

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: P1033083

Luminaire Tested: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033083
REPORT IS A COMBINATION OF REPORTS P1000887 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K
Description: Define 4 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

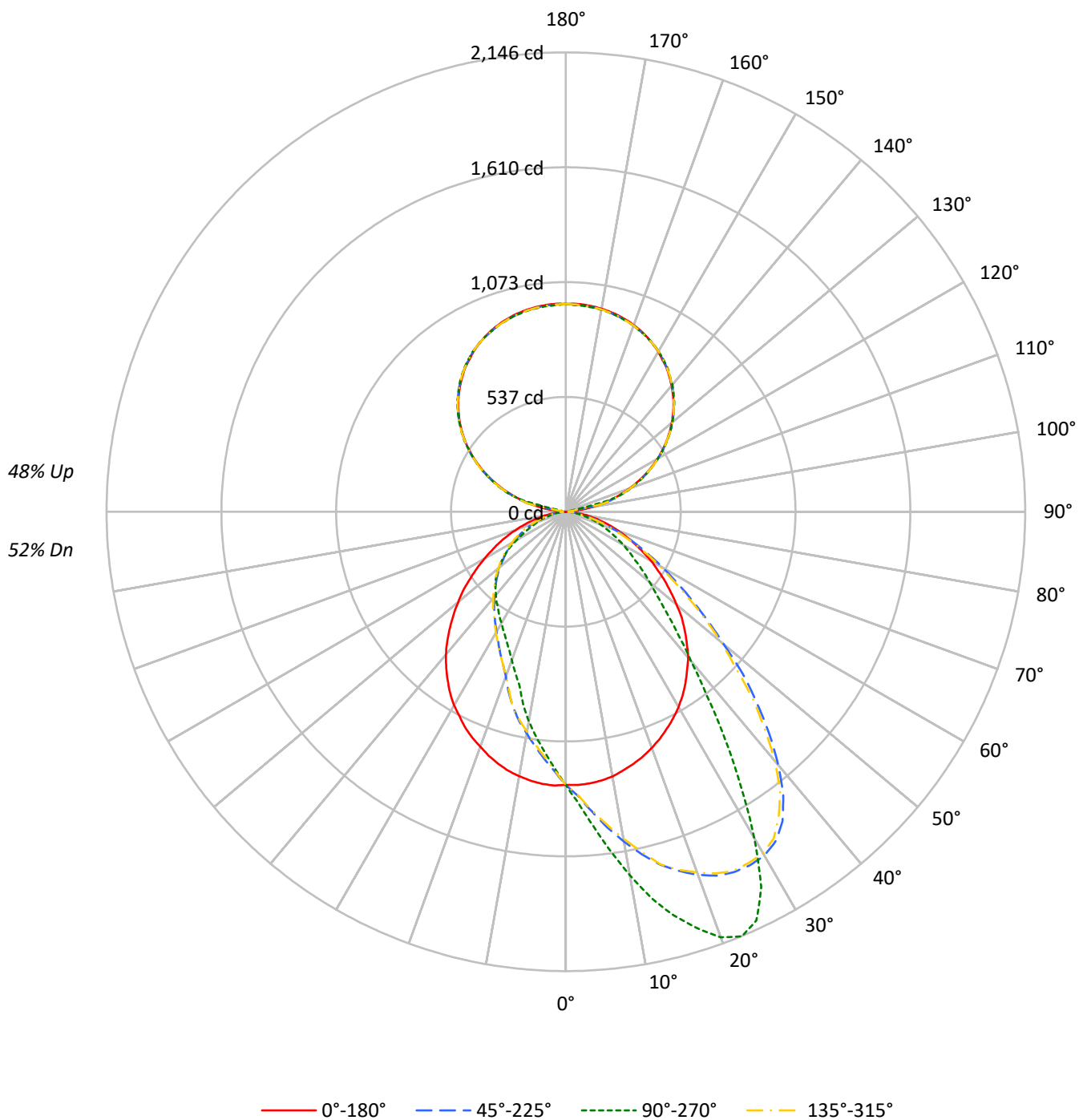
Lumens per Lamp: N/A
Luminaire Lumens: 6231.0 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	108	108	108	108	99	99	99	99	84	84	84	70	70	70	58	58	58	52	52	52
1	99	95	91	87	91	88	84	82	75	72	70	63	61	60	52	51	50	45	45	45
2	90	83	77	72	83	77	72	68	66	62	59	56	53	51	46	44	43	38	38	38
3	83	73	66	61	76	68	62	57	59	54	50	50	46	43	41	39	37	33	33	33
4	76	65	58	52	70	61	54	49	52	47	43	44	41	37	37	34	32	29	29	29
5	70	58	50	45	64	54	47	42	47	42	37	40	36	33	34	31	28	25	25	25
6	64	52	45	39	59	49	42	37	43	37	33	36	32	29	31	27	25	22	22	22
7	60	48	40	34	55	44	37	32	39	33	29	33	29	26	28	25	22	20	20	20
8	55	43	36	30	51	40	34	29	35	30	26	30	26	23	26	23	20	18	18	18
9	52	40	32	27	48	37	30	26	32	27	23	28	24	21	24	21	18	16	16	16
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	22	19	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10403	10403	10403	10403
5°	10403	11756	10420	8985
10°	10348	13551	10340	7814
15°	10224	15251	10224	6542
20°	10096	16536	10043	5761
25°	9939	16606	9893	5203
30°	9771	14121	9695	4820
35°	9535	10655	9414	4533
40°	9271	7721	9090	4310
45°	8836	5869	8617	4113
50°	8320	4743	8092	3823
55°	7761	3927	7507	3437
60°	7200	3321	6878	2859
65°	6496	2705	6289	2272
70°	5847	2194	5573	1846
75°	5124	1581	4769	1353
80°	4228	1049	3846	995
85°	3064	539	2547	539

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13024 cd/sqm

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.5	2.0
10°-20°	373.1	6.0
20°-30°	584.4	9.4
30°-40°	648.9	10.4
40°-50°	575.0	9.2
50°-60°	448.1	7.2
60°-70°	293.1	4.7
70°-80°	143.8	2.3
80°-90°	37.0	0.6
90°-100°	32.2	0.5
100°-110°	212.2	3.4
110°-120°	405.3	6.5
120°-130°	514.5	8.3
130°-140°	550.4	8.8
140°-150°	514.6	8.3
150°-160°	415.0	6.7
160°-170°	267.6	4.3
170°-180°	92.2	1.5
0°-30°	1081.0	17.3
0°-40°	1729.9	27.8
0°-60°	2753.0	44.2
0°-90°	3227.0	51.8
90°-120°	649.7	10.4
90°-150°	2229.1	35.8
90°-180°	3004.0	48.2
0°-180°	6231.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1276	1276	1276	1276	1276	
5°	1274	1474	1276	1127	1274	121
15°	1219	1953	1219	838	1219	344
25°	1118	2106	1112	660	1118	515
35°	975	1297	962	552	975	609
45°	785	663	766	465	785	606
55°	565	396	547	346	565	506
65°	355	231	343	194	355	354
75°	178	107	166	92	178	189
85°	42	26	35	26	42	48
90°	2	22	2	22	2	5
95°	40	21	40	21	40	49
105°	219	207	219	207	219	229
115°	408	411	408	411	408	402
125°	574	578	574	578	574	512
135°	712	717	712	717	712	548
145°	820	825	820	825	820	513
155°	900	899	900	899	900	415
165°	949	945	949	945	949	268
175°	971	965	971	965	971	92
180°	971	971	971	971	971	

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1277.8	1289.1	1295.3	1300.4	1310.7	1314.8	1323.1	1325.1	1333.3	1332.3	1329.2
5°	1273.7	1293.2	1307.6	1323.1	1341.6	1351.8	1363.2	1379.6	1387.8	1399.1	1406.3
7.5°	1266.5	1293.2	1316.9	1340.5	1370.3	1386.8	1401.2	1426.9	1448.5	1467.0	1487.5
10°	1255.2	1289.1	1324.1	1356.0	1397.1	1416.6	1438.2	1476.2	1506.0	1531.7	1564.6
12.5°	1237.7	1285.0	1324.1	1367.3	1419.7	1446.4	1475.2	1520.4	1555.4	1597.5	1638.7
15°	1219.2	1271.7	1323.1	1379.6	1439.2	1470.1	1498.9	1559.5	1613.0	1661.3	1706.5
17.5°	1198.7	1256.2	1312.8	1375.5	1447.5	1485.5	1519.4	1592.4	1651.0	1713.7	1758.9
20°	1174.0	1236.7	1301.5	1371.4	1452.6	1494.7	1532.8	1616.0	1680.8	1748.7	1805.2
22.5°	1147.3	1215.1	1286.1	1362.1	1446.4	1492.7	1536.9	1626.3	1701.4	1764.1	1840.2
25°	1117.5	1189.4	1262.4	1342.6	1437.2	1487.5	1532.8	1621.2	1701.4	1783.6	1857.6
27.5°	1086.6	1160.6	1236.7	1321.0	1417.6	1467.0	1518.4	1603.7	1697.3	1786.7	1861.7
30°	1052.7	1124.7	1204.8	1285.0	1387.8	1437.2	1489.6	1582.1	1683.9	1773.3	1854.5
32.5°	1015.7	1089.7	1165.8	1249.0	1349.8	1403.2	1451.6	1556.4	1660.3	1748.7	1824.7
35°	974.6	1044.5	1116.4	1201.8	1301.5	1349.8	1407.4	1516.3	1621.2	1714.7	1764.1
37.5°	930.4	997.2	1064.0	1148.3	1243.9	1302.5	1359.0	1469.0	1580.1	1642.8	1668.5
40°	889.2	947.8	1006.4	1087.6	1184.3	1244.9	1302.5	1416.6	1514.3	1562.6	1543.1
42.5°	836.8	897.5	949.9	1024.9	1122.6	1179.1	1237.7	1356.0	1435.1	1454.6	1406.3
45°	785.4	835.8	886.2	959.1	1061.9	1110.3	1173.0	1283.0	1348.8	1331.3	1260.4
47.5°	735.0	776.2	823.4	894.4	986.9	1044.5	1103.1	1198.7	1244.9	1220.3	1121.6
50°	675.4	716.5	765.9	827.6	917.0	972.5	1018.8	1107.2	1142.1	1081.5	962.2
52.5°	618.9	654.8	697.0	754.6	839.9	890.3	940.6	1016.7	1028.0	958.1	832.7
55°	565.4	594.2	638.4	684.7	762.8	816.2	851.2	916.0	912.9	825.5	717.6
57.5°	509.9	536.6	566.4	614.8	688.8	728.9	766.9	823.4	793.6	719.6	612.7
60°	460.6	476.0	505.8	552.0	614.8	649.7	679.5	710.4	684.7	604.5	522.2
62.5°	406.1	423.5	445.1	482.1	537.7	570.6	592.1	605.5	578.8	517.1	442.0
65°	354.7	370.1	392.7	425.6	467.7	492.4	503.7	513.0	498.6	428.7	369.1
67.5°	308.4	318.7	339.2	360.8	406.1	412.2	427.7	431.8	403.0	349.5	302.2
70°	262.1	272.4	281.7	307.4	327.9	339.2	342.3	342.3	313.5	278.6	239.5
72.5°	219.0	225.1	234.4	251.9	263.2	271.4	275.5	270.4	243.6	214.9	186.1
75°	177.8	180.9	189.2	200.5	209.7	206.6	205.6	199.4	179.9	159.3	142.9
77.5°	136.7	138.8	148.0	151.1	151.1	154.2	150.1	143.9	127.5	112.1	104.9
80°	102.8	105.9	106.9	109.0	106.9	106.9	103.8	93.5	85.3	78.1	73.0
82.5°	70.9	73.0	74.0	70.9	73.0	69.9	64.8	57.6	52.4	51.4	49.3
85°	42.1	43.2	42.1	42.1	39.1	38.0	33.9	32.9	30.8	30.8	29.8
87.5°	20.6	19.5	17.5	15.4	15.4	14.4	15.4	13.4	15.4	14.4	13.4
90°	2.2	4.0	5.8	7.5	9.3	10.2	10.8	12.1	13.4	14.7	16.0
92.5°	10.9	10.6	10.2	9.9	9.6	9.4	10.0	11.3	12.6	13.9	15.2
95°	39.9	34.4	28.9	23.4	17.9	15.2	15.3	15.5	15.6	15.8	16.0
97.5°	76.2	79.8	83.3	86.9	90.4	92.2	83.7	66.8	49.9	32.9	16.0
100°	119.1	122.0	124.9	127.8	130.7	132.2	121.1	98.8	76.5	54.2	31.9
102.5°	167.0	168.9	170.9	172.8	174.7	175.7	176.7	178.6	180.5	182.5	184.4
105°	218.6	219.6	220.5	221.5	222.4	222.9	223.3	224.1	224.9	225.7	226.5
107.5°	265.8	266.3	266.7	267.2	267.7	267.9	268.5	269.6	270.7	271.9	273.0
110°	313.7	314.2	314.7	315.2	315.7	315.9	316.4	317.3	318.3	319.2	320.2

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	360.1	361.1	362.1	363.0	364.0	364.5	364.7	365.0	365.3	365.7	366.0
115°	408.1	408.6	409.0	409.5	410.0	410.2	410.1	410.0	409.8	409.7	409.5
117.5°	450.9	451.5	452.2	452.8	453.5	453.8	454.0	454.5	455.0	455.5	456.0
120°	494.5	495.1	495.8	496.4	497.1	497.4	497.3	497.2	497.0	496.9	496.7
122.5°	535.1	535.4	535.8	536.1	536.4	536.6	536.8	537.1	537.4	537.7	538.0
125°	573.6	574.2	574.9	575.5	576.2	576.5	576.3	576.0	575.7	575.4	575.1
127.5°	610.7	610.9	611.0	611.2	611.3	611.4	611.8	612.6	613.4	614.2	615.0
130°	646.2	646.4	646.6	646.7	646.9	647.0	647.2	647.7	648.2	648.6	649.1
132.5°	678.9	679.2	679.6	679.9	680.2	680.4	680.7	681.4	682.0	682.7	683.3
135°	711.6	711.4	711.3	711.1	711.0	710.9	711.2	711.9	712.5	713.2	713.8
137.5°	740.6	740.6	740.6	740.6	740.6	740.6	741.0	741.8	742.7	743.5	744.3
140°	768.9	769.2	769.6	769.9	770.2	770.4	770.6	770.9	771.2	771.5	771.8
142.5°	794.4	795.0	795.7	796.3	797.0	797.3	797.4	797.5	797.7	797.8	798.0
145°	820.5	821.0	821.5	822.0	822.5	822.7	822.7	822.7	822.7	822.7	822.7
147.5°	840.8	841.8	842.8	843.7	844.7	845.2	845.1	845.0	844.8	844.7	844.5
150°	863.3	863.9	864.6	865.2	865.9	866.2	866.1	866.0	865.8	865.7	865.5
152.5°	882.2	882.7	883.2	883.7	884.2	884.4	884.2	883.9	883.6	883.2	882.9
155°	899.6	899.8	900.0	900.1	900.3	900.4	900.2	899.7	899.2	898.7	898.2
157.5°	914.9	914.9	914.9	914.9	914.9	914.9	914.6	913.9	913.3	912.6	912.0
160°	928.0	927.5	927.0	926.5	926.0	925.8	925.7	925.6	925.4	925.3	925.1
162.5°	939.6	939.0	938.3	937.7	937.0	936.7	936.6	936.4	936.3	936.1	935.9
165°	949.0	948.2	947.4	946.6	945.8	945.4	945.4	945.4	945.4	945.4	945.4
167.5°	957.0	956.2	955.4	954.6	953.8	953.4	953.3	953.1	953.0	952.8	952.6
170°	963.5	962.5	961.6	960.6	959.7	959.2	959.3	959.4	959.6	959.7	959.9
172.5°	967.9	966.9	965.9	965.0	964.0	963.5	963.6	963.8	963.9	964.1	964.3
175°	970.8	969.8	968.8	967.9	966.9	966.4	966.5	966.7	966.8	967.0	967.2
177.5°	973.0	971.9	970.7	969.6	968.5	967.9	968.1	968.4	968.7	969.0	969.3
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1337.5	1348.8	1349.8	1360.1	1357.0	1351.8	1361.1	1354.9	1367.3	1363.2	1368.3
5°	1415.6	1431.0	1444.4	1452.6	1467.0	1463.9	1479.3	1474.2	1485.5	1474.2	1488.6
7.5°	1507.1	1532.8	1546.1	1567.7	1573.9	1574.9	1593.4	1597.5	1604.7	1597.5	1605.8
10°	1596.5	1627.4	1658.2	1675.7	1687.0	1702.4	1718.8	1726.0	1731.2	1724.0	1729.1
12.5°	1677.7	1726.0	1760.0	1794.9	1803.1	1816.5	1834.0	1831.9	1852.5	1848.4	1857.6
15°	1752.8	1806.2	1847.3	1875.1	1897.7	1909.0	1941.9	1944.0	1943.0	1953.2	1947.1
17.5°	1819.6	1864.8	1923.4	1959.4	1987.2	1987.2	2005.7	2043.7	2040.6	2039.6	2045.8
20°	1874.1	1925.5	1980.0	2040.6	2063.2	2067.3	2093.0	2112.6	2115.7	2115.7	2115.7
22.5°	1915.2	1975.9	2034.4	2077.6	2095.1	2109.5	2132.1	2144.4	2148.6	2146.5	2148.6
25°	1935.8	1993.3	2053.0	2092.0	2102.3	2110.5	2112.6	2119.8	2118.7	2106.4	2113.6
27.5°	1939.9	1995.4	2034.4	2044.7	2039.6	2034.4	2001.6	2004.6	1995.4	1976.9	1984.1
30°	1921.4	1951.2	1950.2	1918.3	1909.0	1887.4	1857.6	1813.4	1777.4	1762.0	1767.2
32.5°	1854.5	1854.5	1817.5	1745.6	1713.7	1674.6	1621.2	1581.1	1533.8	1523.5	1543.1
35°	1762.0	1709.6	1641.7	1547.2	1498.9	1470.1	1377.5	1348.8	1308.7	1297.4	1306.6
37.5°	1618.1	1530.7	1432.0	1343.6	1302.5	1251.1	1169.9	1128.8	1100.0	1080.4	1089.7
40°	1456.7	1350.8	1248.0	1139.0	1093.8	1051.7	991.0	954.0	907.7	909.8	912.9
42.5°	1302.5	1178.1	1063.0	962.2	919.0	884.1	841.9	796.7	780.3	775.1	770.0
45°	1139.0	1006.4	898.5	823.4	784.4	751.5	712.4	686.7	667.2	663.1	668.2
47.5°	984.8	872.8	770.0	700.1	668.2	651.8	620.9	597.3	584.9	574.7	580.8
50°	845.0	740.2	657.9	599.3	576.7	565.4	536.6	524.3	512.0	508.9	507.8
52.5°	729.9	640.5	569.5	522.2	504.8	498.6	477.0	459.5	449.2	452.3	454.4
55°	625.0	549.0	493.4	455.4	441.0	433.8	418.4	406.1	398.9	395.8	397.8
57.5°	532.5	466.7	426.6	395.8	384.5	381.4	364.9	360.8	355.7	352.6	352.6
60°	448.2	402.0	364.9	347.5	335.1	332.1	319.7	314.6	313.5	310.5	308.4
62.5°	377.3	339.2	313.5	295.0	289.9	288.9	280.6	274.5	271.4	269.3	269.3
65°	315.6	287.8	266.3	252.9	248.8	246.7	237.5	235.4	233.4	231.3	230.3
67.5°	263.2	238.5	223.1	213.8	208.7	209.7	204.6	200.5	200.5	199.4	198.4
70°	212.8	197.4	184.0	178.9	176.8	174.8	172.7	169.6	168.6	168.6	168.6
72.5°	167.6	157.3	150.1	147.0	145.0	142.9	140.8	140.8	140.8	139.8	139.8
75°	128.5	124.4	119.3	116.2	116.2	118.2	115.1	112.1	109.0	106.9	107.9
77.5°	96.6	94.6	91.5	86.4	87.4	85.3	85.3	83.3	84.3	84.3	82.2
80°	70.9	67.8	66.8	63.7	64.8	63.7	62.7	62.7	60.7	60.7	60.7
82.5°	49.3	46.3	46.3	45.2	44.2	44.2	43.2	43.2	44.2	42.1	42.1
85°	29.8	28.8	28.8	26.7	26.7	26.7	26.7	27.8	26.7	25.7	25.7
87.5°	13.4	14.4	13.4	12.3	12.3	12.3	11.3	11.3	10.3	11.3	11.3
90°	17.0	17.9	18.9	19.8	20.3	20.5	20.8	21.1	21.5	21.8	21.5
92.5°	16.2	17.2	18.1	19.1	19.6	19.6	19.6	19.6	19.6	19.6	19.6
95°	17.0	17.9	18.9	19.8	20.3	20.4	20.6	20.7	20.9	21.1	20.9
97.5°	16.8	17.6	18.4	19.2	19.6	19.7	19.8	20.0	20.1	20.3	20.1
100°	29.2	26.4	23.7	21.0	19.6	19.7	19.8	20.0	20.1	20.3	20.1
102.5°	148.1	111.8	75.5	39.2	21.1	21.1	21.1	21.1	21.1	21.1	21.1
105°	228.0	229.4	230.9	232.4	233.1	230.2	224.4	218.5	212.7	206.9	212.7
107.5°	273.8	274.6	275.4	276.2	276.6	276.9	277.6	278.2	278.9	279.5	278.9
110°	320.5	320.9	321.2	321.5	321.7	321.9	322.4	322.9	323.3	323.8	323.3

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	365.8	365.6	365.5	365.3	365.2	365.5	366.2	366.8	367.5	368.1	367.5
115°	409.8	410.2	410.5	410.8	411.0	411.0	411.0	411.0	411.0	411.0	411.0
117.5°	455.8	455.7	455.5	455.4	455.3	455.3	455.3	455.3	455.3	455.3	455.3
120°	497.0	497.3	497.6	497.9	498.1	497.9	497.6	497.3	497.0	496.7	497.0
122.5°	538.2	538.4	538.5	538.7	538.8	538.6	538.3	538.0	537.6	537.3	537.6
125°	575.6	576.1	576.6	577.1	577.3	577.4	577.5	577.7	577.8	578.0	577.8
127.5°	614.8	614.7	614.5	614.4	614.3	614.2	614.1	613.9	613.8	613.6	613.8
130°	649.3	649.5	649.6	649.8	649.9	649.9	649.9	649.9	649.9	649.9	649.9
132.5°	683.5	683.6	683.8	683.9	684.0	683.9	683.8	683.6	683.5	683.3	683.5
135°	714.1	714.4	714.7	715.0	715.2	715.4	715.7	716.0	716.4	716.7	716.4
137.5°	744.6	744.9	745.2	745.5	745.7	745.6	745.5	745.3	745.2	745.0	745.2
140°	772.3	772.8	773.3	773.8	774.0	774.1	774.3	774.4	774.6	774.8	774.6
142.5°	798.3	798.6	798.9	799.2	799.4	799.4	799.4	799.4	799.4	799.4	799.4
145°	822.9	823.0	823.2	823.3	823.4	823.6	823.9	824.2	824.6	824.9	824.6
147.5°	844.7	844.8	845.0	845.1	845.2	845.3	845.4	845.6	845.7	845.9	845.7
150°	865.5	865.5	865.5	865.5	865.5	865.6	865.7	865.9	866.0	866.2	866.0
152.5°	883.2	883.6	883.9	884.2	884.4	884.3	884.2	884.0	883.9	883.7	883.9
155°	898.8	899.5	900.1	900.8	901.1	900.9	900.4	899.9	899.4	898.9	899.4
157.5°	912.8	913.6	914.4	915.2	915.6	915.2	914.4	913.6	912.8	912.0	912.8
160°	926.1	927.0	928.0	928.9	929.4	928.9	928.0	927.0	926.1	925.1	926.1
162.5°	936.9	937.9	938.8	939.8	940.3	939.7	938.6	937.5	936.3	935.2	936.3
165°	946.7	948.0	949.3	950.6	951.2	950.5	949.0	947.6	946.1	944.7	946.1
167.5°	954.1	955.5	957.0	958.5	959.2	958.4	956.8	955.1	953.5	951.9	953.5
170°	961.2	962.5	963.8	965.1	965.7	964.9	963.3	961.7	960.1	958.5	960.1
172.5°	965.6	966.9	968.2	969.5	970.1	969.2	967.4	965.7	963.9	962.1	963.9
175°	968.6	970.1	971.5	973.0	973.7	972.7	970.8	968.9	966.9	965.0	966.9
177.5°	970.6	971.9	973.2	974.5	975.2	974.2	972.3	970.3	968.4	966.4	968.4
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1371.4	1364.2	1363.2	1363.2	1351.8	1358.0	1345.7	1332.3	1326.1	1326.1	1314.8
5°	1485.5	1478.3	1471.1	1459.8	1459.8	1453.6	1434.1	1414.6	1400.2	1387.8	1374.5
7.5°	1602.7	1595.5	1574.9	1563.6	1569.8	1557.4	1531.7	1498.9	1474.2	1454.6	1426.9
10°	1730.2	1710.6	1700.3	1694.2	1672.6	1659.2	1629.4	1581.1	1550.3	1524.6	1488.6
12.5°	1834.0	1840.2	1801.1	1804.2	1782.6	1764.1	1717.8	1671.6	1625.3	1589.3	1535.9
15°	1946.0	1927.5	1903.9	1885.4	1878.2	1855.6	1816.5	1754.8	1704.5	1647.9	1587.3
17.5°	2034.4	2020.1	1997.4	1980.0	1964.5	1910.1	1877.2	1822.7	1753.8	1698.3	1624.3
20°	2109.5	2096.1	2064.3	2053.0	2025.2	1986.1	1938.8	1854.5	1792.9	1732.2	1660.3
22.5°	2141.4	2128.0	2100.2	2085.8	2068.4	2030.3	1985.1	1904.9	1828.8	1752.8	1676.7
25°	2114.6	2114.6	2101.3	2096.1	2080.7	2046.8	2000.5	1932.7	1851.5	1769.2	1678.8
27.5°	1985.1	2010.8	2020.1	2025.2	2025.2	2026.2	1994.4	1928.6	1849.4	1769.2	1674.6
30°	1798.0	1841.2	1879.2	1890.5	1910.1	1931.6	1945.0	1913.1	1842.2	1757.9	1663.3
32.5°	1562.6	1618.1	1689.0	1706.5	1733.2	1798.0	1834.0	1847.3	1808.3	1734.3	1633.5
35°	1328.2	1398.1	1441.3	1494.7	1519.4	1615.0	1695.2	1743.5	1734.3	1690.1	1598.6
37.5°	1123.6	1163.7	1216.1	1272.7	1322.0	1413.5	1513.2	1606.8	1644.8	1623.2	1554.4
40°	927.3	974.6	1037.3	1083.5	1117.5	1209.0	1332.3	1434.1	1517.4	1530.7	1488.6
42.5°	788.5	835.8	873.8	924.2	950.9	1039.3	1148.3	1275.8	1374.5	1426.9	1408.4
45°	681.6	710.4	741.2	770.0	802.9	881.0	981.8	1121.6	1232.6	1306.6	1313.8
47.5°	588.0	613.7	640.5	667.2	685.7	746.3	838.9	953.0	1074.3	1176.1	1216.1
50°	522.2	534.6	554.1	569.5	591.1	643.5	717.6	816.2	944.7	1054.7	1107.2
52.5°	457.5	472.9	488.3	501.7	516.1	553.1	620.9	706.2	817.3	930.4	995.1
55°	403.0	415.3	429.7	439.0	447.2	480.1	531.5	597.3	692.9	799.8	880.0
57.5°	358.8	363.9	376.3	381.4	390.6	417.4	454.4	513.0	590.1	693.9	759.7
60°	310.5	320.7	330.0	334.1	341.3	359.8	385.5	440.0	506.8	582.9	657.9
62.5°	271.4	275.5	282.7	287.8	293.0	312.5	334.1	375.2	425.6	489.3	558.2
65°	235.4	237.5	241.6	248.8	251.9	266.3	278.6	308.4	355.7	404.0	472.9
67.5°	198.4	200.5	205.6	209.7	212.8	222.1	235.4	257.0	282.7	336.2	374.2
70°	169.6	169.6	172.7	174.8	177.8	182.0	189.2	205.6	229.2	263.2	298.1
72.5°	141.9	141.9	141.9	145.0	145.0	148.0	152.1	163.5	179.9	206.6	229.2
75°	110.0	111.0	113.1	113.1	114.1	118.2	121.3	124.4	132.6	150.1	170.7
77.5°	83.3	85.3	86.4	84.3	86.4	86.4	90.5	94.6	98.7	103.8	119.3
80°	61.7	62.7	60.7	61.7	61.7	63.7	65.8	64.8	66.8	73.0	77.1
82.5°	41.1	42.1	42.1	42.1	42.1	45.2	45.2	44.2	45.2	46.3	47.3
85°	25.7	24.7	24.7	25.7	24.7	24.7	25.7	26.7	25.7	26.7	27.8
87.5°	11.3	11.3	11.3	11.3	10.3	10.3	11.3	10.3	11.3	10.3	9.3
90°	21.1	20.8	20.5	20.3	19.8	18.9	17.9	17.0	16.0	14.7	13.4
92.5°	19.6	19.6	19.6	19.6	19.1	18.1	17.2	16.2	15.2	13.9	12.6
95°	20.7	20.6	20.4	20.3	19.8	18.9	17.9	17.0	16.0	15.8	15.6
97.5°	20.0	19.8	19.7	19.6	19.2	18.4	17.6	16.8	16.0	32.9	49.9
100°	20.0	19.8	19.7	19.6	21.0	23.7	26.4	29.2	31.9	54.2	76.5
102.5°	21.1	21.1	21.1	21.1	39.2	75.5	111.8	148.1	184.4	182.5	180.5
105°	218.5	224.4	230.2	233.1	232.4	230.9	229.4	228.0	226.5	225.7	224.9
107.5°	278.2	277.6	276.9	276.6	276.2	275.4	274.6	273.8	273.0	271.9	270.7
110°	322.9	322.4	321.9	321.7	321.5	321.2	320.9	320.5	320.2	319.2	318.3

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	366.8	366.2	365.5	365.2	365.3	365.5	365.6	365.8	366.0	365.7	365.3
115°	411.0	411.0	411.0	411.0	410.8	410.5	410.2	409.8	409.5	409.7	409.8
117.5°	455.3	455.3	455.3	455.3	455.4	455.5	455.7	455.8	456.0	455.5	455.0
120°	497.3	497.6	497.9	498.1	497.9	497.6	497.3	497.0	496.7	496.9	497.0
122.5°	538.0	538.3	538.6	538.8	538.7	538.5	538.4	538.2	538.0	537.7	537.4
125°	577.7	577.5	577.4	577.3	577.1	576.6	576.1	575.6	575.1	575.4	575.7
127.5°	613.9	614.1	614.2	614.3	614.4	614.5	614.7	614.8	615.0	614.2	613.4
130°	649.9	649.9	649.9	649.9	649.8	649.6	649.5	649.3	649.1	648.6	648.2
132.5°	683.6	683.8	683.9	684.0	683.9	683.8	683.6	683.5	683.3	682.7	682.0
135°	716.0	715.7	715.4	715.2	715.0	714.7	714.4	714.1	713.8	713.2	712.5
137.5°	745.3	745.5	745.6	745.7	745.5	745.2	744.9	744.6	744.3	743.5	742.7
140°	774.4	774.3	774.1	774.0	773.8	773.3	772.8	772.3	771.8	771.5	771.2
142.5°	799.4	799.4	799.4	799.4	799.2	798.9	798.6	798.3	798.0	797.8	797.7
145°	824.2	823.9	823.6	823.4	823.3	823.2	823.0	822.9	822.7	822.7	822.7
147.5°	845.6	845.4	845.3	845.2	845.1	845.0	844.8	844.7	844.5	844.7	844.8
150°	865.9	865.7	865.6	865.5	865.5	865.5	865.5	865.5	865.5	865.7	865.8
152.5°	884.0	884.2	884.3	884.4	884.2	883.9	883.6	883.2	882.9	883.2	883.6
155°	899.9	900.4	900.9	901.1	900.8	900.1	899.5	898.8	898.2	898.7	899.2
157.5°	913.6	914.4	915.2	915.6	915.2	914.4	913.6	912.8	912.0	912.6	913.3
160°	927.0	928.0	928.9	929.4	928.9	928.0	927.0	926.1	925.1	925.3	925.4
162.5°	937.5	938.6	939.7	940.3	939.8	938.8	937.9	936.9	935.9	936.1	936.3
165°	947.6	949.0	950.5	951.2	950.6	949.3	948.0	946.7	945.4	945.4	945.4
167.5°	955.1	956.8	958.4	959.2	958.5	957.0	955.5	954.1	952.6	952.8	953.0
170°	961.7	963.3	964.9	965.7	965.1	963.8	962.5	961.2	959.9	959.7	959.6
172.5°	965.7	967.4	969.2	970.1	969.5	968.2	966.9	965.6	964.3	964.1	963.9
175°	968.9	970.8	972.7	973.7	973.0	971.5	970.1	968.6	967.2	967.0	966.8
177.5°	970.3	972.3	974.2	975.2	974.5	973.2	971.9	970.6	969.3	969.0	968.7
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1308.7	1303.5	1300.4	1299.4	1290.2	1285.0	1281.9	1279.9	1276.8	1268.6	1261.4
5°	1358.0	1343.6	1336.4	1328.2	1313.8	1297.4	1284.0	1275.8	1265.5	1249.0	1233.6
7.5°	1404.3	1382.7	1368.3	1357.0	1332.3	1305.6	1284.0	1266.5	1247.0	1224.4	1202.8
10°	1452.6	1417.6	1399.1	1381.7	1345.7	1310.7	1279.9	1254.2	1226.4	1196.6	1173.0
12.5°	1490.6	1444.4	1423.8	1399.1	1354.9	1313.8	1274.7	1239.8	1203.8	1171.9	1138.0
15°	1534.8	1477.3	1453.6	1421.7	1361.1	1307.6	1257.3	1219.2	1182.2	1134.9	1099.0
17.5°	1560.5	1493.7	1459.8	1432.0	1366.2	1301.5	1242.9	1195.6	1152.4	1105.1	1067.1
20°	1586.2	1510.2	1472.1	1433.1	1354.9	1286.1	1224.4	1167.8	1122.6	1071.2	1032.1
22.5°	1594.5	1506.0	1466.0	1430.0	1347.7	1270.6	1199.7	1142.1	1089.7	1038.3	994.1
25°	1594.5	1505.0	1457.7	1411.5	1325.1	1246.0	1175.0	1112.3	1053.7	1002.3	958.1
27.5°	1578.0	1484.5	1435.1	1393.0	1303.5	1218.2	1145.2	1076.3	1019.8	968.4	918.0
30°	1557.4	1454.6	1405.3	1354.9	1268.6	1187.4	1108.2	1044.5	984.8	926.2	881.0
32.5°	1531.7	1422.8	1368.3	1316.9	1225.4	1141.1	1068.1	1005.4	948.9	888.2	837.8
35°	1494.7	1375.5	1314.8	1269.6	1181.2	1093.8	1023.9	962.2	907.7	845.0	790.5
37.5°	1447.5	1332.3	1270.6	1215.1	1123.6	1043.4	977.6	918.0	864.6	807.0	746.3
40°	1391.9	1271.7	1218.2	1159.6	1063.0	986.9	925.2	871.8	818.3	763.8	705.2
42.5°	1329.2	1210.0	1150.4	1093.8	1001.3	926.2	868.7	820.4	771.0	720.6	657.9
45°	1254.2	1142.1	1084.6	1031.1	941.7	864.6	812.1	765.9	723.7	672.3	616.8
47.5°	1169.9	1072.2	1013.6	956.1	868.7	801.9	750.5	711.4	675.4	624.0	573.6
50°	1087.6	991.0	943.7	885.1	804.9	742.2	689.8	656.9	629.1	578.8	533.5
52.5°	983.8	910.8	865.6	815.2	738.1	674.4	633.3	604.5	571.6	532.5	492.4
55°	892.3	824.5	788.5	741.2	665.1	608.6	573.6	546.9	521.2	486.3	454.4
57.5°	788.5	746.3	710.4	669.2	594.2	545.9	515.0	492.4	468.8	440.0	414.3
60°	679.5	660.0	625.0	592.1	528.4	486.3	460.6	440.0	417.4	393.7	372.1
62.5°	582.9	571.6	551.0	525.3	465.7	429.7	404.0	388.6	372.1	350.6	330.0
65°	491.4	486.3	466.7	448.2	407.1	375.2	352.6	343.4	324.9	308.4	289.9
67.5°	410.2	404.0	392.7	384.5	349.5	319.7	308.4	296.1	280.6	268.3	252.9
70°	327.9	326.9	319.7	309.4	290.9	269.3	258.0	249.8	234.4	225.1	213.8
72.5°	254.9	260.1	253.9	249.8	237.5	222.1	211.8	206.6	194.3	187.1	178.9
75°	190.2	194.3	197.4	190.2	187.1	179.9	170.7	165.5	159.3	149.1	146.0
77.5°	129.5	138.8	138.8	140.8	141.9	137.8	130.6	126.4	119.3	117.2	113.1
80°	85.3	93.5	94.6	96.6	99.7	99.7	94.6	93.5	86.4	85.3	82.2
82.5°	49.3	56.5	60.7	63.7	62.7	66.8	62.7	61.7	57.6	57.6	55.5
85°	26.7	27.8	29.8	31.9	33.9	36.0	36.0	35.0	33.9	32.9	30.8
87.5°	10.3	10.3	11.3	10.3	11.3	13.4	14.4	14.4	13.4	12.3	10.3
90°	12.1	10.8	10.2	9.3	7.5	5.8	4.0	2.2	4.0	5.8	7.5
92.5°	11.3	10.0	9.4	9.6	9.9	10.2	10.6	10.9	10.6	10.2	9.9
95°	15.5	15.3	15.2	17.9	23.4	28.9	34.4	39.9	34.4	28.9	23.4
97.5°	66.8	83.7	92.2	90.4	86.9	83.3	79.8	76.2	79.8	83.3	86.9
100°	98.8	121.1	132.2	130.7	127.8	124.9	122.0	119.1	122.0	124.9	127.8
102.5°	178.6	176.7	175.7	174.7	172.8	170.9	168.9	167.0	168.9	170.9	172.8
105°	224.1	223.3	222.9	222.4	221.5	220.5	219.6	218.6	219.6	220.5	221.5
107.5°	269.6	268.5	267.9	267.7	267.2	266.7	266.3	265.8	266.3	266.7	267.2
110°	317.3	316.4	315.9	315.7	315.2	314.7	314.2	313.7	314.2	314.7	315.2

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	365.0	364.7	364.5	364.0	363.0	362.1	361.1	360.1	361.1	362.1	363.0
115°	410.0	410.1	410.2	410.0	409.5	409.0	408.6	408.1	408.6	409.0	409.5
117.5°	454.5	454.0	453.8	453.5	452.8	452.2	451.5	450.9	451.5	452.2	452.8
120°	497.2	497.3	497.4	497.1	496.4	495.8	495.1	494.5	495.1	495.8	496.4
122.5°	537.1	536.8	536.6	536.4	536.1	535.8	535.4	535.1	535.4	535.8	536.1
125°	576.0	576.3	576.5	576.2	575.5	574.9	574.2	573.6	574.2	574.9	575.5
127.5°	612.6	611.8	611.4	611.3	611.2	611.0	610.9	610.7	610.9	611.0	611.2
130°	647.7	647.2	647.0	646.9	646.7	646.6	646.4	646.2	646.4	646.6	646.7
132.5°	681.4	680.7	680.4	680.2	679.9	679.6	679.2	678.9	679.2	679.6	679.9
135°	711.9	711.2	710.9	711.0	711.1	711.3	711.4	711.6	711.4	711.3	711.1
137.5°	741.8	741.0	740.6	740.6	740.6	740.6	740.6	740.6	740.6	740.6	740.6
140°	770.9	770.6	770.4	770.2	769.9	769.6	769.2	768.9	769.2	769.6	769.9
142.5°	797.5	797.4	797.3	797.0	796.3	795.7	795.0	794.4	795.0	795.7	796.3
145°	822.7	822.7	822.7	822.5	822.0	821.5	821.0	820.5	821.0	821.5	822.0
147.5°	845.0	845.1	845.2	844.7	843.7	842.8	841.8	840.8	841.8	842.8	843.7
150°	866.0	866.1	866.2	865.9	865.2	864.6	863.9	863.3	863.9	864.6	865.2
152.5°	883.9	884.2	884.4	884.2	883.7	883.2	882.7	882.2	882.7	883.2	883.7
155°	899.7	900.2	900.4	900.3	900.1	900.0	899.8	899.6	899.8	900.0	900.1
157.5°	913.9	914.6	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
160°	925.6	925.7	925.8	926.0	926.5	927.0	927.5	928.0	927.5	927.0	926.5
162.5°	936.4	936.6	936.7	937.0	937.7	938.3	939.0	939.6	939.0	938.3	937.7
165°	945.4	945.4	945.4	945.8	946.6	947.4	948.2	949.0	948.2	947.4	946.6
167.5°	953.1	953.3	953.4	953.8	954.6	955.4	956.2	957.0	956.2	955.4	954.6
170°	959.4	959.3	959.2	959.7	960.6	961.6	962.5	963.5	962.5	961.6	960.6
172.5°	963.8	963.6	963.5	964.0	965.0	965.9	966.9	967.9	966.9	965.9	965.0
175°	966.7	966.5	966.4	966.9	967.9	968.8	969.8	970.8	969.8	968.8	967.9
177.5°	968.4	968.1	967.9	968.5	969.6	970.7	971.9	973.0	971.9	970.7	969.6
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1255.2	1253.2	1251.1	1242.9	1235.7	1223.3	1213.1	1209.0	1207.9	1209.0	1205.9
5°	1219.2	1218.2	1211.0	1196.6	1183.2	1168.9	1158.6	1148.3	1142.1	1142.1	1134.9
7.5°	1185.3	1178.1	1171.9	1153.4	1138.0	1118.5	1103.1	1093.8	1088.7	1077.4	1077.4
10°	1149.3	1139.0	1130.8	1113.3	1090.7	1071.2	1051.7	1040.4	1031.1	1022.9	1019.8
12.5°	1113.3	1105.1	1089.7	1071.2	1048.6	1023.9	1003.3	995.1	973.5	956.1	957.1
15°	1079.4	1060.9	1053.7	1027.0	1000.3	976.6	946.8	923.2	905.7	894.4	880.0
17.5°	1041.4	1022.9	1009.5	986.9	951.9	914.9	886.2	854.3	836.8	817.3	808.0
20°	999.2	983.8	973.5	937.6	895.4	851.2	819.3	799.8	780.3	765.9	757.6
22.5°	963.3	943.7	931.4	883.1	836.8	792.6	767.9	751.5	735.0	722.7	718.6
25°	917.0	905.7	875.9	833.7	777.2	747.4	725.8	704.2	694.9	686.7	677.5
27.5°	879.0	851.2	830.6	775.1	740.2	706.2	684.7	668.2	656.9	648.7	641.5
30°	831.7	806.0	777.2	730.9	699.1	667.2	647.7	634.3	622.0	616.8	610.6
32.5°	782.3	758.7	730.9	693.9	654.8	630.2	614.8	600.4	592.1	587.0	579.8
35°	738.1	708.3	689.8	654.8	623.0	595.2	580.8	568.5	559.2	557.2	556.2
37.5°	690.8	668.2	650.7	614.8	588.0	564.4	551.0	537.7	532.5	531.5	527.4
40°	649.7	630.2	613.7	579.8	551.0	529.4	519.1	510.9	505.8	505.8	504.8
42.5°	613.7	593.2	576.7	545.9	520.2	500.6	489.3	481.1	479.1	480.1	479.1
45°	573.6	556.2	539.7	507.8	486.3	471.9	459.5	455.4	452.3	453.4	454.4
47.5°	535.6	521.2	504.8	479.1	454.4	439.0	431.8	427.7	427.7	427.7	429.7
50°	501.7	485.2	470.8	444.1	421.5	409.2	403.0	397.8	398.9	399.9	400.9
52.5°	461.6	447.2	436.9	410.2	393.7	378.3	371.1	372.1	371.1	371.1	373.2
55°	426.6	412.2	402.0	377.3	360.8	350.6	344.4	341.3	342.3	340.3	344.4
57.5°	387.6	375.2	368.0	344.4	330.0	320.7	315.6	310.5	312.5	311.5	310.5
60°	353.6	339.2	327.9	311.5	299.2	287.8	284.8	279.6	281.7	279.6	278.6
62.5°	314.6	303.3	295.0	278.6	268.3	259.1	251.9	248.8	247.8	244.7	241.6
65°	275.5	269.3	261.1	244.7	234.4	227.2	223.1	220.0	219.0	210.7	201.5
67.5°	239.5	235.4	227.2	214.9	205.6	198.4	192.2	187.1	180.9	174.8	169.6
70°	205.6	199.4	194.3	183.0	174.8	167.6	161.4	155.2	152.1	146.0	143.9
72.5°	172.7	166.5	161.4	151.1	143.9	136.7	134.7	127.5	124.4	123.4	123.4
75°	138.8	133.6	130.6	121.3	115.1	110.0	106.9	104.9	102.8	100.7	97.7
77.5°	105.9	102.8	100.7	94.6	89.4	86.4	85.3	78.1	76.1	74.0	72.0
80°	77.1	76.1	74.0	68.9	66.8	59.6	59.6	57.6	56.5	56.5	56.5
82.5°	52.4	50.4	49.3	44.2	43.2	42.1	41.1	40.1	41.1	40.1	41.1
85°	27.8	26.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	24.7	25.7
87.5°	10.3	10.3	10.3	10.3	9.3	10.3	10.3	9.3	10.3	10.3	10.3
90°	9.3	10.2	10.8	12.1	13.4	14.7	16.0	17.0	17.9	18.9	19.8
92.5°	9.6	9.4	10.0	11.3	12.6	13.9	15.2	16.2	17.2	18.1	19.1
95°	17.9	15.2	15.3	15.5	15.6	15.8	16.0	17.0	17.9	18.9	19.8
97.5°	90.4	92.2	83.7	66.8	49.9	32.9	16.0	16.8	17.6	18.4	19.2
100°	130.7	132.2	121.1	98.8	76.5	54.2	31.9	29.2	26.4	23.7	21.0
102.5°	174.7	175.7	176.7	178.6	180.5	182.5	184.4	148.1	111.8	75.5	39.2
105°	222.4	222.9	223.3	224.1	224.9	225.7	226.5	228.0	229.4	230.9	232.4
107.5°	267.7	267.9	268.5	269.6	270.7	271.9	273.0	273.8	274.6	275.4	276.2
110°	315.7	315.9	316.4	317.3	318.3	319.2	320.2	320.5	320.9	321.2	321.5

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	364.0	364.5	364.7	365.0	365.3	365.7	366.0	365.8	365.6	365.5	365.3
115°	410.0	410.2	410.1	410.0	409.8	409.7	409.5	409.8	410.2	410.5	410.8
117.5°	453.5	453.8	454.0	454.5	455.0	455.5	456.0	455.8	455.7	455.5	455.4
120°	497.1	497.4	497.3	497.2	497.0	496.9	496.7	497.0	497.3	497.6	497.9
122.5°	536.4	536.6	536.8	537.1	537.4	537.7	538.0	538.2	538.4	538.5	538.7
125°	576.2	576.5	576.3	576.0	575.7	575.4	575.1	575.6	576.1	576.6	577.1
127.5°	611.3	611.4	611.8	612.6	613.4	614.2	615.0	614.8	614.7	614.5	614.4
130°	646.9	647.0	647.2	647.7	648.2	648.6	649.1	649.3	649.5	649.6	649.8
132.5°	680.2	680.4	680.7	681.4	682.0	682.7	683.3	683.5	683.6	683.8	683.9
135°	711.0	710.9	711.2	711.9	712.5	713.2	713.8	714.1	714.4	714.7	715.0
137.5°	740.6	740.6	741.0	741.8	742.7	743.5	744.3	744.6	744.9	745.2	745.5
140°	770.2	770.4	770.6	770.9	771.2	771.5	771.8	772.3	772.8	773.3	773.8
142.5°	797.0	797.3	797.4	797.5	797.7	797.8	798.0	798.3	798.6	798.9	799.2
145°	822.5	822.7	822.7	822.7	822.7	822.7	822.7	822.9	823.0	823.2	823.3
147.5°	844.7	845.2	845.1	845.0	844.8	844.7	844.5	844.7	844.8	845.0	845.1
150°	865.9	866.2	866.1	866.0	865.8	865.7	865.5	865.5	865.5	865.5	865.5
152.5°	884.2	884.4	884.2	883.9	883.6	883.2	882.9	883.2	883.6	883.9	884.2
155°	900.3	900.4	900.2	899.7	899.2	898.7	898.2	898.8	899.5	900.1	900.8
157.5°	914.9	914.9	914.6	913.9	913.3	912.6	912.0	912.8	913.6	914.4	915.2
160°	926.0	925.8	925.7	925.6	925.4	925.3	925.1	926.1	927.0	928.0	928.9
162.5°	937.0	936.7	936.6	936.4	936.3	936.1	935.9	936.9	937.9	938.8	939.8
165°	945.8	945.4	945.4	945.4	945.4	945.4	945.4	946.7	948.0	949.3	950.6
167.5°	953.8	953.4	953.3	953.1	953.0	952.8	952.6	954.1	955.5	957.0	958.5
170°	959.7	959.2	959.3	959.4	959.6	959.7	959.9	961.2	962.5	963.8	965.1
172.5°	964.0	963.5	963.6	963.8	963.9	964.1	964.3	965.6	966.9	968.2	969.5
175°	966.9	966.4	966.5	966.7	966.8	967.0	967.2	968.6	970.1	971.5	973.0
177.5°	968.5	967.9	968.1	968.4	968.7	969.0	969.3	970.6	971.9	973.2	974.5
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1205.9	1210.0	1204.8	1207.9	1200.7	1199.7	1200.7	1200.7	1201.8	1202.8	1203.8
5°	1138.0	1137.0	1130.8	1126.7	1123.6	1126.7	1128.8	1130.8	1128.8	1130.8	1131.8
7.5°	1074.3	1071.2	1068.1	1060.9	1063.0	1060.9	1067.1	1064.0	1064.0	1069.1	1073.3
10°	1017.7	1011.6	1009.5	1001.3	995.1	994.1	1001.3	1004.4	1007.5	1009.5	1017.7
12.5°	944.7	935.5	928.3	931.4	913.9	921.1	923.2	919.0	931.4	945.8	937.6
15°	866.6	867.6	853.3	848.1	833.7	837.8	838.9	849.1	859.4	858.4	870.7
17.5°	809.1	802.9	790.5	789.5	783.4	786.4	785.4	793.6	790.5	795.7	806.0
20°	755.6	751.5	741.2	737.1	739.1	737.1	738.1	739.1	742.2	753.5	751.5
22.5°	713.4	708.3	708.3	703.2	697.0	694.9	700.1	703.2	707.3	709.3	714.5
25°	676.4	672.3	667.2	664.1	659.0	660.0	663.1	667.2	670.3	674.4	678.5
27.5°	638.4	638.4	633.3	632.2	630.2	629.1	633.3	635.3	635.3	638.4	642.5
30°	608.6	608.6	603.4	602.4	601.4	601.4	604.5	605.5	606.5	609.6	611.7
32.5°	579.8	578.8	576.7	577.7	576.7	577.7	577.7	578.8	580.8	581.9	586.0
35°	553.1	554.1	552.0	552.0	551.0	552.0	554.1	555.1	556.2	558.2	558.2
37.5°	527.4	529.4	528.4	531.5	531.5	531.5	531.5	533.5	533.5	533.5	532.5
40°	504.8	504.8	503.7	505.8	507.8	507.8	508.9	508.9	509.9	509.9	508.9
42.5°	479.1	481.1	484.2	485.2	487.3	486.3	489.3	488.3	489.3	487.3	485.2
45°	455.4	455.4	459.5	463.6	464.7	464.7	464.7	466.7	464.7	461.6	460.6
47.5°	429.7	431.8	433.8	439.0	440.0	440.0	440.0	440.0	437.9	437.9	437.9
50°	404.0	405.0	406.1	408.1	411.2	410.2	410.2	410.2	414.3	410.2	411.2
52.5°	373.2	374.2	375.2	379.3	378.3	378.3	379.3	379.3	382.4	381.4	379.3
55°	342.3	342.3	344.4	344.4	344.4	346.4	347.5	349.5	348.5	349.5	350.6
57.5°	311.5	309.4	308.4	308.4	311.5	310.5	311.5	311.5	315.6	317.7	318.7
60°	275.5	275.5	274.5	268.3	268.3	267.3	270.4	272.4	274.5	283.7	282.7
62.5°	238.5	234.4	230.3	231.3	225.1	228.2	226.2	228.2	234.4	241.6	242.6
65°	201.5	198.4	194.3	193.3	191.2	194.3	193.3	194.3	197.4	201.5	206.6
67.5°	168.6	167.6	165.5	164.5	164.5	164.5	166.5	166.5	167.6	170.7	173.7
70°	143.9	142.9	143.9	141.9	142.9	141.9	142.9	143.9	145.0	146.0	149.1
72.5°	121.3	121.3	121.3	119.3	121.3	120.3	120.3	121.3	122.3	123.4	125.4
75°	96.6	94.6	92.5	90.5	89.4	91.5	92.5	91.5	94.6	98.7	98.7
77.5°	73.0	72.0	72.0	72.0	73.0	72.0	74.0	73.0	74.0	74.0	76.1
80°	56.5	55.5	56.5	56.5	55.5	57.6	56.5	56.5	57.6	58.6	57.6
82.5°	41.1	42.1	41.1	41.1	41.1	43.2	41.1	41.1	41.1	42.1	42.1
85°	25.7	25.7	25.7	25.7	26.7	25.7	26.7	25.7	27.8	26.7	26.7
87.5°	9.3	10.3	11.3	11.3	11.3	11.3	10.3	11.3	12.3	11.3	12.3
90°	20.3	20.5	20.8	21.1	21.5	21.8	21.5	21.1	20.8	20.5	20.3
92.5°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
95°	20.3	20.4	20.6	20.7	20.9	21.1	20.9	20.7	20.6	20.4	20.3
97.5°	19.6	19.7	19.8	20.0	20.1	20.3	20.1	20.0	19.8	19.7	19.6
100°	19.6	19.7	19.8	20.0	20.1	20.3	20.1	20.0	19.8	19.7	19.6
102.5°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
105°	233.1	230.2	224.4	218.5	212.7	206.9	212.7	218.5	224.4	230.2	233.1
107.5°	276.6	276.9	277.6	278.2	278.9	279.5	278.9	278.2	277.6	276.9	276.6
110°	321.7	321.9	322.4	322.9	323.3	323.8	323.3	322.9	322.4	321.9	321.7

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	365.2	365.5	366.2	366.8	367.5	368.1	367.5	366.8	366.2	365.5	365.2
115°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0
117.5°	455.3	455.3	455.3	455.3	455.3	455.3	455.3	455.3	455.3	455.3	455.3
120°	498.1	497.9	497.6	497.3	497.0	496.7	497.0	497.3	497.6	497.9	498.1
122.5°	538.8	538.6	538.3	538.0	537.6	537.3	537.6	538.0	538.3	538.6	538.8
125°	577.3	577.4	577.5	577.7	577.8	578.0	577.8	577.7	577.5	577.4	577.3
127.5°	614.3	614.2	614.1	613.9	613.8	613.6	613.8	613.9	614.1	614.2	614.3
130°	649.9	649.9	649.9	649.9	649.9	649.9	649.9	649.9	649.9	649.9	649.9
132.5°	684.0	683.9	683.8	683.6	683.5	683.3	683.5	683.6	683.8	683.9	684.0
135°	715.2	715.4	715.7	716.0	716.4	716.7	716.4	716.0	715.7	715.4	715.2
137.5°	745.7	745.6	745.5	745.3	745.2	745.0	745.2	745.3	745.5	745.6	745.7
140°	774.0	774.1	774.3	774.4	774.6	774.8	774.6	774.4	774.3	774.1	774.0
142.5°	799.4	799.4	799.4	799.4	799.4	799.4	799.4	799.4	799.4	799.4	799.4
145°	823.4	823.6	823.9	824.2	824.6	824.9	824.6	824.2	823.9	823.6	823.4
147.5°	845.2	845.3	845.4	845.6	845.7	845.9	845.7	845.6	845.4	845.3	845.2
150°	865.5	865.6	865.7	865.9	866.0	866.2	866.0	865.9	865.7	865.6	865.5
152.5°	884.4	884.3	884.2	884.0	883.9	883.7	883.9	884.0	884.2	884.3	884.4
155°	901.1	900.9	900.4	899.9	899.4	898.9	899.4	899.9	900.4	900.9	901.1
157.5°	915.6	915.2	914.4	913.6	912.8	912.0	912.8	913.6	914.4	915.2	915.6
160°	929.4	928.9	928.0	927.0	926.1	925.1	926.1	927.0	928.0	928.9	929.4
162.5°	940.3	939.7	938.6	937.5	936.3	935.2	936.3	937.5	938.6	939.7	940.3
165°	951.2	950.5	949.0	947.6	946.1	944.7	946.1	947.6	949.0	950.5	951.2
167.5°	959.2	958.4	956.8	955.1	953.5	951.9	953.5	955.1	956.8	958.4	959.2
170°	965.7	964.9	963.3	961.7	960.1	958.5	960.1	961.7	963.3	964.9	965.7
172.5°	970.1	969.2	967.4	965.7	963.9	962.1	963.9	965.7	967.4	969.2	970.1
175°	973.7	972.7	970.8	968.9	966.9	965.0	966.9	968.9	970.8	972.7	973.7
177.5°	975.2	974.2	972.3	970.3	968.4	966.4	968.4	970.3	972.3	974.2	975.2
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8	1275.8
2.5°	1207.9	1213.1	1211.0	1203.8	1206.9	1213.1	1219.2	1227.5	1232.6	1236.7	1238.8
5°	1137.0	1146.2	1144.2	1144.2	1148.3	1158.6	1168.9	1186.3	1192.5	1199.7	1210.0
7.5°	1074.3	1081.5	1087.6	1089.7	1095.9	1109.2	1122.6	1142.1	1157.5	1165.8	1171.9
10°	1018.8	1023.9	1033.2	1038.3	1044.5	1060.9	1080.4	1101.0	1116.4	1130.8	1139.0
12.5°	947.8	968.4	980.7	989.0	997.2	1021.9	1037.3	1059.9	1078.4	1091.8	1104.1
15°	868.7	893.3	900.5	932.4	953.0	972.5	996.2	1022.9	1040.4	1055.8	1072.2
17.5°	801.9	819.3	827.6	861.5	879.0	909.8	943.7	977.6	1004.4	1015.7	1032.1
20°	759.7	769.0	785.4	796.7	815.2	851.2	888.2	929.3	969.4	980.7	997.2
22.5°	716.5	728.9	740.2	755.6	770.0	794.7	831.7	876.9	920.1	940.6	960.2
25°	677.5	689.8	697.0	713.4	726.8	751.5	777.2	823.4	874.8	892.3	923.2
27.5°	646.6	653.8	666.2	673.4	688.8	711.4	735.0	770.0	820.4	850.2	880.0
30°	615.8	620.9	631.2	641.5	652.8	668.2	694.9	728.9	775.1	800.8	830.6
32.5°	584.9	593.2	599.3	606.5	618.9	637.4	655.9	688.8	725.8	754.6	784.4
35°	559.2	562.3	570.6	578.8	587.0	603.4	623.0	654.8	687.7	710.4	737.1
37.5°	531.5	536.6	542.8	545.9	559.2	569.5	590.1	614.8	653.8	668.2	694.9
40°	509.9	508.9	515.0	520.2	526.3	542.8	555.1	581.9	612.7	635.3	651.8
42.5°	483.2	483.2	485.2	491.4	499.6	509.9	524.3	546.9	578.8	595.2	614.8
45°	461.6	458.5	459.5	463.6	468.8	479.1	493.4	513.0	544.8	558.2	578.8
47.5°	435.9	432.8	432.8	436.9	441.0	448.2	459.5	482.1	507.8	525.3	540.7
50°	407.1	408.1	407.1	410.2	412.2	419.4	431.8	450.3	473.9	488.3	505.8
52.5°	380.4	378.3	377.3	379.3	383.5	388.6	402.0	418.4	441.0	455.4	470.8
55°	347.5	349.5	349.5	349.5	355.7	357.8	368.0	384.5	407.1	418.4	432.8
57.5°	317.7	316.6	318.7	317.7	322.8	330.0	338.2	350.6	373.2	384.5	397.8
60°	284.8	285.8	286.8	286.8	290.9	298.1	307.4	318.7	337.2	348.5	360.8
62.5°	244.7	249.8	254.9	257.0	263.2	268.3	274.5	286.8	303.3	311.5	322.8
65°	206.6	213.8	221.0	226.2	230.3	235.4	243.6	254.9	268.3	276.5	287.8
67.5°	173.7	178.9	188.1	193.3	201.5	207.7	212.8	222.1	238.5	241.6	250.8
70°	150.1	152.1	156.3	160.4	169.6	174.8	180.9	190.2	202.5	209.7	214.9
72.5°	126.4	127.5	129.5	133.6	137.8	143.9	151.1	159.3	170.7	173.7	180.9
75°	100.7	106.9	106.9	110.0	113.1	116.2	122.3	130.6	137.8	142.9	147.0
77.5°	75.0	78.1	80.2	85.3	89.4	92.5	96.6	102.8	106.9	111.0	114.1
80°	58.6	59.6	60.7	60.7	62.7	66.8	70.9	75.0	80.2	82.2	85.3
82.5°	43.2	43.2	43.2	45.2	46.3	47.3	47.3	49.3	54.5	56.5	59.6
85°	27.8	27.8	27.8	27.8	28.8	29.8	30.8	31.9	31.9	31.9	33.9
87.5°	11.3	13.4	12.3	13.4	13.4	13.4	13.4	14.4	14.4	15.4	15.4
90°	19.8	18.9	17.9	17.0	16.0	14.7	13.4	12.1	10.8	10.2	9.3
92.5°	19.1	18.1	17.2	16.2	15.2	13.9	12.6	11.3	10.0	9.4	9.6
95°	19.8	18.9	17.9	17.0	16.0	15.8	15.6	15.5	15.3	15.2	17.9
97.5°	19.2	18.4	17.6	16.8	16.0	32.9	49.9	66.8	83.7	92.2	90.4
100°	21.0	23.7	26.4	29.2	31.9	54.2	76.5	98.8	121.1	132.2	130.7
102.5°	39.2	75.5	111.8	148.1	184.4	182.5	180.5	178.6	176.7	175.7	174.7
105°	232.4	230.9	229.4	228.0	226.5	225.7	224.9	224.1	223.3	222.9	222.4
107.5°	276.2	275.4	274.6	273.8	273.0	271.9	270.7	269.6	268.5	267.9	267.7
110°	321.5	321.2	320.9	320.5	320.2	319.2	318.3	317.3	316.4	315.9	315.7

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	365.3	365.5	365.6	365.8	366.0	365.7	365.3	365.0	364.7	364.5	364.0
115°	410.8	410.5	410.2	409.8	409.5	409.7	409.8	410.0	410.1	410.2	410.0
117.5°	455.4	455.5	455.7	455.8	456.0	455.5	455.0	454.5	454.0	453.8	453.5
120°	497.9	497.6	497.3	497.0	496.7	496.9	497.0	497.2	497.3	497.4	497.1
122.5°	538.7	538.5	538.4	538.2	538.0	537.7	537.4	537.1	536.8	536.6	536.4
125°	577.1	576.6	576.1	575.6	575.1	575.4	575.7	576.0	576.3	576.5	576.2
127.5°	614.4	614.5	614.7	614.8	615.0	614.2	613.4	612.6	611.8	611.4	611.3
130°	649.8	649.6	649.5	649.3	649.1	648.6	648.2	647.7	647.2	647.0	646.9
132.5°	683.9	683.8	683.6	683.5	683.3	682.7	682.0	681.4	680.7	680.4	680.2
135°	715.0	714.7	714.4	714.1	713.8	713.2	712.5	711.9	711.2	710.9	711.0
137.5°	745.5	745.2	744.9	744.6	744.3	743.5	742.7	741.8	741.0	740.6	740.6
140°	773.8	773.3	772.8	772.3	771.8	771.5	771.2	770.9	770.6	770.4	770.2
142.5°	799.2	798.9	798.6	798.3	798.0	797.8	797.7	797.5	797.4	797.3	797.0
145°	823.3	823.2	823.0	822.9	822.7	822.7	822.7	822.7	822.7	822.7	822.5
147.5°	845.1	845.0	844.8	844.7	844.5	844.7	844.8	845.0	845.1	845.2	844.7
150°	865.5	865.5	865.5	865.5	865.5	865.7	865.8	866.0	866.1	866.2	865.9
152.5°	884.2	883.9	883.6	883.2	882.9	883.2	883.6	883.9	884.2	884.4	884.2
155°	900.8	900.1	899.5	898.8	898.2	898.7	899.2	899.7	900.2	900.4	900.3
157.5°	915.2	914.4	913.6	912.8	912.0	912.6	913.3	913.9	914.6	914.9	914.9
160°	928.9	928.0	927.0	926.1	925.1	925.3	925.4	925.6	925.7	925.8	926.0
162.5°	939.8	938.8	937.9	936.9	935.9	936.1	936.3	936.4	936.6	936.7	937.0
165°	950.6	949.3	948.0	946.7	945.4	945.4	945.4	945.4	945.4	945.4	945.8
167.5°	958.5	957.0	955.5	954.1	952.6	952.8	953.0	953.1	953.3	953.4	953.8
170°	965.1	963.8	962.5	961.2	959.9	959.7	959.6	959.4	959.3	959.2	959.7
172.5°	969.5	968.2	966.9	965.6	964.3	964.1	963.9	963.8	963.6	963.5	964.0
175°	973.0	971.5	970.1	968.6	967.2	967.0	966.8	966.7	966.5	966.4	966.9
177.5°	974.5	973.2	971.9	970.6	969.3	969.0	968.7	968.4	968.1	967.9	968.5
180°	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8	970.8

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1275.8	1275.8	1275.8	1275.8
2.5°	1247.0	1253.2	1263.4	1277.8
5°	1218.2	1235.7	1252.1	1273.7
7.5°	1192.5	1213.1	1235.7	1266.5
10°	1162.7	1188.4	1217.2	1255.2
12.5°	1127.7	1163.7	1196.6	1237.7
15°	1102.0	1128.8	1170.9	1219.2
17.5°	1066.1	1102.0	1144.2	1198.7
20°	1032.1	1070.2	1117.5	1174.0
22.5°	996.2	1039.3	1086.6	1147.3
25°	959.1	1005.4	1052.7	1117.5
27.5°	925.2	967.4	1020.8	1086.6
30°	884.1	932.4	983.8	1052.7
32.5°	844.0	894.4	946.8	1015.7
35°	800.8	851.2	908.8	974.6
37.5°	758.7	814.2	866.6	930.4
40°	712.4	770.0	824.5	889.2
42.5°	667.2	726.8	781.3	836.8
45°	625.0	683.6	733.0	785.4
47.5°	584.9	637.4	687.7	735.0
50°	545.9	590.1	636.3	675.4
52.5°	504.8	546.9	583.9	618.9
55°	467.7	500.6	533.5	565.4
57.5°	423.5	456.4	485.2	509.9
60°	386.5	407.1	434.9	460.6
62.5°	344.4	368.0	389.6	406.1
65°	303.3	323.8	340.3	354.7
67.5°	268.3	280.6	293.0	308.4
70°	226.2	236.4	250.8	262.1
72.5°	190.2	198.4	205.6	219.0
75°	154.2	161.4	165.5	177.8
77.5°	119.3	126.4	129.5	136.7
80°	91.5	92.5	96.6	102.8
82.5°	62.7	64.8	65.8	70.9
85°	36.0	41.1	40.1	42.1
87.5°	15.4	16.4	18.5	20.6
90°	7.5	5.8	4.0	2.2
92.5°	9.9	10.2	10.6	10.9
95°	23.4	28.9	34.4	39.9
97.5°	86.9	83.3	79.8	76.2
100°	127.8	124.9	122.0	119.1
102.5°	172.8	170.9	168.9	167.0
105°	221.5	220.5	219.6	218.6
107.5°	267.2	266.7	266.3	265.8
110°	315.2	314.7	314.2	313.7

TEST NUMBER: P1033083

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	363.0	362.1	361.1	360.1
115°	409.5	409.0	408.6	408.1
117.5°	452.8	452.2	451.5	450.9
120°	496.4	495.8	495.1	494.5
122.5°	536.1	535.8	535.4	535.1
125°	575.5	574.9	574.2	573.6
127.5°	611.2	611.0	610.9	610.7
130°	646.7	646.6	646.4	646.2
132.5°	679.9	679.6	679.2	678.9
135°	711.1	711.3	711.4	711.6
137.5°	740.6	740.6	740.6	740.6
140°	769.9	769.6	769.2	768.9
142.5°	796.3	795.7	795.0	794.4
145°	822.0	821.5	821.0	820.5
147.5°	843.7	842.8	841.8	840.8
150°	865.2	864.6	863.9	863.3
152.5°	883.7	883.2	882.7	882.2
155°	900.1	900.0	899.8	899.6
157.5°	914.9	914.9	914.9	914.9
160°	926.5	927.0	927.5	928.0
162.5°	937.7	938.3	939.0	939.6
165°	946.6	947.4	948.2	949.0
167.5°	954.6	955.4	956.2	957.0
170°	960.6	961.6	962.5	963.5
172.5°	965.0	965.9	966.9	967.9
175°	967.9	968.8	969.8	970.8
177.5°	969.6	970.7	971.9	973.0
180°	970.8	970.8	970.8	970.8

(END OF REPORT)