

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: P1013438

Luminaire Tested: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1013438
REPORT IS A COMBINATION OF REPORTS P999789 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K
Description: Define 4 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

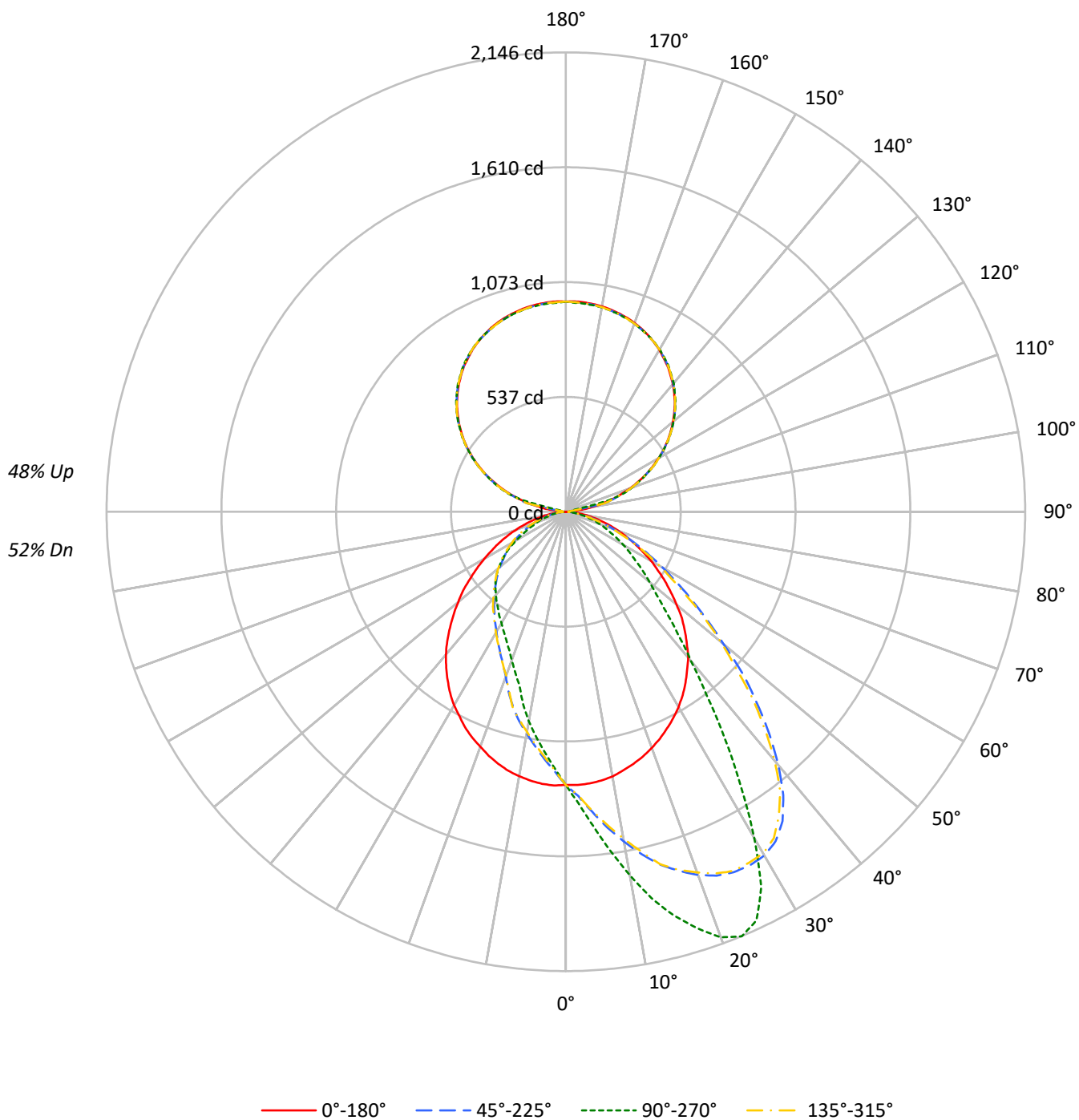
Lumens per Lamp: N/A
Luminaire Lumens: 6265.0 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 57
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					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	58	58	58
1	99	94	91	87	91	88	84	81	75	72	70	63	61	60	52	51	50	50	50	44
2	90	83	77	72	83	77	72	68	66	62	59	56	53	50	46	44	42	42	42	38
3	83	73	66	61	76	68	62	57	58	54	50	49	46	43	41	39	37	37	37	33
4	76	65	58	52	70	61	54	49	52	47	43	44	40	37	37	34	32	32	32	28
5	70	58	50	45	64	54	47	42	47	41	37	40	36	33	34	30	28	28	28	25
6	64	52	45	39	59	49	42	37	42	37	33	36	32	29	31	27	25	25	25	22
7	60	47	40	34	55	44	37	32	39	33	29	33	29	26	28	25	22	22	22	20
8	55	43	36	30	51	40	34	29	35	30	26	30	26	23	26	22	20	20	20	18
9	52	39	32	27	48	37	30	26	32	27	23	28	24	21	24	21	18	18	18	16
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	22	19	17	17	17	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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.5	2.0
10°-20°	373.1	6.0
20°-30°	584.4	9.3
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°	37.1	0.6
90°-100°	32.6	0.5
100°-110°	214.6	3.4
110°-120°	409.8	6.5
120°-130°	520.3	8.3
130°-140°	556.6	8.9
140°-150°	520.4	8.3
150°-160°	419.7	6.7
160°-170°	270.7	4.3
170°-180°	93.3	1.5
0°-30°	1081.0	17.3
0°-40°	1729.9	27.6
0°-60°	2753.0	43.9
0°-90°	3227.0	51.5
90°-120°	657.0	10.5
90°-150°	2254.3	36.0
90°-180°	3038.0	48.5
0°-180°	6265.0	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	50
105°	221	209	221	209	221	231
115°	413	416	413	416	413	406
125°	580	584	580	584	580	518
135°	720	725	720	725	720	554
145°	830	834	830	834	830	518
155°	910	909	910	909	910	420
165°	960	955	960	955	960	271
175°	982	976	982	976	982	93
180°	982	982	982	982	982	

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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	7.6	9.4	10.3	11.0	12.3	13.6	14.9	16.2
92.5°	11.0	10.7	10.3	10.0	9.7	9.5	10.2	11.5	12.8	14.1	15.4
95°	40.4	34.8	29.3	23.7	18.2	15.4	15.5	15.7	15.8	16.0	16.2
97.5°	77.1	80.7	84.3	87.9	91.5	93.3	84.7	67.6	50.5	33.3	16.2
100°	120.4	123.3	126.3	129.2	132.1	133.6	122.3	99.8	77.3	54.8	32.3
102.5°	168.9	170.9	172.8	174.8	176.7	177.7	178.7	180.6	182.6	184.5	186.5
105°	221.0	222.0	223.0	223.9	224.9	225.4	225.8	226.6	227.5	228.3	229.1
107.5°	268.8	269.3	269.8	270.3	270.8	271.0	271.6	272.7	273.8	275.0	276.1
110°	317.2	317.7	318.2	318.7	319.2	319.4	319.9	320.9	321.8	322.8	323.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	364.2	365.2	366.2	367.1	368.1	368.6	368.8	369.1	369.4	369.8	370.1
115°	412.7	413.2	413.7	414.2	414.7	414.9	414.8	414.7	414.5	414.4	414.2
117.5°	456.0	456.6	457.3	457.9	458.6	458.9	459.2	459.7	460.2	460.7	461.2
120°	500.1	500.7	501.4	502.0	502.7	503.0	502.9	502.8	502.6	502.5	502.3
122.5°	541.2	541.5	541.9	542.2	542.5	542.7	542.9	543.2	543.5	543.8	544.1
125°	580.1	580.7	581.4	582.0	582.7	583.0	582.8	582.5	582.2	581.9	581.6
127.5°	617.6	617.8	617.9	618.1	618.2	618.3	618.7	619.5	620.4	621.2	622.0
130°	653.5	653.7	653.9	654.0	654.2	654.3	654.5	655.0	655.5	656.0	656.5
132.5°	686.6	686.9	687.3	687.6	687.9	688.1	688.4	689.1	689.7	690.4	691.0
135°	719.6	719.4	719.3	719.1	719.0	718.9	719.2	719.9	720.5	721.2	721.8
137.5°	749.0	749.0	749.0	749.0	749.0	749.0	749.4	750.2	751.1	751.9	752.7
140°	777.6	777.9	778.3	778.6	778.9	779.1	779.3	779.6	779.9	780.3	780.6
142.5°	803.3	804.0	804.6	805.3	806.0	806.3	806.4	806.5	806.7	806.8	807.0
145°	829.8	830.3	830.8	831.3	831.8	832.0	832.0	832.0	832.0	832.0	832.0
147.5°	850.3	851.3	852.3	853.2	854.2	854.7	854.6	854.5	854.3	854.2	854.0
150°	873.1	873.7	874.4	875.0	875.7	876.0	875.9	875.8	875.6	875.5	875.3
152.5°	892.2	892.7	893.2	893.7	894.2	894.4	894.2	893.9	893.6	893.2	892.9
155°	909.8	910.0	910.2	910.3	910.5	910.6	910.3	909.8	909.3	908.8	908.3
157.5°	925.2	925.2	925.2	925.2	925.2	925.2	924.9	924.2	923.6	922.9	922.3
160°	938.5	938.0	937.5	937.0	936.5	936.3	936.2	936.0	935.9	935.7	935.5
162.5°	950.2	949.6	948.9	948.3	947.6	947.3	947.2	947.0	946.9	946.7	946.5
165°	959.8	959.0	958.2	957.3	956.5	956.1	956.1	956.1	956.1	956.1	956.1
167.5°	967.8	967.0	966.2	965.4	964.6	964.2	964.1	963.9	963.8	963.6	963.4
170°	974.4	973.4	972.4	971.5	970.5	970.0	970.1	970.3	970.4	970.6	970.8
172.5°	978.8	977.8	976.8	975.9	974.9	974.4	974.5	974.7	974.8	975.0	975.2
175°	981.8	980.8	979.8	978.9	977.9	977.4	977.5	977.6	977.8	977.9	978.1
177.5°	984.0	982.8	981.7	980.5	979.4	978.8	979.0	979.3	979.6	980.0	980.3
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

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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°	17.2	18.2	19.1	20.1	20.6	20.8	21.1	21.4	21.7	22.0	21.7
92.5°	16.4	17.4	18.3	19.3	19.8	19.8	19.8	19.8	19.8	19.8	19.8
95°	17.2	18.2	19.1	20.1	20.6	20.7	20.8	21.0	21.1	21.3	21.1
97.5°	17.0	17.8	18.6	19.4	19.8	19.9	20.1	20.2	20.4	20.6	20.4
100°	29.5	26.7	24.0	21.2	19.8	19.9	20.1	20.2	20.4	20.6	20.4
102.5°	149.8	113.1	76.4	39.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3
105°	230.6	232.0	233.5	235.0	235.7	232.8	226.9	221.0	215.2	209.3	215.2
107.5°	276.9	277.7	278.6	279.4	279.8	280.1	280.8	281.4	282.1	282.7	282.1
110°	324.1	324.5	324.8	325.1	325.3	325.5	326.0	326.5	327.0	327.5	327.0

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	369.9	369.8	369.6	369.5	369.4	369.7	370.4	371.0	371.7	372.3	371.7
115°	414.5	414.8	415.1	415.4	415.6	415.6	415.6	415.6	415.6	415.6	415.6
117.5°	461.0	460.8	460.7	460.5	460.4	460.4	460.4	460.4	460.4	460.4	460.4
120°	502.6	502.9	503.2	503.5	503.7	503.5	503.2	502.9	502.6	502.3	502.6
122.5°	544.3	544.5	544.6	544.8	544.9	544.7	544.4	544.1	543.7	543.4	543.7
125°	582.1	582.6	583.1	583.6	583.8	583.9	584.0	584.2	584.3	584.5	584.3
127.5°	621.8	621.6	621.5	621.3	621.2	621.1	621.0	620.8	620.7	620.5	620.7
130°	656.7	656.8	657.0	657.1	657.2	657.2	657.2	657.2	657.2	657.2	657.2
132.5°	691.2	691.3	691.5	691.6	691.7	691.6	691.5	691.3	691.2	691.0	691.2
135°	722.1	722.5	722.8	723.1	723.3	723.5	723.8	724.1	724.5	724.8	724.5
137.5°	753.0	753.3	753.6	753.9	754.1	754.0	753.9	753.7	753.6	753.4	753.6
140°	781.1	781.6	782.1	782.6	782.8	782.9	783.0	783.2	783.3	783.5	783.3
142.5°	807.3	807.7	808.0	808.3	808.5	808.5	808.5	808.5	808.5	808.5	808.5
145°	832.2	832.3	832.5	832.6	832.7	832.9	833.2	833.5	833.9	834.2	833.9
147.5°	854.2	854.3	854.5	854.6	854.7	854.8	855.0	855.1	855.3	855.5	855.3
150°	875.3	875.3	875.3	875.3	875.3	875.4	875.5	875.7	875.8	876.0	875.8
152.5°	893.2	893.6	893.9	894.2	894.4	894.3	894.2	894.0	893.9	893.7	893.9
155°	909.0	909.6	910.3	911.0	911.3	911.1	910.6	910.1	909.6	909.1	909.6
157.5°	923.1	923.9	924.8	925.6	926.0	925.6	924.8	923.9	923.1	922.3	923.1
160°	936.5	937.5	938.4	939.4	939.9	939.4	938.4	937.5	936.5	935.5	936.5
162.5°	947.5	948.5	949.4	950.4	950.9	950.3	949.2	948.1	946.9	945.8	946.9
165°	957.4	958.7	960.0	961.3	962.0	961.3	959.8	958.3	956.8	955.3	956.8
167.5°	964.9	966.3	967.8	969.3	970.0	969.2	967.6	965.9	964.3	962.7	964.3
170°	972.1	973.4	974.7	976.0	976.6	975.8	974.2	972.5	970.9	969.3	970.9
172.5°	976.5	977.8	979.1	980.4	981.0	980.1	978.3	976.6	974.8	973.0	974.8
175°	979.6	981.0	982.5	984.0	984.7	983.7	981.8	979.8	977.9	975.9	977.9
177.5°	981.6	982.9	984.2	985.5	986.2	985.2	983.3	981.3	979.4	977.4	979.4
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-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°	21.4	21.1	20.8	20.6	20.1	19.1	18.2	17.2	16.2	14.9	13.6
92.5°	19.8	19.8	19.8	19.8	19.3	18.3	17.4	16.4	15.4	14.1	12.8
95°	21.0	20.8	20.7	20.6	20.1	19.1	18.2	17.2	16.2	16.0	15.8
97.5°	20.2	20.1	19.9	19.8	19.4	18.6	17.8	17.0	16.2	33.3	50.5
100°	20.2	20.1	19.9	19.8	21.2	24.0	26.7	29.5	32.3	54.8	77.3
102.5°	21.3	21.3	21.3	21.3	39.7	76.4	113.1	149.8	186.5	184.5	182.6
105°	221.0	226.9	232.8	235.7	235.0	233.5	232.0	230.6	229.1	228.3	227.5
107.5°	281.4	280.8	280.1	279.8	279.4	278.6	277.7	276.9	276.1	275.0	273.8
110°	326.5	326.0	325.5	325.3	325.1	324.8	324.5	324.1	323.8	322.8	321.8

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	371.0	370.4	369.7	369.4	369.5	369.6	369.8	369.9	370.1	369.8	369.4
115°	415.6	415.6	415.6	415.6	415.4	415.1	414.8	414.5	414.2	414.4	414.5
117.5°	460.4	460.4	460.4	460.4	460.5	460.7	460.8	461.0	461.2	460.7	460.2
120°	502.9	503.2	503.5	503.7	503.5	503.2	502.9	502.6	502.3	502.5	502.6
122.5°	544.1	544.4	544.7	544.9	544.8	544.6	544.5	544.3	544.1	543.8	543.5
125°	584.2	584.0	583.9	583.8	583.6	583.1	582.6	582.1	581.6	581.9	582.2
127.5°	620.8	621.0	621.1	621.2	621.3	621.5	621.6	621.8	622.0	621.2	620.4
130°	657.2	657.2	657.2	657.2	657.1	657.0	656.8	656.7	656.5	656.0	655.5
132.5°	691.3	691.5	691.6	691.7	691.6	691.5	691.3	691.2	691.0	690.4	689.7
135°	724.1	723.8	723.5	723.3	723.1	722.8	722.5	722.1	721.8	721.2	720.5
137.5°	753.7	753.9	754.0	754.1	753.9	753.6	753.3	753.0	752.7	751.9	751.1
140°	783.2	783.0	782.9	782.8	782.6	782.1	781.6	781.1	780.6	780.3	779.9
142.5°	808.5	808.5	808.5	808.5	808.3	808.0	807.7	807.3	807.0	806.8	806.7
145°	833.5	833.2	832.9	832.7	832.6	832.5	832.3	832.2	832.0	832.0	832.0
147.5°	855.1	855.0	854.8	854.7	854.6	854.5	854.3	854.2	854.0	854.2	854.3
150°	875.7	875.5	875.4	875.3	875.3	875.3	875.3	875.3	875.3	875.5	875.6
152.5°	894.0	894.2	894.3	894.4	894.2	893.9	893.6	893.2	892.9	893.2	893.6
155°	910.1	910.6	911.1	911.3	911.0	910.3	909.6	909.0	908.3	908.8	909.3
157.5°	923.9	924.8	925.6	926.0	925.6	924.8	923.9	923.1	922.3	922.9	923.6
160°	937.5	938.4	939.4	939.9	939.4	938.4	937.5	936.5	935.5	935.7	935.9
162.5°	948.1	949.2	950.3	950.9	950.4	949.4	948.5	947.5	946.5	946.7	946.9
165°	958.3	959.8	961.3	962.0	961.3	960.0	958.7	957.4	956.1	956.1	956.1
167.5°	965.9	967.6	969.2	970.0	969.3	967.8	966.3	964.9	963.4	963.6	963.8
170°	972.5	974.2	975.8	976.6	976.0	974.7	973.4	972.1	970.8	970.6	970.4
172.5°	976.6	978.3	980.1	981.0	980.4	979.1	977.8	976.5	975.2	975.0	974.8
175°	979.8	981.8	983.7	984.7	984.0	982.5	981.0	979.6	978.1	977.9	977.8
177.5°	981.3	983.3	985.2	986.2	985.5	984.2	982.9	981.6	980.3	980.0	979.6
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

TEST NUMBER: P1013438

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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°	12.3	11.0	10.3	9.4	7.6	5.8	4.0	2.2	4.0	5.8	7.6
92.5°	11.5	10.2	9.5	9.7	10.0	10.3	10.7	11.0	10.7	10.3	10.0
95°	15.7	15.5	15.4	18.2	23.7	29.3	34.8	40.4	34.8	29.3	23.7
97.5°	67.6	84.7	93.3	91.5	87.9	84.3	80.7	77.1	80.7	84.3	87.9
100°	99.8	122.3	133.6	132.1	129.2	126.3	123.3	120.4	123.3	126.3	129.2
102.5°	180.6	178.7	177.7	176.7	174.8	172.8	170.9	168.9	170.9	172.8	174.8
105°	226.6	225.8	225.4	224.9	223.9	223.0	222.0	221.0	222.0	223.0	223.9
107.5°	272.7	271.6	271.0	270.8	270.3	269.8	269.3	268.8	269.3	269.8	270.3
110°	320.9	319.9	319.4	319.2	318.7	318.2	317.7	317.2	317.7	318.2	318.7

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	369.1	368.8	368.6	368.1	367.1	366.2	365.2	364.2	365.2	366.2	367.1
115°	414.7	414.8	414.9	414.7	414.2	413.7	413.2	412.7	413.2	413.7	414.2
117.5°	459.7	459.2	458.9	458.6	457.9	457.3	456.6	456.0	456.6	457.3	457.9
120°	502.8	502.9	503.0	502.7	502.0	501.4	500.7	500.1	500.7	501.4	502.0
122.5°	543.2	542.9	542.7	542.5	542.2	541.9	541.5	541.2	541.5	541.9	542.2
125°	582.5	582.8	583.0	582.7	582.0	581.4	580.7	580.1	580.7	581.4	582.0
127.5°	619.5	618.7	618.3	618.2	618.1	617.9	617.8	617.6	617.8	617.9	618.1
130°	655.0	654.5	654.3	654.2	654.0	653.9	653.7	653.5	653.7	653.9	654.0
132.5°	689.1	688.4	688.1	687.9	687.6	687.3	686.9	686.6	686.9	687.3	687.6
135°	719.9	719.2	718.9	719.0	719.1	719.3	719.4	719.6	719.4	719.3	719.1
137.5°	750.2	749.4	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0
140°	779.6	779.3	779.1	778.9	778.6	778.3	777.9	777.6	777.9	778.3	778.6
142.5°	806.5	806.4	806.3	806.0	805.3	804.6	804.0	803.3	804.0	804.6	805.3
145°	832.0	832.0	832.0	831.8	831.3	830.8	830.3	829.8	830.3	830.8	831.3
147.5°	854.5	854.6	854.7	854.2	853.2	852.3	851.3	850.3	851.3	852.3	853.2
150°	875.8	875.9	876.0	875.7	875.0	874.4	873.7	873.1	873.7	874.4	875.0
152.5°	893.9	894.2	894.4	894.2	893.7	893.2	892.7	892.2	892.7	893.2	893.7
155°	909.8	910.3	910.6	910.5	910.3	910.2	910.0	909.8	910.0	910.2	910.3
157.5°	924.2	924.9	925.2	925.2	925.2	925.2	925.2	925.2	925.2	925.2	925.2
160°	936.0	936.2	936.3	936.5	937.0	937.5	938.0	938.5	938.0	937.5	937.0
162.5°	947.0	947.2	947.3	947.6	948.3	948.9	949.6	950.2	949.6	948.9	948.3
165°	956.1	956.1	956.1	956.5	957.3	958.2	959.0	959.8	959.0	958.2	957.3
167.5°	963.9	964.1	964.2	964.6	965.4	966.2	967.0	967.8	967.0	966.2	965.4
170°	970.3	970.1	970.0	970.5	971.5	972.4	973.4	974.4	973.4	972.4	971.5
172.5°	974.7	974.5	974.4	974.9	975.9	976.8	977.8	978.8	977.8	976.8	975.9
175°	977.6	977.5	977.4	977.9	978.9	979.8	980.8	981.8	980.8	979.8	978.9
177.5°	979.3	979.0	978.8	979.4	980.5	981.7	982.8	984.0	982.8	981.7	980.5
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-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°	9.4	10.3	11.0	12.3	13.6	14.9	16.2	17.2	18.2	19.1	20.1
92.5°	9.7	9.5	10.2	11.5	12.8	14.1	15.4	16.4	17.4	18.3	19.3
95°	18.2	15.4	15.5	15.7	15.8	16.0	16.2	17.2	18.2	19.1	20.1
97.5°	91.5	93.3	84.7	67.6	50.5	33.3	16.2	17.0	17.8	18.6	19.4
100°	132.1	133.6	122.3	99.8	77.3	54.8	32.3	29.5	26.7	24.0	21.2
102.5°	176.7	177.7	178.7	180.6	182.6	184.5	186.5	149.8	113.1	76.4	39.7
105°	224.9	225.4	225.8	226.6	227.5	228.3	229.1	230.6	232.0	233.5	235.0
107.5°	270.8	271.0	271.6	272.7	273.8	275.0	276.1	276.9	277.7	278.6	279.4
110°	319.2	319.4	319.9	320.9	321.8	322.8	323.8	324.1	324.5	324.8	325.1

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	368.1	368.6	368.8	369.1	369.4	369.8	370.1	369.9	369.8	369.6	369.5
115°	414.7	414.9	414.8	414.7	414.5	414.4	414.2	414.5	414.8	415.1	415.4
117.5°	458.6	458.9	459.2	459.7	460.2	460.7	461.2	461.0	460.8	460.7	460.5
120°	502.7	503.0	502.9	502.8	502.6	502.5	502.3	502.6	502.9	503.2	503.5
122.5°	542.5	542.7	542.9	543.2	543.5	543.8	544.1	544.3	544.5	544.6	544.8
125°	582.7	583.0	582.8	582.5	582.2	581.9	581.6	582.1	582.6	583.1	583.6
127.5°	618.2	618.3	618.7	619.5	620.4	621.2	622.0	621.8	621.6	621.5	621.3
130°	654.2	654.3	654.5	655.0	655.5	656.0	656.5	656.7	656.8	657.0	657.1
132.5°	687.9	688.1	688.4	689.1	689.7	690.4	691.0	691.2	691.3	691.5	691.6
135°	719.0	718.9	719.2	719.9	720.5	721.2	721.8	722.1	722.5	722.8	723.1
137.5°	749.0	749.0	749.4	750.2	751.1	751.9	752.7	753.0	753.3	753.6	753.9
140°	778.9	779.1	779.3	779.6	779.9	780.3	780.6	781.1	781.6	782.1	782.6
142.5°	806.0	806.3	806.4	806.5	806.7	806.8	807.0	807.3	807.7	808.0	808.3
145°	831.8	832.0	832.0	832.0	832.0	832.0	832.0	832.2	832.3	832.5	832.6
147.5°	854.2	854.7	854.6	854.5	854.3	854.2	854.0	854.2	854.3	854.5	854.6
150°	875.7	876.0	875.9	875.8	875.6	875.5	875.3	875.3	875.3	875.3	875.3
152.5°	894.2	894.4	894.2	893.9	893.6	893.2	892.9	893.2	893.6	893.9	894.2
155°	910.5	910.6	910.3	909.8	909.3	908.8	908.3	909.0	909.6	910.3	911.0
157.5°	925.2	925.2	924.9	924.2	923.6	922.9	922.3	923.1	923.9	924.8	925.6
160°	936.5	936.3	936.2	936.0	935.9	935.7	935.5	936.5	937.5	938.4	939.4
162.5°	947.6	947.3	947.2	947.0	946.9	946.7	946.5	947.5	948.5	949.4	950.4
165°	956.5	956.1	956.1	956.1	956.1	956.1	956.1	957.4	958.7	960.0	961.3
167.5°	964.6	964.2	964.1	963.9	963.8	963.6	963.4	964.9	966.3	967.8	969.3
170°	970.5	970.0	970.1	970.3	970.4	970.6	970.8	972.1	973.4	974.7	976.0
172.5°	974.9	974.4	974.5	974.7	974.8	975.0	975.2	976.5	977.8	979.1	980.4
175°	977.9	977.4	977.5	977.6	977.8	977.9	978.1	979.6	981.0	982.5	984.0
177.5°	979.4	978.8	979.0	979.3	979.6	980.0	980.3	981.6	982.9	984.2	985.5
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-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°	20.6	20.8	21.1	21.4	21.7	22.0	21.7	21.4	21.1	20.8	20.6
92.5°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
95°	20.6	20.7	20.8	21.0	21.1	21.3	21.1	21.0	20.8	20.7	20.6
97.5°	19.8	19.9	20.1	20.2	20.4	20.6	20.4	20.2	20.1	19.9	19.8
100°	19.8	19.9	20.1	20.2	20.4	20.6	20.4	20.2	20.1	19.9	19.8
102.5°	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
105°	235.7	232.8	226.9	221.0	215.2	209.3	215.2	221.0	226.9	232.8	235.7
107.5°	279.8	280.1	280.8	281.4	282.1	282.7	282.1	281.4	280.8	280.1	279.8
110°	325.3	325.5	326.0	326.5	327.0	327.5	327.0	326.5	326.0	325.5	325.3

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	369.4	369.7	370.4	371.0	371.7	372.3	371.7	371.0	370.4	369.7	369.4
115°	415.6	415.6	415.6	415.6	415.6	415.6	415.6	415.6	415.6	415.6	415.6
117.5°	460.4	460.4	460.4	460.4	460.4	460.4	460.4	460.4	460.4	460.4	460.4
120°	503.7	503.5	503.2	502.9	502.6	502.3	502.6	502.9	503.2	503.5	503.7
122.5°	544.9	544.7	544.4	544.1	543.7	543.4	543.7	544.1	544.4	544.7	544.9
125°	583.8	583.9	584.0	584.2	584.3	584.5	584.3	584.2	584.0	583.9	583.8
127.5°	621.2	621.1	621.0	620.8	620.7	620.5	620.7	620.8	621.0	621.1	621.2
130°	657.2	657.2	657.2	657.2	657.2	657.2	657.2	657.2	657.2	657.2	657.2
132.5°	691.7	691.6	691.5	691.3	691.2	691.0	691.2	691.3	691.5	691.6	691.7
135°	723.3	723.5	723.8	724.1	724.5	724.8	724.5	724.1	723.8	723.5	723.3
137.5°	754.1	754.0	753.9	753.7	753.6	753.4	753.6	753.7	753.9	754.0	754.1
140°	782.8	782.9	783.0	783.2	783.3	783.5	783.3	783.2	783.0	782.9	782.8
142.5°	808.5	808.5	808.5	808.5	808.5	808.5	808.5	808.5	808.5	808.5	808.5
145°	832.7	832.9	833.2	833.5	833.9	834.2	833.9	833.5	833.2	832.9	832.7
147.5°	854.7	854.8	855.0	855.1	855.3	855.5	855.3	855.1	855.0	854.8	854.7
150°	875.3	875.4	875.5	875.7	875.8	876.0	875.8	875.7	875.5	875.4	875.3
152.5°	894.4	894.3	894.2	894.0	893.9	893.7	893.9	894.0	894.2	894.3	894.4
155°	911.3	911.1	910.6	910.1	909.6	909.1	909.6	910.1	910.6	911.1	911.3
157.5°	926.0	925.6	924.8	923.9	923.1	922.3	923.1	923.9	924.8	925.6	926.0
160°	939.9	939.4	938.4	937.5	936.5	935.5	936.5	937.5	938.4	939.4	939.9
162.5°	950.9	950.3	949.2	948.1	946.9	945.8	946.9	948.1	949.2	950.3	950.9
165°	962.0	961.3	959.8	958.3	956.8	955.3	956.8	958.3	959.8	961.3	962.0
167.5°	970.0	969.2	967.6	965.9	964.3	962.7	964.3	965.9	967.6	969.2	970.0
170°	976.6	975.8	974.2	972.5	970.9	969.3	970.9	972.5	974.2	975.8	976.6
172.5°	981.0	980.1	978.3	976.6	974.8	973.0	974.8	976.6	978.3	980.1	981.0
175°	984.7	983.7	981.8	979.8	977.9	975.9	977.9	979.8	981.8	983.7	984.7
177.5°	986.2	985.2	983.3	981.3	979.4	977.4	979.4	981.3	983.3	985.2	986.2
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-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°	20.1	19.1	18.2	17.2	16.2	14.9	13.6	12.3	11.0	10.3	9.4
92.5°	19.3	18.3	17.4	16.4	15.4	14.1	12.8	11.5	10.2	9.5	9.7
95°	20.1	19.1	18.2	17.2	16.2	16.0	15.8	15.7	15.5	15.4	18.2
97.5°	19.4	18.6	17.8	17.0	16.2	33.3	50.5	67.6	84.7	93.3	91.5
100°	21.2	24.0	26.7	29.5	32.3	54.8	77.3	99.8	122.3	133.6	132.1
102.5°	39.7	76.4	113.1	149.8	186.5	184.5	182.6	180.6	178.7	177.7	176.7
105°	235.0	233.5	232.0	230.6	229.1	228.3	227.5	226.6	225.8	225.4	224.9
107.5°	279.4	278.6	277.7	276.9	276.1	275.0	273.8	272.7	271.6	271.0	270.8
110°	325.1	324.8	324.5	324.1	323.8	322.8	321.8	320.9	319.9	319.4	319.2

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	369.5	369.6	369.8	369.9	370.1	369.8	369.4	369.1	368.8	368.6	368.1
115°	415.4	415.1	414.8	414.5	414.2	414.4	414.5	414.7	414.8	414.9	414.7
117.5°	460.5	460.7	460.8	461.0	461.2	460.7	460.2	459.7	459.2	458.9	458.6
120°	503.5	503.2	502.9	502.6	502.3	502.5	502.6	502.8	502.9	503.0	502.7
122.5°	544.8	544.6	544.5	544.3	544.1	543.8	543.5	543.2	542.9	542.7	542.5
125°	583.6	583.1	582.6	582.1	581.6	581.9	582.2	582.5	582.8	583.0	582.7
127.5°	621.3	621.5	621.6	621.8	622.0	621.2	620.4	619.5	618.7	618.3	618.2
130°	657.1	657.0	656.8	656.7	656.5	656.0	655.5	655.0	654.5	654.3	654.2
132.5°	691.6	691.5	691.3	691.2	691.0	690.4	689.7	689.1	688.4	688.1	687.9
135°	723.1	722.8	722.5	722.1	721.8	721.2	720.5	719.9	719.2	718.9	719.0
137.5°	753.9	753.6	753.3	753.0	752.7	751.9	751.1	750.2	749.4	749.0	749.0
140°	782.6	782.1	781.6	781.1	780.6	780.3	779.9	779.6	779.3	779.1	778.9
142.5°	808.3	808.0	807.7	807.3	807.0	806.8	806.7	806.5	806.4	806.3	806.0
145°	832.6	832.5	832.3	832.2	832.0	832.0	832.0	832.0	832.0	832.0	831.8
147.5°	854.6	854.5	854.3	854.2	854.0	854.2	854.3	854.5	854.6	854.7	854.2
150°	875.3	875.3	875.3	875.3	875.3	875.5	875.6	875.8	875.9	876.0	875.7
152.5°	894.2	893.9	893.6	893.2	892.9	893.2	893.6	893.9	894.2	894.4	894.2
155°	911.0	910.3	909.6	909.0	908.3	908.8	909.3	909.8	910.3	910.6	910.5
157.5°	925.6	924.8	923.9	923.1	922.3	922.9	923.6	924.2	924.9	925.2	925.2
160°	939.4	938.4	937.5	936.5	935.5	935.7	935.9	936.0	936.2	936.3	936.5
162.5°	950.4	949.4	948.5	947.5	946.5	946.7	946.9	947.0	947.2	947.3	947.6
165°	961.3	960.0	958.7	957.4	956.1	956.1	956.1	956.1	956.1	956.1	956.5
167.5°	969.3	967.8	966.3	964.9	963.4	963.6	963.8	963.9	964.1	964.2	964.6
170°	976.0	974.7	973.4	972.1	970.8	970.6	970.4	970.3	970.1	970.0	970.5
172.5°	980.4	979.1	977.8	976.5	975.2	975.0	974.8	974.7	974.5	974.4	974.9
175°	984.0	982.5	981.0	979.6	978.1	977.9	977.8	977.6	977.5	977.4	977.9
177.5°	985.5	984.2	982.9	981.6	980.3	980.0	979.6	979.3	979.0	978.8	979.4
180°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8

TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-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°	7.6	5.8	4.0	2.2
92.5°	10.0	10.3	10.7	11.0
95°	23.7	29.3	34.8	40.4
97.5°	87.9	84.3	80.7	77.1
100°	129.2	126.3	123.3	120.4
102.5°	174.8	172.8	170.9	168.9
105°	223.9	223.0	222.0	221.0
107.5°	270.3	269.8	269.3	268.8
110°	318.7	318.2	317.7	317.2



TEST NUMBER: P1013438

CATALOG NUMBER: S124RDIP-B795D810UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	367.1	366.2	365.2	364.2
115°	414.2	413.7	413.2	412.7
117.5°	457.9	457.3	456.6	456.0
120°	502.0	501.4	500.7	500.1
122.5°	542.2	541.9	541.5	541.2
125°	582.0	581.4	580.7	580.1
127.5°	618.1	617.9	617.8	617.6
130°	654.0	653.9	653.7	653.5
132.5°	687.6	687.3	686.9	686.6
135°	719.1	719.3	719.4	719.6
137.5°	749.0	749.0	749.0	749.0
140°	778.6	778.3	777.9	777.6
142.5°	805.3	804.6	804.0	803.3
145°	831.3	830.8	830.3	829.8
147.5°	853.2	852.3	851.3	850.3
150°	875.0	874.4	873.7	873.1
152.5°	893.7	893.2	892.7	892.2
155°	910.3	910.2	910.0	909.8
157.5°	925.2	925.2	925.2	925.2
160°	937.0	937.5	938.0	938.5
162.5°	948.3	948.9	949.6	950.2
165°	957.3	958.2	959.0	959.8
167.5°	965.4	966.2	967.0	967.8
170°	971.5	972.4	973.4	974.4
172.5°	975.9	976.8	977.8	978.8
175°	978.9	979.8	980.8	981.8
177.5°	980.5	981.7	982.8	984.0
180°	981.8	981.8	981.8	981.8

(END OF REPORT)