8	733.5	676.5	627.7
42.5°	1270.6	1300.1	1276.7	1230.9	1110.9	971.5	854.5	757.9	680.6	621.6	580.9
45°	1170.9	1221.8	1207.5	1173.9	1057.0	913.5	789.4	695.8	627.7	570.7	535.1
47.5°	1062.0	1134.3	1134.3	1109.9	996.9	855.5	733.5	637.8	570.7	530.0	495.4
50°	951.2	1032.5	1045.8	1029.5	929.8	789.4	665.3	578.8	520.8	481.2	455.7
52.5°	835.2	929.8	954.2	946.1	858.6	726.3	609.4	524.9	472.0	437.4	415.0
55°	724.3	834.2	860.6	863.7	782.3	657.2	547.3	473.0	422.2	398.8	379.4
57.5°	619.5	725.3	754.8	759.9	705.0	594.1	489.3	424.2	378.4	359.1	343.8
60°	530.0	618.5	657.2	668.4	620.5	520.8	435.4	372.3	337.7	319.4	305.2
62.5°	456.8	528.0	568.7	571.7	550.3	456.8	379.4	326.5	297.0	280.8	273.6
65°	385.5	449.6	474.1	486.3	469.0	395.7	327.6	283.8	260.4	246.2	239.1
67.5°	328.6	369.3	389.6	405.9	388.6	333.7	278.7	243.1	225.8	211.6	207.5
70°	269.6	303.1	318.4	334.7	319.4	277.7	238.0	205.5	190.2	179.0	174.0
72.5°	215.7	242.1	256.4	266.5	257.4	222.8	190.2	167.9	156.7	148.5	145.5
75°	170.9	189.2	197.4	204.5	200.4	174.0	153.6	135.3	125.1	118.0	116.0
77.5°	130.2	143.4	152.6	154.6	149.5	132.2	115.0	103.8	95.6	91.6	89.5
80°	92.6	100.7	105.8	108.8	103.8	96.6	84.4	76.3	69.2	64.1	63.1
82.5°	62.1	66.1	70.2	69.2	67.1	61.0	53.9	49.8	46.8	42.7	42.7
85°	35.6	36.6	38.7	39.7	38.7	34.6	30.5	28.5	26.4	23.4	23.4
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.2	11.2	11.2	10.2	9.2
90°	6.3	5.5	5.1	4.6	3.5	2.5	1.4	0.4	1.4	2.5	3.5
92.5°	9.4	9.1	9.0	9.2	9.6	9.9	10.3	10.7	10.3	9.9	9.6
95°	14.7	14.0	13.7	15.3	18.4	21.6	24.7	27.9	24.7	21.6	18.4
97.5°	17.3	15.8	15.0	18.9	26.7	34.5	42.3	50.1	42.3	34.5	26.7
100°	19.5	17.9	17.1	23.6	36.7	49.7	62.8	75.8	62.8	49.7	36.7
102.5°	77.3	94.6	103.3	103.4	103.6	103.7	103.9	104.1	103.9	103.7	103.6
105°	104.1	130.1	143.1	141.7	138.8	136.0	133.1	130.3	133.1	136.0	138.8
107.5°	123.3	155.4	171.4	170.2	167.8	165.5	163.1	160.7	163.1	165.5	167.8
110°	157.5	185.0	198.8	197.8	195.8	193.8	191.8	189.8	191.8	193.8	195.8

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	222.5	224.1	224.9	224.0	222.3	220.6	218.9	217.2	218.9	220.6	222.3
115°	257.3	254.9	253.7	252.9	251.3	249.6	248.0	246.4	248.0	249.6	251.3
117.5°	282.6	281.0	280.2	279.2	277.3	275.4	273.5	271.6	273.5	275.4	277.3
120°	309.0	307.3	306.4	305.7	304.2	302.8	301.3	299.9	301.3	302.8	304.2
122.5°	333.6	331.7	330.8	330.0	328.5	327.0	325.4	323.9	325.4	327.0	328.5
125°	356.6	354.8	353.9	353.3	352.0	350.8	349.5	348.3	349.5	350.8	352.0
127.5°	378.8	377.3	376.6	375.9	374.6	373.3	371.9	370.6	371.9	373.3	374.6
130°	400.1	399.0	398.5	397.7	396.2	394.7	393.1	391.6	393.1	394.7	396.2
132.5°	420.2	419.1	418.6	418.0	416.7	415.5	414.2	413.0	414.2	415.5	416.7
135°	439.2	438.3	437.9	437.1	435.6	434.1	432.5	431.0	432.5	434.1	435.6
137.5°	456.4	455.5	455.0	454.4	453.3	452.2	451.0	449.9	451.0	452.2	453.3
140°	473.3	472.2	471.7	471.3	470.6	469.8	469.1	468.3	469.1	469.8	470.6
142.5°	488.6	487.3	486.7	486.4	485.7	485.0	484.4	483.7	484.4	485.0	485.7
145°	502.0	500.4	499.6	499.6	499.7	499.8	499.9	500.0	499.9	499.8	499.7
147.5°	515.3	513.7	512.9	513.0	513.3	513.6	513.9	514.2	513.9	513.6	513.3
150°	527.2	525.7	524.9	525.2	525.9	526.6	527.2	527.9	527.2	526.6	525.9
152.5°	538.1	536.7	536.0	536.4	537.1	537.9	538.6	539.4	538.6	537.9	537.1
155°	548.4	547.3	546.7	547.1	548.0	548.9	549.7	550.6	549.7	548.9	548.0
157.5°	557.5	556.6	556.2	556.6	557.3	558.1	558.8	559.6	558.8	558.1	557.3
160°	565.6	565.0	564.7	565.0	565.6	566.1	566.7	567.3	566.7	566.1	565.6
162.5°	572.3	571.8	571.6	571.9	572.4	573.0	573.5	574.1	573.5	573.0	572.4
165°	578.0	577.7	577.6	577.9	578.4	579.0	579.5	580.1	579.5	579.0	578.4
167.5°	582.7	582.4	582.3	582.6	583.2	583.7	584.3	584.9	584.3	583.7	583.2
170°	586.4	586.2	586.1	586.4	587.0	587.5	588.1	588.7	588.1	587.5	587.0
172.5°	589.0	588.8	588.7	589.0	589.6	590.1	590.7	591.3	590.7	590.1	589.6
175°	590.7	590.5	590.4	590.7	591.4	592.1	592.7	593.4	592.7	592.1	591.4
177.5°	591.4	591.3	591.3	591.6	592.3	593.0	593.6	594.3	593.6	593.0	592.3
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1309.2	1314.3	1313.3	1303.1	1291.9	1282.8	1265.5	1267.5	1261.4	1262.4	1268.5
5°	1276.7	1276.7	1272.6	1258.4	1240.1	1229.9	1210.6	1205.5	1193.3	1192.3	1191.2
7.5°	1242.1	1237.0	1231.9	1211.6	1189.2	1172.9	1146.5	1140.4	1128.2	1120.0	1116.0
10°	1201.4	1194.3	1184.1	1160.7	1133.2	1112.9	1085.4	1077.3	1053.9	1043.7	1037.6
12.5°	1156.6	1152.6	1136.3	1117.0	1072.2	1049.8	1010.2	1018.3	994.9	974.6	971.5
15°	1111.9	1096.6	1087.5	1055.9	1002.0	991.8	960.3	944.0	922.7	906.4	906.4
17.5°	1068.1	1044.7	1024.4	990.8	951.2	922.7	899.3	891.1	864.7	848.4	845.4
20°	1010.2	983.7	978.6	930.8	903.3	871.8	849.4	829.1	809.8	802.6	797.5
22.5°	955.2	924.7	916.6	875.9	848.4	816.9	794.5	780.3	766.0	760.9	751.8
25°	896.2	877.9	865.7	822.0	791.4	761.9	746.7	736.5	723.3	722.3	716.2
27.5°	839.3	822.0	809.8	768.0	745.7	718.2	706.0	694.8	687.7	684.6	681.6
30°	790.4	771.1	756.9	726.3	698.9	676.5	666.3	659.2	655.1	650.0	649.0
32.5°	736.5	725.3	706.0	682.6	661.2	639.9	633.8	628.7	622.6	620.5	619.5
35°	690.7	675.5	663.3	636.8	627.7	609.4	602.2	598.2	590.0	588.0	586.0
37.5°	646.0	631.7	618.5	602.2	584.9	574.8	570.7	564.6	560.5	561.5	559.5
40°	601.2	590.0	579.8	562.6	552.4	547.3	539.2	533.1	531.0	532.0	531.0
42.5°	557.5	547.3	541.2	528.0	517.8	512.7	507.6	501.5	504.6	504.6	507.6
45°	517.8	508.6	504.6	494.4	488.3	480.2	475.1	474.1	478.1	477.1	477.1
47.5°	477.1	474.1	469.0	459.8	451.7	446.6	445.6	445.6	449.6	451.7	450.7
50°	445.6	439.5	433.4	426.2	420.1	418.1	415.0	417.1	421.2	421.2	423.2
52.5°	405.9	401.8	399.8	393.7	389.6	389.6	389.6	390.6	393.7	396.7	395.7
55°	371.3	368.3	366.2	363.2	358.1	359.1	358.1	360.1	363.2	366.2	368.3
57.5°	334.7	333.7	331.6	326.5	326.5	325.5	328.6	329.6	334.7	336.7	339.8
60°	302.1	299.1	299.1	295.0	295.0	295.0	298.1	301.1	305.2	306.2	308.2
62.5°	267.5	267.5	266.5	263.5	263.5	266.5	267.5	271.6	273.6	273.6	276.7
65°	235.0	234.0	233.0	234.0	235.0	235.0	238.0	240.1	242.1	243.1	244.1
67.5°	202.4	201.4	203.5	202.4	204.5	208.5	207.5	210.6	213.6	213.6	214.6
70°	171.9	174.0	172.9	175.0	174.0	176.0	179.0	180.1	180.1	181.1	184.1
72.5°	143.4	143.4	143.4	142.4	143.4	145.5	147.5	148.5	150.6	151.6	154.6
75°	116.0	116.0	113.9	116.0	116.0	118.0	120.0	120.0	120.0	122.1	125.1
77.5°	87.5	88.5	87.5	89.5	89.5	90.5	92.6	91.6	93.6	94.6	95.6
80°	64.1	63.1	63.1	63.1	64.1	64.1	66.1	67.1	67.1	70.2	68.2
82.5°	40.7	41.7	40.7	41.7	41.7	42.7	41.7	42.7	43.7	45.8	44.8
85°	23.4	22.4	22.4	23.4	22.4	22.4	23.4	22.4	23.4	22.4	23.4
87.5°	9.2	8.1	8.1	8.1	8.1	7.1	7.1	6.1	6.1	6.1	5.1
90°	4.6	5.1	5.5	6.3	7.0	7.8	8.6	9.1	9.5	10.0	10.5
92.5°	9.2	9.0	9.1	9.4	9.7	10.0	10.3	10.5	10.7	10.8	11.0
95°	15.3	13.7	14.0	14.7	15.4	16.0	16.7	17.2	17.7	18.2	18.7
97.5°	18.9	15.0	15.8	17.3	18.8	20.4	21.9	22.2	22.4	22.7	23.0
100°	23.6	17.1	17.9	19.5	21.2	22.8	24.4	25.2	26.0	26.7	27.5
102.5°	103.4	103.3	94.6	77.3	60.0	42.6	25.3	26.3	27.4	28.4	29.5
105°	141.7	143.1	130.1	104.1	78.1	52.1	26.1	27.1	28.2	29.2	30.3
107.5°	170.2	171.4	155.4	123.3	91.2	59.1	27.0	28.0	29.1	30.1	31.2
110°	197.8	198.8	185.0	157.5	130.0	102.5	75.0	65.5	55.9	46.4	36.9

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	224.0	224.9	224.1	222.5	220.9	219.3	217.7	176.7	135.6	94.6	53.5
115°	252.9	253.7	254.9	257.3	259.6	262.0	264.4	220.3	176.2	132.1	88.0
117.5°	279.2	280.2	281.0	282.6	284.3	285.9	287.5	273.9	260.3	246.6	233.0
120°	305.7	306.4	307.3	309.0	310.7	312.4	314.1	315.2	316.4	317.5	318.6
122.5°	330.0	330.8	331.7	333.6	335.5	337.4	339.3	339.9	340.5	341.0	341.6
125°	353.3	353.9	354.8	356.6	358.5	360.3	362.1	362.8	363.4	364.1	364.8
127.5°	375.9	376.6	377.3	378.8	380.2	381.7	383.1	384.0	385.0	385.9	386.8
130°	397.7	398.5	399.0	400.1	401.1	402.2	403.2	404.2	405.3	406.3	407.4
132.5°	418.0	418.6	419.1	420.2	421.2	422.3	423.3	424.2	425.0	425.9	426.8
135°	437.1	437.9	438.3	439.2	440.1	440.9	441.8	442.7	443.7	444.6	445.5
137.5°	454.4	455.0	455.5	456.4	457.4	458.3	459.3	460.3	461.2	462.2	463.1
140°	471.3	471.7	472.2	473.3	474.4	475.4	476.5	477.3	478.2	479.0	479.9
142.5°	486.4	486.7	487.3	488.6	489.8	491.1	492.3	493.1	493.8	494.6	495.3
145°	499.6	499.6	500.4	502.0	503.7	505.3	506.9	507.6	508.2	508.9	509.6
147.5°	513.0	512.9	513.7	515.3	517.0	518.6	520.2	520.7	521.1	521.6	522.1
150°	525.2	524.9	525.7	527.2	528.7	530.2	531.7	532.3	532.9	533.4	534.0
152.5°	536.4	536.0	536.7	538.1	539.6	541.0	542.4	543.0	543.6	544.1	544.7
155°	547.1	546.7	547.3	548.4	549.6	550.7	551.9	552.5	553.0	553.6	554.1
157.5°	556.6	556.2	556.6	557.5	558.3	559.2	560.0	560.7	561.3	562.0	562.7
160°	565.0	564.7	565.0	565.6	566.1	566.7	567.3	567.9	568.5	569.0	569.6
162.5°	571.9	571.6	571.8	572.3	572.8	573.2	573.7	574.4	575.0	575.7	576.4
165°	577.9	577.6	577.7	578.0	578.3	578.6	578.9	579.6	580.2	580.9	581.6
167.5°	582.6	582.3	582.4	582.7	583.0	583.3	583.6	584.3	584.9	585.6	586.3
170°	586.4	586.1	586.2	586.4	586.6	586.8	587.0	587.7	588.3	589.0	589.7
172.5°	589.0	588.7	588.8	589.0	589.2	589.4	589.6	590.3	590.9	591.6	592.3
175°	590.7	590.4	590.5	590.7	590.9	591.1	591.3	592.0	592.6	593.3	594.0
177.5°	591.6	591.3	591.3	591.4	591.5	591.6	591.7	592.4	593.0	593.7	594.4
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1261.4	1264.5	1257.4	1255.3	1257.4	1250.2	1252.3	1254.3	1254.3	1257.4	1259.4
5°	1188.2	1184.1	1177.0	1175.0	1172.9	1176.0	1173.9	1177.0	1178.0	1185.1	1186.1
7.5°	1116.0	1109.9	1103.7	1097.6	1095.6	1090.5	1095.6	1095.6	1102.7	1100.7	1105.8
10°	1030.5	1029.5	1021.3	1018.3	1014.2	1006.1	1017.3	1014.2	1019.3	1028.5	1030.5
12.5°	967.4	956.2	961.3	947.1	952.2	944.0	945.1	945.1	953.2	954.2	952.2
15°	907.4	898.3	885.0	878.9	875.9	871.8	885.0	886.1	879.9	894.2	889.1
17.5°	846.4	846.4	834.2	831.1	823.0	827.0	825.0	826.0	824.0	834.2	839.3
20°	793.5	788.4	784.3	785.3	775.2	773.1	771.1	773.1	780.3	787.4	789.4
22.5°	750.8	747.7	737.5	739.6	731.4	734.5	732.4	737.5	738.5	738.5	745.7
25°	710.1	706.0	707.0	702.9	699.9	699.9	696.8	699.9	704.0	706.0	707.0
27.5°	679.5	676.5	671.4	668.4	670.4	665.3	669.4	672.4	672.4	670.4	672.4
30°	642.9	645.0	645.0	634.8	638.9	636.8	639.9	641.9	641.9	642.9	640.9
32.5°	618.5	612.4	611.4	610.4	610.4	606.3	606.3	609.4	610.4	611.4	614.4
35°	586.0	586.0	580.9	583.9	579.8	580.9	579.8	580.9	582.9	579.8	582.9
37.5°	556.5	557.5	555.4	557.5	558.5	556.5	554.4	558.5	556.5	556.5	554.4
40°	531.0	530.0	531.0	531.0	531.0	532.0	530.0	530.0	530.0	528.0	525.9
42.5°	509.7	503.6	505.6	506.6	503.6	503.6	504.6	503.6	506.6	500.5	500.5
45°	479.1	477.1	478.1	478.1	480.2	477.1	479.1	480.2	477.1	476.1	474.1
47.5°	451.7	453.7	451.7	453.7	453.7	455.7	451.7	452.7	453.7	449.6	446.6
50°	424.2	424.2	427.3	426.2	427.3	425.2	425.2	424.2	425.2	423.2	420.1
52.5°	398.8	395.7	400.8	399.8	398.8	397.8	396.7	397.8	395.7	393.7	393.7
55°	367.2	367.2	370.3	371.3	371.3	369.3	367.2	368.3	367.2	366.2	365.2
57.5°	341.8	337.7	339.8	340.8	340.8	337.7	339.8	337.7	337.7	338.8	335.7
60°	309.3	309.3	307.2	310.3	310.3	308.2	308.2	309.3	307.2	306.2	305.2
62.5°	274.7	275.7	278.7	279.8	280.8	278.7	276.7	277.7	277.7	274.7	275.7
65°	245.2	247.2	251.3	250.3	248.2	249.2	247.2	248.2	245.2	246.2	243.1
67.5°	216.7	215.7	216.7	216.7	218.7	217.7	215.7	215.7	214.6	217.7	214.6
70°	186.2	186.2	186.2	186.2	187.2	188.2	186.2	184.1	185.1	183.1	182.1
72.5°	154.6	155.6	154.6	156.7	153.6	155.6	155.6	154.6	153.6	153.6	153.6
75°	125.1	127.2	124.1	125.1	124.1	126.1	125.1	125.1	123.1	122.1	123.1
77.5°	95.6	96.6	94.6	95.6	94.6	95.6	95.6	94.6	94.6	94.6	94.6
80°	68.2	69.2	68.2	67.1	66.1	68.2	66.1	67.1	68.2	67.1	69.2
82.5°	43.7	43.7	42.7	43.7	41.7	41.7	42.7	42.7	41.7	43.7	41.7
85°	21.4	21.4	23.4	21.4	20.3	20.3	20.3	21.4	20.3	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	10.7	10.8	11.0	11.2	11.4	11.6	11.4	11.2	11.0	10.8	10.7
92.5°	11.1	11.2	11.3	11.4	11.5	11.6	11.5	11.4	11.3	11.2	11.1
95°	18.9	18.8	18.7	18.6	18.5	18.4	18.5	18.6	18.7	18.8	18.9
97.5°	23.1	23.2	23.3	23.4	23.5	23.6	23.5	23.4	23.3	23.2	23.1
100°	27.9	28.0	28.2	28.3	28.5	28.7	28.5	28.3	28.2	28.0	27.9
102.5°	30.0	30.1	30.4	30.7	31.0	31.3	31.0	30.7	30.4	30.1	30.0
105°	30.8	31.0	31.4	31.8	32.2	32.6	32.2	31.8	31.4	31.0	30.8
107.5°	31.7	31.9	32.3	32.6	33.0	33.4	33.0	32.6	32.3	31.9	31.7
110°	32.1	32.3	32.7	33.0	33.4	33.8	33.4	33.0	32.7	32.3	32.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	33.0	33.1	33.4	33.7	34.0	34.3	34.0	33.7	33.4	33.1	33.0
115°	66.0	62.6	55.7	48.8	42.0	35.1	42.0	48.8	55.7	62.6	66.0
117.5°	226.2	213.7	188.8	163.9	138.9	114.0	138.9	163.9	188.8	213.7	226.2
120°	319.2	312.8	299.9	287.1	274.2	261.4	274.2	287.1	299.9	312.8	319.2
122.5°	341.9	341.9	342.0	342.1	342.2	342.3	342.2	342.1	342.0	341.9	341.9
125°	365.1	365.2	365.5	365.8	366.0	366.3	366.0	365.8	365.5	365.2	365.1
127.5°	387.3	387.4	387.5	387.6	387.7	387.8	387.7	387.6	387.5	387.4	387.3
130°	407.9	407.9	407.8	407.7	407.6	407.5	407.6	407.7	407.8	407.9	407.9
132.5°	427.2	427.2	427.1	427.0	426.9	426.8	426.9	427.0	427.1	427.2	427.2
135°	446.0	445.9	445.7	445.6	445.4	445.2	445.4	445.6	445.7	445.9	446.0
137.5°	463.6	463.5	463.2	462.9	462.6	462.3	462.6	462.9	463.2	463.5	463.6
140°	480.3	480.1	479.6	479.1	478.7	478.2	478.7	479.1	479.6	480.1	480.3
142.5°	495.7	495.5	495.0	494.5	494.1	493.6	494.1	494.5	495.0	495.5	495.7
145°	509.9	509.7	509.2	508.7	508.2	507.7	508.2	508.7	509.2	509.7	509.9
147.5°	522.3	522.1	521.7	521.4	521.0	520.6	521.0	521.4	521.7	522.1	522.3
150°	534.3	534.1	533.6	533.1	532.7	532.2	532.7	533.1	533.6	534.1	534.3
152.5°	545.0	544.7	544.0	543.3	542.7	542.0	542.7	543.3	544.0	544.7	545.0
155°	554.4	554.0	553.3	552.5	551.8	551.0	551.8	552.5	553.3	554.0	554.4
157.5°	563.0	562.6	561.9	561.1	560.4	559.6	560.4	561.1	561.9	562.6	563.0
160°	569.9	569.6	568.9	568.2	567.6	566.9	567.6	568.2	568.9	569.6	569.9
162.5°	576.7	576.3	575.4	574.6	573.7	572.9	573.7	574.6	575.4	576.3	576.7
165°	581.9	581.6	580.9	580.2	579.6	578.9	579.6	580.2	580.9	581.6	581.9
167.5°	586.6	586.2	585.3	584.4	583.6	582.7	583.6	584.4	585.3	586.2	586.6
170°	590.0	589.6	588.7	587.8	587.0	586.1	587.0	587.8	588.7	589.6	590.0
172.5°	592.6	592.2	591.3	590.4	589.6	588.7	589.6	590.4	591.3	592.2	592.6
175°	594.3	593.8	592.9	591.9	591.0	590.0	591.0	591.9	592.9	593.8	594.3
177.5°	594.7	594.3	593.4	592.6	591.7	590.9	591.7	592.6	593.4	594.3	594.7
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1256.3	1264.5	1261.4	1250.2	1263.5	1263.5	1272.6	1272.6	1283.8	1287.9	1294.0
5°	1185.1	1191.2	1196.3	1191.2	1200.4	1214.6	1222.8	1229.9	1245.1	1251.3	1260.4
7.5°	1108.8	1120.0	1125.1	1125.1	1140.4	1156.6	1172.9	1183.1	1204.5	1212.6	1221.8
10°	1034.6	1047.8	1058.0	1057.0	1082.4	1092.6	1112.9	1136.3	1157.7	1169.9	1183.1
12.5°	956.2	963.4	977.6	998.0	1004.1	1022.4	1045.8	1075.3	1113.9	1125.1	1144.4
15°	891.1	910.5	921.7	930.8	945.1	962.3	987.8	1016.3	1054.9	1079.3	1099.7
17.5°	836.2	861.6	868.8	866.7	885.0	911.5	941.0	962.3	996.9	1026.4	1045.8
20°	791.4	801.6	813.8	818.9	833.2	861.6	890.1	914.5	943.0	966.4	988.8
22.5°	746.7	754.8	765.0	774.1	785.3	801.6	829.1	859.6	887.1	909.4	934.9
25°	710.1	715.1	724.3	731.4	743.6	754.8	774.1	807.7	840.3	853.5	875.9
27.5°	674.5	678.5	684.6	692.8	698.9	710.1	727.4	754.8	788.4	801.6	832.1
30°	642.9	646.0	652.1	656.1	659.2	672.4	685.6	707.0	732.4	750.8	773.1
32.5°	613.4	616.5	622.6	623.6	627.7	634.8	647.0	666.3	688.7	704.0	723.3
35°	580.9	582.9	589.0	591.0	594.1	600.2	609.4	623.6	643.9	655.1	672.4
37.5°	555.4	554.4	558.5	561.5	565.6	568.7	571.7	586.0	601.2	611.4	624.6
40°	528.0	525.9	527.0	531.0	533.1	537.1	537.1	551.4	561.5	569.7	579.8
42.5°	500.5	499.5	497.4	499.5	501.5	502.5	503.6	513.7	523.9	531.0	542.2
45°	473.0	472.0	470.0	471.0	471.0	473.0	476.1	480.2	487.3	493.4	499.5
47.5°	447.6	445.6	442.5	441.5	443.5	443.5	443.5	447.6	454.7	456.8	462.9
50°	421.2	418.1	414.0	412.0	412.0	411.0	413.0	414.0	420.1	422.2	427.3
52.5°	392.7	390.6	386.6	382.5	383.5	381.5	382.5	383.5	385.5	388.6	391.7
55°	364.2	360.1	357.1	356.0	353.0	353.0	349.9	354.0	353.0	354.0	358.1
57.5°	336.7	332.7	327.6	325.5	322.5	321.5	319.4	318.4	319.4	322.5	325.5
60°	304.2	302.1	299.1	296.0	294.0	290.9	288.9	288.9	287.9	287.9	288.9
62.5°	272.6	271.6	267.5	266.5	264.5	262.5	259.4	257.4	257.4	259.4	260.4
65°	242.1	241.1	238.0	237.0	231.9	229.9	228.9	227.9	225.8	225.8	225.8
67.5°	213.6	210.6	210.6	205.5	201.4	199.4	197.4	196.3	196.3	196.3	197.4
70°	182.1	182.1	179.0	176.0	171.9	172.9	169.9	166.8	166.8	164.8	165.8
72.5°	151.6	150.6	147.5	146.5	143.4	140.4	138.3	140.4	137.3	136.3	137.3
75°	122.1	121.1	119.0	117.0	118.0	115.0	111.9	110.9	110.9	108.8	108.8
77.5°	93.6	95.6	91.6	90.5	88.5	86.5	85.5	84.4	84.4	84.4	86.5
80°	65.1	66.1	66.1	64.1	65.1	62.1	62.1	62.1	59.0	60.0	61.0
82.5°	41.7	41.7	40.7	41.7	40.7	40.7	39.7	39.7	38.7	38.7	39.7
85°	23.4	22.4	21.4	23.4	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.1	8.1	8.1
90°	10.5	10.0	9.5	9.1	8.6	7.8	7.0	6.3	5.5	5.1	4.6
92.5°	11.0	10.8	10.7	10.5	10.3	10.0	9.7	9.4	9.1	9.0	9.2
95°	18.7	18.2	17.7	17.2	16.7	16.0	15.4	14.7	14.0	13.7	15.3
97.5°	23.0	22.7	22.4	22.2	21.9	20.4	18.8	17.3	15.8	15.0	18.9
100°	27.5	26.7	26.0	25.2	24.4	22.8	21.2	19.5	17.9	17.1	23.6
102.5°	29.5	28.4	27.4	26.3	25.3	42.6	60.0	77.3	94.6	103.3	103.4
105°	30.3	29.2	28.2	27.1	26.1	52.1	78.1	104.1	130.1	143.1	141.7
107.5°	31.2	30.1	29.1	28.0	27.0	59.1	91.2	123.3	155.4	171.4	170.2
110°	36.9	46.4	55.9	65.5	75.0	102.5	130.0	157.5	185.0	198.8	197.8

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CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	53.5	94.6	135.6	176.7	217.7	219.3	220.9	222.5	224.1	224.9	224.0
115°	88.0	132.1	176.2	220.3	264.4	262.0	259.6	257.3	254.9	253.7	252.9
117.5°	233.0	246.6	260.3	273.9	287.5	285.9	284.3	282.6	281.0	280.2	279.2
120°	318.6	317.5	316.4	315.2	314.1	312.4	310.7	309.0	307.3	306.4	305.7
122.5°	341.6	341.0	340.5	339.9	339.3	337.4	335.5	333.6	331.7	330.8	330.0
125°	364.8	364.1	363.4	362.8	362.1	360.3	358.5	356.6	354.8	353.9	353.3
127.5°	386.8	385.9	385.0	384.0	383.1	381.7	380.2	378.8	377.3	376.6	375.9
130°	407.4	406.3	405.3	404.2	403.2	402.2	401.1	400.1	399.0	398.5	397.7
132.5°	426.8	425.9	425.0	424.2	423.3	422.3	421.2	420.2	419.1	418.6	418.0
135°	445.5	444.6	443.7	442.7	441.8	440.9	440.1	439.2	438.3	437.9	437.1
137.5°	463.1	462.2	461.2	460.3	459.3	458.3	457.4	456.4	455.5	455.0	454.4
140°	479.9	479.0	478.2	477.3	476.5	475.4	474.4	473.3	472.2	471.7	471.3
142.5°	495.3	494.6	493.8	493.1	492.3	491.1	489.8	488.6	487.3	486.7	486.4
145°	509.6	508.9	508.2	507.6	506.9	505.3	503.7	502.0	500.4	499.6	499.6
147.5°	522.1	521.6	521.1	520.7	520.2	518.6	517.0	515.3	513.7	512.9	513.0
150°	534.0	533.4	532.9	532.3	531.7	530.2	528.7	527.2	525.7	524.9	525.2
152.5°	544.7	544.1	543.6	543.0	542.4	541.0	539.6	538.1	536.7	536.0	536.4
155°	554.1	553.6	553.0	552.5	551.9	550.7	549.6	548.4	547.3	546.7	547.1
157.5°	562.7	562.0	561.3	560.7	560.0	559.2	558.3	557.5	556.6	556.2	556.6
160°	569.6	569.0	568.5	567.9	567.3	566.7	566.1	565.6	565.0	564.7	565.0
162.5°	576.4	575.7	575.0	574.4	573.7	573.2	572.8	572.3	571.8	571.6	571.9
165°	581.6	580.9	580.2	579.6	578.9	578.6	578.3	578.0	577.7	577.6	577.9
167.5°	586.3	585.6	584.9	584.3	583.6	583.3	583.0	582.7	582.4	582.3	582.6
170°	589.7	589.0	588.3	587.7	587.0	586.8	586.6	586.4	586.2	586.1	586.4
172.5°	592.3	591.6	590.9	590.3	589.6	589.4	589.2	589.0	588.8	588.7	589.0
175°	594.0	593.3	592.6	592.0	591.3	591.1	590.9	590.7	590.5	590.4	590.7
177.5°	594.4	593.7	593.0	592.4	591.7	591.6	591.5	591.4	591.3	591.3	591.6
180°	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1	592.1

TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1323.5	1323.5	1323.5	1323.5
2.5°	1299.1	1299.1	1314.3	1330.6
5°	1270.6	1277.7	1302.1	1324.5
7.5°	1243.1	1255.3	1285.8	1314.3
10°	1209.5	1225.8	1263.5	1297.0
12.5°	1177.0	1192.3	1236.0	1273.6
15°	1131.2	1150.5	1197.3	1244.1
17.5°	1085.4	1104.8	1161.7	1216.7
20°	1031.5	1057.0	1121.0	1194.3
22.5°	981.7	1013.2	1084.4	1143.4
25°	926.7	975.6	1041.7	1118.0
27.5°	877.9	926.7	993.9	1071.2
30°	823.0	872.8	942.0	1013.2
32.5°	770.1	815.9	883.0	970.5
35°	715.1	758.9	824.0	912.5
37.5°	665.3	708.0	779.2	860.6
40°	616.5	661.2	722.3	803.7
42.5°	570.7	610.4	665.3	746.7
45°	529.0	557.5	608.3	684.6
47.5°	485.2	510.7	557.5	633.8
50°	444.6	465.9	506.6	577.8
52.5°	404.9	423.2	460.8	517.8
55°	369.3	386.6	414.0	470.0
57.5°	332.7	345.9	372.3	417.1
60°	297.0	309.3	330.6	367.2
62.5°	261.4	271.6	292.0	321.5
65°	229.9	238.0	253.3	278.7
67.5°	199.4	204.5	216.7	237.0
70°	169.9	174.0	184.1	200.4
72.5°	138.3	142.4	153.6	164.8
75°	111.9	112.9	121.1	130.2
77.5°	87.5	86.5	92.6	99.7
80°	60.0	63.1	68.2	71.2
82.5°	40.7	41.7	43.7	45.8
85°	22.4	23.4	23.4	26.4
87.5°	9.2	10.2	10.2	11.2
90°	3.5	2.5	1.4	0.4
92.5°	9.6	9.9	10.3	10.7
95°	18.4	21.6	24.7	27.9
97.5°	26.7	34.5	42.3	50.1
100°	36.7	49.7	62.8	75.8
102.5°	103.6	103.7	103.9	104.1
105°	138.8	136.0	133.1	130.3
107.5°	167.8	165.5	163.1	160.7
110°	195.8	193.8	191.8	189.8



TEST NUMBER: P1029660

CATALOG NUMBER: S122DIW-B675D435UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	222.3	220.6	218.9	217.2
115°	251.3	249.6	248.0	246.4
117.5°	277.3	275.4	273.5	271.6
120°	304.2	302.8	301.3	299.9
122.5°	328.5	327.0	325.4	323.9
125°	352.0	350.8	349.5	348.3
127.5°	374.6	373.3	371.9	370.6
130°	396.2	394.7	393.1	391.6
132.5°	416.7	415.5	414.2	413.0
135°	435.6	434.1	432.5	431.0
137.5°	453.3	452.2	451.0	449.9
140°	470.6	469.8	469.1	468.3
142.5°	485.7	485.0	484.4	483.7
145°	499.7	499.8	499.9	500.0
147.5°	513.3	513.6	513.9	514.2
150°	525.9	526.6	527.2	527.9
152.5°	537.1	537.9	538.6	539.4
155°	548.0	548.9	549.7	550.6
157.5°	557.3	558.1	558.8	559.6
160°	565.6	566.1	566.7	567.3
162.5°	572.4	573.0	573.5	574.1
165°	578.4	579.0	579.5	580.1
167.5°	583.2	583.7	584.3	584.9
170°	587.0	587.5	588.1	588.7
172.5°	589.6	590.1	590.7	591.3
175°	591.4	592.1	592.7	593.4
177.5°	592.3	593.0	593.6	594.3
180°	592.1	592.1	592.1	592.1

(END OF REPORT)