

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: P1033080

Luminaire Tested: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033080
REPORT IS A COMBINATION OF REPORTS P1000883 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_2700K
Description: Define 4 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

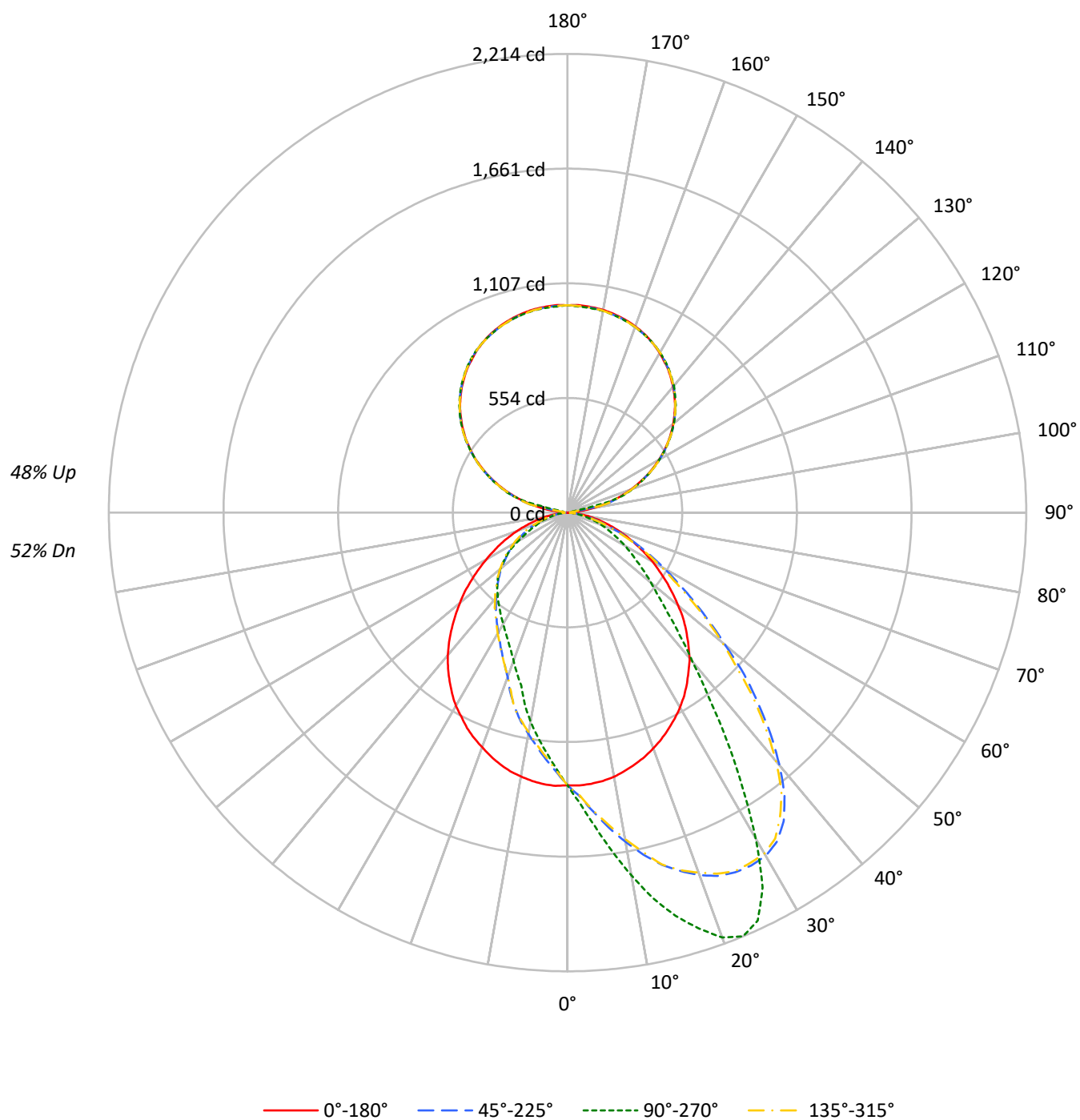
Lumens per Lamp: N/A
Luminaire Lumens: 6425.0 lumens
Efficiency: N/A
Efficacy: 108.7 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

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Luminous Intensity Polar Plot



TEST NUMBER: P1033080

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10729	10729	10729	10729
5°	10729	12123	10746	9266
10°	10672	13976	10664	8058
15°	10545	15729	10545	6747
20°	10412	17053	10357	5942
25°	10250	17126	10203	5366
30°	10077	14563	9999	4970
35°	9833	10988	9709	4675
40°	9562	7963	9374	4445
45°	9113	6052	8887	4241
50°	8581	4891	8346	3942
55°	8004	4050	7742	3545
60°	7425	3425	7094	2949
65°	6699	2789	6485	2344
70°	6033	2262	5747	1903
75°	5285	1631	4919	1396
80°	4360	1081	3969	1026
85°	3165	555	2620	555

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13432 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.4	2.0
10°-20°	384.7	6.0
20°-30°	602.7	9.4
30°-40°	669.2	10.4
40°-50°	593.0	9.2
50°-60°	462.2	7.2
60°-70°	302.3	4.7
70°-80°	148.3	2.3
80°-90°	38.2	0.6
90°-100°	33.2	0.5
100°-110°	218.8	3.4
110°-120°	417.8	6.5
120°-130°	530.4	8.3
130°-140°	567.4	8.8
140°-150°	530.5	8.3
150°-160°	427.8	6.7
160°-170°	275.9	4.3
170°-180°	95.1	1.5
0°-30°	1114.8	17.4
0°-40°	1784.0	27.8
0°-60°	2839.2	44.2
0°-90°	3328.1	51.8
90°-120°	669.8	10.4
90°-150°	2298.1	35.8
90°-180°	3097.0	48.2
0°-180°	6425.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1316	1316	1316	1316	1316	
5°	1314	1520	1316	1162	1314	125
15°	1257	2014	1257	864	1257	355
25°	1152	2172	1147	681	1152	531
35°	1005	1338	992	569	1005	628
45°	810	684	790	479	810	625
55°	583	408	564	357	583	521
65°	366	238	354	200	366	365
75°	183	110	171	94	183	195
85°	44	26	36	26	44	49
90°	2	22	2	22	2	5
95°	41	22	41	22	41	51
105°	225	213	225	213	225	236
115°	421	424	421	424	421	414
125°	591	596	591	596	591	528
135°	734	739	734	739	734	565
145°	846	850	846	850	846	529
155°	928	927	928	927	928	428
165°	978	974	978	974	978	276
175°	1001	995	1001	995	1001	95
180°	1001	1001	1001	1001	1001	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1317.8	1329.5	1335.9	1341.2	1351.8	1356.0	1364.5	1366.6	1375.1	1374.0	1370.9
5°	1313.6	1333.7	1348.6	1364.5	1383.6	1394.2	1405.8	1422.8	1431.3	1443.0	1450.4
7.5°	1306.2	1333.7	1358.1	1382.5	1413.3	1430.2	1445.1	1471.6	1493.8	1512.9	1534.1
10°	1294.5	1329.5	1365.6	1398.4	1440.8	1461.0	1483.2	1522.5	1553.2	1579.7	1613.6
12.5°	1276.5	1325.3	1365.6	1410.1	1464.2	1491.7	1521.4	1568.1	1604.1	1647.6	1690.0
15°	1257.4	1311.5	1364.5	1422.8	1484.3	1516.1	1545.8	1608.3	1663.5	1713.3	1760.0
17.5°	1236.2	1295.6	1353.9	1418.6	1492.8	1532.0	1567.0	1642.3	1702.7	1767.4	1814.0
20°	1210.8	1275.4	1342.2	1414.3	1498.1	1541.6	1580.8	1666.7	1733.4	1803.4	1861.7
22.5°	1183.2	1253.2	1326.3	1404.8	1491.7	1539.4	1585.0	1677.3	1754.7	1819.3	1897.8
25°	1152.5	1226.7	1301.9	1384.6	1482.2	1534.1	1580.8	1672.0	1754.7	1839.5	1915.8
27.5°	1120.6	1197.0	1275.4	1362.4	1462.0	1512.9	1565.9	1653.9	1750.4	1842.7	1920.0
30°	1085.7	1159.9	1242.6	1325.3	1431.3	1482.2	1536.3	1631.7	1736.6	1828.9	1912.6
32.5°	1047.5	1123.8	1202.3	1288.2	1392.1	1447.2	1497.0	1605.2	1712.2	1803.4	1881.9
35°	1005.1	1077.2	1151.4	1239.4	1342.2	1392.1	1451.4	1563.8	1672.0	1768.4	1819.3
37.5°	959.5	1028.4	1097.3	1184.3	1282.9	1343.3	1401.6	1515.0	1629.5	1694.2	1720.7
40°	917.1	977.5	1037.9	1121.7	1221.4	1283.9	1343.3	1461.0	1561.7	1611.5	1591.4
42.5°	863.0	925.6	979.6	1057.0	1157.8	1216.1	1276.5	1398.4	1480.1	1500.2	1450.4
45°	810.0	862.0	913.9	989.2	1095.2	1145.0	1209.7	1323.1	1391.0	1373.0	1299.8
47.5°	758.1	800.5	849.2	922.4	1017.8	1077.2	1137.6	1236.2	1283.9	1258.5	1156.7
50°	696.6	739.0	789.9	853.5	945.7	1003.0	1050.7	1141.9	1177.9	1115.3	992.4
52.5°	638.2	675.4	718.8	778.2	866.2	918.1	970.1	1048.6	1060.2	988.1	858.8
55°	583.1	612.8	658.4	706.1	786.7	841.8	877.9	944.7	941.5	851.4	740.0
57.5°	525.9	553.4	584.2	634.0	710.3	751.7	790.9	849.2	818.5	742.1	631.9
60°	475.0	490.9	521.6	569.3	634.0	670.1	700.8	732.6	706.1	623.4	538.6
62.5°	418.8	436.8	459.1	497.2	554.5	588.4	610.7	624.5	596.9	533.3	455.9
65°	365.8	381.7	405.0	438.9	482.4	507.8	519.5	529.0	514.2	442.1	380.6
67.5°	318.1	328.7	349.9	372.1	418.8	425.1	441.0	445.3	415.6	360.5	311.7
70°	270.4	281.0	290.5	317.0	338.2	349.9	353.1	353.1	323.4	287.3	247.0
72.5°	225.8	232.2	241.7	259.8	271.4	279.9	284.1	278.8	251.3	221.6	191.9
75°	183.4	186.6	195.1	206.7	216.3	213.1	212.0	205.7	185.5	164.3	147.4
77.5°	141.0	143.1	152.7	155.9	155.9	159.0	154.8	148.4	131.5	115.6	108.1
80°	106.0	109.2	110.3	112.4	110.3	110.3	107.1	96.5	88.0	80.6	75.3
82.5°	73.2	75.3	76.3	73.2	75.3	72.1	66.8	59.4	54.1	53.0	50.9
85°	43.5	44.5	43.5	43.5	40.3	39.2	35.0	33.9	31.8	31.8	30.7
87.5°	21.2	20.1	18.0	15.9	15.9	14.8	15.9	13.8	15.9	14.8	13.8
90°	2.2	4.0	5.9	7.7	9.6	10.5	11.2	12.5	13.8	15.2	16.5
92.5°	11.2	10.9	10.5	10.2	9.9	9.7	10.4	11.7	13.0	14.4	15.7
95°	41.2	35.5	29.9	24.2	18.5	15.7	15.8	16.0	16.1	16.3	16.5
97.5°	78.6	82.3	85.9	89.6	93.3	95.1	86.4	68.9	51.4	34.0	16.5
100°	122.8	125.8	128.8	131.7	134.7	136.2	124.7	101.8	78.8	55.9	32.9
102.5°	172.2	174.2	176.2	178.2	180.2	181.2	182.2	184.2	186.1	188.1	190.1
105°	225.3	226.3	227.3	228.3	229.3	229.8	230.2	231.1	231.9	232.8	233.6
107.5°	274.0	274.5	275.0	275.5	276.0	276.2	276.8	278.0	279.1	280.3	281.5
110°	323.4	323.9	324.4	324.9	325.4	325.6	326.1	327.1	328.1	329.1	330.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	371.3	372.3	373.3	374.3	375.3	375.8	376.0	376.3	376.6	377.0	377.3
115°	420.7	421.2	421.7	422.2	422.7	422.9	422.8	422.7	422.5	422.4	422.2
117.5°	464.9	465.6	466.2	466.9	467.6	467.9	468.1	468.6	469.1	469.6	470.1
120°	509.8	510.5	511.1	511.8	512.5	512.8	512.7	512.5	512.4	512.2	512.0
122.5°	551.7	552.0	552.4	552.7	553.0	553.2	553.4	553.7	554.0	554.4	554.7
125°	591.4	592.1	592.7	593.4	594.1	594.4	594.2	593.9	593.6	593.2	592.9
127.5°	629.5	629.7	629.9	630.0	630.2	630.3	630.7	631.5	632.4	633.2	634.0
130°	666.2	666.4	666.6	666.7	666.9	667.0	667.2	667.7	668.2	668.7	669.2
132.5°	699.9	700.2	700.6	700.9	701.2	701.4	701.7	702.4	703.1	703.7	704.4
135°	733.6	733.4	733.2	733.1	732.9	732.8	733.1	733.8	734.5	735.1	735.8
137.5°	763.5	763.5	763.5	763.5	763.5	763.5	763.9	764.8	765.6	766.5	767.3
140°	792.7	793.0	793.4	793.7	794.0	794.2	794.4	794.7	795.0	795.4	795.7
142.5°	818.9	819.6	820.2	820.9	821.6	821.9	822.0	822.2	822.3	822.5	822.7
145°	845.9	846.4	846.9	847.4	847.9	848.1	848.1	848.1	848.1	848.1	848.1
147.5°	866.8	867.8	868.8	869.8	870.8	871.3	871.2	871.1	870.9	870.8	870.6
150°	890.0	890.7	891.3	892.0	892.7	893.0	892.9	892.8	892.6	892.5	892.3
152.5°	909.5	910.0	910.5	911.0	911.5	911.8	911.6	911.3	911.0	910.6	910.3
155°	927.5	927.7	927.8	928.0	928.1	928.2	928.0	927.5	927.0	926.5	926.0
157.5°	943.2	943.2	943.2	943.2	943.2	943.2	942.9	942.2	941.5	940.9	940.2
160°	956.7	956.2	955.7	955.2	954.7	954.4	954.3	954.2	954.0	953.9	953.7
162.5°	968.6	968.0	967.3	966.7	966.0	965.7	965.6	965.4	965.3	965.1	964.9
165°	978.4	977.6	976.7	975.9	975.0	974.6	974.6	974.6	974.6	974.6	974.6
167.5°	986.6	985.8	985.0	984.1	983.3	982.9	982.8	982.6	982.5	982.3	982.1
170°	993.3	992.3	991.3	990.4	989.4	988.9	989.0	989.1	989.3	989.4	989.6
172.5°	997.8	996.8	995.8	994.8	993.8	993.3	993.4	993.6	993.7	993.9	994.1
175°	1000.8	999.8	998.8	997.8	996.8	996.3	996.4	996.6	996.7	996.9	997.1
177.5°	1003.1	1001.9	1000.7	999.6	998.4	997.8	998.0	998.3	998.6	999.0	999.3
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1379.3	1391.0	1392.1	1402.7	1399.5	1394.2	1403.7	1397.4	1410.1	1405.8	1411.1
5°	1459.9	1475.8	1489.6	1498.1	1512.9	1509.7	1525.6	1520.3	1532.0	1520.3	1535.2
7.5°	1554.3	1580.8	1594.6	1616.8	1623.2	1624.2	1643.3	1647.6	1655.0	1647.6	1656.1
10°	1646.5	1678.3	1710.1	1728.1	1739.8	1755.7	1772.7	1780.1	1785.4	1778.0	1783.3
12.5°	1730.3	1780.1	1815.1	1851.1	1859.6	1873.4	1891.4	1889.3	1910.5	1906.3	1915.8
15°	1807.7	1862.8	1905.2	1933.8	1957.2	1968.8	2002.7	2004.9	2003.8	2014.4	2008.0
17.5°	1876.6	1923.2	1983.7	2020.8	2049.4	2049.4	2068.5	2107.7	2104.5	2103.5	2109.8
20°	1932.8	1985.8	2042.0	2104.5	2127.8	2132.1	2158.6	2178.7	2181.9	2181.9	2181.9
22.5°	1975.2	2037.7	2098.2	2142.7	2160.7	2175.6	2198.9	2211.6	2215.8	2213.7	2215.8
25°	1996.4	2055.8	2117.2	2157.5	2168.1	2176.6	2178.7	2186.2	2185.1	2172.4	2179.8
27.5°	2000.6	2057.9	2098.2	2108.8	2103.5	2098.2	2064.2	2067.4	2057.9	2038.8	2046.2
30°	1981.5	2012.3	2011.2	1978.4	1968.8	1946.6	1915.8	1870.2	1833.1	1817.2	1822.5
32.5°	1912.6	1912.6	1874.5	1800.2	1767.4	1727.1	1672.0	1630.6	1581.8	1571.2	1591.4
35°	1817.2	1763.1	1693.2	1595.6	1545.8	1516.1	1420.7	1391.0	1349.7	1338.0	1347.5
37.5°	1668.8	1578.7	1476.9	1385.7	1343.3	1290.3	1206.5	1164.1	1134.4	1114.3	1123.8
40°	1502.3	1393.1	1287.1	1174.7	1128.1	1084.6	1022.0	983.9	936.2	938.3	941.5
42.5°	1343.3	1215.0	1096.3	992.4	947.8	911.8	868.3	821.7	804.7	799.4	794.1
45°	1174.7	1037.9	926.6	849.2	808.9	775.0	734.7	708.2	688.1	683.8	689.1
47.5°	1015.7	900.1	794.1	722.0	689.1	672.2	640.4	616.0	603.3	592.7	599.0
50°	871.5	763.4	678.5	618.1	594.8	583.1	553.4	540.7	528.0	524.8	523.7
52.5°	752.8	660.5	587.4	538.6	520.6	514.2	491.9	473.9	463.3	466.5	468.6
55°	644.6	566.2	508.9	469.7	454.8	447.4	431.5	418.8	411.4	408.2	410.3
57.5°	549.2	481.3	440.0	408.2	396.5	393.3	376.4	372.1	366.8	363.7	363.7
60°	462.3	414.5	376.4	358.4	345.6	342.4	329.7	324.4	323.4	320.2	318.1
62.5°	389.1	349.9	323.4	304.3	299.0	297.9	289.4	283.1	279.9	277.8	277.8
65°	325.5	296.9	274.6	260.8	256.6	254.5	244.9	242.8	240.7	238.5	237.5
67.5°	271.4	246.0	230.1	220.5	215.2	216.3	211.0	206.7	206.7	205.7	204.6
70°	219.5	203.6	189.8	184.5	182.4	180.2	178.1	174.9	173.9	173.9	173.9
72.5°	172.8	162.2	154.8	151.6	149.5	147.4	145.2	145.2	145.2	144.2	144.2
75°	132.5	128.3	123.0	119.8	119.8	121.9	118.7	115.6	112.4	110.3	111.3
77.5°	99.7	97.5	94.4	89.1	90.1	88.0	88.0	85.9	86.9	86.9	84.8
80°	73.2	70.0	68.9	65.7	66.8	65.7	64.7	64.7	62.6	62.6	62.6
82.5°	50.9	47.7	47.7	46.6	45.6	45.6	44.5	44.5	45.6	43.5	43.5
85°	30.7	29.7	29.7	27.6	27.6	27.6	27.6	28.6	27.6	26.5	26.5
87.5°	13.8	14.8	13.8	12.7	12.7	12.7	11.7	11.7	10.6	11.7	11.7
90°	17.5	18.5	19.5	20.5	21.0	21.2	21.5	21.8	22.2	22.5	22.2
92.5°	16.7	17.7	18.7	19.7	20.2	20.2	20.2	20.2	20.2	20.2	20.2
95°	17.5	18.5	19.5	20.5	21.0	21.1	21.2	21.4	21.5	21.7	21.5
97.5°	17.3	18.1	19.0	19.8	20.2	20.3	20.5	20.6	20.8	21.0	20.8
100°	30.1	27.3	24.4	21.6	20.2	20.3	20.5	20.6	20.8	21.0	20.8
102.5°	152.7	115.3	77.8	40.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7
105°	235.1	236.6	238.1	239.6	240.3	237.3	231.3	225.3	219.3	213.3	219.3
107.5°	282.3	283.1	284.0	284.8	285.2	285.5	286.2	286.9	287.5	288.2	287.5
110°	330.4	330.8	331.1	331.4	331.6	331.9	332.4	332.9	333.4	333.9	333.4

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	377.1	376.9	376.8	376.6	376.5	376.8	377.5	378.2	378.8	379.5	378.8
115°	422.5	422.9	423.2	423.5	423.7	423.7	423.7	423.7	423.7	423.7	423.7
117.5°	469.9	469.8	469.6	469.5	469.4	469.4	469.4	469.4	469.4	469.4	469.4
120°	512.3	512.7	513.0	513.3	513.5	513.3	513.0	512.7	512.3	512.0	512.3
122.5°	554.9	555.0	555.2	555.3	555.4	555.2	554.9	554.6	554.2	553.9	554.2
125°	593.4	593.9	594.4	594.9	595.1	595.2	595.4	595.5	595.7	595.9	595.7
127.5°	633.8	633.7	633.5	633.4	633.3	633.2	633.0	632.9	632.7	632.5	632.7
130°	669.4	669.6	669.7	669.9	670.0	670.0	670.0	670.0	670.0	670.0	670.0
132.5°	704.6	704.8	704.9	705.1	705.2	705.1	704.9	704.8	704.6	704.4	704.6
135°	736.1	736.5	736.8	737.1	737.3	737.5	737.8	738.1	738.5	738.8	738.5
137.5°	767.6	768.0	768.3	768.6	768.8	768.7	768.5	768.4	768.2	768.0	768.2
140°	796.2	796.7	797.2	797.7	798.0	798.1	798.2	798.4	798.5	798.7	798.5
142.5°	823.0	823.4	823.7	824.0	824.2	824.2	824.2	824.2	824.2	824.2	824.2
145°	848.3	848.5	848.6	848.8	848.9	849.1	849.4	849.7	850.1	850.4	850.1
147.5°	870.8	870.9	871.1	871.2	871.3	871.4	871.6	871.7	871.9	872.1	871.9
150°	892.3	892.3	892.3	892.3	892.3	892.4	892.5	892.7	892.8	893.0	892.8
152.5°	910.6	911.0	911.3	911.6	911.8	911.7	911.5	911.4	911.2	911.0	911.2
155°	926.7	927.3	928.0	928.7	929.0	928.7	928.2	927.7	927.2	926.7	927.2
157.5°	941.0	941.8	942.7	943.5	943.9	943.5	942.7	941.8	941.0	940.2	941.0
160°	954.7	955.7	956.7	957.7	958.2	957.7	956.7	955.7	954.7	953.7	954.7
162.5°	965.9	966.9	967.9	968.9	969.4	968.8	967.7	966.5	965.4	964.2	965.4
165°	975.9	977.3	978.6	979.9	980.6	979.9	978.4	976.9	975.4	973.9	975.4
167.5°	983.6	985.1	986.6	988.1	988.9	988.1	986.4	984.7	983.1	981.4	983.1
170°	990.9	992.3	993.6	994.9	995.6	994.8	993.1	991.4	989.8	988.1	989.8
172.5°	995.4	996.8	998.1	999.4	1000.1	999.2	997.4	995.5	993.7	991.9	993.7
175°	998.6	1000.1	1001.6	1003.1	1003.8	1002.8	1000.8	998.8	996.8	994.8	996.8
177.5°	1000.6	1002.0	1003.3	1004.6	1005.3	1004.3	1002.3	1000.3	998.3	996.3	998.3
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1414.3	1406.9	1405.8	1405.8	1394.2	1400.5	1387.8	1374.0	1367.7	1367.7	1356.0
5°	1532.0	1524.6	1517.2	1505.5	1505.5	1499.1	1479.0	1458.9	1444.0	1431.3	1417.5
7.5°	1652.9	1645.5	1624.2	1612.6	1618.9	1606.2	1579.7	1545.8	1520.3	1500.2	1471.6
10°	1784.3	1764.2	1753.6	1747.2	1725.0	1711.2	1680.4	1630.6	1598.8	1572.3	1535.2
12.5°	1891.4	1897.8	1857.5	1860.7	1838.4	1819.3	1771.6	1723.9	1676.2	1639.1	1584.0
15°	2007.0	1987.9	1963.5	1944.4	1937.0	1913.7	1873.4	1809.8	1757.8	1699.5	1637.0
17.5°	2098.2	2083.3	2060.0	2042.0	2026.1	1969.9	1936.0	1879.8	1808.7	1751.5	1675.1
20°	2175.6	2161.8	2128.9	2117.2	2088.6	2048.3	1999.6	1912.6	1849.0	1786.5	1712.2
22.5°	2208.4	2194.6	2166.0	2151.2	2133.2	2093.9	2047.3	1964.6	1886.1	1807.7	1729.2
25°	2180.9	2180.9	2167.1	2161.8	2145.9	2110.9	2063.2	1993.2	1909.4	1824.6	1731.3
27.5°	2047.3	2073.8	2083.3	2088.6	2088.6	2089.7	2056.8	1989.0	1907.3	1824.6	1727.1
30°	1854.3	1898.8	1938.1	1949.7	1969.9	1992.1	2005.9	1973.1	1899.9	1813.0	1715.4
32.5°	1611.5	1668.8	1741.9	1760.0	1787.5	1854.3	1891.4	1905.2	1864.9	1788.6	1684.7
35°	1369.8	1441.9	1486.4	1541.6	1567.0	1665.6	1748.3	1798.1	1788.6	1743.0	1648.6
37.5°	1158.8	1200.2	1254.2	1312.5	1363.4	1457.8	1560.6	1657.1	1696.3	1674.1	1603.0
40°	956.3	1005.1	1069.8	1117.5	1152.5	1246.8	1374.0	1479.0	1564.9	1578.7	1535.2
42.5°	813.2	862.0	901.2	953.1	980.7	1071.9	1184.3	1315.7	1417.5	1471.6	1452.5
45°	702.9	732.6	764.4	794.1	828.0	908.6	1012.5	1156.7	1271.2	1347.5	1355.0
47.5°	606.4	632.9	660.5	688.1	707.2	769.7	865.1	982.8	1107.9	1212.9	1254.2
50°	538.6	551.3	571.5	587.4	609.6	663.7	740.0	841.8	974.3	1087.8	1141.9
52.5°	471.8	487.7	503.6	517.4	532.2	570.4	640.4	728.4	842.9	959.5	1026.3
55°	415.6	428.3	443.2	452.7	461.2	495.1	548.1	616.0	714.6	824.8	907.5
57.5°	370.0	375.3	388.0	393.3	402.9	430.4	468.6	529.0	608.6	715.6	783.5
60°	320.2	330.8	340.3	344.6	352.0	371.1	397.6	453.8	522.7	601.1	678.5
62.5°	279.9	284.1	291.6	296.9	302.2	322.3	344.6	387.0	438.9	504.7	575.7
65°	242.8	244.9	249.2	256.6	259.8	274.6	287.3	318.1	366.8	416.7	487.7
67.5°	204.6	206.7	212.0	216.3	219.5	229.0	242.8	265.1	291.6	346.7	385.9
70°	174.9	174.9	178.1	180.2	183.4	187.7	195.1	212.0	236.4	271.4	307.5
72.5°	146.3	146.3	146.3	149.5	149.5	152.7	156.9	168.6	185.5	213.1	236.4
75°	113.4	114.5	116.6	116.6	117.7	121.9	125.1	128.3	136.8	154.8	176.0
77.5°	85.9	88.0	89.1	86.9	89.1	89.1	93.3	97.5	101.8	107.1	123.0
80°	63.6	64.7	62.6	63.6	63.6	65.7	67.9	66.8	68.9	75.3	79.5
82.5°	42.4	43.5	43.5	43.5	43.5	46.6	46.6	45.6	46.6	47.7	48.8
85°	26.5	25.4	25.4	26.5	25.4	25.4	26.5	27.6	26.5	27.6	28.6
87.5°	11.7	11.7	11.7	11.7	10.6	10.6	11.7	10.6	11.7	10.6	9.5
90°	21.8	21.5	21.2	21.0	20.5	19.5	18.5	17.5	16.5	15.2	13.8
92.5°	20.2	20.2	20.2	20.2	19.7	18.7	17.7	16.7	15.7	14.4	13.0
95°	21.4	21.2	21.1	21.0	20.5	19.5	18.5	17.5	16.5	16.3	16.1
97.5°	20.6	20.5	20.3	20.2	19.8	19.0	18.1	17.3	16.5	34.0	51.4
100°	20.6	20.5	20.3	20.2	21.6	24.4	27.3	30.1	32.9	55.9	78.8
102.5°	21.7	21.7	21.7	21.7	40.4	77.8	115.3	152.7	190.1	188.1	186.1
105°	225.3	231.3	237.3	240.3	239.6	238.1	236.6	235.1	233.6	232.8	231.9
107.5°	286.9	286.2	285.5	285.2	284.8	284.0	283.1	282.3	281.5	280.3	279.1
110°	332.9	332.4	331.9	331.6	331.4	331.1	330.8	330.4	330.1	329.1	328.1

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CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	378.2	377.5	376.8	376.5	376.6	376.8	376.9	377.1	377.3	377.0	376.6
115°	423.7	423.7	423.7	423.7	423.5	423.2	422.9	422.5	422.2	422.4	422.5
117.5°	469.4	469.4	469.4	469.4	469.5	469.6	469.8	469.9	470.1	469.6	469.1
120°	512.7	513.0	513.3	513.5	513.3	513.0	512.7	512.3	512.0	512.2	512.4
122.5°	554.6	554.9	555.2	555.4	555.3	555.2	555.0	554.9	554.7	554.4	554.0
125°	595.5	595.4	595.2	595.1	594.9	594.4	593.9	593.4	592.9	593.2	593.6
127.5°	632.9	633.0	633.2	633.3	633.4	633.5	633.7	633.8	634.0	633.2	632.4
130°	670.0	670.0	670.0	670.0	669.9	669.7	669.6	669.4	669.2	668.7	668.2
132.5°	704.8	704.9	705.1	705.2	705.1	704.9	704.8	704.6	704.4	703.7	703.1
135°	738.1	737.8	737.5	737.3	737.1	736.8	736.5	736.1	735.8	735.1	734.5
137.5°	768.4	768.5	768.7	768.8	768.6	768.3	768.0	767.6	767.3	766.5	765.6
140°	798.4	798.2	798.1	798.0	797.7	797.2	796.7	796.2	795.7	795.4	795.0
142.5°	824.2	824.2	824.2	824.2	824.0	823.7	823.4	823.0	822.7	822.5	822.3
145°	849.7	849.4	849.1	848.9	848.8	848.6	848.5	848.3	848.1	848.1	848.1
147.5°	871.7	871.6	871.4	871.3	871.2	871.1	870.9	870.8	870.6	870.8	870.9
150°	892.7	892.5	892.4	892.3	892.3	892.3	892.3	892.3	892.3	892.5	892.6
152.5°	911.4	911.5	911.7	911.8	911.6	911.3	911.0	910.6	910.3	910.6	911.0
155°	927.7	928.2	928.7	929.0	928.7	928.0	927.3	926.7	926.0	926.5	927.0
157.5°	941.8	942.7	943.5	943.9	943.5	942.7	941.8	941.0	940.2	940.9	941.5
160°	955.7	956.7	957.7	958.2	957.7	956.7	955.7	954.7	953.7	953.9	954.0
162.5°	966.5	967.7	968.8	969.4	968.9	967.9	966.9	965.9	964.9	965.1	965.3
165°	976.9	978.4	979.9	980.6	979.9	978.6	977.3	975.9	974.6	974.6	974.6
167.5°	984.7	986.4	988.1	988.9	988.1	986.6	985.1	983.6	982.1	982.3	982.5
170°	991.4	993.1	994.8	995.6	994.9	993.6	992.3	990.9	989.6	989.4	989.3
172.5°	995.5	997.4	999.2	1000.1	999.4	998.1	996.8	995.4	994.1	993.9	993.7
175°	998.8	1000.8	1002.8	1003.8	1003.1	1001.6	1000.1	998.6	997.1	996.9	996.7
177.5°	1000.3	1002.3	1004.3	1005.3	1004.6	1003.3	1002.0	1000.6	999.3	999.0	998.6
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1349.7	1344.4	1341.2	1340.1	1330.6	1325.3	1322.1	1320.0	1316.8	1308.3	1300.9
5°	1400.5	1385.7	1378.3	1369.8	1355.0	1338.0	1324.2	1315.7	1305.1	1288.2	1272.3
7.5°	1448.3	1426.0	1411.1	1399.5	1374.0	1346.5	1324.2	1306.2	1286.0	1262.7	1240.5
10°	1498.1	1462.0	1443.0	1424.9	1387.8	1351.8	1320.0	1293.5	1264.8	1234.1	1209.7
12.5°	1537.3	1489.6	1468.4	1443.0	1397.4	1355.0	1314.7	1278.6	1241.5	1208.6	1173.7
15°	1582.9	1523.5	1499.1	1466.3	1403.7	1348.6	1296.6	1257.4	1219.2	1170.5	1133.4
17.5°	1609.4	1540.5	1505.5	1476.9	1409.0	1342.2	1281.8	1233.0	1188.5	1139.7	1100.5
20°	1635.9	1557.5	1518.2	1477.9	1397.4	1326.3	1262.7	1204.4	1157.8	1104.7	1064.5
22.5°	1644.4	1553.2	1511.9	1474.8	1389.9	1310.4	1237.3	1177.9	1123.8	1070.8	1025.2
25°	1644.4	1552.2	1503.4	1455.7	1366.6	1285.0	1211.8	1147.2	1086.7	1033.7	988.1
27.5°	1627.4	1530.9	1480.1	1436.6	1344.4	1256.4	1181.1	1110.0	1051.7	998.7	946.8
30°	1606.2	1500.2	1449.3	1397.4	1308.3	1224.5	1142.9	1077.2	1015.7	955.3	908.6
32.5°	1579.7	1467.3	1411.1	1358.1	1263.8	1176.8	1101.6	1036.9	978.6	916.0	864.1
35°	1541.6	1418.6	1356.0	1309.4	1218.2	1128.1	1056.0	992.4	936.2	871.5	815.3
37.5°	1492.8	1374.0	1310.4	1253.2	1158.8	1076.1	1008.3	946.8	891.6	832.3	769.7
40°	1435.5	1311.5	1256.4	1195.9	1096.3	1017.8	954.2	899.1	843.9	787.7	727.3
42.5°	1370.9	1247.9	1186.4	1128.1	1032.6	955.3	895.9	846.1	795.2	743.2	678.5
45°	1293.5	1177.9	1118.5	1063.4	971.2	891.6	837.6	789.9	746.4	693.4	636.1
47.5°	1206.5	1105.8	1045.4	986.0	895.9	827.0	774.0	733.7	696.6	643.5	591.6
50°	1121.7	1022.0	973.3	912.8	830.1	765.5	711.4	677.5	648.9	596.9	550.3
52.5°	1014.6	939.3	892.7	840.7	761.2	695.5	653.1	623.4	589.5	549.2	507.8
55°	920.3	850.3	813.2	764.4	686.0	627.6	591.6	564.0	537.5	501.5	468.6
57.5°	813.2	769.7	732.6	690.2	612.8	563.0	531.2	507.8	483.5	453.8	427.3
60°	700.8	680.7	644.6	610.7	545.0	501.5	475.0	453.8	430.4	406.1	383.8
62.5°	601.1	589.5	568.3	541.8	480.3	443.2	416.7	400.8	383.8	361.5	340.3
65°	506.8	501.5	481.3	462.3	419.8	387.0	363.7	354.1	335.0	318.1	299.0
67.5°	423.0	416.7	405.0	396.5	360.5	329.7	318.1	305.3	289.4	276.7	260.8
70°	338.2	337.1	329.7	319.1	300.0	277.8	266.1	257.6	241.7	232.2	220.5
72.5°	262.9	268.2	261.9	257.6	244.9	229.0	218.4	213.1	200.4	193.0	184.5
75°	196.1	200.4	203.6	196.1	193.0	185.5	176.0	170.7	164.3	153.7	150.6
77.5°	133.6	143.1	143.1	145.2	146.3	142.1	134.6	130.4	123.0	120.9	116.6
80°	88.0	96.5	97.5	99.7	102.8	102.8	97.5	96.5	89.1	88.0	84.8
82.5°	50.9	58.3	62.6	65.7	64.7	68.9	64.7	63.6	59.4	59.4	57.3
85°	27.6	28.6	30.7	32.9	35.0	37.1	37.1	36.0	35.0	33.9	31.8
87.5°	10.6	10.6	11.7	10.6	11.7	13.8	14.8	14.8	13.8	12.7	10.6
90°	12.5	11.2	10.5	9.6	7.7	5.9	4.0	2.2	4.0	5.9	7.7
92.5°	11.7	10.4	9.7	9.9	10.2	10.5	10.9	11.2	10.9	10.5	10.2
95°	16.0	15.8	15.7	18.5	24.2	29.9	35.5	41.2	35.5	29.9	24.2
97.5°	68.9	86.4	95.1	93.3	89.6	85.9	82.3	78.6	82.3	85.9	89.6
100°	101.8	124.7	136.2	134.7	131.7	128.8	125.8	122.8	125.8	128.8	131.7
102.5°	184.2	182.2	181.2	180.2	178.2	176.2	174.2	172.2	174.2	176.2	178.2
105°	231.1	230.2	229.8	229.3	228.3	227.3	226.3	225.3	226.3	227.3	228.3
107.5°	278.0	276.8	276.2	276.0	275.5	275.0	274.5	274.0	274.5	275.0	275.5
110°	327.1	326.1	325.6	325.4	324.9	324.4	323.9	323.4	323.9	324.4	324.9

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	376.3	376.0	375.8	375.3	374.3	373.3	372.3	371.3	372.3	373.3	374.3
115°	422.7	422.8	422.9	422.7	422.2	421.7	421.2	420.7	421.2	421.7	422.2
117.5°	468.6	468.1	467.9	467.6	466.9	466.2	465.6	464.9	465.6	466.2	466.9
120°	512.5	512.7	512.8	512.5	511.8	511.1	510.5	509.8	510.5	511.1	511.8
122.5°	553.7	553.4	553.2	553.0	552.7	552.4	552.0	551.7	552.0	552.4	552.7
125°	593.9	594.2	594.4	594.1	593.4	592.7	592.1	591.4	592.1	592.7	593.4
127.5°	631.5	630.7	630.3	630.2	630.0	629.9	629.7	629.5	629.7	629.9	630.0
130°	667.7	667.2	667.0	666.9	666.7	666.6	666.4	666.2	666.4	666.6	666.7
132.5°	702.4	701.7	701.4	701.2	700.9	700.6	700.2	699.9	700.2	700.6	700.9
135°	733.8	733.1	732.8	732.9	733.1	733.2	733.4	733.6	733.4	733.2	733.1
137.5°	764.8	763.9	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.5
140°	794.7	794.4	794.2	794.0	793.7	793.4	793.0	792.7	793.0	793.4	793.7
142.5°	822.2	822.0	821.9	821.6	820.9	820.2	819.6	818.9	819.6	820.2	820.9
145°	848.1	848.1	848.1	847.9	847.4	846.9	846.4	845.9	846.4	846.9	847.4
147.5°	871.1	871.2	871.3	870.8	869.8	868.8	867.8	866.8	867.8	868.8	869.8
150°	892.8	892.9	893.0	892.7	892.0	891.3	890.7	890.0	890.7	891.3	892.0
152.5°	911.3	911.6	911.8	911.5	911.0	910.5	910.0	909.5	910.0	910.5	911.0
155°	927.5	928.0	928.2	928.1	928.0	927.8	927.7	927.5	927.7	927.8	928.0
157.5°	942.2	942.9	943.2	943.2	943.2	943.2	943.2	943.2	943.2	943.2	943.2
160°	954.2	954.3	954.4	954.7	955.2	955.7	956.2	956.7	956.2	955.7	955.2
162.5°	965.4	965.6	965.7	966.0	966.7	967.3	968.0	968.6	968.0	967.3	966.7
165°	974.6	974.6	974.6	975.0	975.9	976.7	977.6	978.4	977.6	976.7	975.9
167.5°	982.6	982.8	982.9	983.3	984.1	985.0	985.8	986.6	985.8	985.0	984.1
170°	989.1	989.0	988.9	989.4	990.4	991.3	992.3	993.3	992.3	991.3	990.4
172.5°	993.6	993.4	993.3	993.8	994.8	995.8	996.8	997.8	996.8	995.8	994.8
175°	996.6	996.4	996.3	996.8	997.8	998.8	999.8	1000.8	999.8	998.8	997.8
177.5°	998.3	998.0	997.8	998.4	999.6	1000.7	1001.9	1003.1	1001.9	1000.7	999.6
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1294.5	1292.4	1290.3	1281.8	1274.4	1261.7	1251.1	1246.8	1245.8	1246.8	1243.6
5°	1257.4	1256.4	1248.9	1234.1	1220.3	1205.5	1194.9	1184.3	1177.9	1177.9	1170.5
7.5°	1222.4	1215.0	1208.6	1189.6	1173.7	1153.5	1137.6	1128.1	1122.8	1111.1	1111.1
10°	1185.3	1174.7	1166.2	1148.2	1124.9	1104.7	1084.6	1072.9	1063.4	1054.9	1051.7
12.5°	1148.2	1139.7	1123.8	1104.7	1081.4	1056.0	1034.8	1026.3	1004.0	986.0	987.1
15°	1113.2	1094.1	1086.7	1059.2	1031.6	1007.2	976.5	952.1	934.0	922.4	907.5
17.5°	1074.0	1054.9	1041.1	1017.8	981.8	943.6	913.9	881.0	863.0	842.9	833.3
20°	1030.5	1014.6	1004.0	966.9	923.4	877.9	845.0	824.8	804.7	789.9	781.4
22.5°	993.4	973.3	960.6	910.7	863.0	817.4	792.0	775.0	758.1	745.3	741.1
25°	945.7	934.0	903.3	859.8	801.5	770.8	748.5	726.2	716.7	708.2	698.7
27.5°	906.5	877.9	856.7	799.4	763.4	728.4	706.1	689.1	677.5	669.0	661.6
30°	857.7	831.2	801.5	753.8	720.9	688.1	667.9	654.2	641.4	636.1	629.8
32.5°	806.8	782.4	753.8	715.6	675.4	649.9	634.0	619.2	610.7	605.4	598.0
35°	761.2	730.5	711.4	675.4	642.5	613.9	599.0	586.3	576.8	574.6	573.6
37.5°	712.5	689.1	671.1	634.0	606.4	582.1	568.3	554.5	549.2	548.1	543.9
40°	670.1	649.9	632.9	598.0	568.3	546.0	535.4	526.9	521.6	521.6	520.6
42.5°	632.9	611.7	594.8	563.0	536.5	516.3	504.7	496.2	494.1	495.1	494.1
45°	591.6	573.6	556.6	523.7	501.5	486.6	473.9	469.7	466.5	467.6	468.6
47.5°	552.4	537.5	520.6	494.1	468.6	452.7	445.3	441.0	441.0	441.0	443.2
50°	517.4	500.4	485.6	458.0	434.7	422.0	415.6	410.3	411.4	412.4	413.5
52.5°	476.0	461.2	450.6	423.0	406.1	390.2	382.7	383.8	382.7	382.7	384.9
55°	440.0	425.1	414.5	389.1	372.1	361.5	355.2	352.0	353.1	350.9	355.2
57.5°	399.7	387.0	379.6	355.2	340.3	330.8	325.5	320.2	322.3	321.2	320.2
60°	364.7	349.9	338.2	321.2	308.5	296.9	293.7	288.4	290.5	288.4	287.3
62.5°	324.4	312.8	304.3	287.3	276.7	267.2	259.8	256.6	255.5	252.3	249.2
65°	284.1	277.8	269.3	252.3	241.7	234.3	230.1	226.9	225.8	217.3	207.8
67.5°	247.0	242.8	234.3	221.6	212.0	204.6	198.3	193.0	186.6	180.2	174.9
70°	212.0	205.7	200.4	188.7	180.2	172.8	166.5	160.1	156.9	150.6	148.4
72.5°	178.1	171.8	166.5	155.9	148.4	141.0	138.9	131.5	128.3	127.2	127.2
75°	143.1	137.8	134.6	125.1	118.7	113.4	110.3	108.1	106.0	103.9	100.7
77.5°	109.2	106.0	103.9	97.5	92.2	89.1	88.0	80.6	78.5	76.3	74.2
80°	79.5	78.5	76.3	71.0	68.9	61.5	61.5	59.4	58.3	58.3	58.3
82.5°	54.1	52.0	50.9	45.6	44.5	43.5	42.4	41.3	42.4	41.3	42.4
85°	28.6	27.6	26.5	26.5	26.5	26.5	26.5	26.5	26.5	25.4	26.5
87.5°	10.6	10.6	10.6	10.6	9.5	10.6	10.6	9.5	10.6	10.6	10.6
90°	9.6	10.5	11.2	12.5	13.8	15.2	16.5	17.5	18.5	19.5	20.5
92.5°	9.9	9.7	10.4	11.7	13.0	14.4	15.7	16.7	17.7	18.7	19.7
95°	18.5	15.7	15.8	16.0	16.1	16.3	16.5	17.5	18.5	19.5	20.5
97.5°	93.3	95.1	86.4	68.9	51.4	34.0	16.5	17.3	18.1	19.0	19.8
100°	134.7	136.2	124.7	101.8	78.8	55.9	32.9	30.1	27.3	24.4	21.6
102.5°	180.2	181.2	182.2	184.2	186.1	188.1	190.1	152.7	115.3	77.8	40.4
105°	229.3	229.8	230.2	231.1	231.9	232.8	233.6	235.1	236.6	238.1	239.6
107.5°	276.0	276.2	276.8	278.0	279.1	280.3	281.5	282.3	283.1	284.0	284.8
110°	325.4	325.6	326.1	327.1	328.1	329.1	330.1	330.4	330.8	331.1	331.4

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	375.3	375.8	376.0	376.3	376.6	377.0	377.3	377.1	376.9	376.8	376.6
115°	422.7	422.9	422.8	422.7	422.5	422.4	422.2	422.5	422.9	423.2	423.5
117.5°	467.6	467.9	468.1	468.6	469.1	469.6	470.1	469.9	469.8	469.6	469.5
120°	512.5	512.8	512.7	512.5	512.4	512.2	512.0	512.3	512.7	513.0	513.3
122.5°	553.0	553.2	553.4	553.7	554.0	554.4	554.7	554.9	555.0	555.2	555.3
125°	594.1	594.4	594.2	593.9	593.6	593.2	592.9	593.4	593.9	594.4	594.9
127.5°	630.2	630.3	630.7	631.5	632.4	633.2	634.0	633.8	633.7	633.5	633.4
130°	666.9	667.0	667.2	667.7	668.2	668.7	669.2	669.4	669.6	669.7	669.9
132.5°	701.2	701.4	701.7	702.4	703.1	703.7	704.4	704.6	704.8	704.9	705.1
135°	732.9	732.8	733.1	733.8	734.5	735.1	735.8	736.1	736.5	736.8	737.1
137.5°	763.5	763.5	763.9	764.8	765.6	766.5	767.3	767.6	768.0	768.3	768.6
140°	794.0	794.2	794.4	794.7	795.0	795.4	795.7	796.2	796.7	797.2	797.7
142.5°	821.6	821.9	822.0	822.2	822.3	822.5	822.7	823.0	823.4	823.7	824.0
145°	847.9	848.1	848.1	848.1	848.1	848.1	848.1	848.3	848.5	848.6	848.8
147.5°	870.8	871.3	871.2	871.1	870.9	870.8	870.6	870.8	870.9	871.1	871.2
150°	892.7	893.0	892.9	892.8	892.6	892.5	892.3	892.3	892.3	892.3	892.3
152.5°	911.5	911.8	911.6	911.3	911.0	910.6	910.3	910.6	911.0	911.3	911.6
155°	928.1	928.2	928.0	927.5	927.0	926.5	926.0	926.7	927.3	928.0	928.7
157.5°	943.2	943.2	942.9	942.2	941.5	940.9	940.2	941.0	941.8	942.7	943.5
160°	954.7	954.4	954.3	954.2	954.0	953.9	953.7	954.7	955.7	956.7	957.7
162.5°	966.0	965.7	965.6	965.4	965.3	965.1	964.9	965.9	966.9	967.9	968.9
165°	975.0	974.6	974.6	974.6	974.6	974.6	974.6	975.9	977.3	978.6	979.9
167.5°	983.3	982.9	982.8	982.6	982.5	982.3	982.1	983.6	985.1	986.6	988.1
170°	989.4	988.9	989.0	989.1	989.3	989.4	989.6	990.9	992.3	993.6	994.9
172.5°	993.8	993.3	993.4	993.6	993.7	993.9	994.1	995.4	996.8	998.1	999.4
175°	996.8	996.3	996.4	996.6	996.7	996.9	997.1	998.6	1000.1	1001.6	1003.1
177.5°	998.4	997.8	998.0	998.3	998.6	999.0	999.3	1000.6	1002.0	1003.3	1004.6
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1243.6	1247.9	1242.6	1245.8	1238.3	1237.3	1238.3	1238.3	1239.4	1240.5	1241.5
5°	1173.7	1172.6	1166.2	1162.0	1158.8	1162.0	1164.1	1166.2	1164.1	1166.2	1167.3
7.5°	1107.9	1104.7	1101.6	1094.1	1096.3	1094.1	1100.5	1097.3	1097.3	1102.6	1106.9
10°	1049.6	1043.3	1041.1	1032.6	1026.3	1025.2	1032.6	1035.8	1039.0	1041.1	1049.6
12.5°	974.3	964.8	957.4	960.6	942.5	950.0	952.1	947.8	960.6	975.4	966.9
15°	893.8	894.8	880.0	874.7	859.8	864.1	865.1	875.7	886.3	885.3	898.0
17.5°	834.4	828.0	815.3	814.2	807.9	811.1	810.0	818.5	815.3	820.6	831.2
20°	779.3	775.0	764.4	760.2	762.3	760.2	761.2	762.3	765.5	777.1	775.0
22.5°	735.8	730.5	730.5	725.2	718.8	716.7	722.0	725.2	729.4	731.5	736.8
25°	697.6	693.4	688.1	684.9	679.6	680.7	683.8	688.1	691.3	695.5	699.7
27.5°	658.4	658.4	653.1	652.0	649.9	648.9	653.1	655.2	655.2	658.4	662.6
30°	627.6	627.6	622.3	621.3	620.2	620.2	623.4	624.5	625.5	628.7	630.8
32.5°	598.0	596.9	594.8	595.8	594.8	595.8	595.8	596.9	599.0	600.1	604.3
35°	570.4	571.5	569.3	569.3	568.3	569.3	571.5	572.5	573.6	575.7	575.7
37.5°	543.9	546.0	545.0	548.1	548.1	548.1	548.1	550.3	550.3	550.3	549.2
40°	520.6	520.6	519.5	521.6	523.7	523.7	524.8	524.8	525.9	525.9	524.8
42.5°	494.1	496.2	499.4	500.4	502.5	501.5	504.7	503.6	504.7	502.5	500.4
45°	469.7	469.7	473.9	478.2	479.2	479.2	479.2	481.3	479.2	476.0	475.0
47.5°	443.2	445.3	447.4	452.7	453.8	453.8	453.8	453.8	451.7	451.7	451.7
50°	416.7	417.7	418.8	420.9	424.1	423.0	423.0	423.0	427.3	423.0	424.1
52.5°	384.9	385.9	387.0	391.2	390.2	390.2	391.2	391.2	394.4	393.3	391.2
55°	353.1	353.1	355.2	355.2	355.2	357.3	358.4	360.5	359.4	360.5	361.5
57.5°	321.2	319.1	318.1	318.1	321.2	320.2	321.2	321.2	325.5	327.6	328.7
60°	284.1	284.1	283.1	276.7	276.7	275.7	278.8	281.0	283.1	292.6	291.6
62.5°	246.0	241.7	237.5	238.5	232.2	235.4	233.2	235.4	241.7	249.2	250.2
65°	207.8	204.6	200.4	199.3	197.2	200.4	199.3	200.4	203.6	207.8	213.1
67.5°	173.9	172.8	170.7	169.6	169.6	169.6	171.8	171.8	172.8	176.0	179.2
70°	148.4	147.4	148.4	146.3	147.4	146.3	147.4	148.4	149.5	150.6	153.7
72.5°	125.1	125.1	125.1	123.0	125.1	124.0	124.0	125.1	126.2	127.2	129.3
75°	99.7	97.5	95.4	93.3	92.2	94.4	95.4	94.4	97.5	101.8	101.8
77.5°	75.3	74.2	74.2	74.2	75.3	74.2	76.3	75.3	76.3	76.3	78.5
80°	58.3	57.3	58.3	58.3	57.3	59.4	58.3	58.3	59.4	60.4	59.4
82.5°	42.4	43.5	42.4	42.4	42.4	44.5	42.4	42.4	42.4	43.5	43.5
85°	26.5	26.5	26.5	26.5	27.6	26.5	27.6	26.5	28.6	27.6	27.6
87.5°	9.5	10.6	11.7	11.7	11.7	11.7	10.6	11.7	12.7	11.7	12.7
90°	21.0	21.2	21.5	21.8	22.2	22.5	22.2	21.8	21.5	21.2	21.0
92.5°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
95°	21.0	21.1	21.2	21.4	21.5	21.7	21.5	21.4	21.2	21.1	21.0
97.5°	20.2	20.3	20.5	20.6	20.8	21.0	20.8	20.6	20.5	20.3	20.2
100°	20.2	20.3	20.5	20.6	20.8	21.0	20.8	20.6	20.5	20.3	20.2
102.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
105°	240.3	237.3	231.3	225.3	219.3	213.3	219.3	225.3	231.3	237.3	240.3
107.5°	285.2	285.5	286.2	286.9	287.5	288.2	287.5	286.9	286.2	285.5	285.2
110°	331.6	331.9	332.4	332.9	333.4	333.9	333.4	332.9	332.4	331.9	331.6

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	376.5	376.8	377.5	378.2	378.8	379.5	378.8	378.2	377.5	376.8	376.5
115°	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7	423.7
117.5°	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4	469.4
120°	513.5	513.3	513.0	512.7	512.3	512.0	512.3	512.7	513.0	513.3	513.5
122.5°	555.4	555.2	554.9	554.6	554.2	553.9	554.2	554.6	554.9	555.2	555.4
125°	595.1	595.2	595.4	595.5	595.7	595.9	595.7	595.5	595.4	595.2	595.1
127.5°	633.3	633.2	633.0	632.9	632.7	632.5	632.7	632.9	633.0	633.2	633.3
130°	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0
132.5°	705.2	705.1	704.9	704.8	704.6	704.4	704.6	704.8	704.9	705.1	705.2
135°	737.3	737.5	737.8	738.1	738.5	738.8	738.5	738.1	737.8	737.5	737.3
137.5°	768.8	768.7	768.5	768.4	768.2	768.0	768.2	768.4	768.5	768.7	768.8
140°	798.0	798.1	798.2	798.4	798.5	798.7	798.5	798.4	798.2	798.1	798.0
142.5°	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2
145°	848.9	849.1	849.4	849.7	850.1	850.4	850.1	849.7	849.4	849.1	848.9
147.5°	871.3	871.4	871.6	871.7	871.9	872.1	871.9	871.7	871.6	871.4	871.3
150°	892.3	892.4	892.5	892.7	892.8	893.0	892.8	892.7	892.5	892.4	892.3
152.5°	911.8	911.7	911.5	911.4	911.2	911.0	911.2	911.4	911.5	911.7	911.8
155°	929.0	928.7	928.2	927.7	927.2	926.7	927.2	927.7	928.2	928.7	929.0
157.5°	943.9	943.5	942.7	941.8	941.0	940.2	941.0	941.8	942.7	943.5	943.9
160°	958.2	957.7	956.7	955.7	954.7	953.7	954.7	955.7	956.7	957.7	958.2
162.5°	969.4	968.8	967.7	966.5	965.4	964.2	965.4	966.5	967.7	968.8	969.4
165°	980.6	979.9	978.4	976.9	975.4	973.9	975.4	976.9	978.4	979.9	980.6
167.5°	988.9	988.1	986.4	984.7	983.1	981.4	983.1	984.7	986.4	988.1	988.9
170°	995.6	994.8	993.1	991.4	989.8	988.1	989.8	991.4	993.1	994.8	995.6
172.5°	1000.1	999.2	997.4	995.5	993.7	991.9	993.7	995.5	997.4	999.2	1000.1
175°	1003.8	1002.8	1000.8	998.8	996.8	994.8	996.8	998.8	1000.8	1002.8	1003.8
177.5°	1005.3	1004.3	1002.3	1000.3	998.3	996.3	998.3	1000.3	1002.3	1004.3	1005.3
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1245.8	1251.1	1248.9	1241.5	1244.7	1251.1	1257.4	1265.9	1271.2	1275.4	1277.6
5°	1172.6	1182.1	1180.0	1180.0	1184.3	1194.9	1205.5	1223.5	1229.8	1237.3	1247.9
7.5°	1107.9	1115.3	1121.7	1123.8	1130.2	1144.0	1157.8	1177.9	1193.8	1202.3	1208.6
10°	1050.7	1056.0	1065.5	1070.8	1077.2	1094.1	1114.3	1135.5	1151.4	1166.2	1174.7
12.5°	977.5	998.7	1011.4	1019.9	1028.4	1053.9	1069.8	1093.1	1112.2	1125.9	1138.7
15°	895.9	921.3	928.7	961.6	982.8	1003.0	1027.3	1054.9	1072.9	1088.8	1105.8
17.5°	827.0	845.0	853.5	888.5	906.5	938.3	973.3	1008.3	1035.8	1047.5	1064.5
20°	783.5	793.0	810.0	821.7	840.7	877.9	916.0	958.4	999.8	1011.4	1028.4
22.5°	739.0	751.7	763.4	779.3	794.1	819.5	857.7	904.4	948.9	970.1	990.2
25°	698.7	711.4	718.8	735.8	749.6	775.0	801.5	849.2	902.2	920.3	952.1
27.5°	666.9	674.3	687.0	694.4	710.3	733.7	758.1	794.1	846.1	876.8	907.5
30°	635.1	640.4	651.0	661.6	673.2	689.1	716.7	751.7	799.4	825.9	856.7
32.5°	603.3	611.7	618.1	625.5	638.2	657.3	676.4	710.3	748.5	778.2	808.9
35°	576.8	579.9	588.4	596.9	605.4	622.3	642.5	675.4	709.3	732.6	760.2
37.5°	548.1	553.4	559.8	563.0	576.8	587.4	608.6	634.0	674.3	689.1	716.7
40°	525.9	524.8	531.2	536.5	542.8	559.8	572.5	600.1	631.9	655.2	672.2
42.5°	498.3	498.3	500.4	506.8	515.3	525.9	540.7	564.0	596.9	613.9	634.0
45°	476.0	472.9	473.9	478.2	483.5	494.1	508.9	529.0	561.9	575.7	596.9
47.5°	449.5	446.4	446.4	450.6	454.8	462.3	473.9	497.2	523.7	541.8	557.7
50°	419.8	420.9	419.8	423.0	425.1	432.6	445.3	464.4	488.8	503.6	521.6
52.5°	392.3	390.2	389.1	391.2	395.5	400.8	414.5	431.5	454.8	469.7	485.6
55°	358.4	360.5	360.5	360.5	366.8	369.0	379.6	396.5	419.8	431.5	446.4
57.5°	327.6	326.5	328.7	327.6	332.9	340.3	348.8	361.5	384.9	396.5	410.3
60°	293.7	294.7	295.8	295.8	300.0	307.5	317.0	328.7	347.8	359.4	372.1
62.5°	252.3	257.6	262.9	265.1	271.4	276.7	283.1	295.8	312.8	321.2	332.9
65°	213.1	220.5	227.9	233.2	237.5	242.8	251.3	262.9	276.7	285.2	296.9
67.5°	179.2	184.5	194.0	199.3	207.8	214.2	219.5	229.0	246.0	249.2	258.7
70°	154.8	156.9	161.2	165.4	174.9	180.2	186.6	196.1	208.9	216.3	221.6
72.5°	130.4	131.5	133.6	137.8	142.1	148.4	155.9	164.3	176.0	179.2	186.6
75°	103.9	110.3	110.3	113.4	116.6	119.8	126.2	134.6	142.1	147.4	151.6
77.5°	77.4	80.6	82.7	88.0	92.2	95.4	99.7	106.0	110.3	114.5	117.7
80°	60.4	61.5	62.6	62.6	64.7	68.9	73.2	77.4	82.7	84.8	88.0
82.5°	44.5	44.5	44.5	46.6	47.7	48.8	48.8	50.9	56.2	58.3	61.5
85°	28.6	28.6	28.6	28.6	29.7	30.7	31.8	32.9	32.9	32.9	35.0
87.5°	11.7	13.8	12.7	13.8	13.8	13.8	13.8	14.8	14.8	15.9	15.9
90°	20.5	19.5	18.5	17.5	16.5	15.2	13.8	12.5	11.2	10.5	9.6
92.5°	19.7	18.7	17.7	16.7	15.7	14.4	13.0	11.7	10.4	9.7	9.9
95°	20.5	19.5	18.5	17.5	16.5	16.3	16.1	16.0	15.8	15.7	18.5
97.5°	19.8	19.0	18.1	17.3	16.5	34.0	51.4	68.9	86.4	95.1	93.3
100°	21.6	24.4	27.3	30.1	32.9	55.9	78.8	101.8	124.7	136.2	134.7
102.5°	40.4	77.8	115.3	152.7	190.1	188.1	186.1	184.2	182.2	181.2	180.2
105°	239.6	238.1	236.6	235.1	233.6	232.8	231.9	231.1	230.2	229.8	229.3
107.5°	284.8	284.0	283.1	282.3	281.5	280.3	279.1	278.0	276.8	276.2	276.0
110°	331.4	331.1	330.8	330.4	330.1	329.1	328.1	327.1	326.1	325.6	325.4

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	376.6	376.8	376.9	377.1	377.3	377.0	376.6	376.3	376.0	375.8	375.3
115°	423.5	423.2	422.9	422.5	422.2	422.4	422.5	422.7	422.8	422.9	422.7
117.5°	469.5	469.6	469.8	469.9	470.1	469.6	469.1	468.6	468.1	467.9	467.6
120°	513.3	513.0	512.7	512.3	512.0	512.2	512.4	512.5	512.7	512.8	512.5
122.5°	555.3	555.2	555.0	554.9	554.7	554.4	554.0	553.7	553.4	553.2	553.0
125°	594.9	594.4	593.9	593.4	592.9	593.2	593.6	593.9	594.2	594.4	594.1
127.5°	633.4	633.5	633.7	633.8	634.0	633.2	632.4	631.5	630.7	630.3	630.2
130°	669.9	669.7	669.6	669.4	669.2	668.7	668.2	667.7	667.2	667.0	666.9
132.5°	705.1	704.9	704.8	704.6	704.4	703.7	703.1	702.4	701.7	701.4	701.2
135°	737.1	736.8	736.5	736.1	735.8	735.1	734.5	733.8	733.1	732.8	732.9
137.5°	768.6	768.3	768.0	767.6	767.3	766.5	765.6	764.8	763.9	763.5	763.5
140°	797.7	797.2	796.7	796.2	795.7	795.4	795.0	794.7	794.4	794.2	794.0
142.5°	824.0	823.7	823.4	823.0	822.7	822.5	822.3	822.2	822.0	821.9	821.6
145°	848.8	848.6	848.5	848.3	848.1	848.1	848.1	848.1	848.1	848.1	847.9
147.5°	871.2	871.1	870.9	870.8	870.6	870.8	870.9	871.1	871.2	871.3	870.8
150°	892.3	892.3	892.3	892.3	892.3	892.5	892.6	892.8	892.9	893.0	892.7
152.5°	911.6	911.3	911.0	910.6	910.3	910.6	911.0	911.3	911.6	911.8	911.5
155°	928.7	928.0	927.3	926.7	926.0	926.5	927.0	927.5	928.0	928.2	928.1
157.5°	943.5	942.7	941.8	941.0	940.2	940.9	941.5	942.2	942.9	943.2	943.2
160°	957.7	956.7	955.7	954.7	953.7	953.9	954.0	954.2	954.3	954.4	954.7
162.5°	968.9	967.9	966.9	965.9	964.9	965.1	965.3	965.4	965.6	965.7	966.0
165°	979.9	978.6	977.3	975.9	974.6	974.6	974.6	974.6	974.6	974.6	975.0
167.5°	988.1	986.6	985.1	983.6	982.1	982.3	982.5	982.6	982.8	982.9	983.3
170°	994.9	993.6	992.3	990.9	989.6	989.4	989.3	989.1	989.0	988.9	989.4
172.5°	999.4	998.1	996.8	995.4	994.1	993.9	993.7	993.6	993.4	993.3	993.8
175°	1003.1	1001.6	1000.1	998.6	997.1	996.9	996.7	996.6	996.4	996.3	996.8
177.5°	1004.6	1003.3	1002.0	1000.6	999.3	999.0	998.6	998.3	998.0	997.8	998.4
180°	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8	1000.8

TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1315.7	1315.7	1315.7	1315.7
2.5°	1286.0	1292.4	1303.0	1317.8
5°	1256.4	1274.4	1291.3	1313.6
7.5°	1229.8	1251.1	1274.4	1306.2
10°	1199.1	1225.6	1255.3	1294.5
12.5°	1163.1	1200.2	1234.1	1276.5
15°	1136.5	1164.1	1207.6	1257.4
17.5°	1099.4	1136.5	1180.0	1236.2
20°	1064.5	1103.7	1152.5	1210.8
22.5°	1027.3	1071.9	1120.6	1183.2
25°	989.2	1036.9	1085.7	1152.5
27.5°	954.2	997.7	1052.8	1120.6
30°	911.8	961.6	1014.6	1085.7
32.5°	870.4	922.4	976.5	1047.5
35°	825.9	877.9	937.2	1005.1
37.5°	782.4	839.7	893.8	959.5
40°	734.7	794.1	850.3	917.1
42.5°	688.1	749.6	805.8	863.0
45°	644.6	705.0	755.9	810.0
47.5°	603.3	657.3	709.3	758.1
50°	563.0	608.6	656.3	696.6
52.5°	520.6	564.0	602.2	638.2
55°	482.4	516.3	550.3	583.1
57.5°	436.8	470.7	500.4	525.9
60°	398.6	419.8	448.5	475.0
62.5°	355.2	379.6	401.8	418.8
65°	312.8	334.0	350.9	365.8
67.5°	276.7	289.4	302.2	318.1
70°	233.2	243.8	258.7	270.4
72.5°	196.1	204.6	212.0	225.8
75°	159.0	166.5	170.7	183.4
77.5°	123.0	130.4	133.6	141.0
80°	94.4	95.4	99.7	106.0
82.5°	64.7	66.8	67.9	73.2
85°	37.1	42.4	41.3	43.5
87.5°	15.9	17.0	19.1	21.2
90°	7.7	5.9	4.0	2.2
92.5°	10.2	10.5	10.9	11.2
95°	24.2	29.9	35.5	41.2
97.5°	89.6	85.9	82.3	78.6
100°	131.7	128.8	125.8	122.8
102.5°	178.2	176.2	174.2	172.2
105°	228.3	227.3	226.3	225.3
107.5°	275.5	275.0	274.5	274.0
110°	324.9	324.4	323.9	323.4



TEST NUMBER: P1033080

CATALOG NUMBER: S124RDIW-B795D770UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	374.3	373.3	372.3	371.3
115°	422.2	421.7	421.2	420.7
117.5°	466.9	466.2	465.6	464.9
120°	511.8	511.1	510.5	509.8
122.5°	552.7	552.4	552.0	551.7
125°	593.4	592.7	592.1	591.4
127.5°	630.0	629.9	629.7	629.5
130°	666.7	666.6	666.4	666.2
132.5°	700.9	700.6	700.2	699.9
135°	733.1	733.2	733.4	733.6
137.5°	763.5	763.5	763.5	763.5
140°	793.7	793.4	793.0	792.7
142.5°	820.9	820.2	819.6	818.9
145°	847.4	846.9	846.4	845.9
147.5°	869.8	868.8	867.8	866.8
150°	892.0	891.3	890.7	890.0
152.5°	911.0	910.5	910.0	909.5
155°	928.0	927.8	927.7	927.5
157.5°	943.2	943.2	943.2	943.2
160°	955.2	955.7	956.2	956.7
162.5°	966.7	967.3	968.0	968.6
165°	975.9	976.7	977.6	978.4
167.5°	984.1	985.0	985.8	986.6
170°	990.4	991.3	992.3	993.3
172.5°	994.8	995.8	996.8	997.8
175°	997.8	998.8	999.8	1000.8
177.5°	999.6	1000.7	1001.9	1003.1
180°	1000.8	1000.8	1000.8	1000.8

(END OF REPORT)