

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: P1031245

Luminaire Tested: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031245
REPORT IS A COMBINATION OF REPORTS P994739 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K
Description: Define 3 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

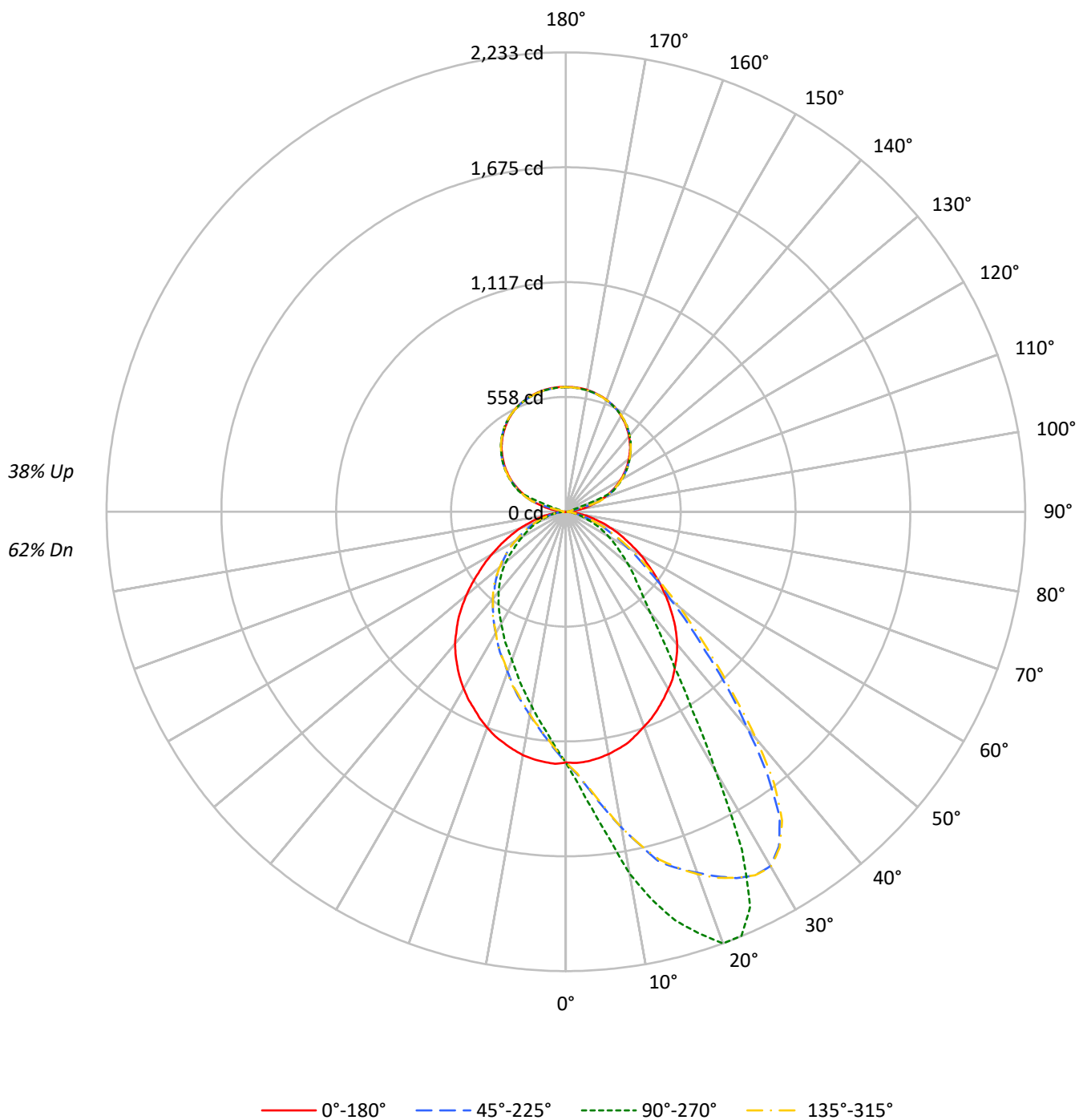
Lumens per Lamp: N/A
Luminaire Lumens: 4884.0 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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	78	78	78	67	67	67	67	67	67
1	101	97	93	90	95	91	88	85	80	78	76	70	68	67	61	59	58	58	58	54
2	93	86	80	75	87	81	75	71	71	67	64	62	59	57	54	52	50	50	46	46
3	85	76	69	63	80	72	65	60	63	59	55	56	52	49	49	46	44	44	40	40
4	78	68	60	54	73	64	57	52	57	51	47	50	46	43	44	41	38	38	35	35
5	72	61	53	47	68	58	50	45	51	46	41	45	41	37	40	37	34	34	31	31
6	67	55	47	41	62	52	45	40	46	41	36	41	37	33	37	33	30	30	27	27
7	62	50	42	36	58	47	40	35	42	37	32	38	33	30	34	30	27	27	25	25
8	58	45	38	33	54	43	36	31	39	33	29	35	30	27	31	27	24	24	22	22
9	54	42	34	29	51	40	33	28	36	30	26	32	27	24	29	25	22	22	20	20
10	50	38	31	26	47	37	30	26	33	28	24	30	25	22	27	23	20	20	18	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13119	13119	13119	13119
5°	13130	15110	13163	11210
10°	13014	18240	13070	9791
15°	12879	20701	12879	8634
20°	12616	22330	12686	7659
25°	12422	21214	12398	6988
30°	12197	14699	12171	6333
35°	11926	9438	11873	5838
40°	11589	6664	11533	5346
45°	11003	5333	10988	4868
50°	10284	4461	10249	4307
55°	9473	3676	9397	3652
60°	8677	3039	8592	3106
65°	7745	2432	7796	2632
70°	6885	1690	7068	2128
75°	5835	1253	6075	1637
80°	4647	831	5044	1227
85°	3304	392	3612	762

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 17515 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.7	2.5
10°-20°	374.7	7.7
20°-30°	590.1	12.1
30°-40°	613.6	12.6
40°-50°	525.0	10.7
50°-60°	400.3	8.2
60°-70°	256.4	5.3
70°-80°	122.9	2.5
80°-90°	33.5	0.7
90°-100°	21.4	0.4
100°-110°	103.3	2.1
110°-120°	253.2	5.2
120°-130°	321.5	6.6
130°-140°	343.4	7.0
140°-150°	321.1	6.6
150°-160°	259.0	5.3
160°-170°	167.2	3.4
170°-180°	57.6	1.2
0°-30°	1084.5	22.2
0°-40°	1698.2	34.8
0°-60°	2623.4	53.7
0°-90°	3036.2	62.2
90°-120°	378.0	7.7
90°-150°	1364.0	27.9
90°-180°	1848.0	37.8
0°-180°	4884.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1219	1219	1219	1219	1219	
5°	1218	1447	1221	1074	1218	116
15°	1164	2057	1164	858	1164	327
25°	1058	2119	1056	698	1058	487
35°	924	919	919	569	924	578
45°	741	490	740	448	741	570
55°	523	308	519	306	523	468
65°	320	177	322	192	320	320
75°	153	75	160	98	153	166
85°	34	18	38	34	34	38
90°	0	14	0	14	0	3
95°	28	17	28	17	28	33
105°	134	20	134	20	134	142
115°	252	265	252	265	252	249
125°	355	362	355	362	355	317
135°	442	446	442	446	442	340
145°	510	515	510	515	510	319
155°	562	561	562	561	562	259
165°	592	591	592	591	592	167
175°	606	604	606	604	606	58
180°	606	606	606	606	606	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1222.0	1230.3	1236.6	1240.8	1251.2	1257.5	1262.7	1272.1	1272.1	1274.2	1278.3
5°	1217.8	1235.5	1248.1	1264.8	1286.7	1297.1	1311.7	1324.2	1342.0	1351.4	1360.8
7.5°	1208.4	1233.5	1259.5	1284.6	1316.9	1337.8	1352.4	1384.8	1407.7	1435.9	1457.8
10°	1195.9	1230.3	1263.7	1302.3	1346.2	1377.5	1399.4	1442.2	1486.0	1525.6	1559.0
12.5°	1180.2	1222.0	1270.0	1316.9	1378.5	1409.8	1445.3	1498.5	1561.1	1611.2	1656.1
15°	1163.5	1211.5	1265.8	1323.2	1400.4	1444.3	1495.4	1560.1	1630.0	1702.0	1763.6
17.5°	1137.5	1198.0	1258.5	1342.0	1432.8	1458.9	1502.7	1591.4	1678.0	1742.7	1817.8
20°	1111.4	1179.2	1255.4	1330.5	1428.6	1489.1	1529.8	1623.7	1716.6	1794.9	1866.9
22.5°	1087.4	1158.3	1237.6	1332.6	1424.4	1484.9	1536.1	1634.2	1741.7	1829.3	1918.0
25°	1058.1	1135.4	1223.0	1312.8	1424.4	1470.3	1526.7	1640.4	1754.2	1855.4	1965.0
27.5°	1026.8	1105.1	1191.7	1283.5	1385.8	1453.6	1509.0	1631.0	1769.8	1878.4	1991.1
30°	995.5	1075.9	1159.4	1241.8	1356.6	1421.3	1484.9	1619.6	1778.2	1902.4	1989.0
32.5°	965.3	1033.1	1115.5	1195.9	1309.6	1380.6	1452.6	1608.1	1781.3	1885.7	1927.4
35°	923.5	994.5	1061.3	1146.8	1261.6	1331.6	1416.1	1607.0	1767.7	1832.4	1811.6
37.5°	884.9	944.4	1008.1	1084.2	1202.2	1292.9	1380.6	1579.9	1722.9	1727.0	1609.1
40°	842.1	891.2	944.4	1024.8	1152.1	1241.8	1336.8	1538.2	1641.5	1579.9	1372.2
42.5°	793.1	836.9	878.7	956.9	1095.7	1195.9	1298.2	1486.0	1523.6	1381.6	1165.6
45°	740.9	776.4	815.0	897.4	1036.2	1135.4	1237.6	1405.6	1367.0	1166.7	961.1
47.5°	686.6	716.9	754.5	829.6	972.6	1073.8	1170.8	1290.9	1192.8	977.8	805.6
50°	632.4	656.4	692.9	770.1	907.9	999.7	1089.5	1167.7	1030.0	839.0	665.8
52.5°	579.2	597.9	635.5	701.3	834.8	922.5	987.2	1017.4	877.6	692.9	578.1
55°	522.8	543.7	568.7	635.5	768.0	832.7	875.5	874.5	730.5	587.5	477.9
57.5°	468.5	487.3	509.2	576.0	683.5	727.3	763.9	746.1	609.4	481.1	410.1
60°	420.5	431.0	455.0	511.3	592.7	630.3	651.2	620.9	497.8	405.9	339.1
62.5°	368.4	378.8	398.6	451.9	501.9	521.8	539.5	500.9	411.2	330.8	290.1
65°	320.4	333.9	346.5	389.2	416.4	440.4	438.3	405.9	321.4	269.2	235.8
67.5°	278.6	283.8	294.3	320.4	332.9	350.6	351.7	315.1	258.8	219.1	199.3
70°	233.8	239.0	246.3	258.8	267.1	271.3	269.2	236.9	195.1	171.1	153.4
72.5°	195.1	194.1	199.3	199.3	207.7	206.6	200.4	175.3	148.2	128.4	117.9
75°	153.4	154.4	155.5	153.4	150.3	146.1	140.9	122.1	104.4	95.0	85.6
77.5°	120.0	117.9	119.0	111.7	107.5	103.3	96.0	86.6	72.0	69.9	65.7
80°	85.6	84.5	83.5	80.4	71.0	66.8	61.6	56.4	53.2	51.1	50.1
82.5°	57.4	57.4	55.3	49.0	43.8	40.7	39.7	37.6	34.4	34.4	33.4
85°	34.4	33.4	31.3	25.0	21.9	21.9	21.9	21.9	19.8	19.8	18.8
87.5°	13.6	12.5	9.4	9.4	8.3	8.3	8.3	7.3	7.3	6.3	6.3
90°	0.5	1.5	2.5	3.5	4.5	5.0	5.6	6.9	8.2	9.5	10.8
92.5°	10.4	9.8	9.2	8.6	8.0	7.7	8.1	9.0	9.9	10.8	11.7
95°	27.5	23.4	19.3	15.2	11.1	9.0	9.6	10.7	11.8	12.9	14.0
97.5°	50.0	47.2	44.4	41.6	38.8	37.4	34.8	29.7	24.6	19.5	14.4
100°	76.1	78.1	80.1	82.1	84.1	85.1	77.3	61.7	46.1	30.5	14.9
102.5°	105.8	107.1	108.4	109.7	111.0	111.7	103.0	85.6	68.1	50.7	33.3
105°	134.2	135.3	136.4	137.5	138.6	139.1	134.6	125.6	116.6	107.6	98.6
107.5°	164.4	165.3	166.2	167.1	168.0	168.4	169.2	170.7	172.2	173.7	175.2
110°	194.5	195.3	196.1	196.9	197.7	198.1	198.7	199.8	200.9	202.0	203.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	223.4	224.1	224.8	225.5	226.2	226.5	227.1	228.2	229.3	230.4	231.5
115°	251.7	252.3	252.9	253.5	254.1	254.4	254.9	255.8	256.7	257.6	258.5
117.5°	279.6	280.3	281.0	281.7	282.4	282.8	283.0	283.5	284.0	284.5	285.0
120°	305.3	306.2	307.1	308.0	308.9	309.4	309.5	309.8	310.1	310.4	310.7
122.5°	331.4	332.1	332.8	333.5	334.2	334.6	334.8	335.2	335.6	336.0	336.4
125°	354.8	355.6	356.4	357.2	358.0	358.4	358.6	359.0	359.4	359.8	360.2
127.5°	378.3	379.1	379.9	380.7	381.5	381.9	382.1	382.6	383.1	383.6	384.1
130°	399.9	400.7	401.5	402.3	403.1	403.5	403.7	404.1	404.5	404.9	405.3
132.5°	420.6	421.4	422.2	423.0	423.8	424.2	424.3	424.6	424.9	425.2	425.5
135°	441.8	442.4	443.0	443.6	444.2	444.5	444.7	445.1	445.5	445.9	446.3
137.5°	459.8	460.6	461.4	462.2	463.0	463.4	463.5	463.7	463.9	464.1	464.3
140°	477.8	478.4	479.0	479.6	480.2	480.5	480.6	480.9	481.2	481.5	481.8
142.5°	494.4	495.0	495.6	496.2	496.8	497.1	497.3	497.6	497.9	498.2	498.5
145°	509.7	510.4	511.1	511.8	512.5	512.9	513.0	513.2	513.4	513.6	513.8
147.5°	524.6	525.1	525.6	526.1	526.6	526.9	527.0	527.2	527.4	527.6	527.8
150°	538.1	538.4	538.7	539.0	539.3	539.5	539.6	539.8	540.0	540.2	540.4
152.5°	550.3	550.4	550.5	550.6	550.7	550.7	550.8	550.9	551.0	551.1	551.2
155°	561.5	561.3	561.1	560.9	560.7	560.6	560.7	560.8	560.9	561.0	561.1
157.5°	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.4	570.3	570.2	570.1
160°	578.6	578.5	578.4	578.3	578.2	578.2	578.1	578.0	577.9	577.8	577.7
162.5°	586.3	586.0	585.7	585.4	585.1	584.9	584.9	584.8	584.7	584.6	584.5
165°	592.2	591.9	591.6	591.3	591.0	590.8	590.8	590.7	590.6	590.5	590.4
167.5°	597.1	596.7	596.3	595.9	595.5	595.3	595.3	595.3	595.3	595.3	595.3
170°	601.2	600.8	600.4	600.0	599.6	599.4	599.4	599.4	599.4	599.4	599.4
172.5°	603.9	603.4	602.9	602.4	601.9	601.6	601.7	601.8	601.9	602.0	602.1
175°	606.1	605.6	605.1	604.6	604.1	603.9	603.9	604.0	604.1	604.2	604.3
177.5°	607.0	606.5	606.0	605.5	605.0	604.8	604.8	604.9	605.0	605.1	605.2
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1286.7	1286.7	1296.1	1305.5	1300.2	1303.4	1314.9	1310.7	1319.0	1318.0	1321.1
5°	1383.7	1395.2	1404.6	1424.4	1427.6	1424.4	1444.3	1449.5	1458.9	1447.4	1452.6
7.5°	1493.3	1517.3	1540.3	1569.5	1578.9	1581.0	1591.4	1606.0	1618.5	1595.6	1607.0
10°	1599.7	1636.3	1683.2	1709.3	1732.3	1740.6	1749.0	1758.4	1773.0	1786.5	1776.1
12.5°	1714.5	1767.7	1812.6	1859.6	1887.8	1884.6	1908.6	1914.9	1926.4	1929.5	1933.7
15°	1808.4	1883.6	1911.8	1981.7	1987.9	2008.8	2035.9	2059.9	2063.1	2056.8	2056.8
17.5°	1898.2	1962.9	2013.0	2069.3	2080.8	2098.5	2133.0	2144.5	2148.6	2147.6	2147.6
20°	1971.2	2014.0	2098.5	2145.5	2164.3	2187.2	2211.2	2225.9	2229.0	2233.2	2226.9
22.5°	2019.2	2083.9	2152.8	2191.4	2207.1	2215.4	2231.1	2235.3	2230.0	2231.1	2232.1
25°	2056.8	2120.5	2162.2	2172.6	2171.6	2161.2	2149.7	2129.9	2127.8	2119.4	2102.7
27.5°	2067.2	2091.2	2086.0	2043.2	2000.5	1996.3	1927.4	1889.8	1847.1	1853.3	1829.3
30°	2010.9	1979.6	1905.5	1797.0	1752.1	1679.0	1601.8	1521.5	1490.2	1455.7	1519.4
32.5°	1873.1	1761.5	1630.0	1489.1	1414.0	1349.3	1266.9	1208.4	1175.0	1146.8	1201.1
35°	1665.5	1491.2	1316.9	1183.4	1121.8	1063.4	986.1	956.9	915.2	919.4	924.6
37.5°	1398.3	1206.3	1074.8	943.4	902.7	878.7	822.3	777.4	762.8	758.6	758.6
40°	1147.9	990.3	873.4	770.1	738.8	719.0	674.1	653.3	637.6	633.4	638.6
42.5°	949.6	815.0	724.2	655.3	633.4	608.4	589.6	563.5	560.4	553.1	562.5
45°	797.3	680.4	612.6	562.5	543.7	534.3	513.4	497.8	491.5	490.5	497.8
47.5°	676.2	585.4	525.9	494.6	480.0	470.6	452.9	446.6	440.4	442.5	439.3
50°	567.7	499.9	461.2	433.1	423.7	414.3	402.8	396.5	393.4	393.4	392.4
52.5°	487.3	431.0	405.9	379.8	375.7	370.5	357.9	353.8	348.5	347.5	351.7
55°	417.4	378.8	353.8	338.1	333.9	323.5	318.3	313.1	309.9	307.8	308.9
57.5°	356.9	327.7	311.0	297.4	290.1	285.9	276.5	275.5	273.4	273.4	272.4
60°	306.8	285.9	266.1	257.8	252.5	247.3	246.3	240.0	236.9	239.0	237.9
62.5°	259.8	243.1	231.7	222.3	219.1	215.0	211.8	209.8	206.6	207.7	207.7
65°	217.1	203.5	195.1	186.8	185.7	181.6	180.5	178.4	178.4	177.4	179.5
67.5°	178.4	169.1	161.7	156.5	153.4	154.4	150.3	147.1	147.1	146.1	149.2
70°	141.9	136.7	129.4	123.1	119.0	119.0	113.7	112.7	112.7	112.7	111.7
72.5°	109.6	100.2	97.0	95.0	95.0	95.0	92.9	92.9	91.8	92.9	91.8
75°	81.4	80.4	78.3	77.2	77.2	76.2	75.1	75.1	75.1	75.1	75.1
77.5°	63.7	63.7	61.6	60.5	60.5	60.5	59.5	59.5	58.4	58.4	58.4
80°	47.0	47.0	44.9	44.9	44.9	43.8	43.8	43.8	44.9	43.8	43.8
82.5°	32.3	32.3	31.3	32.3	31.3	30.3	30.3	30.3	29.2	30.3	30.3
85°	18.8	18.8	17.7	16.7	17.7	17.7	16.7	17.7	16.7	17.7	16.7
87.5°	7.3	6.3	6.3	6.3	5.2	6.3	5.2	5.2	6.3	5.2	6.3
90°	11.2	11.6	12.0	12.4	12.6	12.7	12.9	13.1	13.3	13.5	13.3
92.5°	12.4	13.1	13.8	14.5	14.9	14.9	15.0	15.1	15.2	15.3	15.2
95°	14.7	15.4	16.1	16.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1
97.5°	15.2	16.0	16.8	17.6	18.0	18.1	18.2	18.3	18.4	18.5	18.4
100°	15.7	16.5	17.3	18.1	18.5	18.5	18.6	18.7	18.8	18.9	18.8
102.5°	30.0	26.7	23.4	20.1	18.5	18.6	18.8	19.0	19.2	19.4	19.2
105°	80.9	63.2	45.5	27.8	18.9	19.0	19.2	19.4	19.6	19.8	19.6
107.5°	159.8	144.4	128.9	113.5	105.8	99.2	86.1	73.0	59.9	46.8	59.9
110°	199.8	196.5	193.2	189.9	188.2	181.0	166.7	152.4	138.1	123.8	138.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	232.4	233.3	234.2	235.1	235.5	235.4	235.2	235.0	234.8	234.6	234.8
115°	259.5	260.5	261.5	262.5	263.0	263.2	263.6	264.0	264.4	264.8	264.4
117.5°	285.8	286.6	287.4	288.2	288.6	288.7	288.8	288.9	289.0	289.1	289.0
120°	311.5	312.3	313.1	313.9	314.3	314.3	314.3	314.3	314.3	314.3	314.3
122.5°	336.9	337.4	337.9	338.4	338.6	338.7	338.8	338.9	339.0	339.1	339.0
125°	360.4	360.6	360.8	361.0	361.1	361.2	361.4	361.6	361.8	362.0	361.8
127.5°	384.4	384.7	385.0	385.3	385.5	385.4	385.2	385.0	384.8	384.6	384.8
130°	405.7	406.1	406.5	406.9	407.1	407.0	406.8	406.6	406.4	406.2	406.4
132.5°	425.9	426.3	426.7	427.1	427.3	427.2	426.9	426.6	426.3	426.0	426.3
135°	446.6	446.9	447.2	447.5	447.6	447.5	447.2	446.9	446.6	446.3	446.6
137.5°	464.8	465.3	465.8	466.3	466.5	466.4	466.2	466.0	465.8	465.6	465.8
140°	482.2	482.6	483.0	483.4	483.6	483.5	483.3	483.1	482.9	482.7	482.9
142.5°	498.8	499.1	499.4	499.7	499.8	499.7	499.4	499.1	498.8	498.5	498.8
145°	514.0	514.2	514.4	514.6	514.7	514.7	514.7	514.7	514.7	514.7	514.7
147.5°	528.0	528.2	528.4	528.6	528.7	528.4	527.9	527.4	526.9	526.4	526.9
150°	540.6	540.8	541.0	541.2	541.3	541.1	540.8	540.5	540.2	539.9	540.2
152.5°	551.6	552.0	552.4	552.8	553.0	552.7	552.2	551.7	551.2	550.7	551.2
155°	561.6	562.1	562.6	563.1	563.3	563.0	562.4	561.8	561.2	560.6	561.2
157.5°	570.7	571.3	571.9	572.5	572.8	572.4	571.6	570.8	570.0	569.2	570.0
160°	578.3	578.9	579.5	580.1	580.4	580.1	579.4	578.7	578.0	577.3	578.0
162.5°	585.2	585.9	586.6	587.3	587.7	587.4	586.8	586.1	585.5	584.9	585.5
165°	591.2	592.0	592.8	593.6	594.0	593.6	592.9	592.2	591.5	590.8	591.5
167.5°	596.1	596.9	597.7	598.5	598.9	598.5	597.7	596.9	596.1	595.3	596.1
170°	600.2	601.0	601.8	602.6	603.0	602.6	601.8	601.0	600.2	599.4	600.2
172.5°	602.9	603.7	604.5	605.3	605.7	605.2	604.3	603.4	602.5	601.6	602.5
175°	605.0	605.7	606.4	607.1	607.5	607.1	606.3	605.5	604.7	603.9	604.7
177.5°	606.0	606.8	607.6	608.4	608.8	608.3	607.3	606.3	605.3	604.3	605.3
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1315.9	1309.6	1305.5	1302.3	1299.2	1308.6	1296.1	1282.5	1273.1	1266.9	1264.8
5°	1453.6	1440.1	1428.6	1419.2	1421.3	1421.3	1399.4	1375.4	1354.5	1343.0	1330.5
7.5°	1613.3	1598.7	1575.7	1570.5	1566.3	1540.3	1518.3	1474.5	1448.4	1422.3	1399.4
10°	1771.9	1753.1	1731.2	1723.9	1713.5	1681.1	1647.7	1591.4	1559.0	1511.0	1480.8
12.5°	1920.1	1897.1	1875.2	1870.0	1854.4	1826.2	1768.8	1710.4	1655.0	1603.9	1550.7
15°	2044.3	2038.0	2004.6	1983.8	1949.3	1910.7	1898.2	1818.9	1749.0	1695.7	1599.7
17.5°	2148.6	2119.4	2088.1	2074.5	2061.0	2016.1	1971.2	1889.8	1814.7	1736.4	1674.9
20°	2232.1	2199.8	2177.9	2158.0	2151.8	2100.6	2029.7	1957.7	1875.2	1787.6	1707.2
22.5°	2236.3	2232.1	2217.5	2206.0	2193.5	2160.1	2103.8	2014.0	1926.4	1830.4	1725.0
25°	2149.7	2143.4	2185.2	2174.7	2183.1	2170.6	2140.3	2065.2	1962.9	1850.2	1743.7
27.5°	1888.8	1952.5	2018.2	2041.2	2056.8	2101.7	2116.3	2074.5	1992.1	1872.1	1753.1
30°	1534.0	1618.5	1725.0	1782.4	1826.2	1909.7	2018.2	2031.8	1993.2	1897.1	1751.1
32.5°	1204.2	1281.5	1367.0	1434.9	1493.3	1664.4	1810.5	1915.9	1934.7	1884.6	1756.3
35°	970.5	1003.9	1085.3	1150.0	1229.3	1375.4	1547.6	1717.7	1832.4	1838.7	1740.6
37.5°	800.4	818.1	889.1	925.6	972.6	1100.9	1261.6	1483.9	1662.4	1746.9	1696.8
40°	662.6	703.3	744.0	764.9	798.3	887.0	1041.4	1215.7	1436.9	1593.5	1629.0
42.5°	575.0	592.7	618.8	648.0	668.9	746.1	849.4	1009.1	1208.4	1426.5	1524.6
45°	507.2	513.4	540.6	559.3	581.2	635.5	708.6	842.1	1017.4	1232.4	1399.4
47.5°	450.8	463.3	477.9	489.4	504.0	545.8	608.4	705.4	859.9	1051.9	1231.4
50°	400.7	408.0	426.8	432.0	442.5	471.7	519.7	593.8	721.1	874.5	1060.2
52.5°	353.8	367.3	374.6	381.9	391.3	415.3	446.6	507.2	603.2	747.2	904.7
55°	317.2	321.4	331.8	338.1	345.4	362.1	389.2	434.1	509.2	624.0	773.3
57.5°	281.8	281.8	292.2	297.4	304.7	317.2	341.2	375.7	429.9	515.5	652.2
60°	244.2	245.2	253.6	259.8	261.9	274.4	294.3	321.4	363.2	425.8	537.4
62.5°	210.8	216.0	220.2	222.3	229.6	236.9	253.6	272.4	301.6	356.9	436.2
65°	182.6	183.7	186.8	188.9	192.0	200.4	212.9	225.4	250.4	291.1	355.8
67.5°	150.3	154.4	158.6	158.6	161.7	165.9	178.4	188.9	207.7	231.7	275.5
70°	112.7	114.8	121.1	124.2	128.4	135.7	141.9	148.2	162.8	180.5	213.9
72.5°	93.9	93.9	96.0	97.0	97.0	102.3	111.7	117.9	125.2	137.7	160.7
75°	75.1	75.1	78.3	77.2	79.3	81.4	82.4	86.6	90.8	100.2	113.7
77.5°	59.5	60.5	60.5	61.6	61.6	62.6	63.7	65.7	67.8	73.0	79.3
80°	43.8	44.9	44.9	45.9	45.9	47.0	48.0	49.0	51.1	53.2	56.4
82.5°	30.3	31.3	31.3	32.3	31.3	32.3	33.4	33.4	34.4	36.5	37.6
85°	17.7	17.7	18.8	17.7	17.7	17.7	18.8	18.8	19.8	23.0	23.0
87.5°	5.2	6.3	5.2	6.3	6.3	6.3	6.3	7.3	7.3	8.3	9.4
90°	13.1	12.9	12.7	12.6	12.4	12.0	11.6	11.2	10.8	9.5	8.2
92.5°	15.1	15.0	14.9	14.9	14.5	13.8	13.1	12.4	11.7	10.8	9.9
95°	17.1	17.1	17.1	17.1	16.8	16.1	15.4	14.7	14.0	12.9	11.8
97.5°	18.3	18.2	18.1	18.0	17.6	16.8	16.0	15.2	14.4	19.5	24.6
100°	18.7	18.6	18.5	18.5	18.1	17.3	16.5	15.7	14.9	30.5	46.1
102.5°	19.0	18.8	18.6	18.5	20.1	23.4	26.7	30.0	33.3	50.7	68.1
105°	19.4	19.2	19.0	18.9	27.8	45.5	63.2	80.9	98.6	107.6	116.6
107.5°	73.0	86.1	99.2	105.8	113.5	128.9	144.4	159.8	175.2	173.7	172.2
110°	152.4	166.7	181.0	188.2	189.9	193.2	196.5	199.8	203.1	202.0	200.9

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CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	235.0	235.2	235.4	235.5	235.1	234.2	233.3	232.4	231.5	230.4	229.3
115°	264.0	263.6	263.2	263.0	262.5	261.5	260.5	259.5	258.5	257.6	256.7
117.5°	288.9	288.8	288.7	288.6	288.2	287.4	286.6	285.8	285.0	284.5	284.0
120°	314.3	314.3	314.3	314.3	313.9	313.1	312.3	311.5	310.7	310.4	310.1
122.5°	338.9	338.8	338.7	338.6	338.4	337.9	337.4	336.9	336.4	336.0	335.6
125°	361.6	361.4	361.2	361.1	361.0	360.8	360.6	360.4	360.2	359.8	359.4
127.5°	385.0	385.2	385.4	385.5	385.3	385.0	384.7	384.4	384.1	383.6	383.1
130°	406.6	406.8	407.0	407.1	406.9	406.5	406.1	405.7	405.3	404.9	404.5
132.5°	426.6	426.9	427.2	427.3	427.1	426.7	426.3	425.9	425.5	425.2	424.9
135°	446.9	447.2	447.5	447.6	447.5	447.2	446.9	446.6	446.3	445.9	445.5
137.5°	466.0	466.2	466.4	466.5	466.3	465.8	465.3	464.8	464.3	464.1	463.9
140°	483.1	483.3	483.5	483.6	483.4	483.0	482.6	482.2	481.8	481.5	481.2
142.5°	499.1	499.4	499.7	499.8	499.7	499.4	499.1	498.8	498.5	498.2	497.9
145°	514.7	514.7	514.7	514.7	514.6	514.4	514.2	514.0	513.8	513.6	513.4
147.5°	527.4	527.9	528.4	528.7	528.6	528.4	528.2	528.0	527.8	527.6	527.4
150°	540.5	540.8	541.1	541.3	541.2	541.0	540.8	540.6	540.4	540.2	540.0
152.5°	551.7	552.2	552.7	553.0	552.8	552.4	552.0	551.6	551.2	551.1	551.0
155°	561.8	562.4	563.0	563.3	563.1	562.6	562.1	561.6	561.1	561.0	560.9
157.5°	570.8	571.6	572.4	572.8	572.5	571.9	571.3	570.7	570.1	570.2	570.3
160°	578.7	579.4	580.1	580.4	580.1	579.5	578.9	578.3	577.7	577.8	577.9
162.5°	586.1	586.8	587.4	587.7	587.3	586.6	585.9	585.2	584.5	584.6	584.7
165°	592.2	592.9	593.6	594.0	593.6	592.8	592.0	591.2	590.4	590.5	590.6
167.5°	596.9	597.7	598.5	598.9	598.5	597.7	596.9	596.1	595.3	595.3	595.3
170°	601.0	601.8	602.6	603.0	602.6	601.8	601.0	600.2	599.4	599.4	599.4
172.5°	603.4	604.3	605.2	605.7	605.3	604.5	603.7	602.9	602.1	602.0	601.9
175°	605.5	606.3	607.1	607.5	607.1	606.4	605.7	605.0	604.3	604.2	604.1
177.5°	606.3	607.3	608.3	608.8	608.4	607.6	606.8	606.0	605.2	605.1	605.0
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1261.6	1256.4	1251.2	1251.2	1239.7	1229.3	1224.1	1226.2	1219.9	1211.5	1203.2
5°	1316.9	1296.1	1291.9	1280.4	1264.8	1242.8	1231.4	1220.9	1208.4	1191.7	1176.1
7.5°	1368.1	1340.9	1326.3	1314.9	1284.6	1254.3	1229.3	1212.6	1190.7	1165.6	1146.8
10°	1434.9	1384.8	1369.1	1343.0	1300.2	1257.5	1228.2	1201.1	1170.8	1141.6	1116.6
12.5°	1488.1	1430.7	1401.5	1375.4	1320.1	1265.8	1216.8	1183.4	1146.8	1114.5	1082.1
15°	1548.6	1483.9	1432.8	1401.5	1331.6	1265.8	1210.5	1163.5	1122.8	1083.2	1055.0
17.5°	1577.8	1496.4	1473.5	1428.6	1327.4	1261.6	1193.8	1143.7	1094.7	1048.8	1015.4
20°	1623.7	1528.8	1471.4	1441.1	1351.4	1254.3	1175.0	1117.6	1066.5	1017.4	982.0
22.5°	1626.9	1523.6	1486.0	1428.6	1318.0	1232.4	1158.3	1088.4	1028.9	983.0	946.5
25°	1619.6	1514.2	1462.0	1416.1	1324.2	1219.9	1124.9	1056.1	997.6	944.4	901.6
27.5°	1616.4	1487.0	1438.0	1392.1	1288.8	1183.4	1105.1	1026.8	960.1	913.1	869.3
30°	1612.3	1457.8	1398.3	1345.1	1250.2	1155.2	1061.3	993.4	929.8	870.3	826.5
32.5°	1585.1	1418.2	1357.6	1301.3	1199.0	1104.1	1030.0	958.0	889.1	833.8	794.1
35°	1576.8	1381.6	1302.3	1241.8	1141.6	1057.1	978.8	919.4	854.7	799.3	752.4
37.5°	1552.8	1344.1	1258.5	1181.3	1076.9	996.6	939.2	879.7	817.1	757.6	720.0
40°	1511.0	1300.2	1203.2	1123.9	1016.4	935.0	881.8	838.0	776.4	723.2	677.3
42.5°	1449.5	1255.4	1151.0	1067.5	948.6	872.4	828.6	786.8	734.6	679.3	641.8
45°	1378.5	1195.9	1098.8	1006.0	884.9	810.8	764.9	739.9	691.9	644.9	601.1
47.5°	1281.5	1134.3	1038.3	942.3	819.2	747.2	710.6	685.6	652.2	601.1	565.6
50°	1159.4	1055.0	964.2	878.7	754.5	685.6	649.1	630.3	602.1	565.6	531.2
52.5°	1023.7	963.2	888.0	808.7	688.7	624.0	590.6	576.0	555.2	520.7	491.5
55°	887.0	860.9	809.8	731.5	619.9	566.6	537.4	518.6	503.0	477.9	452.9
57.5°	764.9	752.4	716.9	656.4	562.5	507.2	482.1	469.6	457.1	438.3	413.2
60°	638.6	652.2	615.7	585.4	499.9	451.9	429.9	416.4	410.1	393.4	377.8
62.5°	529.1	541.6	520.7	497.8	437.2	394.5	380.9	368.4	364.2	349.6	333.9
65°	429.9	445.6	429.9	417.4	380.9	345.4	328.7	322.5	318.3	308.9	296.4
67.5°	342.3	357.9	350.6	335.0	323.5	294.3	284.9	278.6	276.5	269.2	258.8
70°	257.8	279.7	281.8	272.4	261.9	248.4	242.1	240.0	234.8	228.5	222.3
72.5°	185.7	210.8	211.8	211.8	205.6	205.6	199.3	196.2	196.2	189.9	182.6
75°	136.7	153.4	155.5	157.6	160.7	163.8	159.7	159.7	158.6	152.4	149.2
77.5°	90.8	105.4	110.6	117.9	122.1	122.1	124.2	126.3	124.2	121.1	119.0
80°	58.4	68.9	75.1	79.3	85.6	88.7	91.8	92.9	90.8	89.7	86.6
82.5°	38.6	41.7	44.9	50.1	57.4	62.6	62.6	61.6	63.7	62.6	61.6
85°	21.9	24.0	25.0	26.1	30.3	35.5	36.5	37.6	39.7	37.6	35.5
87.5°	8.3	9.4	9.4	9.4	11.5	12.5	15.7	19.8	18.8	16.7	16.7
90°	6.9	5.6	5.0	4.5	3.5	2.5	1.5	0.5	1.5	2.5	3.5
92.5°	9.0	8.1	7.7	8.0	8.6	9.2	9.8	10.4	9.8	9.2	8.6
95°	10.7	9.6	9.0	11.1	15.2	19.3	23.4	27.5	23.4	19.3	15.2
97.5°	29.7	34.8	37.4	38.8	41.6	44.4	47.2	50.0	47.2	44.4	41.6
100°	61.7	77.3	85.1	84.1	82.1	80.1	78.1	76.1	78.1	80.1	82.1
102.5°	85.6	103.0	111.7	111.0	109.7	108.4	107.1	105.8	107.1	108.4	109.7
105°	125.6	134.6	139.1	138.6	137.5	136.4	135.3	134.2	135.3	136.4	137.5
107.5°	170.7	169.2	168.4	168.0	167.1	166.2	165.3	164.4	165.3	166.2	167.1
110°	199.8	198.7	198.1	197.7	196.9	196.1	195.3	194.5	195.3	196.1	196.9

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	228.2	227.1	226.5	226.2	225.5	224.8	224.1	223.4	224.1	224.8	225.5
115°	255.8	254.9	254.4	254.1	253.5	252.9	252.3	251.7	252.3	252.9	253.5
117.5°	283.5	283.0	282.8	282.4	281.7	281.0	280.3	279.6	280.3	281.0	281.7
120°	309.8	309.5	309.4	308.9	308.0	307.1	306.2	305.3	306.2	307.1	308.0
122.5°	335.2	334.8	334.6	334.2	333.5	332.8	332.1	331.4	332.1	332.8	333.5
125°	359.0	358.6	358.4	358.0	357.2	356.4	355.6	354.8	355.6	356.4	357.2
127.5°	382.6	382.1	381.9	381.5	380.7	379.9	379.1	378.3	379.1	379.9	380.7
130°	404.1	403.7	403.5	403.1	402.3	401.5	400.7	399.9	400.7	401.5	402.3
132.5°	424.6	424.3	424.2	423.8	423.0	422.2	421.4	420.6	421.4	422.2	423.0
135°	445.1	444.7	444.5	444.2	443.6	443.0	442.4	441.8	442.4	443.0	443.6
137.5°	463.7	463.5	463.4	463.0	462.2	461.4	460.6	459.8	460.6	461.4	462.2
140°	480.9	480.6	480.5	480.2	479.6	479.0	478.4	477.8	478.4	479.0	479.6
142.5°	497.6	497.3	497.1	496.8	496.2	495.6	495.0	494.4	495.0	495.6	496.2
145°	513.2	513.0	512.9	512.5	511.8	511.1	510.4	509.7	510.4	511.1	511.8
147.5°	527.2	527.0	526.9	526.6	526.1	525.6	525.1	524.6	525.1	525.6	526.1
150°	539.8	539.6	539.5	539.3	539.0	538.7	538.4	538.1	538.4	538.7	539.0
152.5°	550.9	550.8	550.7	550.7	550.6	550.5	550.4	550.3	550.4	550.5	550.6
155°	560.8	560.7	560.6	560.7	560.9	561.1	561.3	561.5	561.3	561.1	560.9
157.5°	570.4	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5	570.5
160°	578.0	578.1	578.2	578.2	578.3	578.4	578.5	578.6	578.5	578.4	578.3
162.5°	584.8	584.9	584.9	585.1	585.4	585.7	586.0	586.3	586.0	585.7	585.4
165°	590.7	590.8	590.8	591.0	591.3	591.6	591.9	592.2	591.9	591.6	591.3
167.5°	595.3	595.3	595.3	595.5	595.9	596.3	596.7	597.1	596.7	596.3	595.9
170°	599.4	599.4	599.4	599.6	600.0	600.4	600.8	601.2	600.8	600.4	600.0
172.5°	601.8	601.7	601.6	601.9	602.4	602.9	603.4	603.9	603.4	602.9	602.4
175°	604.0	603.9	603.9	604.1	604.6	605.1	605.6	606.1	605.6	605.1	604.6
177.5°	604.9	604.8	604.8	605.0	605.5	606.0	606.5	607.0	606.5	606.0	605.5
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1203.2	1198.0	1195.9	1190.7	1178.2	1169.8	1160.4	1154.1	1155.2	1150.0	1153.1
5°	1165.6	1164.6	1157.3	1146.8	1129.1	1119.7	1103.0	1094.7	1090.5	1091.5	1085.3
7.5°	1134.3	1124.9	1119.7	1103.0	1086.3	1066.5	1052.9	1045.6	1039.4	1033.1	1028.9
10°	1098.8	1090.5	1082.1	1064.4	1041.4	1022.7	1003.9	996.6	987.2	983.0	979.9
12.5°	1061.3	1056.1	1045.6	1024.8	998.7	980.9	959.0	954.8	942.3	934.0	931.9
15°	1026.8	1023.7	1004.9	980.9	954.8	937.1	918.3	905.8	884.9	889.1	881.8
17.5°	990.3	976.7	965.3	932.9	920.4	893.3	871.4	865.1	850.5	841.1	831.7
20°	949.6	941.3	926.7	905.8	875.5	844.2	827.5	817.1	808.7	794.1	790.0
22.5°	911.0	900.6	888.0	860.9	834.8	808.7	785.8	776.4	766.0	755.5	749.3
25°	880.7	865.1	851.5	818.1	792.0	770.1	755.5	739.9	725.3	719.0	716.9
27.5°	833.8	824.4	810.8	779.5	755.5	731.5	718.0	707.5	691.9	684.6	678.3
30°	803.5	784.7	769.1	744.0	720.0	694.0	681.4	668.9	659.5	650.1	642.8
32.5°	762.8	748.2	735.7	710.6	686.6	662.6	649.1	630.3	625.1	617.8	609.4
35°	723.2	713.8	700.2	673.1	647.0	630.3	615.7	597.9	591.7	586.5	579.2
37.5°	685.6	672.0	662.6	636.6	613.6	593.8	582.3	567.7	563.5	557.2	552.0
40°	653.3	639.7	630.3	604.2	580.2	559.3	552.0	537.4	531.2	523.9	520.7
42.5°	616.7	605.3	592.7	573.9	548.9	528.0	513.4	505.1	496.7	493.6	487.3
45°	578.1	567.7	558.3	537.4	511.3	496.7	484.2	472.7	466.5	461.2	457.1
47.5°	544.7	535.3	522.8	499.9	479.0	465.4	452.9	441.4	435.2	428.9	423.7
50°	506.1	500.9	487.3	465.4	445.6	429.9	418.5	408.0	403.8	396.5	388.2
52.5°	471.7	462.3	450.8	433.1	415.3	396.5	380.9	374.6	367.3	363.2	355.8
55°	431.0	424.7	412.2	396.5	377.8	362.1	350.6	342.3	332.9	328.7	319.3
57.5°	396.5	385.1	378.8	359.0	341.2	325.6	317.2	308.9	298.5	292.2	288.0
60°	359.0	348.5	339.1	322.5	309.9	293.2	280.7	273.4	266.1	257.8	253.6
62.5°	322.5	314.1	302.6	289.1	273.4	259.8	250.4	240.0	235.8	227.5	224.4
65°	282.8	276.5	267.1	251.5	239.0	227.5	218.1	209.8	205.6	202.4	200.4
67.5°	247.3	239.0	232.7	219.1	205.6	196.2	191.0	185.7	180.5	177.4	174.3
70°	210.8	204.5	198.3	185.7	176.4	168.0	163.8	159.7	156.5	153.4	150.3
72.5°	173.2	170.1	163.8	155.5	148.2	141.9	138.8	133.6	130.4	125.2	123.1
75°	143.0	137.7	134.6	127.3	121.1	115.8	111.7	105.4	101.2	99.1	98.1
77.5°	112.7	110.6	106.4	100.2	97.0	91.8	85.6	83.5	81.4	81.4	80.4
80°	84.5	81.4	78.3	73.0	69.9	65.7	65.7	65.7	64.7	65.7	64.7
82.5°	57.4	55.3	53.2	50.1	49.0	49.0	50.1	50.1	50.1	50.1	50.1
85°	33.4	33.4	33.4	34.4	33.4	33.4	34.4	35.5	34.4	34.4	33.4
87.5°	15.7	15.7	16.7	16.7	17.7	17.7	17.7	17.7	17.7	17.7	18.8
90°	4.5	5.0	5.6	6.9	8.2	9.5	10.8	11.2	11.6	12.0	12.4
92.5°	8.0	7.7	8.1	9.0	9.9	10.8	11.7	12.4	13.1	13.8	14.5
95°	11.1	9.0	9.6	10.7	11.8	12.9	14.0	14.7	15.4	16.1	16.8
97.5°	38.8	37.4	34.8	29.7	24.6	19.5	14.4	15.2	16.0	16.8	17.6
100°	84.1	85.1	77.3	61.7	46.1	30.5	14.9	15.7	16.5	17.3	18.1
102.5°	111.0	111.7	103.0	85.6	68.1	50.7	33.3	30.0	26.7	23.4	20.1
105°	138.6	139.1	134.6	125.6	116.6	107.6	98.6	80.9	63.2	45.5	27.8
107.5°	168.0	168.4	169.2	170.7	172.2	173.7	175.2	159.8	144.4	128.9	113.5
110°	197.7	198.1	198.7	199.8	200.9	202.0	203.1	199.8	196.5	193.2	189.9

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CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	226.2	226.5	227.1	228.2	229.3	230.4	231.5	232.4	233.3	234.2	235.1
115°	254.1	254.4	254.9	255.8	256.7	257.6	258.5	259.5	260.5	261.5	262.5
117.5°	282.4	282.8	283.0	283.5	284.0	284.5	285.0	285.8	286.6	287.4	288.2
120°	308.9	309.4	309.5	309.8	310.1	310.4	310.7	311.5	312.3	313.1	313.9
122.5°	334.2	334.6	334.8	335.2	335.6	336.0	336.4	336.9	337.4	337.9	338.4
125°	358.0	358.4	358.6	359.0	359.4	359.8	360.2	360.4	360.6	360.8	361.0
127.5°	381.5	381.9	382.1	382.6	383.1	383.6	384.1	384.4	384.7	385.0	385.3
130°	403.1	403.5	403.7	404.1	404.5	404.9	405.3	405.7	406.1	406.5	406.9
132.5°	423.8	424.2	424.3	424.6	424.9	425.2	425.5	425.9	426.3	426.7	427.1
135°	444.2	444.5	444.7	445.1	445.5	445.9	446.3	446.6	446.9	447.2	447.5
137.5°	463.0	463.4	463.5	463.7	463.9	464.1	464.3	464.8	465.3	465.8	466.3
140°	480.2	480.5	480.6	480.9	481.2	481.5	481.8	482.2	482.6	483.0	483.4
142.5°	496.8	497.1	497.3	497.6	497.9	498.2	498.5	498.8	499.1	499.4	499.7
145°	512.5	512.9	513.0	513.2	513.4	513.6	513.8	514.0	514.2	514.4	514.6
147.5°	526.6	526.9	527.0	527.2	527.4	527.6	527.8	528.0	528.2	528.4	528.6
150°	539.3	539.5	539.6	539.8	540.0	540.2	540.4	540.6	540.8	541.0	541.2
152.5°	550.7	550.7	550.8	550.9	551.0	551.1	551.2	551.6	552.0	552.4	552.8
155°	560.7	560.6	560.7	560.8	560.9	561.0	561.1	561.6	562.1	562.6	563.1
157.5°	570.5	570.5	570.5	570.4	570.3	570.2	570.1	570.7	571.3	571.9	572.5
160°	578.2	578.2	578.1	578.0	577.9	577.8	577.7	578.3	578.9	579.5	580.1
162.5°	585.1	584.9	584.9	584.8	584.7	584.6	584.5	585.2	585.9	586.6	587.3
165°	591.0	590.8	590.8	590.7	590.6	590.5	590.4	591.2	592.0	592.8	593.6
167.5°	595.5	595.3	595.3	595.3	595.3	595.3	595.3	596.1	596.9	597.7	598.5
170°	599.6	599.4	599.4	599.4	599.4	599.4	599.4	600.2	601.0	601.8	602.6
172.5°	601.9	601.6	601.7	601.8	601.9	602.0	602.1	602.9	603.7	604.5	605.3
175°	604.1	603.9	603.9	604.0	604.1	604.2	604.3	605.0	605.7	606.4	607.1
177.5°	605.0	604.8	604.8	604.9	605.0	605.1	605.2	606.0	606.8	607.6	608.4
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1152.1	1153.1	1150.0	1143.7	1142.7	1144.8	1151.0	1148.9	1143.7	1153.1	1144.8
5°	1088.4	1083.2	1081.1	1083.2	1076.9	1073.8	1080.1	1076.9	1080.1	1081.1	1084.2
7.5°	1026.8	1027.9	1021.6	1022.7	1014.3	1016.4	1016.4	1016.4	1019.5	1021.6	1025.8
10°	973.6	975.7	968.4	969.4	963.2	959.0	962.1	968.4	968.4	968.4	970.5
12.5°	930.8	921.4	916.2	915.2	907.9	905.8	912.0	914.1	919.4	919.4	922.5
15°	877.6	875.5	871.4	871.4	853.6	857.8	859.9	867.2	877.6	869.3	871.4
17.5°	829.6	824.4	819.2	817.1	815.0	808.7	817.1	816.0	822.3	823.3	826.5
20°	786.8	782.7	772.2	773.3	775.3	766.0	771.2	771.2	777.4	783.7	791.0
22.5°	745.1	740.9	735.7	737.8	731.5	729.4	729.4	734.6	742.0	747.2	746.1
25°	712.7	705.4	702.3	699.2	696.0	698.1	695.0	700.2	705.4	708.6	705.4
27.5°	676.2	673.1	666.8	663.7	658.5	660.6	662.6	666.8	669.9	669.9	673.1
30°	640.7	636.6	634.5	631.3	631.3	627.2	628.2	632.4	635.5	638.6	642.8
32.5°	606.3	603.2	600.0	600.0	597.9	596.9	595.9	602.1	602.1	608.4	608.4
35°	578.1	572.9	572.9	567.7	569.8	568.7	566.6	570.8	571.9	576.0	575.0
37.5°	546.8	546.8	544.7	539.5	535.3	536.4	541.6	541.6	544.7	543.7	546.8
40°	515.5	513.4	513.4	510.3	509.2	508.2	509.2	510.3	515.5	514.5	515.5
42.5°	484.2	485.2	480.0	480.0	480.0	476.9	477.9	479.0	481.1	483.2	486.3
45°	453.9	451.9	450.8	448.7	446.6	447.7	446.6	450.8	449.8	451.9	455.0
47.5°	421.6	418.5	417.4	413.2	413.2	415.3	414.3	417.4	418.5	421.6	419.5
50°	390.3	386.1	383.0	384.0	377.8	379.8	379.8	383.0	386.1	387.2	389.2
52.5°	353.8	352.7	351.7	346.5	345.4	344.4	345.4	346.5	350.6	353.8	354.8
55°	318.3	317.2	311.0	308.9	305.8	305.8	307.8	308.9	316.2	317.2	321.4
57.5°	285.9	282.8	275.5	274.4	274.4	274.4	271.3	275.5	277.6	282.8	282.8
60°	250.4	250.4	244.2	244.2	245.2	244.2	244.2	245.2	245.2	249.4	251.5
62.5°	222.3	221.2	221.2	219.1	218.1	219.1	218.1	218.1	219.1	222.3	225.4
65°	197.2	196.2	195.1	194.1	192.0	192.0	193.1	195.1	195.1	197.2	198.3
67.5°	173.2	173.2	171.1	171.1	170.1	169.1	170.1	169.1	173.2	173.2	174.3
70°	149.2	148.2	145.1	144.0	140.9	141.9	141.9	145.1	146.1	148.2	150.3
72.5°	120.0	120.0	117.9	115.8	116.9	114.8	114.8	115.8	115.8	119.0	120.0
75°	99.1	97.0	96.0	97.0	96.0	98.1	96.0	96.0	98.1	98.1	98.1
77.5°	81.4	81.4	80.4	80.4	81.4	80.4	81.4	81.4	81.4	80.4	81.4
80°	66.8	65.7	65.7	65.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
82.5°	50.1	50.1	49.0	50.1	50.1	49.0	50.1	49.0	49.0	50.1	50.1
85°	33.4	35.5	33.4	33.4	34.4	34.4	35.5	34.4	35.5	33.4	34.4
87.5°	17.7	18.8	18.8	17.7	17.7	18.8	18.8	18.8	19.8	17.7	18.8
90°	12.6	12.7	12.9	13.1	13.3	13.5	13.3	13.1	12.9	12.7	12.6
92.5°	14.9	14.9	15.0	15.1	15.2	15.3	15.2	15.1	15.0	14.9	14.9
95°	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
97.5°	18.0	18.1	18.2	18.3	18.4	18.5	18.4	18.3	18.2	18.1	18.0
100°	18.5	18.5	18.6	18.7	18.8	18.9	18.8	18.7	18.6	18.5	18.5
102.5°	18.5	18.6	18.8	19.0	19.2	19.4	19.2	19.0	18.8	18.6	18.5
105°	18.9	19.0	19.2	19.4	19.6	19.8	19.6	19.4	19.2	19.0	18.9
107.5°	105.8	99.2	86.1	73.0	59.9	46.8	59.9	73.0	86.1	99.2	105.8
110°	188.2	181.0	166.7	152.4	138.1	123.8	138.1	152.4	166.7	181.0	188.2

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	235.5	235.4	235.2	235.0	234.8	234.6	234.8	235.0	235.2	235.4	235.5
115°	263.0	263.2	263.6	264.0	264.4	264.8	264.4	264.0	263.6	263.2	263.0
117.5°	288.6	288.7	288.8	288.9	289.0	289.1	289.0	288.9	288.8	288.7	288.6
120°	314.3	314.3	314.3	314.3	314.3	314.3	314.3	314.3	314.3	314.3	314.3
122.5°	338.6	338.7	338.8	338.9	339.0	339.1	339.0	338.9	338.8	338.7	338.6
125°	361.1	361.2	361.4	361.6	361.8	362.0	361.8	361.6	361.4	361.2	361.1
127.5°	385.5	385.4	385.2	385.0	384.8	384.6	384.8	385.0	385.2	385.4	385.5
130°	407.1	407.0	406.8	406.6	406.4	406.2	406.4	406.6	406.8	407.0	407.1
132.5°	427.3	427.2	426.9	426.6	426.3	426.0	426.3	426.6	426.9	427.2	427.3
135°	447.6	447.5	447.2	446.9	446.6	446.3	446.6	446.9	447.2	447.5	447.6
137.5°	466.5	466.4	466.2	466.0	465.8	465.6	465.8	466.0	466.2	466.4	466.5
140°	483.6	483.5	483.3	483.1	482.9	482.7	482.9	483.1	483.3	483.5	483.6
142.5°	499.8	499.7	499.4	499.1	498.8	498.5	498.8	499.1	499.4	499.7	499.8
145°	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7
147.5°	528.7	528.4	527.9	527.4	526.9	526.4	526.9	527.4	527.9	528.4	528.7
150°	541.3	541.1	540.8	540.5	540.2	539.9	540.2	540.5	540.8	541.1	541.3
152.5°	553.0	552.7	552.2	551.7	551.2	550.7	551.2	551.7	552.2	552.7	553.0
155°	563.3	563.0	562.4	561.8	561.2	560.6	561.2	561.8	562.4	563.0	563.3
157.5°	572.8	572.4	571.6	570.8	570.0	569.2	570.0	570.8	571.6	572.4	572.8
160°	580.4	580.1	579.4	578.7	578.0	577.3	578.0	578.7	579.4	580.1	580.4
162.5°	587.7	587.4	586.8	586.1	585.5	584.9	585.5	586.1	586.8	587.4	587.7
165°	594.0	593.6	592.9	592.2	591.5	590.8	591.5	592.2	592.9	593.6	594.0
167.5°	598.9	598.5	597.7	596.9	596.1	595.3	596.1	596.9	597.7	598.5	598.9
170°	603.0	602.6	601.8	601.0	600.2	599.4	600.2	601.0	601.8	602.6	603.0
172.5°	605.7	605.2	604.3	603.4	602.5	601.6	602.5	603.4	604.3	605.2	605.7
175°	607.5	607.1	606.3	605.5	604.7	603.9	604.7	605.5	606.3	607.1	607.5
177.5°	608.8	608.3	607.3	606.3	605.3	604.3	605.3	606.3	607.3	608.3	608.8
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8	1218.8
2.5°	1153.1	1157.3	1153.1	1144.8	1153.1	1158.3	1163.5	1171.9	1176.1	1176.1	1182.3
5°	1087.4	1095.7	1092.6	1090.5	1098.8	1104.1	1112.4	1122.8	1134.3	1141.6	1150.0
7.5°	1028.9	1034.1	1039.4	1039.4	1047.7	1059.2	1071.7	1084.2	1098.8	1109.3	1115.5
10°	977.8	982.0	985.1	989.3	1001.8	1014.3	1031.0	1046.7	1059.2	1070.7	1081.1
12.5°	928.7	935.0	942.3	945.4	954.8	970.5	986.1	1004.9	1024.8	1036.2	1046.7
15°	881.8	884.9	893.3	902.7	911.0	927.7	947.5	967.4	984.1	1001.8	1011.2
17.5°	833.8	834.8	856.7	851.5	878.7	894.3	904.7	923.5	950.7	965.3	979.9
20°	786.8	797.3	806.7	811.9	826.5	844.2	874.5	889.1	911.0	924.6	937.1
22.5°	750.3	766.0	766.0	778.5	785.8	802.5	824.4	852.6	876.6	886.0	903.7
25°	718.0	725.3	737.8	742.0	755.5	770.1	784.7	815.0	841.1	853.6	866.1
27.5°	676.2	685.6	702.3	702.3	720.0	735.7	753.4	773.3	799.3	817.1	830.7
30°	643.9	653.3	660.6	672.0	679.3	694.0	725.3	739.9	762.8	778.5	795.2
32.5°	613.6	620.9	627.2	639.7	648.0	664.7	681.4	707.5	727.3	742.0	759.7
35°	580.2	587.5	595.9	605.3	617.8	633.4	649.1	671.0	690.8	704.4	719.0
37.5°	548.9	554.1	566.6	572.9	583.3	597.9	617.8	640.7	658.5	668.9	683.5
40°	518.6	522.8	532.2	543.7	551.0	562.5	583.3	603.2	625.1	637.6	649.1
42.5°	486.3	491.5	499.9	511.3	522.8	535.3	546.8	569.8	589.6	600.0	612.6
45°	458.1	461.2	467.5	479.0	490.5	499.9	517.6	538.5	557.2	565.6	579.2
47.5°	424.7	427.8	437.2	442.5	455.0	467.5	485.2	506.1	522.8	531.2	543.7
50°	390.3	393.4	399.7	411.2	419.5	433.1	448.7	466.5	487.3	498.8	506.1
52.5°	356.9	363.2	368.4	377.8	388.2	401.8	416.4	433.1	450.8	462.3	470.6
55°	323.5	328.7	335.0	340.2	352.7	365.2	381.9	397.6	413.2	423.7	433.1
57.5°	285.9	293.2	299.5	309.9	319.3	329.8	348.5	361.1	379.8	387.2	395.5
60°	253.6	260.9	266.1	274.4	282.8	296.4	308.9	324.5	340.2	349.6	360.0
62.5°	226.4	229.6	232.7	241.1	249.4	261.9	274.4	290.1	306.8	312.0	320.4
65°	199.3	202.4	207.7	215.0	221.2	228.5	242.1	254.6	270.3	278.6	281.8
67.5°	176.4	179.5	180.5	185.7	191.0	199.3	206.6	219.1	233.8	239.0	245.2
70°	150.3	155.5	156.5	160.7	162.8	168.0	176.4	185.7	197.2	206.6	211.8
72.5°	120.0	127.3	129.4	135.7	138.8	144.0	150.3	157.6	164.9	169.1	173.2
75°	98.1	100.2	101.2	106.4	111.7	119.0	122.1	126.3	132.5	137.7	141.9
77.5°	81.4	82.4	83.5	83.5	84.5	88.7	95.0	100.2	104.4	106.4	109.6
80°	65.7	64.7	64.7	65.7	65.7	65.7	67.8	75.1	77.2	82.4	81.4
82.5°	51.1	49.0	50.1	49.0	49.0	49.0	49.0	50.1	50.1	53.2	55.3
85°	33.4	34.4	33.4	33.4	32.3	33.4	32.3	32.3	31.3	31.3	30.3
87.5°	17.7	18.8	17.7	17.7	16.7	17.7	16.7	16.7	15.7	15.7	13.6
90°	12.4	12.0	11.6	11.2	10.8	9.5	8.2	6.9	5.6	5.0	4.5
92.5°	14.5	13.8	13.1	12.4	11.7	10.8	9.9	9.0	8.1	7.7	8.0
95°	16.8	16.1	15.4	14.7	14.0	12.9	11.8	10.7	9.6	9.0	11.1
97.5°	17.6	16.8	16.0	15.2	14.4	19.5	24.6	29.7	34.8	37.4	38.8
100°	18.1	17.3	16.5	15.7	14.9	30.5	46.1	61.7	77.3	85.1	84.1
102.5°	20.1	23.4	26.7	30.0	33.3	50.7	68.1	85.6	103.0	111.7	111.0
105°	27.8	45.5	63.2	80.9	98.6	107.6	116.6	125.6	134.6	139.1	138.6
107.5°	113.5	128.9	144.4	159.8	175.2	173.7	172.2	170.7	169.2	168.4	168.0
110°	189.9	193.2	196.5	199.8	203.1	202.0	200.9	199.8	198.7	198.1	197.7

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	235.1	234.2	233.3	232.4	231.5	230.4	229.3	228.2	227.1	226.5	226.2
115°	262.5	261.5	260.5	259.5	258.5	257.6	256.7	255.8	254.9	254.4	254.1
117.5°	288.2	287.4	286.6	285.8	285.0	284.5	284.0	283.5	283.0	282.8	282.4
120°	313.9	313.1	312.3	311.5	310.7	310.4	310.1	309.8	309.5	309.4	308.9
122.5°	338.4	337.9	337.4	336.9	336.4	336.0	335.6	335.2	334.8	334.6	334.2
125°	361.0	360.8	360.6	360.4	360.2	359.8	359.4	359.0	358.6	358.4	358.0
127.5°	385.3	385.0	384.7	384.4	384.1	383.6	383.1	382.6	382.1	381.9	381.5
130°	406.9	406.5	406.1	405.7	405.3	404.9	404.5	404.1	403.7	403.5	403.1
132.5°	427.1	426.7	426.3	425.9	425.5	425.2	424.9	424.6	424.3	424.2	423.8
135°	447.5	447.2	446.9	446.6	446.3	445.9	445.5	445.1	444.7	444.5	444.2
137.5°	466.3	465.8	465.3	464.8	464.3	464.1	463.9	463.7	463.5	463.4	463.0
140°	483.4	483.0	482.6	482.2	481.8	481.5	481.2	480.9	480.6	480.5	480.2
142.5°	499.7	499.4	499.1	498.8	498.5	498.2	497.9	497.6	497.3	497.1	496.8
145°	514.6	514.4	514.2	514.0	513.8	513.6	513.4	513.2	513.0	512.9	512.5
147.5°	528.6	528.4	528.2	528.0	527.8	527.6	527.4	527.2	527.0	526.9	526.6
150°	541.2	541.0	540.8	540.6	540.4	540.2	540.0	539.8	539.6	539.5	539.3
152.5°	552.8	552.4	552.0	551.6	551.2	551.1	551.0	550.9	550.8	550.7	550.7
155°	563.1	562.6	562.1	561.6	561.1	561.0	560.9	560.8	560.7	560.6	560.7
157.5°	572.5	571.9	571.3	570.7	570.1	570.2	570.3	570.4	570.5	570.5	570.5
160°	580.1	579.5	578.9	578.3	577.7	577.8	577.9	578.0	578.1	578.2	578.2
162.5°	587.3	586.6	585.9	585.2	584.5	584.6	584.7	584.8	584.9	584.9	585.1
165°	593.6	592.8	592.0	591.2	590.4	590.5	590.6	590.7	590.8	590.8	591.0
167.5°	598.5	597.7	596.9	596.1	595.3	595.3	595.3	595.3	595.3	595.3	595.5
170°	602.6	601.8	601.0	600.2	599.4	599.4	599.4	599.4	599.4	599.4	599.6
172.5°	605.3	604.5	603.7	602.9	602.1	602.0	601.9	601.8	601.7	601.6	601.9
175°	607.1	606.4	605.7	605.0	604.3	604.2	604.1	604.0	603.9	603.9	604.1
177.5°	608.4	607.6	606.8	606.0	605.2	605.1	605.0	604.9	604.8	604.8	605.0
180°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1218.8	1218.8	1218.8	1218.8
2.5°	1187.5	1194.8	1209.5	1222.0
5°	1162.5	1174.0	1195.9	1217.8
7.5°	1132.2	1150.0	1178.2	1208.4
10°	1103.0	1126.0	1160.4	1195.9
12.5°	1073.8	1097.8	1134.3	1180.2
15°	1039.4	1064.4	1108.2	1163.5
17.5°	1009.1	1042.5	1082.1	1137.5
20°	976.7	1001.8	1052.9	1111.4
22.5°	936.1	977.8	1025.8	1087.4
25°	903.7	940.2	988.2	1058.1
27.5°	864.0	906.8	965.3	1026.8
30°	831.7	867.2	921.4	995.5
32.5°	794.1	835.9	892.2	965.3
35°	760.7	796.2	849.4	923.5
37.5°	721.1	759.7	819.2	884.9
40°	686.6	724.2	780.6	842.1
42.5°	644.9	684.6	740.9	793.1
45°	611.5	648.0	692.9	740.9
47.5°	570.8	609.4	653.3	686.6
50°	534.3	569.8	604.2	632.4
52.5°	494.6	527.0	558.3	579.2
55°	458.1	483.2	508.2	522.8
57.5°	415.3	439.3	460.2	468.5
60°	377.8	397.6	411.2	420.5
62.5°	338.1	352.7	363.2	368.4
65°	299.5	309.9	315.1	320.4
67.5°	259.8	269.2	272.4	278.6
70°	218.1	228.5	230.6	233.8
72.5°	186.8	186.8	191.0	195.1
75°	149.2	151.3	153.4	153.4
77.5°	116.9	116.9	119.0	120.0
80°	85.6	86.6	86.6	85.6
82.5°	58.4	60.5	58.4	57.4
85°	32.3	36.5	34.4	34.4
87.5°	13.6	13.6	15.7	13.6
90°	3.5	2.5	1.5	0.5
92.5°	8.6	9.2	9.8	10.4
95°	15.2	19.3	23.4	27.5
97.5°	41.6	44.4	47.2	50.0
100°	82.1	80.1	78.1	76.1
102.5°	109.7	108.4	107.1	105.8
105°	137.5	136.4	135.3	134.2
107.5°	167.1	166.2	165.3	164.4
110°	196.9	196.1	195.3	194.5

TEST NUMBER: P1031245

CATALOG NUMBER: S123RDIW-B775D460UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	225.5	224.8	224.1	223.4
115°	253.5	252.9	252.3	251.7
117.5°	281.7	281.0	280.3	279.6
120°	308.0	307.1	306.2	305.3
122.5°	333.5	332.8	332.1	331.4
125°	357.2	356.4	355.6	354.8
127.5°	380.7	379.9	379.1	378.3
130°	402.3	401.5	400.7	399.9
132.5°	423.0	422.2	421.4	420.6
135°	443.6	443.0	442.4	441.8
137.5°	462.2	461.4	460.6	459.8
140°	479.6	479.0	478.4	477.8
142.5°	496.2	495.6	495.0	494.4
145°	511.8	511.1	510.4	509.7
147.5°	526.1	525.6	525.1	524.6
150°	539.0	538.7	538.4	538.1
152.5°	550.6	550.5	550.4	550.3
155°	560.9	561.1	561.3	561.5
157.5°	570.5	570.5	570.5	570.5
160°	578.3	578.4	578.5	578.6
162.5°	585.4	585.7	586.0	586.3
165°	591.3	591.6	591.9	592.2
167.5°	595.9	596.3	596.7	597.1
170°	600.0	600.4	600.8	601.2
172.5°	602.4	602.9	603.4	603.9
175°	604.6	605.1	605.6	606.1
177.5°	605.5	606.0	606.5	607.0
180°	606.1	606.1	606.1	606.1

(END OF REPORT)