

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: P1032449

Luminaire Tested: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032449
REPORT IS A COMBINATION OF REPORTS P994796 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B775D755UB30-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

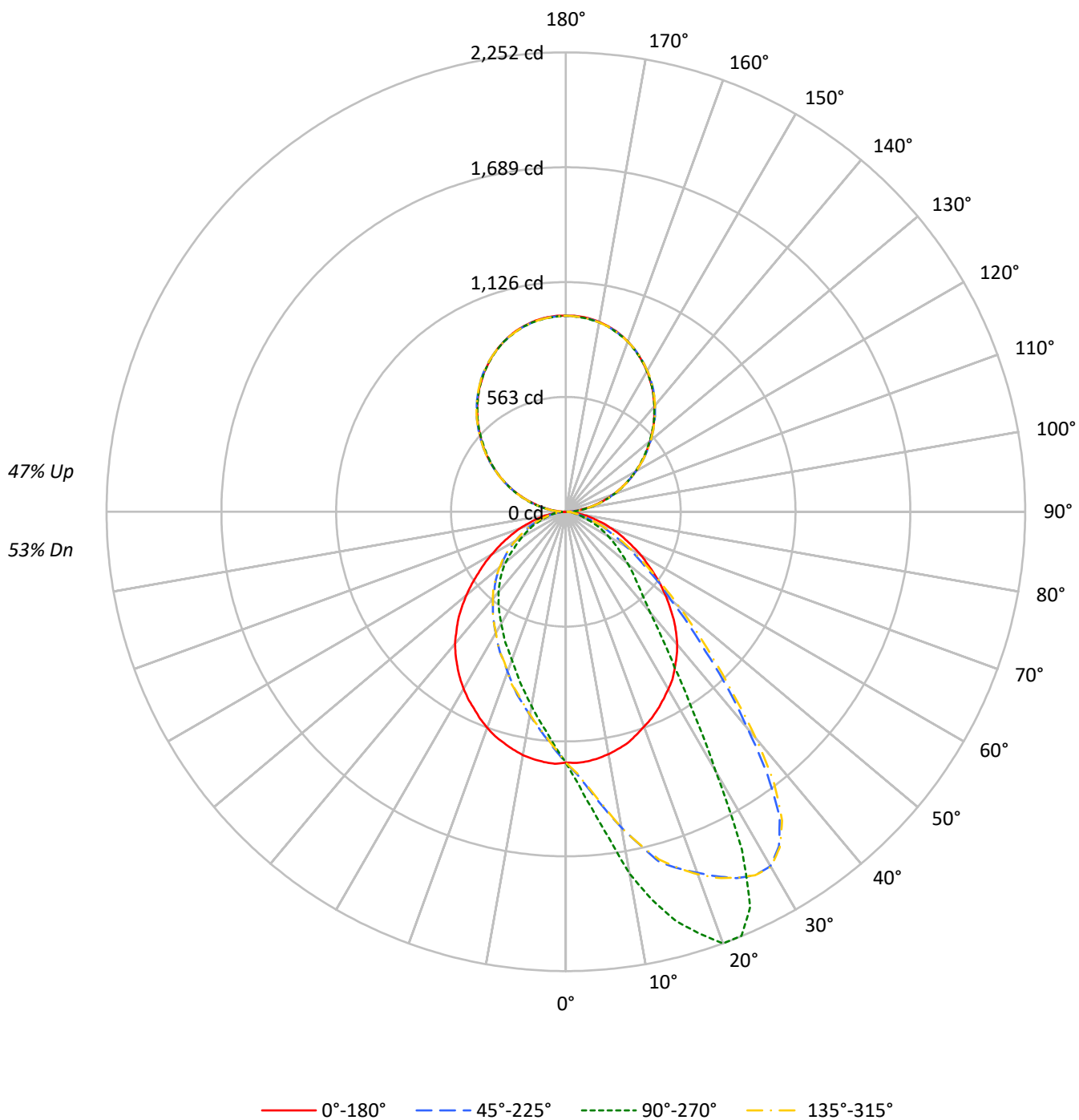
Lumens per Lamp: N/A
Luminaire Lumens: 5726.0 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 59.1
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

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59
1	99	95	91	88	92	88	85	82	76	73	71	64	63	61	53	52	51
2	91	84	78	73	84	78	73	69	67	63	60	57	54	52	48	46	44
3	83	74	67	62	77	69	63	58	60	55	51	51	48	45	43	40	38
4	76	66	58	53	71	62	55	50	53	48	44	46	42	39	39	36	34
5	70	59	51	46	65	55	48	43	48	43	39	41	37	34	35	32	30
6	65	53	45	40	60	50	43	38	44	38	34	38	33	30	32	29	26
7	60	48	41	35	56	45	38	33	40	34	30	34	30	27	29	26	24
8	56	44	36	31	52	41	35	30	36	31	27	32	27	24	27	24	21
9	52	40	33	28	49	38	31	27	33	28	24	29	25	22	25	22	19
10	49	37	30	25	45	35	28	24	31	26	22	27	23	20	23	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13232	13232	13232	13232
5°	13242	15240	13276	11306
10°	13125	18396	13182	9875
15°	12990	20879	12990	8707
20°	12724	22521	12795	7724
25°	12529	21397	12504	7048
30°	12302	14825	12277	6387
35°	12028	9518	11974	5888
40°	11689	6721	11631	5393
45°	11098	5379	11082	4909
50°	10371	4500	10337	4344
55°	9554	3708	9478	3683
60°	8751	3065	8664	3132
65°	7810	2453	7861	2656
70°	6944	1705	7130	2146
75°	5885	1265	6124	1650
80°	4685	838	5087	1238
85°	3333	397	3640	769

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 17665 cd/sqm

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.7	2.1
10°-20°	377.9	6.6
20°-30°	595.2	10.4
30°-40°	618.9	10.8
40°-50°	529.5	9.2
50°-60°	403.7	7.1
60°-70°	258.6	4.5
70°-80°	123.9	2.2
80°-90°	34.6	0.6
90°-100°	61.9	1.1
100°-110°	187.3	3.3
110°-120°	318.8	5.6
120°-130°	419.4	7.3
130°-140°	471.4	8.2
140°-150°	463.4	8.1
150°-160°	390.2	6.8
160°-170°	259.7	4.5
170°-180°	91.0	1.6
0°-30°	1093.8	19.1
0°-40°	1712.7	29.9
0°-60°	2645.9	46.2
0°-90°	3063.0	53.5
90°-120°	567.9	9.9
90°-150°	1922.1	33.6
90°-180°	2663.0	46.5
0°-180°	5726.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1229	1229	1229	1229	1229	
5°	1228	1460	1231	1083	1228	116
15°	1174	2074	1174	865	1174	330
25°	1067	2138	1065	704	1067	492
35°	931	927	927	574	931	583
45°	747	495	746	452	747	575
55°	527	310	523	308	527	472
65°	323	179	325	194	323	323
75°	155	76	161	99	155	167
85°	35	18	38	35	35	39
90°	1	23	1	23	1	5
95°	44	59	44	59	44	49
105°	170	180	170	180	170	182
115°	321	322	321	322	321	318
125°	470	464	470	464	470	419
135°	609	608	609	608	609	469
145°	739	739	739	739	739	462
155°	846	845	846	845	846	390
165°	922	919	922	919	922	260
175°	959	955	959	955	959	91
180°	961	961	961	961	961	

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1232.4	1240.9	1247.2	1251.4	1261.9	1268.2	1273.5	1283.0	1283.0	1285.1	1289.3
5°	1228.2	1246.1	1258.8	1275.6	1297.7	1308.2	1323.0	1335.6	1353.5	1363.0	1372.4
7.5°	1218.8	1244.0	1270.3	1295.6	1328.2	1349.3	1364.0	1396.6	1419.8	1448.2	1470.3
10°	1206.1	1240.9	1274.5	1313.5	1357.7	1389.3	1411.4	1454.5	1498.7	1538.7	1572.4
12.5°	1190.3	1232.4	1280.9	1328.2	1390.3	1421.9	1457.7	1511.4	1574.5	1625.0	1670.3
15°	1173.5	1221.9	1276.7	1334.5	1412.4	1456.6	1508.2	1573.4	1644.0	1716.6	1778.7
17.5°	1147.2	1208.2	1269.3	1353.5	1445.0	1471.4	1515.6	1605.0	1692.4	1757.6	1833.4
20°	1120.9	1189.3	1266.1	1341.9	1440.8	1501.9	1542.9	1637.7	1731.3	1810.3	1882.9
22.5°	1096.7	1168.2	1248.2	1344.0	1436.6	1497.7	1549.2	1648.2	1756.6	1845.0	1934.4
25°	1067.2	1145.1	1233.5	1324.0	1436.6	1482.9	1539.8	1654.5	1769.2	1871.3	1981.8
27.5°	1035.6	1114.6	1201.9	1294.5	1397.7	1466.1	1521.9	1645.0	1785.0	1894.5	2008.1
30°	1004.1	1085.1	1169.3	1252.4	1368.2	1433.5	1497.7	1633.4	1793.4	1918.7	2006.0
32.5°	973.5	1041.9	1125.1	1206.1	1320.9	1392.4	1465.0	1621.9	1796.6	1901.8	1943.9
35°	931.4	1003.0	1070.4	1156.7	1272.4	1343.0	1428.2	1620.8	1782.9	1848.1	1827.1
37.5°	892.5	952.5	1016.7	1093.5	1212.5	1304.0	1392.4	1593.4	1737.6	1741.8	1622.9
40°	849.3	898.8	952.5	1033.5	1161.9	1252.4	1348.2	1551.3	1655.5	1593.4	1384.0
42.5°	799.9	844.1	886.2	965.1	1105.1	1206.1	1309.3	1498.7	1536.6	1393.5	1175.6
45°	747.3	783.0	822.0	905.1	1045.1	1145.1	1248.2	1417.7	1378.7	1176.7	969.3
47.5°	692.5	723.0	760.9	836.7	980.9	1083.0	1180.9	1301.9	1203.0	986.2	812.5
50°	637.8	662.0	698.8	776.7	915.7	1008.3	1098.8	1177.7	1038.8	846.2	671.5
52.5°	584.1	603.1	641.0	707.3	842.0	930.4	995.6	1026.2	885.1	698.8	583.1
55°	527.3	548.3	573.6	641.0	774.6	839.9	883.0	882.0	736.7	592.5	482.0
57.5°	472.6	491.5	513.6	581.0	689.4	733.6	770.4	752.5	614.6	485.2	413.6
60°	424.1	434.7	458.9	515.7	597.8	635.7	656.7	626.2	502.0	409.4	342.1
62.5°	371.5	382.0	402.0	455.7	506.2	526.2	544.1	505.2	414.7	333.6	292.6
65°	323.1	336.8	349.4	392.6	419.9	444.1	442.0	409.4	324.2	271.5	237.9
67.5°	281.0	286.3	296.8	323.1	335.7	353.6	354.7	317.8	261.0	221.0	201.0
70°	235.8	241.0	248.4	261.0	269.4	273.6	271.5	238.9	196.8	172.6	154.7
72.5°	196.8	195.8	201.0	201.0	209.4	208.4	202.1	176.8	149.5	129.5	118.9
75°	154.7	155.8	156.8	154.7	151.6	147.3	142.1	123.1	105.2	95.8	86.3
77.5°	121.0	118.9	120.0	112.6	108.4	104.2	96.8	87.4	72.6	70.5	66.3
80°	86.3	85.3	84.2	81.0	71.6	67.4	62.1	56.8	53.7	51.6	50.5
82.5°	57.9	57.9	55.8	49.5	44.2	41.0	40.0	37.9	34.7	34.7	33.7
85°	34.7	33.7	31.6	25.3	22.1	22.1	22.1	22.1	20.0	20.0	18.9
87.5°	13.7	12.6	9.5	9.5	8.4	8.4	8.4	7.4	7.4	6.3	6.3
90°	0.8	2.5	4.1	5.8	7.5	8.3	9.4	11.6	13.7	15.9	18.1
92.5°	22.6	23.6	24.6	25.7	26.7	27.2	27.7	28.7	29.7	30.7	31.7
95°	44.5	45.7	46.9	48.0	49.2	49.8	50.5	51.8	53.2	54.5	55.9
97.5°	73.2	74.0	74.9	75.7	76.6	77.0	77.5	78.5	79.5	80.5	81.5
100°	102.7	103.7	104.7	105.7	106.7	107.2	107.6	108.5	109.3	110.2	111.0
102.5°	136.6	137.1	137.6	138.1	138.6	138.9	139.5	140.7	141.8	143.0	144.2
105°	169.9	170.2	170.6	170.9	171.2	171.4	172.2	173.7	175.2	176.7	178.2
107.5°	209.1	209.3	209.5	209.6	209.8	209.9	210.2	210.9	211.6	212.2	212.9
110°	245.4	245.7	246.1	246.4	246.7	246.9	247.1	247.4	247.7	248.1	248.4



TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	283.1	283.3	283.5	283.6	283.8	283.9	283.9	283.9	283.9	283.9	283.9
115°	320.9	321.4	321.9	322.4	322.9	323.1	322.9	322.6	322.3	321.9	321.6
117.5°	359.4	359.6	359.7	359.9	360.0	360.1	359.9	359.6	359.3	358.9	358.6
120°	394.8	395.8	396.8	397.9	398.9	399.4	399.0	398.1	397.3	396.4	395.6
122.5°	431.8	432.5	433.2	433.9	434.6	434.9	434.7	434.4	434.1	433.7	433.4
125°	469.6	470.1	470.6	471.1	471.6	471.9	471.7	471.4	471.0	470.7	470.3
127.5°	504.3	505.3	506.3	507.3	508.3	508.8	508.6	508.3	508.0	507.6	507.3
130°	539.0	540.4	541.7	543.1	544.4	545.1	544.8	544.3	543.8	543.3	542.8
132.5°	573.8	575.1	576.5	577.8	579.1	579.8	579.6	579.3	579.0	578.6	578.3
135°	609.3	610.3	611.3	612.3	613.3	613.8	613.7	613.5	613.4	613.2	613.0
137.5°	641.7	642.5	643.4	644.2	645.1	645.5	645.8	646.3	646.8	647.3	647.8
140°	675.7	676.5	677.4	678.2	679.1	679.5	679.6	679.7	679.9	680.0	680.2
142.5°	706.7	707.5	708.3	709.2	710.0	710.4	710.6	710.9	711.2	711.6	711.9
145°	739.1	739.4	739.8	740.1	740.4	740.6	740.9	741.4	741.9	742.4	742.9
147.5°	767.0	767.7	768.4	769.1	769.8	770.1	770.3	770.8	771.3	771.8	772.3
150°	796.5	796.8	797.2	797.5	797.8	798.0	798.2	798.5	798.8	799.2	799.5
152.5°	820.7	821.2	821.7	822.2	822.7	822.9	823.0	823.2	823.3	823.5	823.7
155°	846.3	846.3	846.3	846.3	846.3	846.3	846.4	846.6	846.7	846.9	847.1
157.5°	868.2	868.0	867.9	867.7	867.6	867.5	867.6	867.7	867.9	868.0	868.2
160°	888.6	888.3	887.9	887.6	887.3	887.1	887.1	887.1	887.1	887.1	887.1
162.5°	906.7	906.2	905.7	905.2	904.7	904.5	904.6	904.7	904.9	905.0	905.2
165°	921.8	921.3	920.8	920.3	919.8	919.6	919.6	919.6	919.6	919.6	919.6
167.5°	934.7	934.0	933.3	932.6	931.9	931.6	931.7	931.9	932.0	932.2	932.4
170°	945.2	944.5	943.9	943.2	942.5	942.2	942.2	942.2	942.2	942.2	942.2
172.5°	953.5	952.8	952.2	951.5	950.8	950.5	950.5	950.5	950.5	950.5	950.5
175°	958.8	958.1	957.5	956.8	956.1	955.8	955.8	955.8	955.8	955.8	955.8
177.5°	961.8	961.1	960.5	959.8	959.1	958.8	958.8	958.8	958.8	958.8	958.8
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1297.7	1297.7	1307.2	1316.6	1311.4	1314.5	1326.1	1321.9	1330.3	1329.3	1332.4
5°	1395.6	1407.2	1416.6	1436.6	1439.8	1436.6	1456.6	1461.9	1471.4	1459.8	1465.0
7.5°	1506.1	1530.3	1553.5	1582.9	1592.4	1594.5	1605.0	1619.8	1632.4	1609.2	1620.8
10°	1613.4	1650.3	1697.6	1724.0	1747.1	1755.5	1763.9	1773.4	1788.2	1801.8	1791.3
12.5°	1729.2	1782.9	1828.1	1875.5	1903.9	1900.8	1925.0	1931.3	1942.9	1946.0	1950.2
15°	1823.9	1899.7	1928.1	1998.6	2005.0	2026.0	2053.4	2077.6	2080.7	2074.4	2074.4
17.5°	1914.5	1979.7	2030.2	2087.1	2098.6	2116.5	2151.3	2162.8	2167.0	2166.0	2166.0
20°	1988.1	2031.3	2116.5	2163.9	2182.8	2206.0	2230.2	2244.9	2248.1	2252.3	2246.0
22.5°	2036.5	2101.8	2171.3	2210.2	2226.0	2234.4	2250.2	2254.4	2249.1	2250.2	2251.2
25°	2074.4	2138.6	2180.7	2191.3	2190.2	2179.7	2168.1	2148.1	2146.0	2137.6	2120.7
27.5°	2085.0	2109.2	2103.9	2060.7	2017.6	2013.4	1943.9	1906.0	1862.9	1869.2	1845.0
30°	2028.1	1996.5	1921.8	1812.4	1767.1	1693.4	1615.5	1534.5	1502.9	1468.2	1532.4
32.5°	1889.2	1776.6	1644.0	1501.9	1426.1	1360.8	1277.7	1218.8	1185.1	1156.7	1211.4
35°	1679.7	1504.0	1328.2	1193.5	1131.4	1072.5	994.6	965.1	923.0	927.2	932.5
37.5°	1410.3	1216.7	1084.0	951.4	910.4	886.2	829.3	784.1	769.4	765.1	765.1
40°	1157.7	998.8	880.9	776.7	745.2	725.2	679.9	658.8	643.1	638.9	644.1
42.5°	957.8	822.0	730.4	661.0	638.9	613.6	594.6	568.3	565.2	557.8	567.3
45°	804.1	686.2	617.8	567.3	548.3	538.9	517.8	502.0	495.7	494.7	502.0
47.5°	682.0	590.4	530.4	498.9	484.1	474.7	456.8	450.5	444.1	446.2	443.1
50°	572.5	504.1	465.2	436.8	427.3	417.8	406.3	399.9	396.8	396.8	395.7
52.5°	491.5	434.7	409.4	383.1	378.9	373.6	361.0	356.8	351.5	350.5	354.7
55°	421.0	382.0	356.8	341.0	336.8	326.3	321.0	315.7	312.6	310.5	311.5
57.5°	359.9	330.5	313.6	300.0	292.6	288.4	278.9	277.9	275.7	275.7	274.7
60°	309.4	288.4	268.4	260.0	254.7	249.4	248.4	242.1	238.9	241.0	240.0
62.5°	262.1	245.2	233.6	224.2	221.0	216.8	213.7	211.5	208.4	209.4	209.4
65°	218.9	205.2	196.8	188.4	187.3	183.1	182.1	180.0	180.0	178.9	181.0
67.5°	180.0	170.5	163.1	157.9	154.7	155.8	151.6	148.4	148.4	147.3	150.5
70°	143.1	137.9	130.5	124.2	120.0	120.0	114.7	113.7	113.7	113.7	112.6
72.5°	110.5	101.0	97.9	95.8	95.8	95.8	93.7	93.7	92.6	93.7	92.6
75°	82.1	81.0	78.9	77.9	77.9	76.8	75.8	75.8	75.8	75.8	75.8
77.5°	64.2	64.2	62.1	61.0	61.0	61.0	60.0	60.0	58.9	58.9	58.9
80°	47.4	47.4	45.3	45.3	45.3	44.2	44.2	44.2	45.3	44.2	44.2
82.5°	32.6	32.6	31.6	32.6	31.6	30.5	30.5	30.5	29.5	30.5	30.5
85°	18.9	18.9	17.9	16.8	17.9	17.9	16.8	17.9	16.8	17.9	16.8
87.5°	7.4	6.3	6.3	6.3	5.3	6.3	5.3	5.3	6.3	5.3	6.3
90°	18.8	19.4	20.1	20.8	21.1	21.3	21.6	21.9	22.3	22.6	22.3
92.5°	32.2	32.7	33.2	33.7	34.0	33.8	33.5	33.2	32.8	32.5	32.8
95°	56.6	57.2	57.9	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9
97.5°	82.3	83.2	84.0	84.9	85.3	85.2	85.1	84.9	84.8	84.6	84.8
100°	111.5	112.0	112.5	113.0	113.2	113.4	113.7	114.1	114.4	114.8	114.4
102.5°	144.7	145.2	145.7	146.2	146.5	146.4	146.2	146.1	145.9	145.7	145.9
105°	178.2	178.2	178.2	178.2	178.2	178.4	178.7	179.0	179.4	179.7	179.4
107.5°	213.4	213.9	214.4	214.9	215.2	215.1	214.9	214.8	214.6	214.4	214.6
110°	249.1	249.7	250.4	251.1	251.4	251.2	250.9	250.6	250.2	249.9	250.2

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	284.7	285.5	286.4	287.2	287.6	287.6	287.6	287.6	287.6	287.6	287.6
115°	321.8	322.0	322.1	322.3	322.4	322.3	322.1	322.0	321.8	321.6	321.8
117.5°	358.6	358.6	358.6	358.6	358.6	358.3	357.8	357.3	356.8	356.3	356.8
120°	395.4	395.2	395.1	394.9	394.8	394.6	394.3	394.0	393.6	393.3	393.6
122.5°	432.9	432.4	431.9	431.4	431.1	430.8	430.3	429.8	429.3	428.8	429.3
125°	469.6	469.0	468.3	467.6	467.3	467.0	466.3	465.6	465.0	464.3	465.0
127.5°	506.3	505.3	504.3	503.3	502.8	502.5	501.8	501.1	500.5	499.8	500.5
130°	542.1	541.5	540.8	540.1	539.8	539.2	538.0	536.9	535.7	534.5	535.7
132.5°	577.5	576.6	575.8	574.9	574.5	574.1	573.3	572.4	571.6	570.8	571.6
135°	612.3	611.7	611.0	610.3	610.0	609.8	609.5	609.2	608.8	608.5	608.8
137.5°	647.0	646.1	645.3	644.4	644.0	643.7	643.2	642.7	642.2	641.7	642.2
140°	680.0	679.9	679.7	679.6	679.5	678.9	677.7	676.6	675.4	674.2	675.4
142.5°	711.7	711.6	711.4	711.3	711.2	710.8	709.9	709.1	708.2	707.4	708.2
145°	742.7	742.5	742.4	742.2	742.1	741.8	741.1	740.4	739.8	739.1	739.8
147.5°	772.3	772.3	772.3	772.3	772.3	771.8	770.8	769.8	768.8	767.8	768.8
150°	799.5	799.5	799.5	799.5	799.5	799.0	798.0	797.0	796.0	795.0	796.0
152.5°	824.0	824.4	824.7	825.0	825.2	824.8	823.9	823.1	822.2	821.4	822.2
155°	847.8	848.4	849.1	849.8	850.1	849.5	848.3	847.2	846.0	844.8	846.0
157.5°	868.9	869.5	870.2	870.9	871.2	870.7	869.7	868.7	867.7	866.7	867.7
160°	887.9	888.8	889.6	890.5	890.9	890.6	889.9	889.2	888.5	887.8	888.5
162.5°	906.0	906.9	907.7	908.6	909.0	908.4	907.2	906.1	904.9	903.7	904.9
165°	920.6	921.6	922.6	923.6	924.1	923.5	922.3	921.2	920.0	918.8	920.0
167.5°	933.4	934.4	935.4	936.4	936.9	936.4	935.4	934.4	933.4	932.4	933.4
170°	943.4	944.6	945.7	946.9	947.5	946.9	945.7	944.6	943.4	942.2	943.4
172.5°	951.5	952.5	953.5	954.5	955.0	954.4	953.3	952.1	951.0	949.8	951.0
175°	956.8	957.8	958.8	959.8	960.3	959.7	958.5	957.4	956.2	955.0	956.2
177.5°	959.8	960.8	961.8	962.8	963.3	962.7	961.6	960.4	959.3	958.1	959.3
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1327.2	1320.9	1316.6	1313.5	1310.3	1319.8	1307.2	1293.5	1284.0	1277.7	1275.6
5°	1466.1	1452.4	1440.8	1431.4	1433.5	1433.5	1411.4	1387.2	1366.1	1354.5	1341.9
7.5°	1627.1	1612.4	1589.2	1584.0	1579.8	1553.5	1531.4	1487.1	1460.8	1434.5	1411.4
10°	1787.1	1768.2	1746.1	1738.7	1728.2	1695.5	1661.9	1605.0	1572.4	1524.0	1493.5
12.5°	1936.6	1913.4	1891.3	1886.0	1870.2	1841.8	1783.9	1725.0	1669.2	1617.7	1564.0
15°	2061.8	2055.5	2021.8	2000.8	1966.0	1927.1	1914.5	1834.5	1763.9	1710.3	1613.4
17.5°	2167.0	2137.6	2106.0	2092.3	2078.6	2033.4	1988.1	1906.0	1830.3	1751.3	1689.2
20°	2251.2	2218.6	2196.5	2176.5	2170.2	2118.6	2047.1	1974.4	1891.3	1802.9	1721.8
22.5°	2255.5	2251.2	2236.5	2224.9	2212.3	2178.6	2121.8	2031.3	1942.9	1846.0	1739.7
25°	2168.1	2161.8	2203.9	2193.4	2201.8	2189.1	2158.6	2082.8	1979.7	1866.0	1758.7
27.5°	1905.0	1969.2	2035.5	2058.6	2074.4	2119.7	2134.4	2092.3	2009.2	1888.1	1768.2
30°	1547.1	1632.4	1739.7	1797.6	1841.8	1926.0	2035.5	2049.2	2010.2	1913.4	1766.1
32.5°	1214.6	1292.4	1378.7	1447.2	1506.1	1678.7	1826.0	1932.3	1951.3	1900.8	1771.3
35°	978.8	1012.5	1094.6	1159.8	1239.8	1387.2	1560.8	1732.4	1848.1	1854.5	1755.5
37.5°	807.2	825.1	896.7	933.5	980.9	1110.4	1272.4	1496.6	1676.6	1761.8	1711.3
40°	668.3	709.4	750.4	771.5	805.1	894.6	1050.4	1226.1	1449.3	1607.1	1642.9
42.5°	579.9	597.8	624.1	653.6	674.6	752.5	856.7	1017.7	1218.8	1438.7	1537.7
45°	511.5	517.8	545.2	564.1	586.2	641.0	714.6	849.3	1026.2	1243.0	1411.4
47.5°	454.7	467.3	482.0	493.6	508.3	550.4	613.6	711.5	867.2	1060.9	1241.9
50°	404.2	411.5	430.5	435.7	446.2	475.7	524.1	598.9	727.3	882.0	1069.3
52.5°	356.8	370.5	377.8	385.2	394.7	418.9	450.5	511.5	608.3	753.6	912.5
55°	320.0	324.2	334.7	341.0	348.4	365.2	392.6	437.8	513.6	629.4	779.9
57.5°	284.2	284.2	294.7	300.0	307.3	320.0	344.2	378.9	433.6	519.9	657.8
60°	246.3	247.3	255.8	262.1	264.2	276.8	296.8	324.2	366.3	429.4	542.0
62.5°	212.6	217.9	222.1	224.2	231.5	238.9	255.8	274.7	304.2	359.9	439.9
65°	184.2	185.2	188.4	190.5	193.7	202.1	214.7	227.3	252.6	293.6	358.9
67.5°	151.6	155.8	160.0	160.0	163.1	167.3	180.0	190.5	209.4	233.6	277.9
70°	113.7	115.8	122.1	125.2	129.5	136.8	143.1	149.5	164.2	182.1	215.8
72.5°	94.7	94.7	96.8	97.9	97.9	103.1	112.6	118.9	126.3	138.9	162.1
75°	75.8	75.8	78.9	77.9	80.0	82.1	83.1	87.4	91.6	101.0	114.7
77.5°	60.0	61.0	61.0	62.1	62.1	63.1	64.2	66.3	68.4	73.7	80.0
80°	44.2	45.3	45.3	46.3	46.3	47.4	48.4	49.5	51.6	53.7	56.8
82.5°	30.5	31.6	31.6	32.6	31.6	32.6	33.7	33.7	34.7	36.8	37.9
85°	17.9	17.9	18.9	17.9	17.9	17.9	18.9	18.9	20.0	23.2	23.2
87.5°	5.3	6.3	5.3	6.3	6.3	6.3	6.3	7.4	7.4	8.4	9.5
90°	21.9	21.6	21.3	21.1	20.8	20.1	19.4	18.8	18.1	15.9	13.7
92.5°	33.2	33.5	33.8	34.0	33.7	33.2	32.7	32.2	31.7	30.7	29.7
95°	58.9	58.9	58.9	58.9	58.6	57.9	57.2	56.6	55.9	54.5	53.2
97.5°	84.9	85.1	85.2	85.3	84.9	84.0	83.2	82.3	81.5	80.5	79.5
100°	114.1	113.7	113.4	113.2	113.0	112.5	112.0	111.5	111.0	110.2	109.3
102.5°	146.1	146.2	146.4	146.5	146.2	145.7	145.2	144.7	144.2	143.0	141.8
105°	179.0	178.7	178.4	178.2	178.2	178.2	178.2	178.2	178.2	176.7	175.2
107.5°	214.8	214.9	215.1	215.2	214.9	214.4	213.9	213.4	212.9	212.2	211.6
110°	250.6	250.9	251.2	251.4	251.1	250.4	249.7	249.1	248.4	248.1	247.7

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	287.6	287.6	287.6	287.6	287.2	286.4	285.5	284.7	283.9	283.9	283.9
115°	322.0	322.1	322.3	322.4	322.3	322.1	322.0	321.8	321.6	321.9	322.3
117.5°	357.3	357.8	358.3	358.6	358.6	358.6	358.6	358.6	358.6	358.9	359.3
120°	394.0	394.3	394.6	394.8	394.9	395.1	395.2	395.4	395.6	396.4	397.3
122.5°	429.8	430.3	430.8	431.1	431.4	431.9	432.4	432.9	433.4	433.7	434.1
125°	465.6	466.3	467.0	467.3	467.6	468.3	469.0	469.6	470.3	470.7	471.0
127.5°	501.1	501.8	502.5	502.8	503.3	504.3	505.3	506.3	507.3	507.6	508.0
130°	536.9	538.0	539.2	539.8	540.1	540.8	541.5	542.1	542.8	543.3	543.8
132.5°	572.4	573.3	574.1	574.5	574.9	575.8	576.6	577.5	578.3	578.6	579.0
135°	609.2	609.5	609.8	610.0	610.3	611.0	611.7	612.3	613.0	613.2	613.4
137.5°	642.7	643.2	643.7	644.0	644.4	645.3	646.1	647.0	647.8	647.3	646.8
140°	676.6	677.7	678.9	679.5	679.6	679.7	679.9	680.0	680.2	680.0	679.9
142.5°	709.1	709.9	710.8	711.2	711.3	711.4	711.6	711.7	711.9	711.6	711.2
145°	740.4	741.1	741.8	742.1	742.2	742.4	742.5	742.7	742.9	742.4	741.9
147.5°	769.8	770.8	771.8	772.3	772.3	772.3	772.3	772.3	772.3	771.8	771.3
150°	797.0	798.0	799.0	799.5	799.5	799.5	799.5	799.5	799.5	799.2	798.8
152.5°	823.1	823.9	824.8	825.2	825.0	824.7	824.4	824.0	823.7	823.5	823.3
155°	847.2	848.3	849.5	850.1	849.8	849.1	848.4	847.8	847.1	846.9	846.7
157.5°	868.7	869.7	870.7	871.2	870.9	870.2	869.5	868.9	868.2	868.0	867.9
160°	889.2	889.9	890.6	890.9	890.5	889.6	888.8	887.9	887.1	887.1	887.1
162.5°	906.1	907.2	908.4	909.0	908.6	907.7	906.9	906.0	905.2	905.0	904.9
165°	921.2	922.3	923.5	924.1	923.6	922.6	921.6	920.6	919.6	919.6	919.6
167.5°	934.4	935.4	936.4	936.9	936.4	935.4	934.4	933.4	932.4	932.2	932.0
170°	944.6	945.7	946.9	947.5	946.9	945.7	944.6	943.4	942.2	942.2	942.2
172.5°	952.1	953.3	954.4	955.0	954.5	953.5	952.5	951.5	950.5	950.5	950.5
175°	957.4	958.5	959.7	960.3	959.8	958.8	957.8	956.8	955.8	955.8	955.8
177.5°	960.4	961.6	962.7	963.3	962.8	961.8	960.8	959.8	958.8	958.8	958.8
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1272.4	1267.2	1261.9	1261.9	1250.3	1239.8	1234.6	1236.7	1230.3	1221.9	1213.5
5°	1328.2	1307.2	1303.0	1291.4	1275.6	1253.5	1241.9	1231.4	1218.8	1201.9	1186.1
7.5°	1379.8	1352.4	1337.7	1326.1	1295.6	1265.1	1239.8	1223.0	1200.9	1175.6	1156.7
10°	1447.2	1396.6	1380.8	1354.5	1311.4	1268.2	1238.8	1211.4	1180.9	1151.4	1126.1
12.5°	1500.8	1442.9	1413.5	1387.2	1331.4	1276.7	1227.2	1193.5	1156.7	1124.0	1091.4
15°	1561.9	1496.6	1445.0	1413.5	1343.0	1276.7	1220.9	1173.5	1132.5	1092.5	1064.1
17.5°	1591.3	1509.2	1486.1	1440.8	1338.7	1272.4	1204.0	1153.5	1104.0	1057.7	1024.1
20°	1637.7	1541.9	1484.0	1453.5	1363.0	1265.1	1185.1	1127.2	1075.6	1026.2	990.4
22.5°	1640.8	1536.6	1498.7	1440.8	1329.3	1243.0	1168.2	1097.7	1037.7	991.4	954.6
25°	1633.4	1527.1	1474.5	1428.2	1335.6	1230.3	1134.6	1065.1	1006.2	952.5	909.3
27.5°	1630.3	1499.8	1450.3	1404.0	1299.8	1193.5	1114.6	1035.6	968.3	920.9	876.7
30°	1626.1	1470.3	1410.3	1356.6	1260.9	1165.1	1070.4	1002.0	937.8	877.8	833.6
32.5°	1598.7	1430.3	1369.3	1312.4	1209.3	1113.5	1038.8	966.2	896.7	840.9	800.9
35°	1590.3	1393.5	1313.5	1252.4	1151.4	1066.2	987.2	927.2	862.0	806.2	758.8
37.5°	1566.1	1355.6	1269.3	1191.4	1086.2	1005.1	947.2	887.2	824.1	764.1	726.2
40°	1524.0	1311.4	1213.5	1133.5	1025.1	943.0	889.3	845.1	783.0	729.4	683.1
42.5°	1461.9	1266.1	1160.9	1076.7	956.7	879.9	835.7	793.6	740.9	685.2	647.3
45°	1390.3	1206.1	1108.3	1014.6	892.5	817.8	771.5	746.2	697.8	650.4	606.2
47.5°	1292.4	1144.0	1047.2	950.4	826.2	753.6	716.7	691.5	657.8	606.2	570.4
50°	1169.3	1064.1	972.5	886.2	760.9	691.5	654.6	635.7	607.3	570.4	535.7
52.5°	1032.5	971.4	895.7	815.7	694.6	629.4	595.7	581.0	559.9	525.2	495.7
55°	894.6	868.3	816.7	737.8	625.2	571.5	542.0	523.1	507.3	482.0	456.8
57.5°	771.5	758.8	723.0	662.0	567.3	511.5	486.2	473.6	461.0	442.0	416.8
60°	644.1	657.8	621.0	590.4	504.1	455.7	433.6	419.9	413.6	396.8	381.0
62.5°	533.6	546.2	525.2	502.0	441.0	397.8	384.2	371.5	367.3	352.6	336.8
65°	433.6	449.4	433.6	421.0	384.2	348.4	331.5	325.2	321.0	311.5	298.9
67.5°	345.2	361.0	353.6	337.8	326.3	296.8	287.3	281.0	278.9	271.5	261.0
70°	260.0	282.1	284.2	274.7	264.2	250.5	244.2	242.1	236.8	230.5	224.2
72.5°	187.3	212.6	213.7	213.7	207.3	207.3	201.0	197.9	197.9	191.6	184.2
75°	137.9	154.7	156.8	158.9	162.1	165.2	161.0	161.0	160.0	153.7	150.5
77.5°	91.6	106.3	111.6	118.9	123.1	123.1	125.2	127.3	125.2	122.1	120.0
80°	58.9	69.5	75.8	80.0	86.3	89.5	92.6	93.7	91.6	90.5	87.4
82.5°	38.9	42.1	45.3	50.5	57.9	63.1	63.1	62.1	64.2	63.1	62.1
85°	22.1	24.2	25.3	26.3	30.5	35.8	36.8	37.9	40.0	37.9	35.8
87.5°	8.4	9.5	9.5	9.5	11.6	12.6	15.8	20.0	18.9	16.8	16.8
90°	11.6	9.4	8.3	7.5	5.8	4.1	2.5	0.8	2.5	4.1	5.8
92.5°	28.7	27.7	27.2	26.7	25.7	24.6	23.6	22.6	23.6	24.6	25.7
95°	51.8	50.5	49.8	49.2	48.0	46.9	45.7	44.5	45.7	46.9	48.0
97.5°	78.5	77.5	77.0	76.6	75.7	74.9	74.0	73.2	74.0	74.9	75.7
100°	108.5	107.6	107.2	106.7	105.7	104.7	103.7	102.7	103.7	104.7	105.7
102.5°	140.7	139.5	138.9	138.6	138.1	137.6	137.1	136.6	137.1	137.6	138.1
105°	173.7	172.2	171.4	171.2	170.9	170.6	170.2	169.9	170.2	170.6	170.9
107.5°	210.9	210.2	209.9	209.8	209.6	209.5	209.3	209.1	209.3	209.5	209.6
110°	247.4	247.1	246.9	246.7	246.4	246.1	245.7	245.4	245.7	246.1	246.4

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	283.9	283.9	283.9	283.8	283.6	283.5	283.3	283.1	283.3	283.5	283.6
115°	322.6	322.9	323.1	322.9	322.4	321.9	321.4	320.9	321.4	321.9	322.4
117.5°	359.6	359.9	360.1	360.0	359.9	359.7	359.6	359.4	359.6	359.7	359.9
120°	398.1	399.0	399.4	398.9	397.9	396.8	395.8	394.8	395.8	396.8	397.9
122.5°	434.4	434.7	434.9	434.6	433.9	433.2	432.5	431.8	432.5	433.2	433.9
125°	471.4	471.7	471.9	471.6	471.1	470.6	470.1	469.6	470.1	470.6	471.1
127.5°	508.3	508.6	508.8	508.3	507.3	506.3	505.3	504.3	505.3	506.3	507.3
130°	544.3	544.8	545.1	544.4	543.1	541.7	540.4	539.0	540.4	541.7	543.1
132.5°	579.3	579.6	579.8	579.1	577.8	576.5	575.1	573.8	575.1	576.5	577.8
135°	613.5	613.7	613.8	613.3	612.3	611.3	610.3	609.3	610.3	611.3	612.3
137.5°	646.3	645.8	645.5	645.1	644.2	643.4	642.5	641.7	642.5	643.4	644.2
140°	679.7	679.6	679.5	679.1	678.2	677.4	676.5	675.7	676.5	677.4	678.2
142.5°	710.9	710.6	710.4	710.0	709.2	708.3	707.5	706.7	707.5	708.3	709.2
145°	741.4	740.9	740.6	740.4	740.1	739.8	739.4	739.1	739.4	739.8	740.1
147.5°	770.8	770.3	770.1	769.8	769.1	768.4	767.7	767.0	767.7	768.4	769.1
150°	798.5	798.2	798.0	797.8	797.5	797.2	796.8	796.5	796.8	797.2	797.5
152.5°	823.2	823.0	822.9	822.7	822.2	821.7	821.2	820.7	821.2	821.7	822.2
155°	846.6	846.4	846.3	846.3	846.3	846.3	846.3	846.3	846.3	846.3	846.3
157.5°	867.7	867.6	867.5	867.6	867.7	867.9	868.0	868.2	868.0	867.9	867.7
160°	887.1	887.1	887.1	887.3	887.6	887.9	888.3	888.6	888.3	887.9	887.6
162.5°	904.7	904.6	904.5	904.7	905.2	905.7	906.2	906.7	906.2	905.7	905.2
165°	919.6	919.6	919.6	919.8	920.3	920.8	921.3	921.8	921.3	920.8	920.3
167.5°	931.9	931.7	931.6	931.9	932.6	933.3	934.0	934.7	934.0	933.3	932.6
170°	942.2	942.2	942.2	942.5	943.2	943.9	944.5	945.2	944.5	943.9	943.2
172.5°	950.5	950.5	950.5	950.8	951.5	952.2	952.8	953.5	952.8	952.2	951.5
175°	955.8	955.8	955.8	956.1	956.8	957.5	958.1	958.8	958.1	957.5	956.8
177.5°	958.8	958.8	958.8	959.1	959.8	960.5	961.1	961.8	961.1	960.5	959.8
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1213.5	1208.2	1206.1	1200.9	1188.2	1179.8	1170.4	1164.0	1165.1	1159.8	1163.0
5°	1175.6	1174.6	1167.2	1156.7	1138.8	1129.3	1112.5	1104.0	1099.8	1100.9	1094.6
7.5°	1144.0	1134.6	1129.3	1112.5	1095.6	1075.6	1061.9	1054.6	1048.3	1041.9	1037.7
10°	1108.3	1099.8	1091.4	1073.5	1050.4	1031.4	1012.5	1005.1	995.6	991.4	988.3
12.5°	1070.4	1065.1	1054.6	1033.5	1007.2	989.3	967.2	963.0	950.4	942.0	939.9
15°	1035.6	1032.5	1013.5	989.3	963.0	945.1	926.2	913.5	892.5	896.7	889.3
17.5°	998.8	985.1	973.5	940.9	928.3	900.9	878.8	872.5	857.8	848.3	838.8
20°	957.8	949.3	934.6	913.5	883.0	851.5	834.6	824.1	815.7	800.9	796.7
22.5°	918.8	908.3	895.7	868.3	842.0	815.7	792.5	783.0	772.5	762.0	755.7
25°	888.3	872.5	858.8	825.1	798.8	776.7	762.0	746.2	731.5	725.2	723.0
27.5°	840.9	831.5	817.8	786.2	762.0	737.8	724.1	713.6	697.8	690.4	684.1
30°	810.4	791.5	775.7	750.4	726.2	699.9	687.3	674.6	665.2	655.7	648.3
32.5°	769.4	754.6	742.0	716.7	692.5	668.3	654.6	635.7	630.4	623.1	614.6
35°	729.4	719.9	706.2	678.8	652.5	635.7	621.0	603.1	596.8	591.5	584.1
37.5°	691.5	677.8	668.3	642.0	618.9	598.9	587.3	572.5	568.3	562.0	556.8
40°	658.8	645.2	635.7	609.4	585.2	564.1	556.8	542.0	535.7	528.3	525.2
42.5°	622.0	610.4	597.8	578.9	553.6	532.6	517.8	509.4	501.0	497.8	491.5
45°	583.1	572.5	563.1	542.0	515.7	501.0	488.3	476.8	470.5	465.2	461.0
47.5°	549.4	539.9	527.3	504.1	483.1	469.4	456.8	445.2	438.9	432.6	427.3
50°	510.5	505.2	491.5	469.4	449.4	433.6	422.0	411.5	407.3	399.9	391.5
52.5°	475.7	466.2	454.7	436.8	418.9	399.9	384.2	377.8	370.5	366.3	358.9
55°	434.7	428.4	415.7	399.9	381.0	365.2	353.6	345.2	335.7	331.5	322.1
57.5°	399.9	388.4	382.0	362.1	344.2	328.4	320.0	311.5	301.0	294.7	290.5
60°	362.1	351.5	342.1	325.2	312.6	295.7	283.1	275.7	268.4	260.0	255.8
62.5°	325.2	316.8	305.2	291.5	275.7	262.1	252.6	242.1	237.9	229.4	226.3
65°	285.2	278.9	269.4	253.6	241.0	229.4	220.0	211.5	207.3	204.2	202.1
67.5°	249.4	241.0	234.7	221.0	207.3	197.9	192.6	187.3	182.1	178.9	175.8
70°	212.6	206.3	200.0	187.3	177.9	169.4	165.2	161.0	157.9	154.7	151.6
72.5°	174.7	171.6	165.2	156.8	149.5	143.1	140.0	134.7	131.6	126.3	124.2
75°	144.2	138.9	135.8	128.4	122.1	116.8	112.6	106.3	102.1	100.0	98.9
77.5°	113.7	111.6	107.4	101.0	97.9	92.6	86.3	84.2	82.1	82.1	81.0
80°	85.3	82.1	78.9	73.7	70.5	66.3	66.3	66.3	65.3	66.3	65.3
82.5°	57.9	55.8	53.7	50.5	49.5	49.5	50.5	50.5	50.5	50.5	50.5
85°	33.7	33.7	33.7	34.7	33.7	33.7	34.7	35.8	34.7	34.7	33.7
87.5°	15.8	15.8	16.8	16.8	17.9	17.9	17.9	17.9	17.9	17.9	18.9
90°	7.5	8.3	9.4	11.6	13.7	15.9	18.1	18.8	19.4	20.1	20.8
92.5°	26.7	27.2	27.7	28.7	29.7	30.7	31.7	32.2	32.7	33.2	33.7
95°	49.2	49.8	50.5	51.8	53.2	54.5	55.9	56.6	57.2	57.9	58.6
97.5°	76.6	77.0	77.5	78.5	79.5	80.5	81.5	82.3	83.2	84.0	84.9
100°	106.7	107.2	107.6	108.5	109.3	110.2	111.0	111.5	112.0	112.5	113.0
102.5°	138.6	138.9	139.5	140.7	141.8	143.0	144.2	144.7	145.2	145.7	146.2
105°	171.2	171.4	172.2	173.7	175.2	176.7	178.2	178.2	178.2	178.2	178.2
107.5°	209.8	209.9	210.2	210.9	211.6	212.2	212.9	213.4	213.9	214.4	214.9
110°	246.7	246.9	247.1	247.4	247.7	248.1	248.4	249.1	249.7	250.4	251.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	283.8	283.9	283.9	283.9	283.9	283.9	283.9	284.7	285.5	286.4	287.2
115°	322.9	323.1	322.9	322.6	322.3	321.9	321.6	321.8	322.0	322.1	322.3
117.5°	360.0	360.1	359.9	359.6	359.3	358.9	358.6	358.6	358.6	358.6	358.6
120°	398.9	399.4	399.0	398.1	397.3	396.4	395.6	395.4	395.2	395.1	394.9
122.5°	434.6	434.9	434.7	434.4	434.1	433.7	433.4	432.9	432.4	431.9	431.4
125°	471.6	471.9	471.7	471.4	471.0	470.7	470.3	469.6	469.0	468.3	467.6
127.5°	508.3	508.8	508.6	508.3	508.0	507.6	507.3	506.3	505.3	504.3	503.3
130°	544.4	545.1	544.8	544.3	543.8	543.3	542.8	542.1	541.5	540.8	540.1
132.5°	579.1	579.8	579.6	579.3	579.0	578.6	578.3	577.5	576.6	575.8	574.9
135°	613.3	613.8	613.7	613.5	613.4	613.2	613.0	612.3	611.7	611.0	610.3
137.5°	645.1	645.5	645.8	646.3	646.8	647.3	647.8	647.0	646.1	645.3	644.4
140°	679.1	679.5	679.6	679.7	679.9	680.0	680.2	680.0	679.9	679.7	679.6
142.5°	710.0	710.4	710.6	710.9	711.2	711.6	711.9	711.7	711.6	711.4	711.3
145°	740.4	740.6	740.9	741.4	741.9	742.4	742.9	742.7	742.5	742.4	742.2
147.5°	769.8	770.1	770.3	770.8	771.3	771.8	772.3	772.3	772.3	772.3	772.3
150°	797.8	798.0	798.2	798.5	798.8	799.2	799.5	799.5	799.5	799.5	799.5
152.5°	822.7	822.9	823.0	823.2	823.3	823.5	823.7	824.0	824.4	824.7	825.0
155°	846.3	846.3	846.4	846.6	846.7	846.9	847.1	847.8	848.4	849.1	849.8
157.5°	867.6	867.5	867.6	867.7	867.9	868.0	868.2	868.9	869.5	870.2	870.9
160°	887.3	887.1	887.1	887.1	887.1	887.1	887.1	887.9	888.8	889.6	890.5
162.5°	904.7	904.5	904.6	904.7	904.9	905.0	905.2	906.0	906.9	907.7	908.6
165°	919.8	919.6	919.6	919.6	919.6	919.6	919.6	920.6	921.6	922.6	923.6
167.5°	931.9	931.6	931.7	931.9	932.0	932.2	932.4	933.4	934.4	935.4	936.4
170°	942.5	942.2	942.2	942.2	942.2	942.2	942.2	943.4	944.6	945.7	946.9
172.5°	950.8	950.5	950.5	950.5	950.5	950.5	950.5	951.5	952.5	953.5	954.5
175°	956.1	955.8	955.8	955.8	955.8	955.8	955.8	956.8	957.8	958.8	959.8
177.5°	959.1	958.8	958.8	958.8	958.8	958.8	958.8	959.8	960.8	961.8	962.8
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1161.9	1163.0	1159.8	1153.5	1152.5	1154.6	1160.9	1158.8	1153.5	1163.0	1154.6
5°	1097.7	1092.5	1090.4	1092.5	1086.2	1083.0	1089.3	1086.2	1089.3	1090.4	1093.5
7.5°	1035.6	1036.7	1030.4	1031.4	1023.0	1025.1	1025.1	1025.1	1028.3	1030.4	1034.6
10°	982.0	984.1	976.7	977.7	971.4	967.2	970.4	976.7	976.7	976.7	978.8
12.5°	938.8	929.3	924.1	923.0	915.7	913.5	919.9	922.0	927.2	927.2	930.4
15°	885.1	883.0	878.8	878.8	860.9	865.1	867.2	874.6	885.1	876.7	878.8
17.5°	836.7	831.5	826.2	824.1	822.0	815.7	824.1	823.0	829.3	830.4	833.6
20°	793.6	789.4	778.8	779.9	782.0	772.5	777.8	777.8	784.1	790.4	797.8
22.5°	751.5	747.3	742.0	744.1	737.8	735.7	735.7	740.9	748.3	753.6	752.5
25°	718.8	711.5	708.3	705.2	702.0	704.1	700.9	706.2	711.5	714.6	711.5
27.5°	682.0	678.8	672.5	669.4	664.1	666.2	668.3	672.5	675.7	675.7	678.8
30°	646.2	642.0	639.9	636.7	636.7	632.5	633.6	637.8	641.0	644.1	648.3
32.5°	611.5	608.3	605.2	605.2	603.1	602.0	601.0	607.3	607.3	613.6	613.6
35°	583.1	577.8	577.8	572.5	574.7	573.6	571.5	575.7	576.8	581.0	579.9
37.5°	551.5	551.5	549.4	544.1	539.9	541.0	546.2	546.2	549.4	548.3	551.5
40°	519.9	517.8	517.8	514.7	513.6	512.6	513.6	514.7	519.9	518.9	519.9
42.5°	488.3	489.4	484.1	484.1	484.1	481.0	482.0	483.1	485.2	487.3	490.5
45°	457.8	455.7	454.7	452.6	450.5	451.5	450.5	454.7	453.6	455.7	458.9
47.5°	425.2	422.0	421.0	416.8	416.8	418.9	417.8	421.0	422.0	425.2	423.1
50°	393.6	389.4	386.3	387.3	381.0	383.1	383.1	386.3	389.4	390.5	392.6
52.5°	356.8	355.7	354.7	349.4	348.4	347.3	348.4	349.4	353.6	356.8	357.8
55°	321.0	320.0	313.6	311.5	308.4	308.4	310.5	311.5	318.9	320.0	324.2
57.5°	288.4	285.2	277.9	276.8	276.8	276.8	273.6	277.9	280.0	285.2	285.2
60°	252.6	252.6	246.3	246.3	247.3	246.3	246.3	247.3	247.3	251.5	253.6
62.5°	224.2	223.1	223.1	221.0	220.0	221.0	220.0	220.0	221.0	224.2	227.3
65°	198.9	197.9	196.8	195.8	193.7	193.7	194.7	196.8	196.8	198.9	200.0
67.5°	174.7	174.7	172.6	172.6	171.6	170.5	171.6	170.5	174.7	174.7	175.8
70°	150.5	149.5	146.3	145.2	142.1	143.1	143.1	146.3	147.3	149.5	151.6
72.5°	121.0	121.0	118.9	116.8	117.9	115.8	115.8	116.8	116.8	120.0	121.0
75°	100.0	97.9	96.8	97.9	96.8	98.9	96.8	96.8	98.9	98.9	98.9
77.5°	82.1	82.1	81.0	81.0	82.1	81.0	82.1	82.1	82.1	81.0	82.1
80°	67.4	66.3	66.3	66.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
82.5°	50.5	50.5	49.5	50.5	50.5	49.5	50.5	49.5	49.5	50.5	50.5
85°	33.7	35.8	33.7	33.7	34.7	34.7	35.8	34.7	35.8	33.7	34.7
87.5°	17.9	18.9	18.9	17.9	17.9	18.9	18.9	18.9	20.0	17.9	18.9
90°	21.1	21.3	21.6	21.9	22.3	22.6	22.3	21.9	21.6	21.3	21.1
92.5°	34.0	33.8	33.5	33.2	32.8	32.5	32.8	33.2	33.5	33.8	34.0
95°	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
97.5°	85.3	85.2	85.1	84.9	84.8	84.6	84.8	84.9	85.1	85.2	85.3
100°	113.2	113.4	113.7	114.1	114.4	114.8	114.4	114.1	113.7	113.4	113.2
102.5°	146.5	146.4	146.2	146.1	145.9	145.7	145.9	146.1	146.2	146.4	146.5
105°	178.2	178.4	178.7	179.0	179.4	179.7	179.4	179.0	178.7	178.4	178.2
107.5°	215.2	215.1	214.9	214.8	214.6	214.4	214.6	214.8	214.9	215.1	215.2
110°	251.4	251.2	250.9	250.6	250.2	249.9	250.2	250.6	250.9	251.2	251.4

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	287.6	287.6	287.6	287.6	287.6	287.6	287.6	287.6	287.6	287.6	287.6
115°	322.4	322.3	322.1	322.0	321.8	321.6	321.8	322.0	322.1	322.3	322.4
117.5°	358.6	358.3	357.8	357.3	356.8	356.3	356.8	357.3	357.8	358.3	358.6
120°	394.8	394.6	394.3	394.0	393.6	393.3	393.6	394.0	394.3	394.6	394.8
122.5°	431.1	430.8	430.3	429.8	429.3	428.8	429.3	429.8	430.3	430.8	431.1
125°	467.3	467.0	466.3	465.6	465.0	464.3	465.0	465.6	466.3	467.0	467.3
127.5°	502.8	502.5	501.8	501.1	500.5	499.8	500.5	501.1	501.8	502.5	502.8
130°	539.8	539.2	538.0	536.9	535.7	534.5	535.7	536.9	538.0	539.2	539.8
132.5°	574.5	574.1	573.3	572.4	571.6	570.8	571.6	572.4	573.3	574.1	574.5
135°	610.0	609.8	609.5	609.2	608.8	608.5	608.8	609.2	609.5	609.8	610.0
137.5°	644.0	643.7	643.2	642.7	642.2	641.7	642.2	642.7	643.2	643.7	644.0
140°	679.5	678.9	677.7	676.6	675.4	674.2	675.4	676.6	677.7	678.9	679.5
142.5°	711.2	710.8	709.9	709.1	708.2	707.4	708.2	709.1	709.9	710.8	711.2
145°	742.1	741.8	741.1	740.4	739.8	739.1	739.8	740.4	741.1	741.8	742.1
147.5°	772.3	771.8	770.8	769.8	768.8	767.8	768.8	769.8	770.8	771.8	772.3
150°	799.5	799.0	798.0	797.0	796.0	795.0	796.0	797.0	798.0	799.0	799.5
152.5°	825.2	824.8	823.9	823.1	822.2	821.4	822.2	823.1	823.9	824.8	825.2
155°	850.1	849.5	848.3	847.2	846.0	844.8	846.0	847.2	848.3	849.5	850.1
157.5°	871.2	870.7	869.7	868.7	867.7	866.7	867.7	868.7	869.7	870.7	871.2
160°	890.9	890.6	889.9	889.2	888.5	887.8	888.5	889.2	889.9	890.6	890.9
162.5°	909.0	908.4	907.2	906.1	904.9	903.7	904.9	906.1	907.2	908.4	909.0
165°	924.1	923.5	922.3	921.2	920.0	918.8	920.0	921.2	922.3	923.5	924.1
167.5°	936.9	936.4	935.4	934.4	933.4	932.4	933.4	934.4	935.4	936.4	936.9
170°	947.5	946.9	945.7	944.6	943.4	942.2	943.4	944.6	945.7	946.9	947.5
172.5°	955.0	954.4	953.3	952.1	951.0	949.8	951.0	952.1	953.3	954.4	955.0
175°	960.3	959.7	958.5	957.4	956.2	955.0	956.2	957.4	958.5	959.7	960.3
177.5°	963.3	962.7	961.6	960.4	959.3	958.1	959.3	960.4	961.6	962.7	963.3
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3	1229.3
2.5°	1163.0	1167.2	1163.0	1154.6	1163.0	1168.2	1173.5	1181.9	1186.1	1186.1	1192.5
5°	1096.7	1105.1	1101.9	1099.8	1108.3	1113.5	1121.9	1132.5	1144.0	1151.4	1159.8
7.5°	1037.7	1043.0	1048.3	1048.3	1056.7	1068.3	1080.9	1093.5	1108.3	1118.8	1125.1
10°	986.2	990.4	993.5	997.7	1010.4	1023.0	1039.8	1055.6	1068.3	1079.8	1090.4
12.5°	936.7	943.0	950.4	953.5	963.0	978.8	994.6	1013.5	1033.5	1045.1	1055.6
15°	889.3	892.5	900.9	910.4	918.8	935.6	955.6	975.6	992.5	1010.4	1019.8
17.5°	840.9	842.0	864.1	858.8	886.2	902.0	912.5	931.4	958.8	973.5	988.3
20°	793.6	804.1	813.6	818.8	833.6	851.5	882.0	896.7	918.8	932.5	945.1
22.5°	756.7	772.5	772.5	785.1	792.5	809.4	831.5	859.9	884.1	893.6	911.4
25°	724.1	731.5	744.1	748.3	762.0	776.7	791.5	822.0	848.3	860.9	873.6
27.5°	682.0	691.5	708.3	708.3	726.2	742.0	759.9	779.9	806.2	824.1	837.8
30°	649.4	658.8	666.2	677.8	685.2	699.9	731.5	746.2	769.4	785.1	802.0
32.5°	618.9	626.2	632.5	645.2	653.6	670.4	687.3	713.6	733.6	748.3	766.2
35°	585.2	592.5	601.0	610.4	623.1	638.9	654.6	676.7	696.7	710.4	725.2
37.5°	553.6	558.9	571.5	577.8	588.3	603.1	623.1	646.2	664.1	674.6	689.4
40°	523.1	527.3	536.8	548.3	555.7	567.3	588.3	608.3	630.4	643.1	654.6
42.5°	490.5	495.7	504.1	515.7	527.3	539.9	551.5	574.7	594.6	605.2	617.8
45°	462.0	465.2	471.5	483.1	494.7	504.1	522.0	543.1	562.0	570.4	584.1
47.5°	428.4	431.5	441.0	446.2	458.9	471.5	489.4	510.5	527.3	535.7	548.3
50°	393.6	396.8	403.1	414.7	423.1	436.8	452.6	470.5	491.5	503.1	510.5
52.5°	359.9	366.3	371.5	381.0	391.5	405.2	419.9	436.8	454.7	466.2	474.7
55°	326.3	331.5	337.8	343.1	355.7	368.4	385.2	401.0	416.8	427.3	436.8
57.5°	288.4	295.7	302.1	312.6	322.1	332.6	351.5	364.2	383.1	390.5	398.9
60°	255.8	263.1	268.4	276.8	285.2	298.9	311.5	327.3	343.1	352.6	363.1
62.5°	228.4	231.5	234.7	243.1	251.5	264.2	276.8	292.6	309.4	314.7	323.1
65°	201.0	204.2	209.4	216.8	223.1	230.5	244.2	256.8	272.6	281.0	284.2
67.5°	177.9	181.0	182.1	187.3	192.6	201.0	208.4	221.0	235.8	241.0	247.3
70°	151.6	156.8	157.9	162.1	164.2	169.4	177.9	187.3	198.9	208.4	213.7
72.5°	121.0	128.4	130.5	136.8	140.0	145.2	151.6	158.9	166.3	170.5	174.7
75°	98.9	101.0	102.1	107.4	112.6	120.0	123.1	127.3	133.7	138.9	143.1
77.5°	82.1	83.1	84.2	84.2	85.3	89.5	95.8	101.0	105.2	107.4	110.5
80°	66.3	65.3	65.3	66.3	66.3	66.3	68.4	75.8	77.9	83.1	82.1
82.5°	51.6	49.5	50.5	49.5	49.5	49.5	49.5	50.5	50.5	53.7	55.8
85°	33.7	34.7	33.7	33.7	32.6	33.7	32.6	32.6	31.6	31.6	30.5
87.5°	17.9	18.9	17.9	17.9	16.8	17.9	16.8	16.8	15.8	15.8	13.7
90°	20.8	20.1	19.4	18.8	18.1	15.9	13.7	11.6	9.4	8.3	7.5
92.5°	33.7	33.2	32.7	32.2	31.7	30.7	29.7	28.7	27.7	27.2	26.7
95°	58.6	57.9	57.2	56.6	55.9	54.5	53.2	51.8	50.5	49.8	49.2
97.5°	84.9	84.0	83.2	82.3	81.5	80.5	79.5	78.5	77.5	77.0	76.6
100°	113.0	112.5	112.0	111.5	111.0	110.2	109.3	108.5	107.6	107.2	106.7
102.5°	146.2	145.7	145.2	144.7	144.2	143.0	141.8	140.7	139.5	138.9	138.6
105°	178.2	178.2	178.2	178.2	178.2	176.7	175.2	173.7	172.2	171.4	171.2
107.5°	214.9	214.4	213.9	213.4	212.9	212.2	211.6	210.9	210.2	209.9	209.8
110°	251.1	250.4	249.7	249.1	248.4	248.1	247.7	247.4	247.1	246.9	246.7

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	287.2	286.4	285.5	284.7	283.9	283.9	283.9	283.9	283.9	283.9	283.8
115°	322.3	322.1	322.0	321.8	321.6	321.9	322.3	322.6	322.9	323.1	322.9
117.5°	358.6	358.6	358.6	358.6	358.6	358.9	359.3	359.6	359.9	360.1	360.0
120°	394.9	395.1	395.2	395.4	395.6	396.4	397.3	398.1	399.0	399.4	398.9
122.5°	431.4	431.9	432.4	432.9	433.4	433.7	434.1	434.4	434.7	434.9	434.6
125°	467.6	468.3	469.0	469.6	470.3	470.7	471.0	471.4	471.7	471.9	471.6
127.5°	503.3	504.3	505.3	506.3	507.3	507.6	508.0	508.3	508.6	508.8	508.3
130°	540.1	540.8	541.5	542.1	542.8	543.3	543.8	544.3	544.8	545.1	544.4
132.5°	574.9	575.8	576.6	577.5	578.3	578.6	579.0	579.3	579.6	579.8	579.1
135°	610.3	611.0	611.7	612.3	613.0	613.2	613.4	613.5	613.7	613.8	613.3
137.5°	644.4	645.3	646.1	647.0	647.8	647.3	646.8	646.3	645.8	645.5	645.1
140°	679.6	679.7	679.9	680.0	680.2	680.0	679.9	679.7	679.6	679.5	679.1
142.5°	711.3	711.4	711.6	711.7	711.9	711.6	711.2	710.9	710.6	710.4	710.0
145°	742.2	742.4	742.5	742.7	742.9	742.4	741.9	741.4	740.9	740.6	740.4
147.5°	772.3	772.3	772.3	772.3	772.3	771.8	771.3	770.8	770.3	770.1	769.8
150°	799.5	799.5	799.5	799.5	799.5	799.2	798.8	798.5	798.2	798.0	797.8
152.5°	825.0	824.7	824.4	824.0	823.7	823.5	823.3	823.2	823.0	822.9	822.7
155°	849.8	849.1	848.4	847.8	847.1	846.9	846.7	846.6	846.4	846.3	846.3
157.5°	870.9	870.2	869.5	868.9	868.2	868.0	867.9	867.7	867.6	867.5	867.6
160°	890.5	889.6	888.8	887.9	887.1	887.1	887.1	887.1	887.1	887.1	887.3
162.5°	908.6	907.7	906.9	906.0	905.2	905.0	904.9	904.7	904.6	904.5	904.7
165°	923.6	922.6	921.6	920.6	919.6	919.6	919.6	919.6	919.6	919.6	919.8
167.5°	936.4	935.4	934.4	933.4	932.4	932.2	932.0	931.9	931.7	931.6	931.9
170°	946.9	945.7	944.6	943.4	942.2	942.2	942.2	942.2	942.2	942.2	942.5
172.5°	954.5	953.5	952.5	951.5	950.5	950.5	950.5	950.5	950.5	950.5	950.8
175°	959.8	958.8	957.8	956.8	955.8	955.8	955.8	955.8	955.8	955.8	956.1
177.5°	962.8	961.8	960.8	959.8	958.8	958.8	958.8	958.8	958.8	958.8	959.1
180°	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1	961.1

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1229.3	1229.3	1229.3	1229.3
2.5°	1197.7	1205.1	1219.8	1232.4
5°	1172.5	1184.0	1206.1	1228.2
7.5°	1141.9	1159.8	1188.2	1218.8
10°	1112.5	1135.6	1170.4	1206.1
12.5°	1083.0	1107.2	1144.0	1190.3
15°	1048.3	1073.5	1117.7	1173.5
17.5°	1017.7	1051.4	1091.4	1147.2
20°	985.1	1010.4	1061.9	1120.9
22.5°	944.1	986.2	1034.6	1096.7
25°	911.4	948.3	996.7	1067.2
27.5°	871.4	914.6	973.5	1035.6
30°	838.8	874.6	929.3	1004.1
32.5°	800.9	843.0	899.9	973.5
35°	767.3	803.0	856.7	931.4
37.5°	727.3	766.2	826.2	892.5
40°	692.5	730.4	787.3	849.3
42.5°	650.4	690.4	747.3	799.9
45°	616.7	653.6	698.8	747.3
47.5°	575.7	614.6	658.8	692.5
50°	538.9	574.7	609.4	637.8
52.5°	498.9	531.5	563.1	584.1
55°	462.0	487.3	512.6	527.3
57.5°	418.9	443.1	464.1	472.6
60°	381.0	401.0	414.7	424.1
62.5°	341.0	355.7	366.3	371.5
65°	302.1	312.6	317.8	323.1
67.5°	262.1	271.5	274.7	281.0
70°	220.0	230.5	232.6	235.8
72.5°	188.4	188.4	192.6	196.8
75°	150.5	152.6	154.7	154.7
77.5°	117.9	117.9	120.0	121.0
80°	86.3	87.4	87.4	86.3
82.5°	58.9	61.0	58.9	57.9
85°	32.6	36.8	34.7	34.7
87.5°	13.7	13.7	15.8	13.7
90°	5.8	4.1	2.5	0.8
92.5°	25.7	24.6	23.6	22.6
95°	48.0	46.9	45.7	44.5
97.5°	75.7	74.9	74.0	73.2
100°	105.7	104.7	103.7	102.7
102.5°	138.1	137.6	137.1	136.6
105°	170.9	170.6	170.2	169.9
107.5°	209.6	209.5	209.3	209.1
110°	246.4	246.1	245.7	245.4

TEST NUMBER: P1032449

CATALOG NUMBER: S123RDIW-B775D755UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	283.6	283.5	283.3	283.1
115°	322.4	321.9	321.4	320.9
117.5°	359.9	359.7	359.6	359.4
120°	397.9	396.8	395.8	394.8
122.5°	433.9	433.2	432.5	431.8
125°	471.1	470.6	470.1	469.6
127.5°	507.3	506.3	505.3	504.3
130°	543.1	541.7	540.4	539.0
132.5°	577.8	576.5	575.1	573.8
135°	612.3	611.3	610.3	609.3
137.5°	644.2	643.4	642.5	641.7
140°	678.2	677.4	676.5	675.7
142.5°	709.2	708.3	707.5	706.7
145°	740.1	739.8	739.4	739.1
147.5°	769.1	768.4	767.7	767.0
150°	797.5	797.2	796.8	796.5
152.5°	822.2	821.7	821.2	820.7
155°	846.3	846.3	846.3	846.3
157.5°	867.7	867.9	868.0	868.2
160°	887.6	887.9	888.3	888.6
162.5°	905.2	905.7	906.2	906.7
165°	920.3	920.8	921.3	921.8
167.5°	932.6	933.3	934.0	934.7
170°	943.2	943.9	944.5	945.2
172.5°	951.5	952.2	952.8	953.5
175°	956.8	957.5	958.1	958.8
177.5°	959.8	960.5	961.1	961.8
180°	961.1	961.1	961.1	961.1

(END OF REPORT)