

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: P1027256

Luminaire Tested: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027256
REPORT IS A COMBINATION OF REPORTS P1005727 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

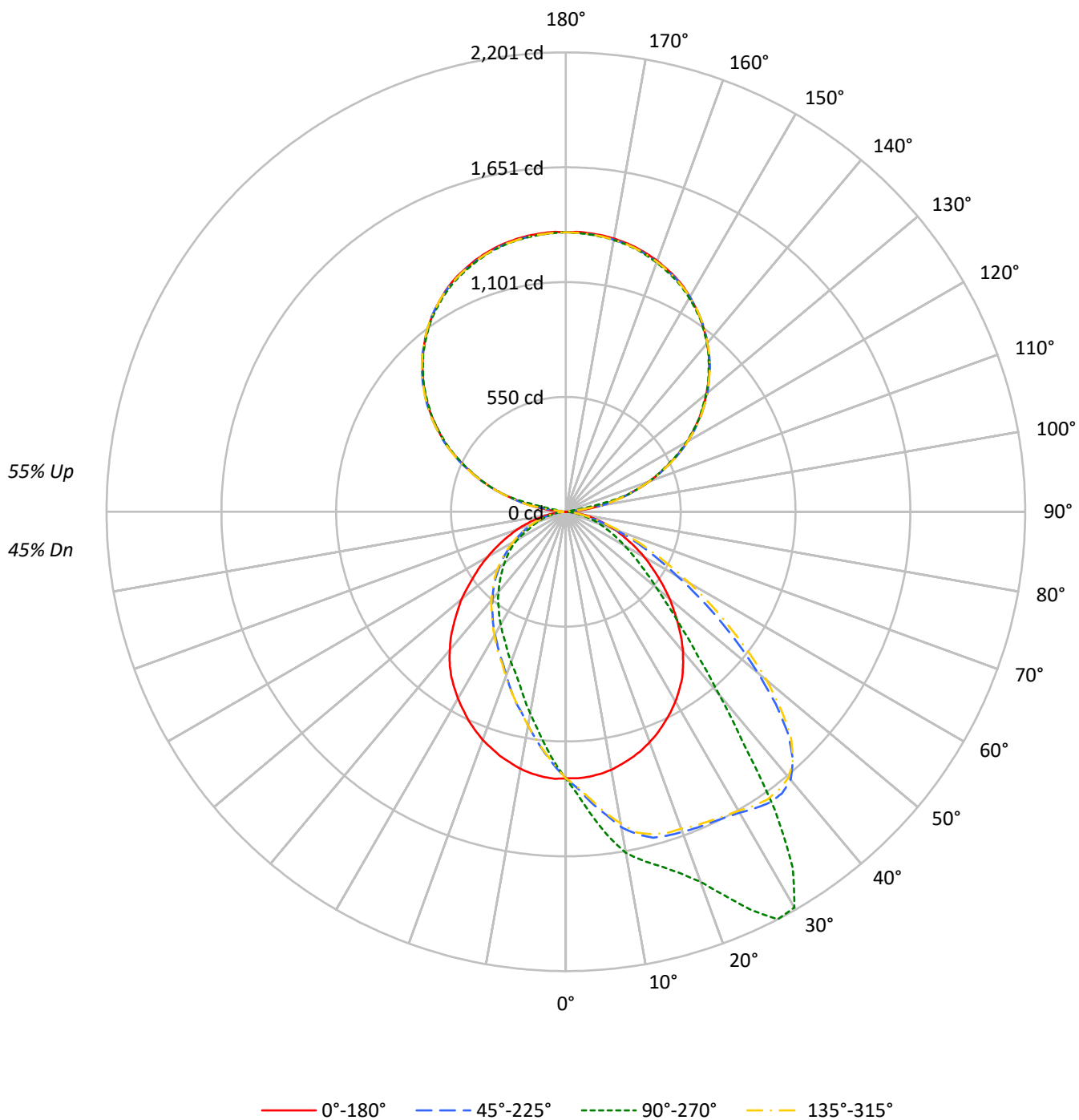
Lumens per Lamp: N/A
Luminaire Lumens: 7425.0 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51			45
1	97	93	89	86	89	85	82	79	71	69	67	58	56	55	46	45	44			38
2	89	81	76	71	81	75	70	66	63	59	56	51	49	46	41	39	38			33
3	81	72	65	59	74	66	60	55	55	51	47	46	42	40	36	34	32			28
4	74	64	56	50	68	59	52	47	49	44	40	41	37	34	33	30	28			24
5	68	57	49	43	62	53	46	40	44	39	35	37	33	30	30	27	25			21
6	63	51	43	37	57	47	40	35	40	35	31	33	29	26	27	24	22			19
7	58	46	38	33	53	43	36	31	36	31	27	30	26	23	25	22	19			17
8	54	42	34	29	49	39	32	27	33	28	24	28	24	21	23	20	17			15
9	50	38	31	26	46	35	29	24	30	25	21	25	21	19	21	18	16			14
10	47	35	28	23	43	33	26	22	28	23	19	23	20	17	19	16	14			12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8183	8183	8183	8183
5°	8177	9223	8177	7089
10°	8130	10365	8103	6128
15°	8042	10965	7987	5336
20°	7936	11837	7865	4823
25°	7796	13398	7708	4377
30°	7655	14241	7540	4058
35°	7473	11712	7367	3761
40°	7147	7953	7087	3494
45°	6720	5717	6711	3231
50°	6283	4397	6313	2988
55°	5791	3575	5779	2753
60°	5332	2930	5306	2445
65°	4799	2442	4829	1968
70°	4356	1959	4338	1639
75°	3679	1485	3679	1347
80°	2983	906	2947	906
85°	2098	476	2041	539

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11648 cd/sqm

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.5	1.6
10°-20°	359.1	4.8
20°-30°	569.3	7.7
30°-40°	688.0	9.3
40°-50°	612.5	8.2
50°-60°	469.7	6.3
60°-70°	305.0	4.1
70°-80°	148.0	2.0
80°-90°	36.8	0.5
90°-100°	45.4	0.6
100°-110°	302.3	4.1
110°-120°	544.3	7.3
120°-130°	698.7	9.4
130°-140°	751.4	10.1
140°-150°	705.3	9.5
150°-160°	570.5	7.7
160°-170°	368.9	5.0
170°-180°	127.2	1.7
0°-30°	1050.9	14.2
0°-40°	1738.9	23.4
0°-60°	2821.1	38.0
0°-90°	3311.0	44.6
90°-120°	892.0	12.0
90°-150°	3047.4	41.0
90°-180°	4114.0	55.4
0°-180°	7425.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1277	1277	1277	1277	1277	
5°	1274	1464	1274	1125	1274	121
15°	1221	1758	1212	856	1221	344
25°	1116	2106	1103	688	1116	514
35°	972	1747	958	561	972	605
45°	760	781	759	442	760	587
55°	537	429	536	330	537	481
65°	334	243	336	196	334	333
75°	162	113	162	103	162	174
85°	37	24	36	27	37	42
90°	1	24	1	24	1	5
95°	57	21	57	21	57	69
105°	292	295	292	295	292	309
115°	548	544	548	544	548	543
125°	779	779	779	779	779	696
135°	972	968	972	968	972	749
145°	1127	1124	1127	1124	1127	705
155°	1241	1232	1241	1232	1241	572
165°	1310	1303	1310	1303	1310	370
175°	1339	1333	1339	1333	1339	128
180°	1339	1339	1339	1339	1339	

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1278.3	1288.7	1291.9	1300.3	1309.7	1311.8	1317.1	1324.4	1328.6	1327.5	1327.5
5°	1274.1	1291.9	1304.5	1319.2	1337.0	1344.3	1350.6	1366.3	1378.9	1386.3	1398.9
7.5°	1266.7	1292.9	1313.9	1335.9	1363.2	1375.8	1389.4	1411.4	1434.5	1449.2	1462.8
10°	1255.2	1288.7	1318.1	1350.6	1387.3	1406.2	1423.0	1456.5	1484.8	1503.7	1535.2
12.5°	1238.4	1280.4	1321.3	1364.2	1410.4	1430.3	1453.4	1490.1	1529.9	1557.2	1583.4
15°	1220.6	1270.9	1315.0	1366.3	1421.9	1452.3	1481.7	1520.5	1556.1	1586.6	1617.0
17.5°	1199.6	1253.1	1307.6	1366.3	1429.3	1459.7	1484.8	1531.0	1568.7	1599.1	1626.4
20°	1174.5	1234.2	1296.1	1361.1	1425.1	1453.4	1477.5	1527.8	1561.4	1593.9	1632.7
22.5°	1147.2	1212.2	1278.3	1342.2	1405.1	1435.6	1463.9	1507.9	1544.6	1588.7	1639.0
25°	1115.7	1187.0	1254.1	1318.1	1377.9	1406.2	1431.4	1479.6	1531.0	1586.6	1643.2
27.5°	1084.3	1153.5	1218.5	1277.2	1342.2	1368.4	1393.6	1454.4	1515.3	1574.0	1651.6
30°	1049.7	1119.9	1176.5	1231.1	1294.0	1321.3	1352.7	1421.9	1491.1	1570.8	1665.2
32.5°	1010.9	1074.8	1127.3	1183.9	1240.5	1274.1	1313.9	1389.4	1469.1	1564.5	1685.1
35°	972.1	1023.4	1071.7	1125.2	1193.3	1229.0	1267.8	1347.5	1447.1	1561.4	1701.9
37.5°	922.8	972.1	1009.8	1064.3	1134.6	1176.5	1215.3	1307.6	1420.9	1554.0	1700.9
40°	872.4	914.4	950.0	1006.7	1083.2	1122.0	1164.0	1264.6	1393.6	1533.1	1675.7
42.5°	817.9	853.6	892.4	946.9	1021.4	1059.1	1107.3	1224.8	1355.9	1503.7	1610.7
45°	760.2	794.9	827.4	884.0	958.4	999.3	1051.8	1172.4	1309.7	1441.8	1505.8
47.5°	703.6	734.0	768.6	817.9	893.4	938.5	992.0	1121.0	1247.9	1359.0	1364.2
50°	649.1	673.2	702.6	752.9	831.6	874.5	930.1	1050.7	1174.5	1251.0	1199.6
52.5°	592.5	614.5	644.9	688.9	762.3	812.7	860.9	981.5	1085.3	1136.7	1042.3
55°	536.9	555.8	587.2	636.5	700.5	739.3	788.6	900.8	992.0	993.0	890.3
57.5°	482.4	499.1	525.4	569.4	629.2	674.3	719.4	816.9	878.7	860.9	746.6
60°	434.1	444.6	468.7	511.7	567.3	599.8	648.0	729.8	770.7	738.2	615.5
62.5°	383.8	394.3	413.2	447.8	500.2	534.8	565.2	632.3	660.6	611.3	510.7
65°	333.5	346.0	359.7	386.9	436.2	459.3	486.6	535.8	563.1	505.4	418.4
67.5°	289.4	295.7	309.3	337.7	372.3	393.2	412.1	445.7	450.9	404.8	333.5
70°	248.5	250.6	263.2	280.0	306.2	318.8	334.5	354.4	354.4	316.7	260.1
72.5°	202.4	205.5	215.0	232.8	248.5	254.8	260.1	272.6	270.5	235.9	197.1
75°	162.5	164.6	172.0	180.4	186.7	198.2	202.4	200.3	199.2	169.9	147.9
77.5°	125.8	126.9	132.1	139.5	140.5	144.7	141.6	141.6	132.1	115.3	103.8
80°	92.3	93.3	95.4	97.5	97.5	97.5	97.5	92.3	86.0	75.5	72.4
82.5°	61.9	61.9	62.9	65.0	64.0	61.9	59.8	54.5	50.3	47.2	45.1
85°	36.7	36.7	37.8	36.7	32.5	31.5	29.4	28.3	27.3	26.2	26.2
87.5°	17.8	16.8	14.7	12.6	12.6	12.6	12.6	12.6	12.6	11.5	11.5
90°	1.0	2.8	4.5	6.3	8.0	8.9	9.7	11.2	12.8	14.3	15.9
92.5°	18.9	16.9	14.9	12.9	10.9	9.9	10.6	11.9	13.2	14.6	15.9
95°	56.6	55.9	55.3	54.6	53.9	53.6	49.4	41.0	32.7	24.3	15.9
97.5°	106.2	107.5	108.9	110.2	111.5	112.2	101.7	80.8	59.8	38.9	17.9
100°	165.8	166.5	167.1	167.8	168.5	168.8	169.2	170.1	171.0	171.8	172.7
102.5°	226.4	227.3	228.1	229.0	229.9	230.3	230.5	231.0	231.4	231.9	232.3
105°	291.9	292.8	293.7	294.6	295.5	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	359.4	359.4	359.4	359.4	359.4	359.4	359.6	360.1	360.5	361.0	361.4
110°	424.9	424.9	424.9	424.9	424.9	424.9	425.1	425.6	426.0	426.5	426.9

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	486.5	487.2	487.8	488.5	489.2	489.5	489.6	489.8	490.0	490.2	490.4
115°	548.0	549.1	550.2	551.3	552.4	553.0	553.1	553.3	553.6	553.8	554.0
117.5°	612.6	612.6	612.6	612.6	612.6	612.6	613.0	613.9	614.8	615.6	616.5
120°	672.1	671.9	671.7	671.4	671.2	671.1	671.4	672.1	672.8	673.4	674.1
122.5°	724.7	725.8	726.9	728.0	729.1	729.7	729.8	730.0	730.3	730.5	730.7
125°	779.3	780.9	782.4	784.0	785.5	786.3	786.3	786.3	786.3	786.3	786.3
127.5°	832.0	833.1	834.2	835.3	836.4	836.9	836.8	836.6	836.3	836.1	835.9
130°	879.6	880.7	881.8	882.9	884.0	884.6	884.7	884.9	885.2	885.4	885.6
132.5°	927.3	928.6	929.9	931.2	932.5	933.2	932.9	932.2	931.6	930.9	930.3
135°	972.0	973.3	974.6	975.9	977.2	977.9	977.7	977.2	976.8	976.3	975.9
137.5°	1013.7	1015.0	1016.3	1017.6	1018.9	1019.6	1019.4	1018.9	1018.5	1018.0	1017.6
140°	1054.4	1054.8	1055.2	1055.7	1056.1	1056.3	1056.2	1056.0	1055.7	1055.5	1055.3
142.5°	1091.1	1091.3	1091.5	1091.8	1092.0	1092.1	1092.3	1092.8	1093.2	1093.7	1094.1
145°	1126.8	1127.2	1127.7	1128.1	1128.6	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8
147.5°	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.7	1158.9	1159.2	1159.4	1159.6
150°	1188.4	1188.0	1187.5	1187.1	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4
152.5°	1217.2	1216.1	1215.0	1213.9	1212.8	1212.2	1212.4	1212.9	1213.3	1213.8	1214.2
155°	1241.0	1239.7	1238.3	1237.0	1235.7	1235.0	1235.2	1235.7	1236.1	1236.6	1237.0
157.5°	1259.9	1259.2	1258.6	1257.9	1257.2	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9
160°	1279.7	1278.4	1277.1	1275.8	1274.5	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8
162.5°	1295.6	1294.3	1292.9	1291.6	1290.3	1289.6	1289.7	1289.9	1290.2	1290.4	1290.6
165°	1309.5	1308.2	1306.8	1305.5	1304.2	1303.5	1303.6	1303.8	1304.1	1304.3	1304.5
167.5°	1320.4	1319.1	1317.8	1316.5	1315.2	1314.5	1314.6	1314.8	1315.1	1315.3	1315.5
170°	1329.4	1327.8	1326.3	1324.7	1323.2	1322.4	1322.5	1322.7	1323.0	1323.2	1323.4
172.5°	1335.3	1333.8	1332.2	1330.7	1329.2	1328.4	1328.6	1329.1	1329.5	1330.0	1330.4
175°	1339.3	1338.0	1336.6	1335.3	1334.0	1333.3	1333.4	1333.6	1333.9	1334.1	1334.3
177.5°	1342.3	1341.0	1339.6	1338.3	1337.0	1336.3	1336.4	1336.6	1336.9	1337.1	1337.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1332.8	1340.1	1346.4	1343.3	1355.9	1354.8	1356.9	1361.1	1362.2	1360.1	1355.9
5°	1405.1	1415.6	1433.5	1442.9	1440.8	1449.2	1453.4	1459.7	1466.0	1463.9	1463.9
7.5°	1485.9	1500.6	1518.4	1542.5	1545.7	1553.0	1565.6	1565.6	1572.9	1569.8	1568.7
10°	1556.1	1574.0	1602.3	1621.2	1629.5	1633.7	1646.3	1650.5	1658.9	1660.0	1660.0
12.5°	1613.8	1645.3	1664.2	1683.0	1687.2	1693.5	1703.0	1709.2	1712.4	1712.4	1709.2
15°	1644.2	1669.4	1691.4	1711.3	1722.9	1728.1	1737.6	1744.9	1749.1	1758.5	1760.6
17.5°	1656.8	1687.2	1722.9	1751.2	1771.1	1776.4	1795.2	1801.5	1809.9	1814.1	1819.3
20°	1674.6	1718.7	1761.7	1796.3	1815.2	1828.8	1848.7	1878.1	1886.5	1886.5	1883.3
22.5°	1690.4	1747.0	1805.7	1861.3	1877.0	1904.3	1941.0	1972.4	1985.0	1990.3	1986.1
25°	1709.2	1786.8	1863.4	1932.6	1975.6	1995.5	2044.8	2082.6	2097.2	2105.6	2107.7
27.5°	1741.8	1839.3	1936.8	2024.9	2068.9	2092.0	2143.4	2175.9	2193.7	2201.0	2195.8
30°	1778.5	1898.0	2011.2	2089.9	2119.3	2147.6	2181.1	2193.7	2189.5	2189.5	2205.2
32.5°	1816.2	1939.9	2040.6	2092.0	2102.5	2098.3	2084.6	2046.9	2024.9	2024.9	2038.5
35°	1837.2	1944.1	1995.5	1978.7	1937.8	1913.7	1839.3	1797.3	1750.1	1747.0	1762.7
37.5°	1825.6	1871.8	1850.8	1740.7	1685.1	1639.0	1522.6	1476.5	1441.8	1393.6	1468.1
40°	1744.9	1729.2	1620.1	1461.8	1399.9	1334.9	1242.6	1196.5	1148.2	1140.9	1158.7
42.5°	1608.6	1515.3	1355.9	1202.8	1139.8	1093.7	1023.4	978.4	947.9	935.4	956.3
45°	1438.7	1291.9	1132.5	1010.9	941.7	917.5	853.6	813.7	790.7	781.2	795.9
47.5°	1231.1	1083.2	932.2	829.5	788.6	764.4	721.4	686.8	666.9	660.6	666.9
50°	1045.5	893.4	766.5	700.5	663.8	643.9	608.2	586.2	570.4	566.3	576.7
52.5°	885.0	746.6	650.1	591.4	567.3	550.5	525.4	506.5	497.0	492.8	500.2
55°	741.4	629.2	551.6	501.2	483.4	472.9	450.9	440.4	429.9	428.9	436.2
57.5°	614.5	536.9	465.6	429.9	424.7	409.0	390.1	380.6	375.4	374.4	377.5
60°	511.7	442.5	399.5	368.1	360.7	348.1	337.7	331.4	325.1	323.0	325.1
62.5°	425.7	371.2	336.6	315.6	305.1	302.0	290.5	283.1	282.1	282.1	284.2
65°	351.3	305.1	283.1	266.3	259.0	255.9	247.5	242.2	243.3	243.3	244.3
67.5°	286.3	252.7	232.8	224.4	218.1	217.1	208.7	206.6	204.5	204.5	206.6
70°	227.5	206.6	191.9	187.7	186.7	179.3	176.2	175.1	172.0	173.0	173.0
72.5°	178.3	164.6	156.2	150.0	151.0	146.8	142.6	142.6	140.5	143.7	143.7
75°	132.1	125.8	119.5	117.4	119.5	117.4	114.3	113.3	114.3	113.3	113.3
77.5°	97.5	94.4	92.3	91.2	91.2	87.0	84.9	87.0	82.8	84.9	84.9
80°	68.2	64.0	62.9	60.8	61.9	58.7	59.8	57.7	57.7	57.7	57.7
82.5°	43.0	41.9	41.9	41.9	40.9	40.9	40.9	40.9	40.9	40.9	39.8
85°	26.2	25.2	25.2	25.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1
87.5°	10.5	11.5	11.5	12.6	11.5	10.5	10.5	10.5	11.5	11.5	10.5
90°	17.0	18.1	19.2	20.3	20.8	21.1	21.8	22.5	23.1	23.8	23.1
92.5°	17.0	18.1	19.2	20.3	20.8	20.9	21.1	21.4	21.6	21.8	21.6
95°	17.0	18.1	19.2	20.3	20.8	20.8	20.8	20.8	20.8	20.8	20.8
97.5°	18.3	18.8	19.2	19.7	19.9	20.0	20.2	20.4	20.6	20.8	20.6
100°	139.8	107.0	74.1	41.2	24.8	24.4	23.5	22.6	21.7	20.8	21.7
102.5°	232.7	233.2	233.6	234.1	234.3	225.0	206.5	188.0	169.4	150.9	169.4
105°	295.9	295.9	295.9	295.9	295.9	295.8	295.6	295.3	295.1	294.9	295.1
107.5°	361.6	361.8	362.1	362.3	362.4	362.0	361.1	360.2	359.3	358.4	359.3
110°	426.2	425.6	424.9	424.2	423.9	424.0	424.2	424.5	424.7	424.9	424.7

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	489.5	488.7	487.8	486.9	486.5	486.3	485.8	485.4	484.9	484.5	484.9
115°	553.1	552.2	551.3	550.4	550.0	549.3	548.0	546.7	545.4	544.1	545.4
117.5°	615.2	613.9	612.6	611.3	610.6	610.4	609.9	609.5	609.0	608.6	609.0
120°	673.7	673.2	672.8	672.3	672.1	671.6	670.5	669.4	668.3	667.2	668.3
122.5°	730.3	729.8	729.4	728.9	728.7	728.0	726.7	725.4	724.1	722.8	724.1
125°	785.4	784.5	783.6	782.7	782.3	782.0	781.3	780.6	780.0	779.3	780.0
127.5°	835.5	835.1	834.6	834.2	834.0	833.1	831.3	829.6	827.8	826.0	827.8
130°	884.9	884.3	883.6	882.9	882.6	882.0	880.9	879.8	878.7	877.6	878.7
132.5°	930.3	930.3	930.3	930.3	930.3	929.7	928.6	927.5	926.4	925.3	926.4
135°	975.5	975.0	974.6	974.1	973.9	973.2	971.9	970.6	969.3	968.0	969.3
137.5°	1017.6	1017.6	1017.6	1017.6	1017.6	1017.1	1016.0	1014.9	1013.8	1012.7	1013.8
140°	1055.7	1056.2	1056.6	1057.1	1057.3	1056.6	1055.3	1054.0	1052.7	1051.4	1052.7
142.5°	1094.1	1094.1	1094.1	1094.1	1094.1	1093.4	1092.1	1090.8	1089.4	1088.1	1089.4
145°	1129.0	1129.2	1129.5	1129.7	1129.8	1129.1	1127.8	1126.5	1125.2	1123.9	1125.2
147.5°	1159.8	1160.0	1160.3	1160.5	1160.6	1159.8	1158.3	1156.7	1155.2	1153.6	1155.2
150°	1188.8	1189.3	1189.7	1190.2	1190.4	1189.5	1187.7	1186.0	1184.2	1182.4	1184.2
152.5°	1214.6	1215.1	1215.5	1216.0	1216.2	1215.4	1213.9	1212.3	1210.8	1209.2	1210.8
155°	1237.7	1238.3	1239.0	1239.7	1240.0	1239.1	1237.4	1235.6	1233.9	1232.1	1233.9
157.5°	1257.6	1258.2	1258.9	1259.6	1259.9	1259.0	1257.2	1255.5	1253.7	1251.9	1253.7
160°	1275.7	1276.5	1277.4	1278.3	1278.7	1277.8	1276.1	1274.3	1272.6	1270.8	1272.6
162.5°	1291.9	1293.3	1294.6	1295.9	1296.6	1295.6	1293.6	1291.7	1289.7	1287.7	1289.7
165°	1305.8	1307.2	1308.5	1309.8	1310.5	1309.6	1307.9	1306.1	1304.4	1302.6	1304.4
167.5°	1317.0	1318.6	1320.1	1321.6	1322.4	1321.4	1319.4	1317.5	1315.5	1313.5	1315.5
170°	1325.2	1326.9	1328.7	1330.4	1331.3	1330.3	1328.3	1326.4	1324.4	1322.4	1324.4
172.5°	1331.9	1333.5	1335.0	1336.5	1337.3	1336.3	1334.3	1332.4	1330.4	1328.4	1330.4
175°	1336.1	1337.9	1339.6	1341.4	1342.3	1341.3	1339.3	1337.3	1335.3	1333.3	1335.3
177.5°	1338.9	1340.4	1342.0	1343.5	1344.3	1343.4	1341.6	1339.9	1338.1	1336.3	1338.1
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1361.1	1353.8	1356.9	1353.8	1350.6	1347.5	1340.1	1329.6	1321.3	1315.0	1313.9
5°	1466.0	1456.5	1450.2	1447.1	1440.8	1432.4	1418.8	1403.0	1384.2	1376.8	1362.2
7.5°	1562.4	1559.3	1544.6	1542.5	1538.3	1522.6	1499.5	1478.5	1454.4	1434.5	1415.6
10°	1653.7	1646.3	1635.8	1621.2	1619.1	1599.1	1577.1	1547.8	1516.3	1497.4	1463.9
12.5°	1710.3	1701.9	1690.4	1680.9	1675.7	1663.1	1632.7	1603.3	1575.0	1540.4	1511.1
15°	1751.2	1740.7	1719.7	1712.4	1706.1	1689.3	1667.3	1636.9	1599.1	1575.0	1533.1
17.5°	1806.8	1794.2	1773.2	1759.6	1748.0	1721.8	1690.4	1649.5	1613.8	1586.6	1548.8
20°	1870.7	1851.9	1824.6	1806.8	1790.0	1759.6	1715.5	1667.3	1615.9	1582.4	1543.6
22.5°	1976.6	1941.0	1898.0	1872.8	1849.8	1797.3	1744.9	1685.1	1627.5	1577.1	1529.9
25°	2079.4	2043.8	1990.3	1955.7	1920.0	1859.2	1790.0	1707.1	1633.7	1575.0	1513.2
27.5°	2174.8	2138.1	2088.8	2046.9	2012.3	1921.1	1829.8	1736.5	1643.2	1562.4	1499.5
30°	2196.9	2181.1	2143.4	2106.7	2075.2	1991.3	1885.4	1766.9	1654.7	1550.9	1480.6
32.5°	2063.7	2102.5	2111.9	2106.7	2086.7	2027.0	1929.5	1804.7	1671.5	1545.7	1449.2
35°	1786.8	1857.1	1929.5	1968.3	1987.1	1995.5	1937.8	1823.5	1683.0	1537.3	1428.2
37.5°	1481.7	1549.9	1664.2	1721.8	1785.8	1869.7	1892.8	1819.3	1677.8	1531.0	1394.7
40°	1217.4	1304.5	1398.9	1451.3	1506.9	1657.9	1772.2	1763.8	1661.0	1507.9	1368.4
42.5°	990.9	1045.5	1128.3	1186.0	1254.1	1423.0	1576.1	1651.6	1610.7	1479.6	1334.9
45°	826.3	868.3	927.0	985.7	1027.6	1180.7	1362.2	1485.9	1524.7	1429.3	1283.5
47.5°	696.3	727.7	779.1	815.8	860.9	981.5	1138.8	1312.9	1394.7	1358.0	1229.0
50°	596.7	621.8	662.7	685.8	725.6	829.5	949.0	1131.5	1255.2	1259.4	1156.6
52.5°	509.6	534.8	569.4	589.3	613.4	683.7	804.3	958.4	1101.0	1153.5	1073.8
55°	443.6	458.2	486.6	502.3	524.3	592.5	669.0	800.1	949.0	1035.0	984.7
57.5°	382.7	398.5	416.3	428.9	444.6	499.1	568.3	666.9	814.8	908.1	891.3
60°	333.5	342.9	359.7	369.1	383.8	419.4	467.7	566.3	683.7	771.8	781.2
62.5°	287.3	295.7	307.2	315.6	325.1	353.4	389.0	459.3	562.1	657.5	670.1
65°	247.5	254.8	261.1	268.4	275.8	293.6	324.0	378.6	458.2	547.4	574.6
67.5°	211.8	213.9	223.4	224.4	228.6	242.2	264.3	308.3	366.0	437.3	472.9
70°	177.2	181.4	183.5	186.7	190.8	200.3	218.1	241.2	284.2	341.8	375.4
72.5°	143.7	144.7	147.9	150.0	154.1	161.5	169.9	187.7	215.0	256.9	287.3
75°	114.3	115.3	117.4	118.5	121.6	123.7	127.9	140.5	159.4	184.6	206.6
77.5°	86.0	88.1	90.2	90.2	91.2	93.3	95.4	99.6	109.1	125.8	144.7
80°	58.7	59.8	59.8	60.8	59.8	62.9	66.1	71.3	75.5	80.7	90.2
82.5°	40.9	40.9	40.9	41.9	41.9	43.0	43.0	44.0	45.1	48.2	52.4
85°	25.2	25.2	26.2	24.1	25.2	26.2	26.2	25.2	26.2	27.3	28.3
87.5°	10.5	10.5	11.5	11.5	11.5	11.5	10.5	11.5	10.5	11.5	11.5
90°	22.5	21.8	21.1	20.8	20.3	19.2	18.1	17.0	15.9	14.3	12.8
92.5°	21.4	21.1	20.9	20.8	20.3	19.2	18.1	17.0	15.9	14.6	13.2
95°	20.8	20.8	20.8	20.8	20.3	19.2	18.1	17.0	15.9	24.3	32.7
97.5°	20.4	20.2	20.0	19.9	19.7	19.2	18.8	18.3	17.9	38.9	59.8
100°	22.6	23.5	24.4	24.8	41.2	74.1	107.0	139.8	172.7	171.8	171.0
102.5°	188.0	206.5	225.0	234.3	234.1	233.6	233.2	232.7	232.3	231.9	231.4
105°	295.3	295.6	295.8	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	360.2	361.1	362.0	362.4	362.3	362.1	361.8	361.6	361.4	361.0	360.5
110°	424.5	424.2	424.0	423.9	424.2	424.9	425.6	426.2	426.9	426.5	426.0

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	485.4	485.8	486.3	486.5	486.9	487.8	488.7	489.5	490.4	490.2	490.0
115°	546.7	548.0	549.3	550.0	550.4	551.3	552.2	553.1	554.0	553.8	553.6
117.5°	609.5	609.9	610.4	610.6	611.3	612.6	613.9	615.2	616.5	615.6	614.8
120°	669.4	670.5	671.6	672.1	672.3	672.8	673.2	673.7	674.1	673.4	672.8
122.5°	725.4	726.7	728.0	728.7	728.9	729.4	729.8	730.3	730.7	730.5	730.3
125°	780.6	781.3	782.0	782.3	782.7	783.6	784.5	785.4	786.3	786.3	786.3
127.5°	829.6	831.3	833.1	834.0	834.2	834.6	835.1	835.5	835.9	836.1	836.3
130°	879.8	880.9	882.0	882.6	882.9	883.6	884.3	884.9	885.6	885.4	885.2
132.5°	927.5	928.6	929.7	930.3	930.3	930.3	930.3	930.3	930.3	930.9	931.6
135°	970.6	971.9	973.2	973.9	974.1	974.6	975.0	975.5	975.9	976.3	976.8
137.5°	1014.9	1016.0	1017.1	1017.6	1017.6	1017.6	1017.6	1017.6	1017.6	1018.0	1018.5
140°	1054.0	1055.3	1056.6	1057.3	1057.1	1056.6	1056.2	1055.7	1055.3	1055.5	1055.7
142.5°	1090.8	1092.1	1093.4	1094.1	1094.1	1094.1	1094.1	1094.1	1094.1	1093.7	1093.2
145°	1126.5	1127.8	1129.1	1129.8	1129.7	1129.5	1129.2	1129.0	1128.8	1128.8	1128.8
147.5°	1156.7	1158.3	1159.8	1160.6	1160.5	1160.3	1160.0	1159.8	1159.6	1159.4	1159.2
150°	1186.0	1187.7	1189.5	1190.4	1190.2	1189.7	1189.3	1188.8	1188.4	1188.0	1187.5
152.5°	1212.3	1213.9	1215.4	1216.2	1216.0	1215.5	1215.1	1214.6	1214.2	1213.8	1213.3
155°	1235.6	1237.4	1239.1	1240.0	1239.7	1239.0	1238.3	1237.7	1237.0	1236.6	1236.1
157.5°	1255.5	1257.2	1259.0	1259.9	1259.6	1258.9	1258.2	1257.6	1256.9	1256.9	1256.9
160°	1274.3	1276.1	1277.8	1278.7	1278.3	1277.4	1276.5	1275.7	1274.8	1274.6	1274.4
162.5°	1291.7	1293.6	1295.6	1296.6	1295.9	1294.6	1293.3	1291.9	1290.6	1290.4	1290.2
165°	1306.1	1307.9	1309.6	1310.5	1309.8	1308.5	1307.2	1305.8	1304.5	1304.3	1304.1
167.5°	1317.5	1319.4	1321.4	1322.4	1321.6	1320.1	1318.6	1317.0	1315.5	1315.3	1315.1
170°	1326.4	1328.3	1330.3	1331.3	1330.4	1328.7	1326.9	1325.2	1323.4	1323.2	1323.0
172.5°	1332.4	1334.3	1336.3	1337.3	1336.5	1335.0	1333.5	1331.9	1330.4	1330.0	1329.5
175°	1337.3	1339.3	1341.3	1342.3	1341.4	1339.6	1337.9	1336.1	1334.3	1334.1	1333.9
177.5°	1339.9	1341.6	1343.4	1344.3	1343.5	1342.0	1340.4	1338.9	1337.3	1337.1	1336.9
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1310.8	1304.5	1300.3	1299.2	1292.9	1287.7	1281.4	1280.4	1277.2	1268.8	1263.6
5°	1351.7	1337.0	1333.8	1324.4	1308.7	1297.1	1282.5	1274.1	1264.6	1248.9	1236.3
7.5°	1393.6	1373.7	1359.0	1345.4	1323.4	1302.4	1281.4	1264.6	1247.9	1224.8	1205.9
10°	1434.5	1404.1	1386.3	1366.3	1335.9	1304.5	1275.1	1251.0	1223.7	1196.5	1169.2
12.5°	1472.3	1433.5	1407.2	1378.9	1341.2	1302.4	1264.6	1231.1	1202.8	1166.1	1135.7
15°	1495.3	1452.3	1426.1	1398.9	1342.2	1299.2	1255.2	1212.2	1174.5	1135.7	1107.3
17.5°	1509.0	1460.7	1431.4	1406.2	1348.5	1289.8	1233.2	1187.0	1146.1	1100.0	1062.2
20°	1502.7	1455.5	1428.2	1404.1	1337.0	1278.3	1217.4	1164.0	1112.6	1065.4	1025.5
22.5°	1489.0	1439.8	1409.3	1387.3	1327.5	1258.3	1191.2	1133.6	1080.1	1032.9	987.8
25°	1459.7	1411.4	1385.2	1358.0	1299.2	1233.2	1165.0	1103.1	1046.5	996.2	945.9
27.5°	1433.5	1374.7	1347.5	1323.4	1261.5	1202.8	1135.7	1067.5	1009.8	957.4	907.1
30°	1403.0	1337.0	1307.6	1275.1	1219.5	1164.0	1096.9	1033.9	974.2	918.6	870.4
32.5°	1370.5	1294.0	1260.4	1223.7	1167.1	1114.7	1058.1	996.2	936.4	881.9	831.6
35°	1328.6	1246.8	1208.0	1173.4	1114.7	1062.2	1009.8	958.4	898.7	841.0	792.8
37.5°	1288.7	1198.6	1157.7	1117.8	1056.0	1005.6	962.6	914.4	856.7	801.1	755.0
40°	1243.7	1139.8	1097.9	1061.2	997.2	941.7	902.9	865.1	814.8	761.3	711.0
42.5°	1202.8	1085.3	1041.3	1003.5	936.4	884.0	847.3	815.8	771.8	722.5	671.1
45°	1146.1	1026.6	981.5	941.7	873.5	824.2	786.5	759.2	724.6	678.5	632.3
47.5°	1093.7	970.0	920.7	872.4	810.6	760.2	725.6	704.7	681.6	640.7	593.5
50°	1029.7	905.0	854.6	814.8	744.5	701.5	666.9	652.2	631.3	592.5	554.7
52.5°	960.5	842.0	794.9	746.6	681.6	639.7	609.2	592.5	575.7	547.4	511.7
55°	879.8	771.8	727.7	684.7	619.7	580.9	553.7	535.8	526.4	500.2	474.0
57.5°	802.2	700.5	659.6	619.7	563.1	519.1	501.2	485.5	471.9	453.0	431.0
60°	723.5	631.3	587.2	551.6	502.3	462.4	447.8	432.0	421.5	406.9	391.1
62.5°	633.4	554.7	521.2	487.6	445.7	414.2	397.4	384.8	371.2	361.8	348.1
65°	537.9	482.4	449.9	424.7	384.8	356.5	343.9	335.6	324.0	314.6	304.1
67.5°	448.8	404.8	391.1	363.9	333.5	308.3	298.9	288.4	278.9	273.7	264.3
70°	362.8	331.4	317.7	310.4	276.8	260.1	251.7	247.5	235.9	230.7	224.4
72.5°	281.0	269.5	260.1	250.6	228.6	218.1	208.7	204.5	196.1	191.9	189.8
75°	207.6	200.3	195.0	194.0	184.6	174.1	164.6	162.5	156.2	152.0	150.0
77.5°	145.8	143.7	142.6	143.7	137.4	131.1	129.0	126.9	119.5	118.5	118.5
80°	95.4	100.7	100.7	99.6	97.5	96.5	93.3	91.2	87.0	86.0	87.0
82.5°	58.7	61.9	62.9	65.0	64.0	62.9	60.8	59.8	60.8	58.7	59.8
85°	29.4	31.5	35.7	35.7	36.7	36.7	36.7	35.7	33.6	34.6	33.6
87.5°	11.5	12.6	12.6	12.6	11.5	14.7	15.7	15.7	15.7	13.6	13.6
90°	11.2	9.7	8.9	8.0	6.3	4.5	2.8	1.0	2.8	4.5	6.3
92.5°	11.9	10.6	9.9	10.9	12.9	14.9	16.9	18.9	16.9	14.9	12.9
95°	41.0	49.4	53.6	53.9	54.6	55.3	55.9	56.6	55.9	55.3	54.6
97.5°	80.8	101.7	112.2	111.5	110.2	108.9	107.5	106.2	107.5	108.9	110.2
100°	170.1	169.2	168.8	168.5	167.8	167.1	166.5	165.8	166.5	167.1	167.8
102.5°	231.0	230.5	230.3	229.9	229.0	228.1	227.3	226.4	227.3	228.1	229.0
105°	295.9	295.9	295.9	295.5	294.6	293.7	292.8	291.9	292.8	293.7	294.6
107.5°	360.1	359.6	359.4	359.4	359.4	359.4	359.4	359.4	359.4	359.4	359.4
110°	425.6	425.1	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9	424.9

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	489.8	489.6	489.5	489.2	488.5	487.8	487.2	486.5	487.2	487.8	488.5
115°	553.3	553.1	553.0	552.4	551.3	550.2	549.1	548.0	549.1	550.2	551.3
117.5°	613.9	613.0	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6	612.6
120°	672.1	671.4	671.1	671.2	671.4	671.7	671.9	672.1	671.9	671.7	671.4
122.5°	730.0	729.8	729.7	729.1	728.0	726.9	725.8	724.7	725.8	726.9	728.0
125°	786.3	786.3	786.3	785.5	784.0	782.4	780.9	779.3	780.9	782.4	784.0
127.5°	836.6	836.8	836.9	836.4	835.3	834.2	833.1	832.0	833.1	834.2	835.3
130°	884.9	884.7	884.6	884.0	882.9	881.8	880.7	879.6	880.7	881.8	882.9
132.5°	932.2	932.9	933.2	932.5	931.2	929.9	928.6	927.3	928.6	929.9	931.2
135°	977.2	977.7	977.9	977.2	975.9	974.6	973.3	972.0	973.3	974.6	975.9
137.5°	1018.9	1019.4	1019.6	1018.9	1017.6	1016.3	1015.0	1013.7	1015.0	1016.3	1017.6
140°	1056.0	1056.2	1056.3	1056.1	1055.7	1055.2	1054.8	1054.4	1054.8	1055.2	1055.7
142.5°	1092.8	1092.3	1092.1	1092.0	1091.8	1091.5	1091.3	1091.1	1091.3	1091.5	1091.8
145°	1128.8	1128.8	1128.8	1128.6	1128.1	1127.7	1127.2	1126.8	1127.2	1127.7	1128.1
147.5°	1158.9	1158.7	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6	1158.6
150°	1187.1	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4	1188.0	1187.5	1187.1
152.5°	1212.9	1212.4	1212.2	1212.8	1213.9	1215.0	1216.1	1217.2	1216.1	1215.0	1213.9
155°	1235.7	1235.2	1235.0	1235.7	1237.0	1238.3	1239.7	1241.0	1239.7	1238.3	1237.0
157.5°	1256.9	1256.9	1256.9	1257.2	1257.9	1258.6	1259.2	1259.9	1259.2	1258.6	1257.9
160°	1274.1	1273.9	1273.8	1274.5	1275.8	1277.1	1278.4	1279.7	1278.4	1277.1	1275.8
162.5°	1289.9	1289.7	1289.6	1290.3	1291.6	1292.9	1294.3	1295.6	1294.3	1292.9	1291.6
165°	1303.8	1303.6	1303.5	1304.2	1305.5	1306.8	1308.2	1309.5	1308.2	1306.8	1305.5
167.5°	1314.8	1314.6	1314.5	1315.2	1316.5	1317.8	1319.1	1320.4	1319.1	1317.8	1316.5
170°	1322.7	1322.5	1322.4	1323.2	1324.7	1326.3	1327.8	1329.4	1327.8	1326.3	1324.7
172.5°	1329.1	1328.6	1328.4	1329.2	1330.7	1332.2	1333.8	1335.3	1333.8	1332.2	1330.7
175°	1333.6	1333.4	1333.3	1334.0	1335.3	1336.6	1338.0	1339.3	1338.0	1336.6	1335.3
177.5°	1336.6	1336.4	1336.3	1337.0	1338.3	1339.6	1341.0	1342.3	1341.0	1339.6	1338.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1260.4	1256.2	1253.1	1250.0	1236.3	1221.6	1219.5	1216.4	1210.1	1217.4	1214.3
5°	1227.9	1218.5	1213.2	1199.6	1182.8	1170.3	1159.8	1147.2	1141.9	1137.7	1136.7
7.5°	1188.1	1179.7	1170.3	1156.6	1135.7	1114.7	1098.9	1086.4	1075.9	1070.6	1070.6
10°	1149.3	1138.8	1126.2	1103.1	1083.2	1057.0	1040.2	1027.6	1013.0	1004.6	997.2
12.5°	1109.4	1097.9	1086.4	1057.0	1033.9	1006.7	982.6	966.8	959.5	950.0	937.5
15°	1069.6	1051.8	1040.2	1010.9	981.5	954.2	938.5	921.7	905.0	895.5	891.3
17.5°	1027.6	1015.1	996.2	964.7	932.2	908.1	885.0	869.3	849.4	839.9	830.5
20°	989.9	971.0	952.1	920.7	889.2	856.7	833.6	814.8	802.2	794.9	786.5
22.5°	944.8	927.0	911.2	877.7	843.1	812.7	787.5	776.0	763.4	751.9	743.5
25°	906.0	888.2	872.4	835.7	798.0	769.7	750.8	736.1	722.5	717.3	708.9
27.5°	865.1	848.3	827.4	790.7	757.1	733.0	713.1	699.4	688.9	678.5	672.2
30°	826.3	807.4	788.6	748.7	721.4	697.3	678.5	661.7	653.3	648.0	637.6
32.5°	788.6	764.4	748.7	712.0	685.8	662.7	647.0	632.3	621.8	612.4	604.0
35°	747.7	721.4	705.7	675.3	648.0	625.0	611.3	600.9	588.3	579.9	575.7
37.5°	708.9	686.8	671.1	639.7	612.4	593.5	578.8	565.2	560.0	548.4	546.3
40°	666.9	648.0	633.4	603.0	577.8	563.1	547.4	534.8	525.4	520.1	512.8
42.5°	629.2	613.4	597.7	569.4	545.3	527.5	515.9	504.4	496.0	487.6	482.4
45°	594.6	577.8	563.1	535.8	511.7	496.0	484.5	470.8	468.7	457.2	452.0
47.5°	557.9	543.2	530.6	502.3	480.3	464.5	450.9	441.5	432.0	427.8	420.5
50°	522.2	507.5	492.8	467.7	447.8	432.0	418.4	407.9	402.7	396.4	390.1
52.5°	483.4	471.9	460.3	434.1	414.2	400.6	389.0	375.4	370.2	364.9	360.7
55°	450.9	434.1	421.5	399.5	381.7	367.0	354.4	343.9	338.7	334.5	329.3
57.5°	406.9	396.4	385.9	366.0	349.2	334.5	321.9	313.5	307.2	304.1	305.1
60°	369.1	357.6	351.3	330.3	313.5	302.0	290.5	282.1	275.8	272.6	271.6
62.5°	329.3	320.9	309.3	294.7	277.9	267.4	259.0	252.7	242.2	241.2	238.0
65°	290.5	284.2	273.7	260.1	246.4	237.0	227.5	219.2	215.0	209.7	206.6
67.5°	252.7	246.4	237.0	225.5	216.0	206.6	198.2	189.8	182.5	178.3	176.2
70°	216.0	210.8	204.5	190.8	179.3	172.0	165.7	160.4	153.1	151.0	150.0
72.5°	180.4	175.1	172.0	160.4	150.0	143.7	137.4	132.1	129.0	127.9	124.8
75°	147.9	142.6	138.4	127.9	121.6	117.4	111.2	109.1	105.9	104.9	103.8
77.5°	115.3	110.1	109.1	101.7	94.4	92.3	90.2	86.0	86.0	86.0	83.9
80°	82.8	81.8	80.7	73.4	70.3	68.2	67.1	64.0	61.9	59.8	58.7
82.5°	55.6	54.5	53.5	50.3	47.2	46.1	45.1	43.0	43.0	44.0	41.9
85°	33.6	31.5	30.4	29.4	27.3	27.3	28.3	27.3	27.3	27.3	26.2
87.5°	12.6	12.6	12.6	12.6	13.6	11.5	12.6	12.6	11.5	11.5	10.5
90°	8.0	8.9	9.7	11.2	12.8	14.3	15.9	17.0	18.1	19.2	20.3
92.5°	10.9	9.9	10.6	11.9	13.2	14.6	15.9	17.0	18.1	19.2	20.3
95°	53.9	53.6	49.4	41.0	32.7	24.3	15.9	17.0	18.1	19.2	20.3
97.5°	111.5	112.2	101.7	80.8	59.8	38.9	17.9	18.3	18.8	19.2	19.7
100°	168.5	168.8	169.2	170.1	171.0	171.8	172.7	139.8	107.0	74.1	41.2
102.5°	229.9	230.3	230.5	231.0	231.4	231.9	232.3	232.7	233.2	233.6	234.1
105°	295.5	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9
107.5°	359.4	359.4	359.6	360.1	360.5	361.0	361.4	361.6	361.8	362.1	362.3
110°	424.9	424.9	425.1	425.6	426.0	426.5	426.9	426.2	425.6	424.9	424.2

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	489.2	489.5	489.6	489.8	490.0	490.2	490.4	489.5	488.7	487.8	486.9
115°	552.4	553.0	553.1	553.3	553.6	553.8	554.0	553.1	552.2	551.3	550.4
117.5°	612.6	612.6	613.0	613.9	614.8	615.6	616.5	615.2	613.9	612.6	611.3
120°	671.2	671.1	671.4	672.1	672.8	673.4	674.1	673.7	673.2	672.8	672.3
122.5°	729.1	729.7	729.8	730.0	730.3	730.5	730.7	730.3	729.8	729.4	728.9
125°	785.5	786.3	786.3	786.3	786.3	786.3	786.3	785.4	784.5	783.6	782.7
127.5°	836.4	836.9	836.8	836.6	836.3	836.1	835.9	835.5	835.1	834.6	834.2
130°	884.0	884.6	884.7	884.9	885.2	885.4	885.6	884.9	884.3	883.6	882.9
132.5°	932.5	933.2	932.9	932.2	931.6	930.9	930.3	930.3	930.3	930.3	930.3
135°	977.2	977.9	977.7	977.2	976.8	976.3	975.9	975.5	975.0	974.6	974.1
137.5°	1018.9	1019.6	1019.4	1018.9	1018.5	1018.0	1017.6	1017.6	1017.6	1017.6	1017.6
140°	1056.1	1056.3	1056.2	1056.0	1055.7	1055.5	1055.3	1055.7	1056.2	1056.6	1057.1
142.5°	1092.0	1092.1	1092.3	1092.8	1093.2	1093.7	1094.1	1094.1	1094.1	1094.1	1094.1
145°	1128.6	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1129.0	1129.2	1129.5	1129.7
147.5°	1158.6	1158.6	1158.7	1158.9	1159.2	1159.4	1159.6	1159.8	1160.0	1160.3	1160.5
150°	1186.6	1186.4	1186.6	1187.1	1187.5	1188.0	1188.4	1188.8	1189.3	1189.7	1190.2
152.5°	1212.8	1212.2	1212.4	1212.9	1213.3	1213.8	1214.2	1214.6	1215.1	1215.5	1216.0
155°	1235.7	1235.0	1235.2	1235.7	1236.1	1236.6	1237.0	1237.7	1238.3	1239.0	1239.7
157.5°	1257.2	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9	1257.6	1258.2	1258.9	1259.6
160°	1274.5	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8	1275.7	1276.5	1277.4	1278.3
162.5°	1290.3	1289.6	1289.7	1289.9	1290.2	1290.4	1290.6	1291.9	1293.3	1294.6	1295.9
165°	1304.2	1303.5	1303.6	1303.8	1304.1	1304.3	1304.5	1305.8	1307.2	1308.5	1309.8
167.5°	1315.2	1314.5	1314.6	1314.8	1315.1	1315.3	1315.5	1317.0	1318.6	1320.1	1321.6
170°	1323.2	1322.4	1322.5	1322.7	1323.0	1323.2	1323.4	1325.2	1326.9	1328.7	1330.4
172.5°	1329.2	1328.4	1328.6	1329.1	1329.5	1330.0	1330.4	1331.9	1333.5	1335.0	1336.5
175°	1334.0	1333.3	1333.4	1333.6	1333.9	1334.1	1334.3	1336.1	1337.9	1339.6	1341.4
177.5°	1337.0	1336.3	1336.4	1336.6	1336.9	1337.1	1337.3	1338.9	1340.4	1342.0	1343.5
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1209.1	1211.2	1205.9	1203.8	1199.6	1204.9	1205.9	1204.9	1214.3	1210.1	1212.2
5°	1138.8	1134.6	1131.5	1124.1	1124.1	1125.2	1128.3	1123.1	1126.2	1133.6	1132.5
7.5°	1061.2	1059.1	1060.2	1051.8	1045.5	1047.6	1045.5	1054.9	1060.2	1058.1	1062.2
10°	990.9	995.1	985.7	981.5	977.3	981.5	980.5	982.6	988.8	993.0	1000.4
12.5°	934.3	933.3	928.0	923.8	916.5	918.6	924.9	922.8	923.8	933.3	932.2
15°	880.8	874.5	870.4	860.9	863.0	855.7	862.0	869.3	872.4	880.8	886.1
17.5°	827.4	826.3	821.1	820.0	808.5	805.3	811.6	813.7	816.9	821.1	828.4
20°	782.3	781.2	773.9	771.8	762.3	768.6	766.5	770.7	772.8	781.2	784.4
22.5°	741.4	736.1	734.0	730.9	727.7	726.7	730.9	729.8	737.2	740.3	741.4
25°	703.6	699.4	698.4	693.1	691.0	687.9	691.0	694.2	702.6	705.7	709.9
27.5°	669.0	665.9	663.8	659.6	656.4	656.4	658.5	662.7	665.9	668.0	670.1
30°	637.6	635.5	629.2	627.1	623.9	623.9	623.9	626.0	631.3	637.6	640.7
32.5°	605.1	600.9	596.7	596.7	593.5	593.5	594.6	596.7	601.9	603.0	608.2
35°	573.6	569.4	566.3	564.2	565.2	561.0	563.1	566.3	572.5	574.6	577.8
37.5°	543.2	542.1	535.8	532.7	534.8	534.8	533.7	535.8	540.0	544.2	546.3
40°	509.6	507.5	507.5	504.4	505.4	501.2	504.4	506.5	508.6	512.8	515.9
42.5°	480.3	478.2	474.0	475.0	471.9	471.9	474.0	475.0	478.2	483.4	485.5
45°	448.8	448.8	446.7	443.6	444.6	441.5	443.6	444.6	448.8	454.1	452.0
47.5°	418.4	417.3	417.3	413.2	415.3	412.1	415.3	416.3	418.4	421.5	420.5
50°	389.0	385.9	386.9	385.9	384.8	384.8	386.9	386.9	389.0	389.0	392.2
52.5°	358.6	358.6	356.5	357.6	359.7	357.6	360.7	357.6	359.7	360.7	362.8
55°	331.4	329.3	330.3	329.3	333.5	330.3	333.5	331.4	333.5	332.4	334.5
57.5°	302.0	298.9	299.9	298.9	302.0	301.0	304.1	301.0	302.0	303.1	306.2
60°	268.4	268.4	268.4	266.3	269.5	269.5	268.4	268.4	272.6	274.7	273.7
62.5°	237.0	235.9	232.8	231.7	232.8	230.7	234.9	233.8	235.9	238.0	240.1
65°	202.4	200.3	199.2	197.1	197.1	196.1	197.1	201.3	202.4	203.4	208.7
67.5°	174.1	173.0	172.0	168.8	168.8	170.9	170.9	170.9	177.2	174.1	178.3
70°	148.9	146.8	144.7	143.7	143.7	144.7	145.8	146.8	145.8	150.0	151.0
72.5°	124.8	125.8	123.7	123.7	123.7	122.7	122.7	124.8	125.8	124.8	125.8
75°	103.8	103.8	102.8	103.8	103.8	102.8	102.8	104.9	104.9	103.8	107.0
77.5°	83.9	82.8	80.7	78.6	79.7	78.6	79.7	78.6	81.8	84.9	82.8
80°	58.7	57.7	57.7	57.7	58.7	57.7	59.8	57.7	58.7	58.7	59.8
82.5°	41.9	43.0	43.0	41.9	43.0	41.9	43.0	43.0	43.0	41.9	43.0
85°	27.3	27.3	27.3	27.3	26.2	27.3	27.3	27.3	28.3	27.3	28.3
87.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	12.6	11.5	12.6
90°	20.8	21.1	21.8	22.5	23.1	23.8	23.1	22.5	21.8	21.1	20.8
92.5°	20.8	20.9	21.1	21.4	21.6	21.8	21.6	21.4	21.1	20.9	20.8
95°	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
97.5°	19.9	20.0	20.2	20.4	20.6	20.8	20.6	20.4	20.2	20.0	19.9
100°	24.8	24.4	23.5	22.6	21.7	20.8	21.7	22.6	23.5	24.4	24.8
102.5°	234.3	225.0	206.5	188.0	169.4	150.9	169.4	188.0	206.5	225.0	234.3
105°	295.9	295.8	295.6	295.3	295.1	294.9	295.1	295.3	295.6	295.8	295.9
107.5°	362.4	362.0	361.1	360.2	359.3	358.4	359.3	360.2	361.1	362.0	362.4
110°	423.9	424.0	424.2	424.5	424.7	424.9	424.7	424.5	424.2	424.0	423.9

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	486.5	486.3	485.8	485.4	484.9	484.5	484.9	485.4	485.8	486.3	486.5
115°	550.0	549.3	548.0	546.7	545.4	544.1	545.4	546.7	548.0	549.3	550.0
117.5°	610.6	610.4	609.9	609.5	609.0	608.6	609.0	609.5	609.9	610.4	610.6
120°	672.1	671.6	670.5	669.4	668.3	667.2	668.3	669.4	670.5	671.6	672.1
122.5°	728.7	728.0	726.7	725.4	724.1	722.8	724.1	725.4	726.7	728.0	728.7
125°	782.3	782.0	781.3	780.6	780.0	779.3	780.0	780.6	781.3	782.0	782.3
127.5°	834.0	833.1	831.3	829.6	827.8	826.0	827.8	829.6	831.3	833.1	834.0
130°	882.6	882.0	880.9	879.8	878.7	877.6	878.7	879.8	880.9	882.0	882.6
132.5°	930.3	929.7	928.6	927.5	926.4	925.3	926.4	927.5	928.6	929.7	930.3
135°	973.9	973.2	971.9	970.6	969.3	968.0	969.3	970.6	971.9	973.2	973.9
137.5°	1017.6	1017.1	1016.0	1014.9	1013.8	1012.7	1013.8	1014.9	1016.0	1017.1	1017.6
140°	1057.3	1056.6	1055.3	1054.0	1052.7	1051.4	1052.7	1054.0	1055.3	1056.6	1057.3
142.5°	1094.1	1093.4	1092.1	1090.8	1089.4	1088.1	1089.4	1090.8	1092.1	1093.4	1094.1
145°	1129.8	1129.1	1127.8	1126.5	1125.2	1123.9	1125.2	1126.5	1127.8	1129.1	1129.8
147.5°	1160.6	1159.8	1158.3	1156.7	1155.2	1153.6	1155.2	1156.7	1158.3	1159.8	1160.6
150°	1190.4	1189.5	1187.7	1186.0	1184.2	1182.4	1184.2	1186.0	1187.7	1189.5	1190.4
152.5°	1216.2	1215.4	1213.9	1212.3	1210.8	1209.2	1210.8	1212.3	1213.9	1215.4	1216.2
155°	1240.0	1239.1	1237.4	1235.6	1233.9	1232.1	1233.9	1235.6	1237.4	1239.1	1240.0
157.5°	1259.9	1259.0	1257.2	1255.5	1253.7	1251.9	1253.7	1255.5	1257.2	1259.0	1259.9
160°	1278.7	1277.8	1276.1	1274.3	1272.6	1270.8	1272.6	1274.3	1276.1	1277.8	1278.7
162.5°	1296.6	1295.6	1293.6	1291.7	1289.7	1287.7	1289.7	1291.7	1293.6	1295.6	1296.6
165°	1310.5	1309.6	1307.9	1306.1	1304.4	1302.6	1304.4	1306.1	1307.9	1309.6	1310.5
167.5°	1322.4	1321.4	1319.4	1317.5	1315.5	1313.5	1315.5	1317.5	1319.4	1321.4	1322.4
170°	1331.3	1330.3	1328.3	1326.4	1324.4	1322.4	1324.4	1326.4	1328.3	1330.3	1331.3
172.5°	1337.3	1336.3	1334.3	1332.4	1330.4	1328.4	1330.4	1332.4	1334.3	1336.3	1337.3
175°	1342.3	1341.3	1339.3	1337.3	1335.3	1333.3	1335.3	1337.3	1339.3	1341.3	1342.3
177.5°	1344.3	1343.4	1341.6	1339.9	1338.1	1336.3	1338.1	1339.9	1341.6	1343.4	1344.3
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1208.0	1213.2	1209.1	1205.9	1214.3	1218.5	1218.5	1225.8	1233.2	1239.5	1240.5
5°	1133.6	1141.9	1144.0	1143.0	1155.6	1161.9	1175.5	1182.8	1193.3	1200.7	1209.1
7.5°	1065.4	1076.9	1078.0	1080.1	1098.9	1109.4	1121.0	1139.8	1154.5	1165.0	1174.5
10°	997.2	1004.6	1011.9	1021.4	1040.2	1058.1	1074.8	1094.8	1113.6	1124.1	1137.7
12.5°	945.9	951.1	959.5	965.8	985.7	1001.4	1023.4	1050.7	1078.0	1086.4	1103.1
15°	892.4	895.5	912.3	918.6	935.4	961.6	975.2	1001.4	1030.8	1046.5	1065.4
17.5°	830.5	849.4	859.9	867.2	888.2	909.2	931.2	958.4	996.2	1010.9	1024.5
20°	786.5	800.1	811.6	821.1	839.9	871.4	891.3	913.3	949.0	965.8	985.7
22.5°	747.7	759.2	769.7	780.2	792.8	821.1	844.1	874.5	910.2	925.9	949.0
25°	711.0	722.5	728.8	741.4	758.1	778.1	805.3	832.6	868.3	886.1	908.1
27.5°	675.3	686.8	698.4	708.9	720.4	739.3	758.1	792.8	829.5	850.4	869.3
30°	644.9	650.1	660.6	672.2	683.7	701.5	723.5	747.7	789.6	808.5	831.6
32.5°	611.3	620.8	628.1	636.5	651.2	665.9	685.8	716.2	749.8	767.6	792.8
35°	579.9	588.3	593.5	608.2	617.6	633.4	653.3	680.6	708.9	728.8	750.8
37.5°	549.5	557.9	564.2	572.5	585.1	598.8	619.7	639.7	673.2	690.0	715.2
40°	518.0	525.4	532.7	542.1	553.7	570.4	583.0	608.2	635.5	654.3	673.2
42.5°	487.6	491.8	500.2	510.7	522.2	536.9	554.7	574.6	601.9	618.7	635.5
45°	455.1	462.4	471.9	479.2	489.7	504.4	520.1	537.9	565.2	582.0	599.8
47.5°	424.7	429.9	436.2	447.8	461.4	471.9	488.7	505.4	530.6	546.3	563.1
50°	393.2	398.5	407.9	415.3	425.7	439.4	455.1	472.9	497.0	507.5	524.3
52.5°	363.9	366.0	375.4	382.7	393.2	409.0	421.5	437.3	460.3	471.9	488.7
55°	334.5	336.6	341.8	349.2	360.7	373.3	386.9	404.8	424.7	435.2	450.9
57.5°	304.1	306.2	311.4	316.7	328.2	339.8	355.5	370.2	390.1	399.5	414.2
60°	273.7	273.7	278.9	286.3	294.7	305.1	318.8	336.6	351.3	362.8	373.3
62.5°	241.2	244.3	247.5	252.7	262.2	274.7	286.3	298.9	316.7	325.1	334.5
65°	208.7	211.8	218.1	223.4	230.7	239.1	253.8	264.3	277.9	287.3	295.7
67.5°	180.4	183.5	187.7	194.0	199.2	208.7	219.2	229.6	244.3	250.6	256.9
70°	151.0	154.1	157.3	165.7	170.9	178.3	185.6	196.1	208.7	212.9	218.1
72.5°	127.9	129.0	133.2	135.3	142.6	148.9	157.3	163.6	173.0	178.3	182.5
75°	108.0	108.0	109.1	111.2	115.3	119.5	125.8	132.1	140.5	143.7	148.9
77.5°	84.9	88.1	87.0	89.1	91.2	93.3	98.6	102.8	111.2	113.3	115.3
80°	60.8	61.9	65.0	68.2	68.2	71.3	74.5	75.5	80.7	83.9	83.9
82.5°	44.0	45.1	44.0	45.1	46.1	47.2	50.3	54.5	54.5	55.6	57.7
85°	27.3	27.3	28.3	29.4	29.4	28.3	30.4	29.4	30.4	32.5	32.5
87.5°	13.6	12.6	12.6	12.6	12.6	12.6	13.6	12.6	13.6	13.6	13.6
90°	20.3	19.2	18.1	17.0	15.9	14.3	12.8	11.2	9.7	8.9	8.0
92.5°	20.3	19.2	18.1	17.0	15.9	14.6	13.2	11.9	10.6	9.9	10.9
95°	20.3	19.2	18.1	17.0	15.9	24.3	32.7	41.0	49.4	53.6	53.9
97.5°	19.7	19.2	18.8	18.3	17.9	38.9	59.8	80.8	101.7	112.2	111.5
100°	41.2	74.1	107.0	139.8	172.7	171.8	171.0	170.1	169.2	168.8	168.5
102.5°	234.1	233.6	233.2	232.7	232.3	231.9	231.4	231.0	230.5	230.3	229.9
105°	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.9	295.5
107.5°	362.3	362.1	361.8	361.6	361.4	361.0	360.5	360.1	359.6	359.4	359.4
110°	424.2	424.9	425.6	426.2	426.9	426.5	426.0	425.6	425.1	424.9	424.9

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	486.9	487.8	488.7	489.5	490.4	490.2	490.0	489.8	489.6	489.5	489.2
115°	550.4	551.3	552.2	553.1	554.0	553.8	553.6	553.3	553.1	553.0	552.4
117.5°	611.3	612.6	613.9	615.2	616.5	615.6	614.8	613.9	613.0	612.6	612.6
120°	672.3	672.8	673.2	673.7	674.1	673.4	672.8	672.1	671.4	671.1	671.2
122.5°	728.9	729.4	729.8	730.3	730.7	730.5	730.3	730.0	729.8	729.7	729.1
125°	782.7	783.6	784.5	785.4	786.3	786.3	786.3	786.3	786.3	786.3	785.5
127.5°	834.2	834.6	835.1	835.5	835.9	836.1	836.3	836.6	836.8	836.9	836.4
130°	882.9	883.6	884.3	884.9	885.6	885.4	885.2	884.9	884.7	884.6	884.0
132.5°	930.3	930.3	930.3	930.3	930.3	930.9	931.6	932.2	932.9	933.2	932.5
135°	974.1	974.6	975.0	975.5	975.9	976.3	976.8	977.2	977.7	977.9	977.2
137.5°	1017.6	1017.6	1017.6	1017.6	1017.6	1018.0	1018.5	1018.9	1019.4	1019.6	1018.9
140°	1057.1	1056.6	1056.2	1055.7	1055.3	1055.5	1055.7	1056.0	1056.2	1056.3	1056.1
142.5°	1094.1	1094.1	1094.1	1094.1	1094.1	1093.7	1093.2	1092.8	1092.3	1092.1	1092.0
145°	1129.7	1129.5	1129.2	1129.0	1128.8	1128.8	1128.8	1128.8	1128.8	1128.8	1128.6
147.5°	1160.5	1160.3	1160.0	1159.8	1159.6	1159.4	1159.2	1158.9	1158.7	1158.6	1158.6
150°	1190.2	1189.7	1189.3	1188.8	1188.4	1188.0	1187.5	1187.1	1186.6	1186.4	1186.6
152.5°	1216.0	1215.5	1215.1	1214.6	1214.2	1213.8	1213.3	1212.9	1212.4	1212.2	1212.8
155°	1239.7	1239.0	1238.3	1237.7	1237.0	1236.6	1236.1	1235.7	1235.2	1235.0	1235.7
157.5°	1259.6	1258.9	1258.2	1257.6	1256.9	1256.9	1256.9	1256.9	1256.9	1256.9	1257.2
160°	1278.3	1277.4	1276.5	1275.7	1274.8	1274.6	1274.4	1274.1	1273.9	1273.8	1274.5
162.5°	1295.9	1294.6	1293.3	1291.9	1290.6	1290.4	1290.2	1289.9	1289.7	1289.6	1290.3
165°	1309.8	1308.5	1307.2	1305.8	1304.5	1304.3	1304.1	1303.8	1303.6	1303.5	1304.2
167.5°	1321.6	1320.1	1318.6	1317.0	1315.5	1315.3	1315.1	1314.8	1314.6	1314.5	1315.2
170°	1330.4	1328.7	1326.9	1325.2	1323.4	1323.2	1323.0	1322.7	1322.5	1322.4	1323.2
172.5°	1336.5	1335.0	1333.5	1331.9	1330.4	1330.0	1329.5	1329.1	1328.6	1328.4	1329.2
175°	1341.4	1339.6	1337.9	1336.1	1334.3	1334.1	1333.9	1333.6	1333.4	1333.3	1334.0
177.5°	1343.5	1342.0	1340.4	1338.9	1337.3	1337.1	1336.9	1336.6	1336.4	1336.3	1337.0
180°	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3	1339.3

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1277.2	1277.2	1277.2	1277.2
2.5°	1247.9	1257.3	1266.7	1278.3
5°	1222.7	1239.5	1257.3	1274.1
7.5°	1195.4	1219.5	1242.6	1266.7
10°	1165.0	1195.4	1221.6	1255.2
12.5°	1131.5	1164.0	1200.7	1238.4
15°	1097.9	1138.8	1177.6	1220.6
17.5°	1066.4	1105.2	1148.2	1199.6
20°	1028.7	1071.7	1119.9	1174.5
22.5°	988.8	1036.0	1088.5	1147.2
25°	955.3	1003.5	1053.9	1115.7
27.5°	918.6	968.9	1018.2	1084.3
30°	876.6	931.2	981.5	1049.7
32.5°	836.8	891.3	946.9	1010.9
35°	798.0	851.5	907.1	972.1
37.5°	761.3	809.5	864.1	922.8
40°	726.7	770.7	819.0	872.4
42.5°	682.6	734.0	779.1	817.9
45°	644.9	686.8	728.8	760.2
47.5°	600.9	642.8	678.5	703.6
50°	564.2	597.7	627.1	649.1
52.5°	520.1	551.6	575.7	592.5
55°	477.1	504.4	525.4	536.9
57.5°	438.3	456.1	471.9	482.4
60°	395.3	409.0	422.6	434.1
62.5°	349.2	363.9	371.2	383.8
65°	308.3	317.7	329.3	333.5
67.5°	268.4	273.7	281.0	289.4
70°	226.5	229.6	237.0	248.5
72.5°	189.8	192.9	198.2	202.4
75°	151.0	154.1	158.3	162.5
77.5°	118.5	119.5	121.6	125.8
80°	86.0	89.1	91.2	92.3
82.5°	59.8	60.8	60.8	61.9
85°	37.8	35.7	35.7	36.7
87.5°	13.6	15.7	15.7	17.8
90°	6.3	4.5	2.8	1.0
92.5°	12.9	14.9	16.9	18.9
95°	54.6	55.3	55.9	56.6
97.5°	110.2	108.9	107.5	106.2
100°	167.8	167.1	166.5	165.8
102.5°	229.0	228.1	227.3	226.4
105°	294.6	293.7	292.8	291.9
107.5°	359.4	359.4	359.4	359.4
110°	424.9	424.9	424.9	424.9

TEST NUMBER: P1027256

CATALOG NUMBER: S125RDIP-B850D1090UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	488.5	487.8	487.2	486.5
115°	551.3	550.2	549.1	548.0
117.5°	612.6	612.6	612.6	612.6
120°	671.4	671.7	671.9	672.1
122.5°	728.0	726.9	725.8	724.7
125°	784.0	782.4	780.9	779.3
127.5°	835.3	834.2	833.1	832.0
130°	882.9	881.8	880.7	879.6
132.5°	931.2	929.9	928.6	927.3
135°	975.9	974.6	973.3	972.0
137.5°	1017.6	1016.3	1015.0	1013.7
140°	1055.7	1055.2	1054.8	1054.4
142.5°	1091.8	1091.5	1091.3	1091.1
145°	1128.1	1127.7	1127.2	1126.8
147.5°	1158.6	1158.6	1158.6	1158.6
150°	1187.1	1187.5	1188.0	1188.4
152.5°	1213.9	1215.0	1216.1	1217.2
155°	1237.0	1238.3	1239.7	1241.0
157.5°	1257.9	1258.6	1259.2	1259.9
160°	1275.8	1277.1	1278.4	1279.7
162.5°	1291.6	1292.9	1294.3	1295.6
165°	1305.5	1306.8	1308.2	1309.5
167.5°	1316.5	1317.8	1319.1	1320.4
170°	1324.7	1326.3	1327.8	1329.4
172.5°	1330.7	1332.2	1333.8	1335.3
175°	1335.3	1336.6	1338.0	1339.3
177.5°	1338.3	1339.6	1341.0	1342.3
180°	1339.3	1339.3	1339.3	1339.3

(END OF REPORT)