

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: P1013416

Luminaire Tested: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1013416
REPORT IS A COMBINATION OF REPORTS P999705 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

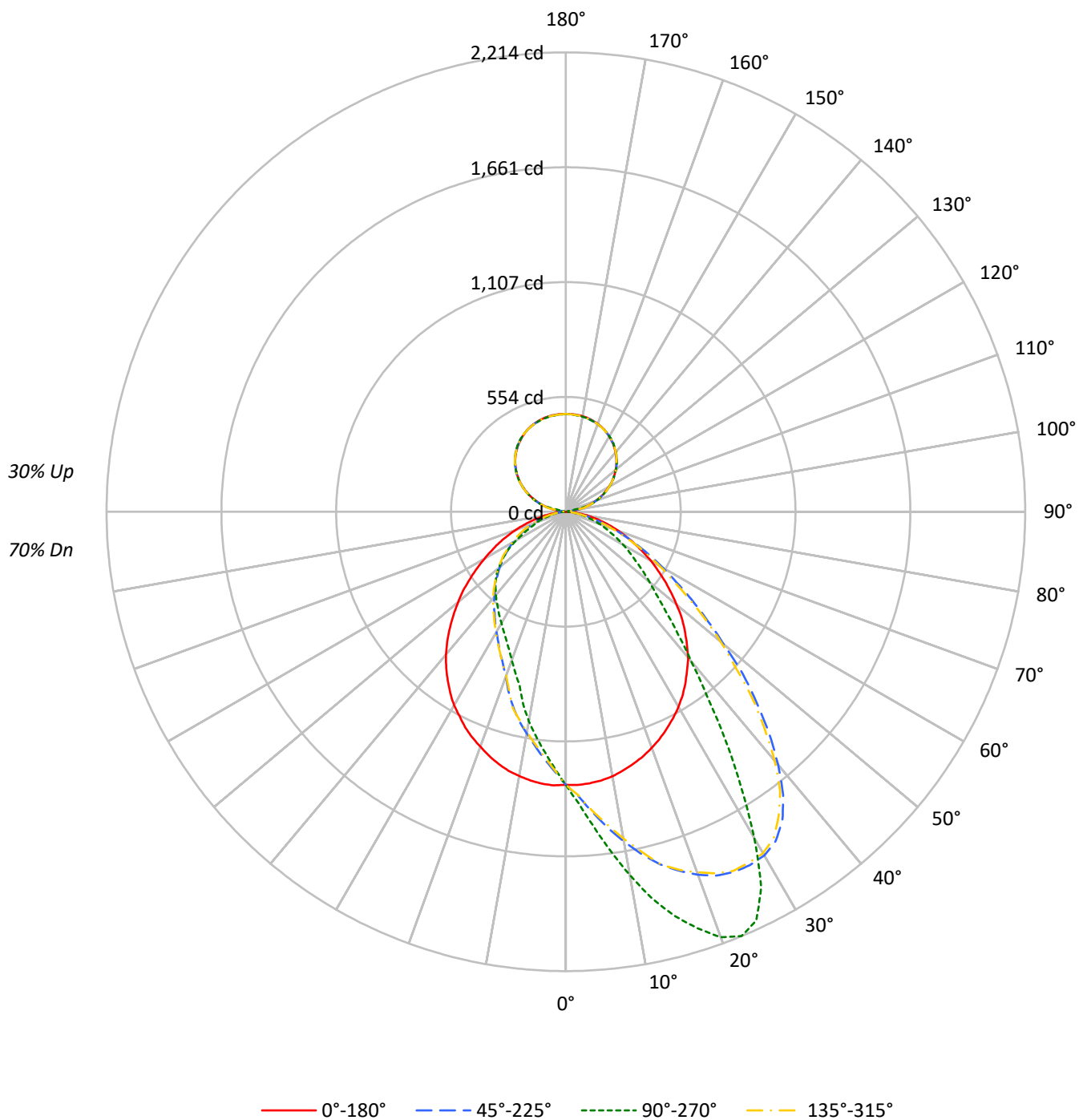
Lumens per Lamp: N/A
Luminaire Lumens: 4785.0 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 45.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74
1	103	99	95	91	97	93	90	87	84	81	79	75	73	71	67	65	64
2	94	87	81	76	89	82	77	73	74	70	66	66	63	60	59	57	55
3	86	77	70	64	81	73	67	61	66	61	57	59	55	52	53	50	47
4	79	69	61	55	75	65	58	53	59	53	49	53	49	45	48	44	41
5	73	61	53	47	69	59	51	46	53	47	43	48	43	39	43	39	36
6	68	55	47	42	64	53	46	40	48	42	37	44	39	35	40	35	32
7	63	50	42	37	59	48	41	36	44	38	33	40	35	31	36	32	29
8	58	46	38	33	55	44	37	32	40	34	30	37	32	28	33	29	26
9	54	42	35	29	52	40	33	29	37	31	27	34	29	25	31	27	24
10	51	39	31	27	48	37	30	26	34	28	24	31	26	23	29	25	22

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	2.7
10°-20°	384.7	8.0
20°-30°	602.7	12.6
30°-40°	669.2	14.0
40°-50°	593.0	12.4
50°-60°	462.2	9.7
60°-70°	302.3	6.3
70°-80°	148.3	3.1
80°-90°	37.1	0.8
90°-100°	15.6	0.3
100°-110°	103.0	2.2
110°-120°	196.7	4.1
120°-130°	249.7	5.2
130°-140°	267.1	5.6
140°-150°	249.8	5.2
150°-160°	201.4	4.2
160°-170°	129.9	2.7
170°-180°	44.8	0.9
0°-30°	1114.8	23.3
0°-40°	1784.0	37.3
0°-60°	2839.2	59.3
0°-90°	3327.0	69.5
90°-120°	315.4	6.6
90°-150°	1081.9	22.6
90°-180°	1458.0	30.5
0°-180°	4785.0	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°	1	11	1	11	1	4
95°	19	10	19	10	19	24
105°	106	100	106	100	106	111
115°	198	200	198	200	198	195
125°	278	280	278	280	278	249
135°	345	348	345	348	345	266
145°	398	400	398	400	398	249
155°	437	436	437	436	437	201
165°	461	458	461	458	461	130
175°	471	468	471	468	471	45
180°	471	471	471	471	471	

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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°	1.1	1.9	2.8	3.6	4.5	4.9	5.2	5.9	6.5	7.2	7.8
92.5°	5.3	5.1	5.0	4.8	4.7	4.6	4.9	5.5	6.2	6.8	7.4
95°	19.4	16.7	14.1	11.4	8.7	7.4	7.4	7.5	7.6	7.7	7.8
97.5°	37.0	38.7	40.5	42.2	43.9	44.8	40.7	32.5	24.2	16.0	7.8
100°	57.8	59.2	60.6	62.0	63.4	64.1	58.7	47.9	37.1	26.3	15.5
102.5°	81.1	82.0	83.0	83.9	84.8	85.3	85.8	86.7	87.6	88.6	89.5
105°	106.1	106.6	107.0	107.5	108.0	108.2	108.4	108.8	109.2	109.6	110.0
107.5°	129.0	129.2	129.4	129.7	129.9	130.0	130.3	130.8	131.4	131.9	132.5
110°	152.2	152.4	152.7	152.9	153.2	153.3	153.5	154.0	154.5	154.9	155.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	174.8	175.3	175.7	176.2	176.7	176.9	177.0	177.1	177.3	177.4	177.6
115°	198.1	198.3	198.5	198.8	199.0	199.1	199.1	199.0	198.9	198.9	198.8
117.5°	218.9	219.2	219.5	219.8	220.1	220.3	220.4	220.6	220.9	221.1	221.3
120°	240.0	240.3	240.6	240.9	241.2	241.4	241.4	241.3	241.2	241.2	241.1
122.5°	259.7	259.9	260.0	260.2	260.3	260.4	260.5	260.6	260.8	260.9	261.1
125°	278.4	278.7	279.0	279.3	279.6	279.8	279.7	279.6	279.4	279.3	279.1
127.5°	296.4	296.5	296.5	296.6	296.7	296.7	296.9	297.3	297.7	298.1	298.5
130°	313.7	313.8	313.8	313.9	314.0	314.0	314.1	314.4	314.6	314.9	315.1
132.5°	329.5	329.7	329.8	330.0	330.1	330.2	330.4	330.7	331.0	331.3	331.6
135°	345.4	345.3	345.2	345.1	345.0	345.0	345.2	345.5	345.8	346.1	346.4
137.5°	359.5	359.5	359.5	359.5	359.5	359.5	359.7	360.1	360.4	360.8	361.2
140°	373.2	373.4	373.5	373.7	373.8	373.9	374.0	374.1	374.3	374.4	374.6
142.5°	385.6	385.9	386.2	386.5	386.8	387.0	387.0	387.1	387.2	387.2	387.3
145°	398.2	398.4	398.7	398.9	399.2	399.3	399.3	399.3	399.3	399.3	399.3
147.5°	408.1	408.6	409.0	409.5	410.0	410.2	410.2	410.1	410.0	410.0	409.9
150°	419.0	419.3	419.6	419.9	420.2	420.4	420.4	420.3	420.2	420.2	420.1
152.5°	428.2	428.4	428.7	428.9	429.2	429.3	429.2	429.0	428.9	428.7	428.5
155°	436.7	436.8	436.8	436.9	437.0	437.0	436.9	436.6	436.4	436.1	435.9
157.5°	444.1	444.1	444.1	444.1	444.1	444.1	443.9	443.6	443.3	442.9	442.6
160°	450.4	450.2	449.9	449.7	449.4	449.3	449.3	449.2	449.1	449.1	449.0
162.5°	456.0	455.7	455.4	455.1	454.8	454.6	454.6	454.5	454.4	454.4	454.3
165°	460.6	460.2	459.8	459.5	459.1	458.9	458.9	458.9	458.9	458.9	458.9
167.5°	464.5	464.1	463.7	463.3	462.9	462.7	462.7	462.6	462.5	462.5	462.4
170°	467.7	467.2	466.8	466.3	465.8	465.6	465.6	465.7	465.8	465.8	465.9
172.5°	469.8	469.3	468.9	468.4	467.9	467.7	467.7	467.8	467.9	467.9	468.0
175°	471.2	470.7	470.3	469.8	469.3	469.1	469.1	469.2	469.3	469.3	469.4
177.5°	472.2	471.7	471.1	470.6	470.1	469.8	469.9	470.0	470.2	470.3	470.5
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

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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°	8.3	8.7	9.2	9.7	9.9	10.0	10.1	10.3	10.4	10.6	10.4
92.5°	7.9	8.3	8.8	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5
95°	8.3	8.7	9.2	9.7	9.9	9.9	10.0	10.1	10.1	10.2	10.1
97.5°	8.2	8.6	8.9	9.3	9.5	9.5	9.6	9.7	9.8	9.9	9.8
100°	14.2	12.8	11.5	10.2	9.5	9.5	9.6	9.7	9.8	9.9	9.8
102.5°	71.9	54.3	36.6	19.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2
105°	110.7	111.4	112.1	112.8	113.1	111.7	108.9	106.0	103.2	100.4	103.2
107.5°	132.9	133.3	133.7	134.1	134.3	134.5	134.8	135.1	135.4	135.7	135.4
110°	155.6	155.7	155.9	156.0	156.1	156.2	156.5	156.7	157.0	157.2	157.0

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	177.5	177.5	177.4	177.3	177.3	177.5	177.8	178.1	178.4	178.7	178.4
115°	199.0	199.1	199.3	199.4	199.5	199.5	199.5	199.5	199.5	199.5	199.5
117.5°	221.2	221.2	221.1	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0
120°	241.3	241.4	241.6	241.7	241.8	241.7	241.6	241.4	241.3	241.1	241.3
122.5°	261.2	261.3	261.4	261.5	261.5	261.4	261.3	261.1	261.0	260.8	261.0
125°	279.3	279.6	279.8	280.1	280.2	280.2	280.3	280.4	280.4	280.5	280.4
127.5°	298.4	298.3	298.2	298.1	298.1	298.1	298.0	297.9	297.9	297.8	297.9
130°	315.2	315.2	315.3	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4
132.5°	331.7	331.8	331.9	332.0	332.0	332.0	331.9	331.8	331.7	331.6	331.7
135°	346.6	346.7	346.9	347.0	347.1	347.2	347.3	347.5	347.6	347.8	347.6
137.5°	361.4	361.5	361.7	361.8	361.9	361.9	361.8	361.7	361.7	361.6	361.7
140°	374.8	375.1	375.3	375.6	375.7	375.7	375.8	375.9	375.9	376.0	375.9
142.5°	387.5	387.6	387.8	387.9	388.0	388.0	388.0	388.0	388.0	388.0	388.0
145°	399.4	399.4	399.5	399.6	399.6	399.7	399.9	400.0	400.2	400.4	400.2
147.5°	410.0	410.0	410.1	410.2	410.2	410.2	410.3	410.4	410.5	410.6	410.5
150°	420.1	420.1	420.1	420.1	420.1	420.1	420.2	420.3	420.3	420.4	420.3
152.5°	428.7	428.9	429.0	429.2	429.3	429.3	429.2	429.1	429.0	428.9	429.0
155°	436.2	436.6	436.9	437.2	437.4	437.3	437.0	436.8	436.5	436.3	436.5
157.5°	443.0	443.4	443.8	444.2	444.4	444.2	443.8	443.4	443.0	442.6	443.0
160°	449.5	449.9	450.4	450.9	451.1	450.9	450.4	449.9	449.5	449.0	449.5
162.5°	454.8	455.2	455.7	456.2	456.4	456.1	455.6	455.0	454.5	453.9	454.5
165°	459.5	460.1	460.8	461.4	461.7	461.3	460.6	459.9	459.2	458.5	459.2
167.5°	463.1	463.8	464.5	465.2	465.6	465.2	464.4	463.6	462.8	462.0	462.8
170°	466.5	467.1	467.8	468.4	468.7	468.3	467.5	466.8	466.0	465.2	466.0
172.5°	468.6	469.2	469.9	470.5	470.8	470.4	469.5	468.7	467.8	467.0	467.8
175°	470.1	470.8	471.5	472.2	472.6	472.1	471.2	470.3	469.3	468.4	469.3
177.5°	471.1	471.7	472.4	473.0	473.3	472.8	471.9	471.0	470.0	469.1	470.0
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-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°	10.3	10.1	10.0	9.9	9.7	9.2	8.7	8.3	7.8	7.2	6.5
92.5°	9.5	9.5	9.5	9.5	9.3	8.8	8.3	7.9	7.4	6.8	6.2
95°	10.1	10.0	9.9	9.9	9.7	9.2	8.7	8.3	7.8	7.7	7.6
97.5°	9.7	9.6	9.5	9.5	9.3	8.9	8.6	8.2	7.8	16.0	24.2
100°	9.7	9.6	9.5	9.5	10.2	11.5	12.8	14.2	15.5	26.3	37.1
102.5°	10.2	10.2	10.2	10.2	19.0	36.6	54.3	71.9	89.5	88.6	87.6
105°	106.0	108.9	111.7	113.1	112.8	112.1	111.4	110.7	110.0	109.6	109.2
107.5°	135.1	134.8	134.5	134.3	134.1	133.7	133.3	132.9	132.5	131.9	131.4
110°	156.7	156.5	156.2	156.1	156.0	155.9	155.7	155.6	155.4	154.9	154.5

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CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	178.1	177.8	177.5	177.3	177.3	177.4	177.5	177.5	177.6	177.4	177.3
115°	199.5	199.5	199.5	199.5	199.4	199.3	199.1	199.0	198.8	198.9	198.9
117.5°	221.0	221.0	221.0	221.0	221.0	221.1	221.2	221.2	221.3	221.1	220.9
120°	241.4	241.6	241.7	241.8	241.7	241.6	241.4	241.3	241.1	241.2	241.2
122.5°	261.1	261.3	261.4	261.5	261.5	261.4	261.3	261.2	261.1	260.9	260.8
125°	280.4	280.3	280.2	280.2	280.1	279.8	279.6	279.3	279.1	279.3	279.4
127.5°	297.9	298.0	298.1	298.1	298.1	298.2	298.3	298.4	298.5	298.1	297.7
130°	315.4	315.4	315.4	315.4	315.4	315.3	315.2	315.2	315.1	314.9	314.6
132.5°	331.8	331.9	332.0	332.0	332.0	331.9	331.8	331.7	331.6	331.3	331.0
135°	347.5	347.3	347.2	347.1	347.0	346.9	346.7	346.6	346.4	346.1	345.8
137.5°	361.7	361.8	361.9	361.9	361.8	361.7	361.5	361.4	361.2	360.8	360.4
140°	375.9	375.8	375.7	375.7	375.6	375.3	375.1	374.8	374.6	374.4	374.3
142.5°	388.0	388.0	388.0	388.0	387.9	387.8	387.6	387.5	387.3	387.2	387.2
145°	400.0	399.9	399.7	399.6	399.6	399.5	399.4	399.4	399.3	399.3	399.3
147.5°	410.4	410.3	410.2	410.2	410.2	410.1	410.0	410.0	409.9	410.0	410.0
150°	420.3	420.2	420.1	420.1	420.1	420.1	420.1	420.1	420.1	420.2	420.2
152.5°	429.1	429.2	429.3	429.3	429.2	429.0	428.9	428.7	428.5	428.7	428.9
155°	436.8	437.0	437.3	437.4	437.2	436.9	436.6	436.2	435.9	436.1	436.4
157.5°	443.4	443.8	444.2	444.4	444.2	443.8	443.4	443.0	442.6	442.9	443.3
160°	449.9	450.4	450.9	451.1	450.9	450.4	449.9	449.5	449.0	449.1	449.1
162.5°	455.0	455.6	456.1	456.4	456.2	455.7	455.2	454.8	454.3	454.4	454.4
165°	459.9	460.6	461.3	461.7	461.4	460.8	460.1	459.5	458.9	458.9	458.9
167.5°	463.6	464.4	465.2	465.6	465.2	464.5	463.8	463.1	462.4	462.5	462.5
170°	466.8	467.5	468.3	468.7	468.4	467.8	467.1	466.5	465.9	465.8	465.8
172.5°	468.7	469.5	470.4	470.8	470.5	469.9	469.2	468.6	468.0	467.9	467.9
175°	470.3	471.2	472.1	472.6	472.2	471.5	470.8	470.1	469.4	469.3	469.3
177.5°	471.0	471.9	472.8	473.3	473.0	472.4	471.7	471.1	470.5	470.3	470.2
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-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°	5.9	5.2	4.9	4.5	3.6	2.8	1.9	1.1	1.9	2.8	3.6
92.5°	5.5	4.9	4.6	4.7	4.8	5.0	5.1	5.3	5.1	5.0	4.8
95°	7.5	7.4	7.4	8.7	11.4	14.1	16.7	19.4	16.7	14.1	11.4
97.5°	32.5	40.7	44.8	43.9	42.2	40.5	38.7	37.0	38.7	40.5	42.2
100°	47.9	58.7	64.1	63.4	62.0	60.6	59.2	57.8	59.2	60.6	62.0
102.5°	86.7	85.8	85.3	84.8	83.9	83.0	82.0	81.1	82.0	83.0	83.9
105°	108.8	108.4	108.2	108.0	107.5	107.0	106.6	106.1	106.6	107.0	107.5
107.5°	130.8	130.3	130.0	129.9	129.7	129.4	129.2	129.0	129.2	129.4	129.7
110°	154.0	153.5	153.3	153.2	152.9	152.7	152.4	152.2	152.4	152.7	152.9

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	177.1	177.0	176.9	176.7	176.2	175.7	175.3	174.8	175.3	175.7	176.2
115°	199.0	199.1	199.1	199.0	198.8	198.5	198.3	198.1	198.3	198.5	198.8
117.5°	220.6	220.4	220.3	220.1	219.8	219.5	219.2	218.9	219.2	219.5	219.8
120°	241.3	241.4	241.4	241.2	240.9	240.6	240.3	240.0	240.3	240.6	240.9
122.5°	260.6	260.5	260.4	260.3	260.2	260.0	259.9	259.7	259.9	260.0	260.2
125°	279.6	279.7	279.8	279.6	279.3	279.0	278.7	278.4	278.7	279.0	279.3
127.5°	297.3	296.9	296.7	296.7	296.6	296.5	296.5	296.4	296.5	296.5	296.6
130°	314.4	314.1	314.0	314.0	313.9	313.8	313.8	313.7	313.8	313.8	313.9
132.5°	330.7	330.4	330.2	330.1	330.0	329.8	329.7	329.5	329.7	329.8	330.0
135°	345.5	345.2	345.0	345.0	345.1	345.2	345.3	345.4	345.3	345.2	345.1
137.5°	360.1	359.7	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5
140°	374.1	374.0	373.9	373.8	373.7	373.5	373.4	373.2	373.4	373.5	373.7
142.5°	387.1	387.0	387.0	386.8	386.5	386.2	385.9	385.6	385.9	386.2	386.5
145°	399.3	399.3	399.3	399.2	398.9	398.7	398.4	398.2	398.4	398.7	398.9
147.5°	410.1	410.2	410.2	410.0	409.5	409.0	408.6	408.1	408.6	409.0	409.5
150°	420.3	420.4	420.4	420.2	419.9	419.6	419.3	419.0	419.3	419.6	419.9
152.5°	429.0	429.2	429.3	429.2	428.9	428.7	428.4	428.2	428.4	428.7	428.9
155°	436.6	436.9	437.0	437.0	436.9	436.8	436.8	436.7	436.8	436.8	436.9
157.5°	443.6	443.9	444.1	444.1	444.1	444.1	444.1	444.1	444.1	444.1	444.1
160°	449.2	449.3	449.3	449.4	449.7	449.9	450.2	450.4	450.2	449.9	449.7
162.5°	454.5	454.6	454.6	454.8	455.1	455.4	455.7	456.0	455.7	455.4	455.1
165°	458.9	458.9	458.9	459.1	459.5	459.8	460.2	460.6	460.2	459.8	459.5
167.5°	462.6	462.7	462.7	462.9	463.3	463.7	464.1	464.5	464.1	463.7	463.3
170°	465.7	465.6	465.6	465.8	466.3	466.8	467.2	467.7	467.2	466.8	466.3
172.5°	467.8	467.7	467.7	467.9	468.4	468.9	469.3	469.8	469.3	468.9	468.4
175°	469.2	469.1	469.1	469.3	469.8	470.3	470.7	471.2	470.7	470.3	469.8
177.5°	470.0	469.9	469.8	470.1	470.6	471.1	471.7	472.2	471.7	471.1	470.6
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-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°	4.5	4.9	5.2	5.9	6.5	7.2	7.8	8.3	8.7	9.2	9.7
92.5°	4.7	4.6	4.9	5.5	6.2	6.8	7.4	7.9	8.3	8.8	9.3
95°	8.7	7.4	7.4	7.5	7.6	7.7	7.8	8.3	8.7	9.2	9.7
97.5°	43.9	44.8	40.7	32.5	24.2	16.0	7.8	8.2	8.6	8.9	9.3
100°	63.4	64.1	58.7	47.9	37.1	26.3	15.5	14.2	12.8	11.5	10.2
102.5°	84.8	85.3	85.8	86.7	87.6	88.6	89.5	71.9	54.3	36.6	19.0
105°	108.0	108.2	108.4	108.8	109.2	109.6	110.0	110.7	111.4	112.1	112.8
107.5°	129.9	130.0	130.3	130.8	131.4	131.9	132.5	132.9	133.3	133.7	134.1
110°	153.2	153.3	153.5	154.0	154.5	154.9	155.4	155.6	155.7	155.9	156.0

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	176.7	176.9	177.0	177.1	177.3	177.4	177.6	177.5	177.5	177.4	177.3
115°	199.0	199.1	199.1	199.0	198.9	198.9	198.8	199.0	199.1	199.3	199.4
117.5°	220.1	220.3	220.4	220.6	220.9	221.1	221.3	221.2	221.2	221.1	221.0
120°	241.2	241.4	241.4	241.3	241.2	241.2	241.1	241.3	241.4	241.6	241.7
122.5°	260.3	260.4	260.5	260.6	260.8	260.9	261.1	261.2	261.3	261.4	261.5
125°	279.6	279.8	279.7	279.6	279.4	279.3	279.1	279.3	279.6	279.8	280.1
127.5°	296.7	296.7	296.9	297.3	297.7	298.1	298.5	298.4	298.3	298.2	298.1
130°	314.0	314.0	314.1	314.4	314.6	314.9	315.1	315.2	315.2	315.3	315.4
132.5°	330.1	330.2	330.4	330.7	331.0	331.3	331.6	331.7	331.8	331.9	332.0
135°	345.0	345.0	345.2	345.5	345.8	346.1	346.4	346.6	346.7	346.9	347.0
137.5°	359.5	359.5	359.7	360.1	360.4	360.8	361.2	361.4	361.5	361.7	361.8
140°	373.8	373.9	374.0	374.1	374.3	374.4	374.6	374.8	375.1	375.3	375.6
142.5°	386.8	387.0	387.0	387.1	387.2	387.2	387.3	387.5	387.6	387.8	387.9
145°	399.2	399.3	399.3	399.3	399.3	399.3	399.3	399.4	399.4	399.5	399.6
147.5°	410.0	410.2	410.2	410.1	410.0	410.0	409.9	410.0	410.0	410.1	410.2
150°	420.2	420.4	420.4	420.3	420.2	420.2	420.1	420.1	420.1	420.1	420.1
152.5°	429.2	429.3	429.2	429.0	428.9	428.7	428.5	428.7	428.9	429.0	429.2
155°	437.0	437.0	436.9	436.6	436.4	436.1	435.9	436.2	436.6	436.9	437.2
157.5°	444.1	444.1	443.9	443.6	443.3	442.9	442.6	443.0	443.4	443.8	444.2
160°	449.4	449.3	449.3	449.2	449.1	449.1	449.0	449.5	449.9	450.4	450.9
162.5°	454.8	454.6	454.6	454.5	454.4	454.4	454.3	454.8	455.2	455.7	456.2
165°	459.1	458.9	458.9	458.9	458.9	458.9	458.9	459.5	460.1	460.8	461.4
167.5°	462.9	462.7	462.7	462.6	462.5	462.5	462.4	463.1	463.8	464.5	465.2
170°	465.8	465.6	465.6	465.7	465.8	465.8	465.9	466.5	467.1	467.8	468.4
172.5°	467.9	467.7	467.7	467.8	467.9	467.9	468.0	468.6	469.2	469.9	470.5
175°	469.3	469.1	469.1	469.2	469.3	469.3	469.4	470.1	470.8	471.5	472.2
177.5°	470.1	469.8	469.9	470.0	470.2	470.3	470.5	471.1	471.7	472.4	473.0
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-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°	9.9	10.0	10.1	10.3	10.4	10.6	10.4	10.3	10.1	10.0	9.9
92.5°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
95°	9.9	9.9	10.0	10.1	10.1	10.2	10.1	10.1	10.0	9.9	9.9
97.5°	9.5	9.5	9.6	9.7	9.8	9.9	9.8	9.7	9.6	9.5	9.5
100°	9.5	9.5	9.6	9.7	9.8	9.9	9.8	9.7	9.6	9.5	9.5
102.5°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
105°	113.1	111.7	108.9	106.0	103.2	100.4	103.2	106.0	108.9	111.7	113.1
107.5°	134.3	134.5	134.8	135.1	135.4	135.7	135.4	135.1	134.8	134.5	134.3
110°	156.1	156.2	156.5	156.7	157.0	157.2	157.0	156.7	156.5	156.2	156.1

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	177.3	177.5	177.8	178.1	178.4	178.7	178.4	178.1	177.8	177.5	177.3
115°	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5	199.5
117.5°	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0	221.0
120°	241.8	241.7	241.6	241.4	241.3	241.1	241.3	241.4	241.6	241.7	241.8
122.5°	261.5	261.4	261.3	261.1	261.0	260.8	261.0	261.1	261.3	261.4	261.5
125°	280.2	280.2	280.3	280.4	280.4	280.5	280.4	280.4	280.3	280.2	280.2
127.5°	298.1	298.1	298.0	297.9	297.9	297.8	297.9	297.9	298.0	298.1	298.1
130°	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4	315.4
132.5°	332.0	332.0	331.9	331.8	331.7	331.6	331.7	331.8	331.9	332.0	332.0
135°	347.1	347.2	347.3	347.5	347.6	347.8	347.6	347.5	347.3	347.2	347.1
137.5°	361.9	361.9	361.8	361.7	361.7	361.6	361.7	361.7	361.8	361.9	361.9
140°	375.7	375.7	375.8	375.9	375.9	376.0	375.9	375.9	375.8	375.7	375.7
142.5°	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0
145°	399.6	399.7	399.9	400.0	400.2	400.4	400.2	400.0	399.9	399.7	399.6
147.5°	410.2	410.2	410.3	410.4	410.5	410.6	410.5	410.4	410.3	410.2	410.2
150°	420.1	420.1	420.2	420.3	420.3	420.4	420.3	420.3	420.2	420.1	420.1
152.5°	429.3	429.3	429.2	429.1	429.0	428.9	429.0	429.1	429.2	429.3	429.3
155°	437.4	437.3	437.0	436.8	436.5	436.3	436.5	436.8	437.0	437.3	437.4
157.5°	444.4	444.2	443.8	443.4	443.0	442.6	443.0	443.4	443.8	444.2	444.4
160°	451.1	450.9	450.4	449.9	449.5	449.0	449.5	449.9	450.4	450.9	451.1
162.5°	456.4	456.1	455.6	455.0	454.5	453.9	454.5	455.0	455.6	456.1	456.4
165°	461.7	461.3	460.6	459.9	459.2	458.5	459.2	459.9	460.6	461.3	461.7
167.5°	465.6	465.2	464.4	463.6	462.8	462.0	462.8	463.6	464.4	465.2	465.6
170°	468.7	468.3	467.5	466.8	466.0	465.2	466.0	466.8	467.5	468.3	468.7
172.5°	470.8	470.4	469.5	468.7	467.8	467.0	467.8	468.7	469.5	470.4	470.8
175°	472.6	472.1	471.2	470.3	469.3	468.4	469.3	470.3	471.2	472.1	472.6
177.5°	473.3	472.8	471.9	471.0	470.0	469.1	470.0	471.0	471.9	472.8	473.3
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-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°	9.7	9.2	8.7	8.3	7.8	7.2	6.5	5.9	5.2	4.9	4.5
92.5°	9.3	8.8	8.3	7.9	7.4	6.8	6.2	5.5	4.9	4.6	4.7
95°	9.7	9.2	8.7	8.3	7.8	7.7	7.6	7.5	7.4	7.4	8.7
97.5°	9.3	8.9	8.6	8.2	7.8	16.0	24.2	32.5	40.7	44.8	43.9
100°	10.2	11.5	12.8	14.2	15.5	26.3	37.1	47.9	58.7	64.1	63.4
102.5°	19.0	36.6	54.3	71.9	89.5	88.6	87.6	86.7	85.8	85.3	84.8
105°	112.8	112.1	111.4	110.7	110.0	109.6	109.2	108.8	108.4	108.2	108.0
107.5°	134.1	133.7	133.3	132.9	132.5	131.9	131.4	130.8	130.3	130.0	129.9
110°	156.0	155.9	155.7	155.6	155.4	154.9	154.5	154.0	153.5	153.3	153.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	177.3	177.4	177.5	177.5	177.6	177.4	177.3	177.1	177.0	176.9	176.7
115°	199.4	199.3	199.1	199.0	198.8	198.9	198.9	199.0	199.1	199.1	199.0
117.5°	221.0	221.1	221.2	221.2	221.3	221.1	220.9	220.6	220.4	220.3	220.1
120°	241.7	241.6	241.4	241.3	241.1	241.2	241.2	241.3	241.4	241.4	241.2
122.5°	261.5	261.4	261.3	261.2	261.1	260.9	260.8	260.6	260.5	260.4	260.3
125°	280.1	279.8	279.6	279.3	279.1	279.3	279.4	279.6	279.7	279.8	279.6
127.5°	298.1	298.2	298.3	298.4	298.5	298.1	297.7	297.3	296.9	296.7	296.7
130°	315.4	315.3	315.2	315.2	315.1	314.9	314.6	314.4	314.1	314.0	314.0
132.5°	332.0	331.9	331.8	331.7	331.6	331.3	331.0	330.7	330.4	330.2	330.1
135°	347.0	346.9	346.7	346.6	346.4	346.1	345.8	345.5	345.2	345.0	345.0
137.5°	361.8	361.7	361.5	361.4	361.2	360.8	360.4	360.1	359.7	359.5	359.5
140°	375.6	375.3	375.1	374.8	374.6	374.4	374.3	374.1	374.0	373.9	373.8
142.5°	387.9	387.8	387.6	387.5	387.3	387.2	387.2	387.1	387.0	387.0	386.8
145°	399.6	399.5	399.4	399.4	399.3	399.3	399.3	399.3	399.3	399.3	399.2
147.5°	410.2	410.1	410.0	410.0	409.9	410.0	410.0	410.1	410.2	410.2	410.0
150°	420.1	420.1	420.1	420.1	420.1	420.2	420.2	420.3	420.4	420.4	420.2
152.5°	429.2	429.0	428.9	428.7	428.5	428.7	428.9	429.0	429.2	429.3	429.2
155°	437.2	436.9	436.6	436.2	435.9	436.1	436.4	436.6	436.9	437.0	437.0
157.5°	444.2	443.8	443.4	443.0	442.6	442.9	443.3	443.6	443.9	444.1	444.1
160°	450.9	450.4	449.9	449.5	449.0	449.1	449.1	449.2	449.3	449.3	449.4
162.5°	456.2	455.7	455.2	454.8	454.3	454.4	454.4	454.5	454.6	454.6	454.8
165°	461.4	460.8	460.1	459.5	458.9	458.9	458.9	458.9	458.9	458.9	459.1
167.5°	465.2	464.5	463.8	463.1	462.4	462.5	462.5	462.6	462.7	462.7	462.9
170°	468.4	467.8	467.1	466.5	465.9	465.8	465.8	465.7	465.6	465.6	465.8
172.5°	470.5	469.9	469.2	468.6	468.0	467.9	467.9	467.8	467.7	467.7	467.9
175°	472.2	471.5	470.8	470.1	469.4	469.3	469.3	469.2	469.1	469.1	469.3
177.5°	473.0	472.4	471.7	471.1	470.5	470.3	470.2	470.0	469.9	469.8	470.1
180°	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2	471.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-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°	3.6	2.8	1.9	1.1
92.5°	4.8	5.0	5.1	5.3
95°	11.4	14.1	16.7	19.4
97.5°	42.2	40.5	38.7	37.0
100°	62.0	60.6	59.2	57.8
102.5°	83.9	83.0	82.0	81.1
105°	107.5	107.0	106.6	106.1
107.5°	129.7	129.4	129.2	129.0
110°	152.9	152.7	152.4	152.2

TEST NUMBER: P1013416

CATALOG NUMBER: S124RDIP-B795D365UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	176.2	175.7	175.3	174.8
115°	198.8	198.5	198.3	198.1
117.5°	219.8	219.5	219.2	218.9
120°	240.9	240.6	240.3	240.0
122.5°	260.2	260.0	259.9	259.7
125°	279.3	279.0	278.7	278.4
127.5°	296.6	296.5	296.5	296.4
130°	313.9	313.8	313.8	313.7
132.5°	330.0	329.8	329.7	329.5
135°	345.1	345.2	345.3	345.4
137.5°	359.5	359.5	359.5	359.5
140°	373.7	373.5	373.4	373.2
142.5°	386.5	386.2	385.9	385.6
145°	398.9	398.7	398.4	398.2
147.5°	409.5	409.0	408.6	408.1
150°	419.9	419.6	419.3	419.0
152.5°	428.9	428.7	428.4	428.2
155°	436.9	436.8	436.8	436.7
157.5°	444.1	444.1	444.1	444.1
160°	449.7	449.9	450.2	450.4
162.5°	455.1	455.4	455.7	456.0
165°	459.5	459.8	460.2	460.6
167.5°	463.3	463.7	464.1	464.5
170°	466.3	466.8	467.2	467.7
172.5°	468.4	468.9	469.3	469.8
175°	469.8	470.3	470.7	471.2
177.5°	470.6	471.1	471.7	472.2
180°	471.2	471.2	471.2	471.2

(END OF REPORT)