

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: P1027226

Luminaire Tested: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027226
REPORT IS A COMBINATION OF REPORTS P1005607 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B610D375UB2750-4F0-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

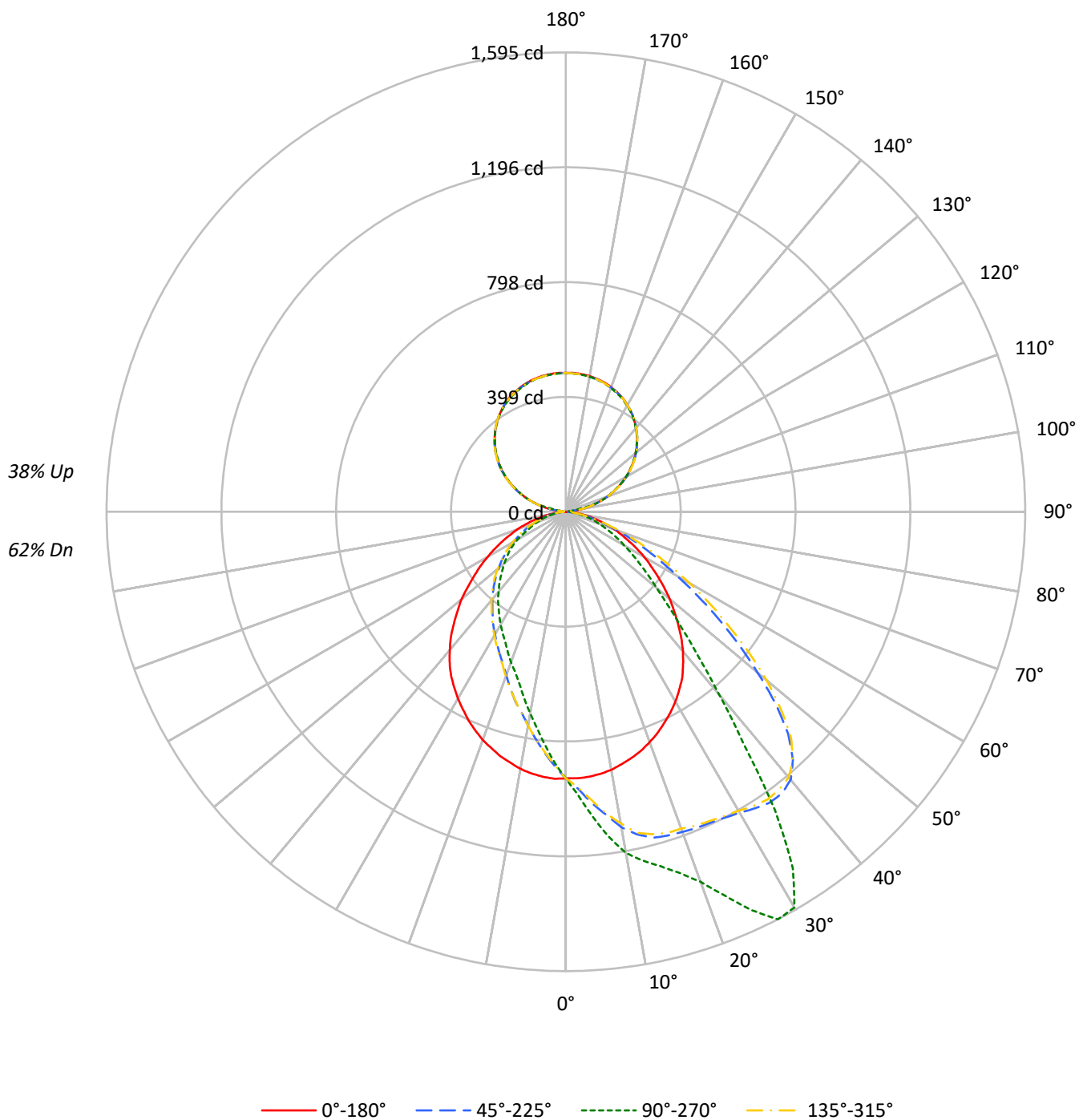
Lumens per Lamp: N/A
Luminaire Lumens: 3879.0 lumens
Efficiency: N/A
Efficacy: 116.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 33.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	67	67	67	62
1	101	97	93	90	94	91	88	85	80	77	75	70	68	66	60	59	58	58	58	58	53
2	92	85	79	74	86	80	75	70	70	66	63	62	59	56	53	51	49	49	49	49	45
3	85	75	68	62	79	71	64	59	63	58	54	55	51	48	48	45	43	43	43	43	39
4	78	67	59	53	72	63	56	51	56	50	46	49	45	41	43	40	37	37	37	37	34
5	71	60	52	46	67	57	49	44	50	44	40	44	40	36	39	35	32	32	32	32	30
6	66	54	46	40	62	51	44	38	45	39	35	40	35	32	35	32	29	29	29	29	26
7	61	49	41	35	57	46	39	34	41	35	31	37	32	28	32	29	26	26	26	26	23
8	57	44	37	31	53	42	35	30	38	32	28	34	29	25	30	26	23	23	23	23	21
9	53	41	33	28	50	39	32	27	35	29	25	31	26	23	27	24	21	21	21	21	19
10	49	37	30	25	46	35	29	24	32	26	22	29	24	21	25	22	19	19	19	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5930	5930	5930	5930
5°	5925	6684	5925	5137
10°	5892	7511	5872	4441
15°	5828	7946	5788	3867
20°	5751	8578	5699	3495
25°	5650	9709	5586	3172
30°	5548	10320	5465	2941
35°	5415	8487	5339	2726
40°	5180	5764	5136	2532
45°	4870	4143	4864	2341
50°	4553	3187	4575	2166
55°	4197	2591	4188	1996
60°	3864	2124	3846	1772
65°	3478	1769	3499	1426
70°	3157	1420	3143	1188
75°	2667	1076	2667	977
80°	2162	656	2136	656
85°	1521	346	1475	391

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8441 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.8	2.3
10°-20°	260.2	6.7
20°-30°	412.6	10.6
30°-40°	498.6	12.9
40°-50°	443.9	11.4
50°-60°	340.4	8.8
60°-70°	221.1	5.7
70°-80°	107.3	2.8
80°-90°	26.0	0.7
90°-100°	16.4	0.4
100°-110°	108.8	2.8
110°-120°	195.8	5.0
120°-130°	251.4	6.5
130°-140°	270.4	7.0
140°-150°	253.8	6.5
150°-160°	205.3	5.3
160°-170°	132.7	3.4
170°-180°	45.8	1.2
0°-30°	761.6	19.6
0°-40°	1260.1	32.5
0°-60°	2044.4	52.7
0°-90°	2398.7	61.8
90°-120°	321.0	8.3
90°-150°	1096.5	28.3
90°-180°	1480.0	38.2
0°-180°	3879.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	926	926	926	926	926	
5°	923	1061	923	815	923	88
15°	884	1274	878	620	884	249
25°	809	1526	799	498	809	373
35°	704	1266	695	407	704	439
45°	551	566	550	320	551	425
55°	389	311	388	239	389	349
65°	242	176	243	142	242	242
75°	118	82	118	74	118	126
85°	27	18	26	20	27	30
90°	0	9	0	9	0	3
95°	20	8	20	8	20	25
105°	105	106	105	106	105	111
115°	197	196	197	196	197	195
125°	280	280	280	280	280	251
135°	350	348	350	348	350	270
145°	406	404	406	404	406	254
155°	446	443	446	443	446	206
165°	471	469	471	469	471	133
175°	482	480	482	480	482	46
180°	482	482	482	482	482	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	926.3	933.9	936.2	942.3	949.1	950.7	954.5	959.8	962.8	962.1	962.1
5°	923.3	936.2	945.3	956.0	968.9	974.2	978.8	990.2	999.3	1004.6	1013.7
7.5°	918.0	937.0	952.2	968.1	987.9	997.0	1006.9	1022.9	1039.6	1050.2	1060.1
10°	909.6	933.9	955.2	978.8	1005.4	1019.1	1031.2	1055.5	1076.0	1089.7	1112.5
12.5°	897.5	927.9	957.5	988.7	1022.1	1036.5	1053.3	1079.8	1108.7	1128.5	1147.5
15°	884.5	921.0	952.9	990.2	1030.5	1052.5	1073.8	1101.9	1127.7	1149.8	1171.8
17.5°	869.4	908.1	947.6	990.2	1035.8	1057.8	1076.0	1109.5	1136.8	1158.9	1178.6
20°	851.1	894.4	939.3	986.4	1032.7	1053.3	1070.7	1107.2	1131.5	1155.1	1183.2
22.5°	831.4	878.5	926.3	972.7	1018.3	1040.3	1060.9	1092.8	1119.4	1151.3	1187.8
25°	808.6	860.2	908.9	955.2	998.5	1019.1	1037.3	1072.2	1109.5	1149.8	1190.8
27.5°	785.8	835.9	883.0	925.6	972.7	991.7	1009.9	1054.0	1098.1	1140.6	1196.9
30°	760.7	811.6	852.6	892.1	937.7	957.5	980.3	1030.5	1080.6	1138.4	1206.8
32.5°	732.6	778.9	816.9	858.0	899.0	923.3	952.2	1006.9	1064.7	1133.8	1221.2
35°	704.4	741.7	776.6	815.4	864.8	890.6	918.7	976.5	1048.7	1131.5	1233.4
37.5°	668.7	704.4	731.8	771.3	822.2	852.6	880.7	947.6	1029.7	1126.2	1232.6
40°	632.3	662.7	688.5	729.5	785.0	813.1	843.5	916.5	1009.9	1111.0	1214.4
42.5°	592.7	618.6	646.7	686.2	740.2	767.5	802.5	887.6	982.6	1089.7	1167.2
45°	550.9	576.0	599.6	640.6	694.6	724.2	762.2	849.6	949.1	1044.9	1091.2
47.5°	509.9	531.9	557.0	592.7	647.5	680.1	718.9	812.4	904.3	984.9	988.7
50°	470.4	487.9	509.1	545.6	602.6	633.8	674.1	761.4	851.1	906.6	869.4
52.5°	429.4	445.3	467.4	499.3	552.5	588.9	623.9	711.3	786.5	823.8	755.4
55°	389.1	402.8	425.6	461.3	507.6	535.7	571.5	652.8	718.9	719.6	645.2
57.5°	349.6	361.7	380.7	412.6	456.0	488.6	521.3	592.0	636.8	623.9	541.1
60°	314.6	322.2	339.7	370.8	411.1	434.7	469.6	528.9	558.5	535.0	446.1
62.5°	278.1	285.7	299.4	324.5	362.5	387.6	409.6	458.2	478.8	443.0	370.1
65°	241.7	250.8	260.7	280.4	316.1	332.8	352.6	388.3	408.1	366.3	303.2
67.5°	209.7	214.3	224.2	244.7	269.8	285.0	298.6	323.0	326.8	293.3	241.7
70°	180.1	181.6	190.7	202.9	221.9	231.0	242.4	256.9	256.9	229.5	188.5
72.5°	146.7	148.9	155.8	168.7	180.1	184.7	188.5	197.6	196.1	171.0	142.9
75°	117.8	119.3	124.6	130.7	135.3	143.6	146.7	145.1	144.4	123.1	107.1
77.5°	91.2	92.0	95.8	101.1	101.8	104.9	102.6	102.6	95.8	83.6	75.2
80°	66.9	67.6	69.2	70.7	70.7	70.7	70.7	66.9	62.3	54.7	52.4
82.5°	44.8	44.8	45.6	47.1	46.4	44.8	43.3	39.5	36.5	34.2	32.7
85°	26.6	26.6	27.4	26.6	23.6	22.8	21.3	20.5	19.8	19.0	19.0
87.5°	12.9	12.2	10.6	9.1	9.1	9.1	9.1	9.1	9.1	8.4	8.4
90°	0.4	1.0	1.6	2.3	2.9	3.2	3.5	4.0	4.6	5.1	5.7
92.5°	6.8	6.1	5.4	4.7	4.0	3.6	3.8	4.3	4.8	5.2	5.7
95°	20.4	20.2	19.9	19.7	19.4	19.3	17.8	14.8	11.7	8.7	5.7
97.5°	38.2	38.7	39.2	39.7	40.2	40.4	36.6	29.1	21.5	14.0	6.4
100°	59.7	59.9	60.1	60.4	60.6	60.7	60.9	61.2	61.5	61.9	62.2
102.5°	81.4	81.7	82.1	82.4	82.7	82.9	83.0	83.1	83.3	83.4	83.6
105°	105.0	105.3	105.7	106.0	106.3	106.5	106.5	106.5	106.5	106.5	106.5
107.5°	129.3	129.3	129.3	129.3	129.3	129.3	129.4	129.5	129.7	129.8	130.0
110°	152.9	152.9	152.9	152.9	152.9	152.9	153.0	153.1	153.3	153.4	153.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	175.0	175.2	175.5	175.7	176.0	176.1	176.1	176.2	176.3	176.4	176.5
115°	197.2	197.6	198.0	198.4	198.8	199.0	199.0	199.1	199.2	199.2	199.3
117.5°	220.4	220.4	220.4	220.4	220.4	220.4	220.6	220.9	221.2	221.5	221.8
120°	241.8	241.7	241.7	241.6	241.5	241.5	241.6	241.9	242.1	242.4	242.6
122.5°	260.8	261.2	261.6	262.0	262.4	262.6	262.6	262.7	262.8	262.8	262.9
125°	280.4	281.0	281.5	282.1	282.6	282.9	282.9	282.9	282.9	282.9	282.9
127.5°	299.4	299.8	300.2	300.5	300.9	301.1	301.1	301.0	300.9	300.9	300.8
130°	316.5	316.9	317.3	317.7	318.1	318.3	318.3	318.4	318.5	318.5	318.6
132.5°	333.6	334.1	334.6	335.1	335.6	335.8	335.7	335.4	335.2	334.9	334.7
135°	349.7	350.2	350.7	351.2	351.7	351.9	351.8	351.7	351.5	351.4	351.2
137.5°	364.7	365.2	365.7	366.2	366.7	366.9	366.8	366.7	366.5	366.4	366.2
140°	379.4	379.6	379.7	379.9	380.0	380.1	380.1	380.0	379.9	379.8	379.7
142.5°	392.6	392.7	392.7	392.8	392.9	392.9	393.0	393.2	393.3	393.5	393.7
145°	405.5	405.7	405.8	406.0	406.1	406.2	406.2	406.2	406.2	406.2	406.2
147.5°	416.9	416.9	416.9	416.9	416.9	416.9	416.9	417.0	417.1	417.1	417.2
150°	427.6	427.4	427.3	427.1	427.0	426.9	427.0	427.1	427.3	427.4	427.6
152.5°	438.0	437.6	437.2	436.8	436.4	436.2	436.3	436.4	436.6	436.7	436.9
155°	446.5	446.0	445.6	445.1	444.6	444.4	444.5	444.6	444.8	444.9	445.1
157.5°	453.3	453.1	452.8	452.6	452.3	452.2	452.2	452.2	452.2	452.2	452.2
160°	460.5	460.0	459.5	459.0	458.5	458.3	458.3	458.4	458.5	458.6	458.7
162.5°	466.2	465.7	465.2	464.7	464.2	464.0	464.0	464.1	464.2	464.3	464.4
165°	471.2	470.7	470.2	469.7	469.2	469.0	469.0	469.1	469.2	469.3	469.4
167.5°	475.1	474.6	474.2	473.7	473.2	473.0	473.0	473.1	473.2	473.2	473.3
170°	478.3	477.7	477.2	476.6	476.1	475.8	475.8	475.9	476.0	476.1	476.2
172.5°	480.5	479.9	479.4	478.8	478.3	478.0	478.1	478.2	478.4	478.5	478.7
175°	481.9	481.4	481.0	480.5	480.0	479.8	479.8	479.9	480.0	480.0	480.1
177.5°	483.0	482.5	482.0	481.5	481.0	480.8	480.8	480.9	481.0	481.1	481.2
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	965.9	971.2	975.7	973.5	982.6	981.8	983.3	986.4	987.1	985.6	982.6
5°	1018.3	1025.9	1038.8	1045.7	1044.1	1050.2	1053.3	1057.8	1062.4	1060.9	1060.9
7.5°	1076.8	1087.4	1100.4	1117.8	1120.1	1125.4	1134.6	1134.6	1139.9	1137.6	1136.8
10°	1127.7	1140.6	1161.2	1174.8	1180.9	1184.0	1193.1	1196.1	1202.2	1203.0	1203.0
12.5°	1169.5	1192.3	1206.0	1219.7	1222.7	1227.3	1234.1	1238.7	1241.0	1241.0	1238.7
15°	1191.6	1209.8	1225.8	1240.2	1248.6	1252.4	1259.2	1264.5	1267.5	1274.4	1275.9
17.5°	1200.7	1222.7	1248.6	1269.1	1283.5	1287.3	1301.0	1305.5	1311.6	1314.7	1318.5
20°	1213.6	1245.5	1276.7	1301.7	1315.4	1325.3	1339.7	1361.0	1367.1	1367.1	1364.8
22.5°	1225.0	1266.0	1308.6	1348.9	1360.3	1380.0	1406.6	1429.4	1438.5	1442.3	1439.3
25°	1238.7	1294.9	1350.4	1400.5	1431.7	1446.1	1481.8	1509.2	1519.8	1525.9	1527.4
27.5°	1262.2	1332.9	1403.6	1467.4	1499.3	1516.0	1553.3	1576.8	1589.8	1595.1	1591.3
30°	1288.8	1375.5	1457.5	1514.5	1535.8	1556.3	1580.6	1589.8	1586.7	1586.7	1598.1
32.5°	1316.2	1405.9	1478.8	1516.0	1523.6	1520.6	1510.7	1483.4	1467.4	1467.4	1477.3
35°	1331.4	1408.9	1446.1	1434.0	1404.3	1386.9	1332.9	1302.5	1268.3	1266.0	1277.4
37.5°	1323.0	1356.5	1341.3	1261.5	1221.2	1187.8	1103.4	1070.0	1044.9	1009.9	1063.9
40°	1264.5	1253.1	1174.1	1059.3	1014.5	967.4	900.5	867.1	832.1	826.8	839.7
42.5°	1165.7	1098.1	982.6	871.6	826.0	792.6	741.7	709.0	687.0	677.9	693.0
45°	1042.6	936.2	820.7	732.6	682.4	664.9	618.6	589.7	573.0	566.1	576.8
47.5°	892.1	785.0	675.6	601.1	571.5	554.0	522.8	497.7	483.3	478.8	483.3
50°	757.6	647.5	555.5	507.6	481.0	466.6	440.8	424.8	413.4	410.4	418.0
52.5°	641.4	541.1	471.2	428.6	411.1	399.0	380.7	367.0	360.2	357.2	362.5
55°	537.3	456.0	399.7	363.2	350.3	342.7	326.8	319.2	311.6	310.8	316.1
57.5°	445.3	389.1	337.4	311.6	307.8	296.4	282.7	275.9	272.1	271.3	273.6
60°	370.8	320.7	289.5	266.7	261.4	252.3	244.7	240.1	235.6	234.1	235.6
62.5°	308.5	269.0	243.9	228.7	221.1	218.9	210.5	205.2	204.4	204.4	205.9
65°	254.6	221.1	205.2	193.0	187.7	185.4	179.3	175.5	176.3	176.3	177.1
67.5°	207.5	183.1	168.7	162.6	158.1	157.3	151.2	149.7	148.2	148.2	149.7
70°	164.9	149.7	139.1	136.0	135.3	129.9	127.7	126.9	124.6	125.4	125.4
72.5°	129.2	119.3	113.2	108.7	109.4	106.4	103.3	103.3	101.8	104.1	104.1
75°	95.8	91.2	86.6	85.1	86.6	85.1	82.8	82.1	82.8	82.1	82.1
77.5°	70.7	68.4	66.9	66.1	66.1	63.1	61.6	63.1	60.0	61.6	61.6
80°	49.4	46.4	45.6	44.1	44.8	42.6	43.3	41.8	41.8	41.8	41.8
82.5°	31.2	30.4	30.4	30.4	29.6	29.6	29.6	29.6	29.6	29.6	28.9
85°	19.0	18.2	18.2	18.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5
87.5°	7.6	8.4	8.4	9.1	8.4	7.6	7.6	7.6	8.4	8.4	7.6
90°	6.1	6.5	6.9	7.3	7.5	7.6	7.9	8.1	8.4	8.6	8.4
92.5°	6.1	6.5	6.9	7.3	7.5	7.5	7.6	7.7	7.8	7.9	7.8
95°	6.1	6.5	6.9	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	6.6	6.7	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.5	7.4
100°	50.4	38.5	26.7	14.8	8.9	8.7	8.4	8.1	7.8	7.5	7.8
102.5°	83.8	83.9	84.1	84.2	84.3	81.0	74.3	67.6	61.0	54.3	61.0
105°	106.5	106.5	106.5	106.5	106.5	106.5	106.4	106.3	106.2	106.1	106.2
107.5°	130.1	130.2	130.3	130.4	130.4	130.2	129.9	129.6	129.3	129.0	129.3
110°	153.4	153.1	152.9	152.6	152.5	152.5	152.6	152.7	152.8	152.9	152.8

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	176.2	175.8	175.5	175.2	175.0	174.9	174.8	174.6	174.5	174.3	174.5
115°	199.0	198.7	198.4	198.1	197.9	197.7	197.2	196.7	196.3	195.8	196.3
117.5°	221.3	220.9	220.4	219.9	219.7	219.6	219.5	219.3	219.2	219.0	219.2
120°	242.4	242.2	242.1	241.9	241.8	241.6	241.2	240.9	240.5	240.1	240.5
122.5°	262.7	262.6	262.4	262.3	262.2	262.0	261.5	261.0	260.6	260.1	260.6
125°	282.6	282.3	282.0	281.7	281.5	281.4	281.1	280.9	280.6	280.4	280.6
127.5°	300.6	300.5	300.3	300.2	300.1	299.8	299.1	298.5	297.8	297.2	297.8
130°	318.4	318.2	317.9	317.7	317.6	317.4	317.0	316.6	316.2	315.8	316.2
132.5°	334.7	334.7	334.7	334.7	334.7	334.5	334.1	333.7	333.3	332.9	333.3
135°	351.0	350.8	350.7	350.5	350.4	350.2	349.7	349.2	348.8	348.3	348.8
137.5°	366.2	366.2	366.2	366.2	366.2	366.0	365.6	365.2	364.8	364.4	364.8
140°	379.9	380.0	380.2	380.3	380.4	380.2	379.7	379.2	378.8	378.3	378.8
142.5°	393.7	393.7	393.7	393.7	393.7	393.5	393.0	392.5	392.0	391.5	392.0
145°	406.3	406.3	406.4	406.5	406.5	406.3	405.8	405.3	404.9	404.4	404.9
147.5°	417.3	417.4	417.5	417.6	417.6	417.3	416.8	416.2	415.7	415.1	415.7
150°	427.8	427.9	428.1	428.2	428.3	428.0	427.4	426.7	426.1	425.5	426.1
152.5°	437.1	437.2	437.4	437.5	437.6	437.3	436.8	436.2	435.7	435.1	435.7
155°	445.3	445.6	445.8	446.1	446.2	445.9	445.2	444.6	443.9	443.3	443.9
157.5°	452.4	452.7	452.9	453.2	453.3	453.0	452.4	451.7	451.1	450.5	451.1
160°	459.0	459.3	459.6	459.9	460.1	459.8	459.1	458.5	457.8	457.2	457.8
162.5°	464.9	465.3	465.8	466.3	466.5	466.1	465.4	464.7	464.0	463.3	464.0
165°	469.9	470.3	470.8	471.3	471.5	471.2	470.6	469.9	469.3	468.7	469.3
167.5°	473.9	474.4	475.0	475.5	475.8	475.4	474.7	474.0	473.3	472.6	473.3
170°	476.8	477.4	478.1	478.7	479.0	478.6	477.9	477.2	476.5	475.8	476.5
172.5°	479.3	479.8	480.4	480.9	481.2	480.8	480.1	479.4	478.7	478.0	478.7
175°	480.7	481.4	482.0	482.7	483.0	482.6	481.9	481.2	480.5	479.8	480.5
177.5°	481.8	482.3	482.9	483.4	483.7	483.4	482.7	482.1	481.4	480.8	481.4
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	986.4	981.1	983.3	981.1	978.8	976.5	971.2	963.6	957.5	952.9	952.2
5°	1062.4	1055.5	1051.0	1048.7	1044.1	1038.1	1028.2	1016.8	1003.1	997.8	987.1
7.5°	1132.3	1130.0	1119.4	1117.8	1114.8	1103.4	1086.7	1071.5	1054.0	1039.6	1025.9
10°	1198.4	1193.1	1185.5	1174.8	1173.3	1158.9	1142.9	1121.6	1098.8	1085.2	1060.9
12.5°	1239.4	1233.4	1225.0	1218.2	1214.4	1205.2	1183.2	1161.9	1141.4	1116.3	1095.0
15°	1269.1	1261.5	1246.3	1241.0	1236.4	1224.2	1208.3	1186.2	1158.9	1141.4	1111.0
17.5°	1309.3	1300.2	1285.0	1275.1	1266.8	1247.8	1225.0	1195.4	1169.5	1149.8	1122.4
20°	1355.7	1342.0	1322.3	1309.3	1297.2	1275.1	1243.2	1208.3	1171.0	1146.7	1118.6
22.5°	1432.5	1406.6	1375.5	1357.2	1340.5	1302.5	1264.5	1221.2	1179.4	1142.9	1108.7
25°	1506.9	1481.1	1442.3	1417.3	1391.4	1347.3	1297.2	1237.2	1184.0	1141.4	1096.6
27.5°	1576.1	1549.5	1513.8	1483.4	1458.3	1392.2	1326.1	1258.4	1190.8	1132.3	1086.7
30°	1592.0	1580.6	1553.3	1526.7	1503.9	1443.1	1366.3	1280.5	1199.2	1123.9	1073.0
32.5°	1495.5	1523.6	1530.5	1526.7	1512.2	1468.9	1398.3	1307.8	1211.3	1120.1	1050.2
35°	1294.9	1345.8	1398.3	1426.4	1440.1	1446.1	1404.3	1321.5	1219.7	1114.0	1035.0
37.5°	1073.8	1123.2	1206.0	1247.8	1294.1	1354.9	1371.7	1318.5	1215.9	1109.5	1010.7
40°	882.3	945.3	1013.7	1051.7	1092.0	1201.4	1284.3	1278.2	1203.7	1092.8	991.7
42.5°	718.1	757.6	817.7	859.5	908.9	1031.2	1142.2	1196.9	1167.2	1072.2	967.4
45°	598.8	629.2	671.8	714.3	744.7	855.7	987.1	1076.8	1104.9	1035.8	930.1
47.5°	504.6	527.4	564.6	591.2	623.9	711.3	825.3	951.4	1010.7	984.1	890.6
50°	432.4	450.6	480.3	497.0	525.9	601.1	687.7	820.0	909.6	912.7	838.2
52.5°	369.3	387.6	412.6	427.1	444.6	495.5	582.9	694.6	797.9	835.9	778.2
55°	321.4	332.1	352.6	364.0	380.0	429.4	484.8	579.8	687.7	750.0	713.6
57.5°	277.4	288.8	301.7	310.8	322.2	361.7	411.9	483.3	590.5	658.1	645.9
60°	241.7	248.5	260.7	267.5	278.1	304.0	338.9	410.4	495.5	559.3	566.1
62.5°	208.2	214.3	222.7	228.7	235.6	256.1	281.9	332.8	407.3	476.5	485.6
65°	179.3	184.7	189.2	194.5	199.9	212.8	234.8	274.3	332.1	396.7	416.4
67.5°	153.5	155.0	161.9	162.6	165.7	175.5	191.5	223.4	265.2	316.9	342.7
70°	128.4	131.5	133.0	135.3	138.3	145.1	158.1	174.8	205.9	247.7	272.1
72.5°	104.1	104.9	107.1	108.7	111.7	117.0	123.1	136.0	155.8	186.2	208.2
75°	82.8	83.6	85.1	85.9	88.2	89.7	92.7	101.8	115.5	133.7	149.7
77.5°	62.3	63.8	65.4	65.4	66.1	67.6	69.2	72.2	79.0	91.2	104.9
80°	42.6	43.3	43.3	44.1	43.3	45.6	47.9	51.7	54.7	58.5	65.4
82.5°	29.6	29.6	29.6	30.4	30.4	31.2	31.2	31.9	32.7	35.0	38.0
85°	18.2	18.2	19.0	17.5	18.2	19.0	19.0	18.2	19.0	19.8	20.5
87.5°	7.6	7.6	8.4	8.4	8.4	8.4	7.6	8.4	7.6	8.4	8.4
90°	8.1	7.9	7.6	7.5	7.3	6.9	6.5	6.1	5.7	5.1	4.6
92.5°	7.7	7.6	7.5	7.5	7.3	6.9	6.5	6.1	5.7	5.2	4.8
95°	7.5	7.5	7.5	7.5	7.3	6.9	6.5	6.1	5.7	8.7	11.7
97.5°	7.3	7.2	7.1	7.1	7.0	6.9	6.7	6.6	6.4	14.0	21.5
100°	8.1	8.4	8.7	8.9	14.8	26.7	38.5	50.4	62.2	61.9	61.5
102.5°	67.6	74.3	81.0	84.3	84.2	84.1	83.9	83.8	83.6	83.4	83.3
105°	106.3	106.4	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
107.5°	129.6	129.9	130.2	130.4	130.4	130.3	130.2	130.1	130.0	129.8	129.7
110°	152.7	152.6	152.5	152.5	152.6	152.9	153.1	153.4	153.6	153.4	153.3

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	174.6	174.8	174.9	175.0	175.2	175.5	175.8	176.2	176.5	176.4	176.3
115°	196.7	197.2	197.7	197.9	198.1	198.4	198.7	199.0	199.3	199.2	199.2
117.5°	219.3	219.5	219.6	219.7	219.9	220.4	220.9	221.3	221.8	221.5	221.2
120°	240.9	241.2	241.6	241.8	241.9	242.1	242.2	242.4	242.6	242.4	242.1
122.5°	261.0	261.5	262.0	262.2	262.3	262.4	262.6	262.7	262.9	262.8	262.8
125°	280.9	281.1	281.4	281.5	281.7	282.0	282.3	282.6	282.9	282.9	282.9
127.5°	298.5	299.1	299.8	300.1	300.2	300.3	300.5	300.6	300.8	300.9	300.9
130°	316.6	317.0	317.4	317.6	317.7	317.9	318.2	318.4	318.6	318.5	318.5
132.5°	333.7	334.1	334.5	334.7	334.7	334.7	334.7	334.7	334.7	334.9	335.2
135°	349.2	349.7	350.2	350.4	350.5	350.7	350.8	351.0	351.2	351.4	351.5
137.5°	365.2	365.6	366.0	366.2	366.2	366.2	366.2	366.2	366.2	366.4	366.5
140°	379.2	379.7	380.2	380.4	380.3	380.2	380.0	379.9	379.7	379.8	379.9
142.5°	392.5	393.0	393.5	393.7	393.7	393.7	393.7	393.7	393.7	393.5	393.3
145°	405.3	405.8	406.3	406.5	406.5	406.4	406.3	406.3	406.2	406.2	406.2
147.5°	416.2	416.8	417.3	417.6	417.6	417.5	417.4	417.3	417.2	417.1	417.1
150°	426.7	427.4	428.0	428.3	428.2	428.1	427.9	427.8	427.6	427.4	427.3
152.5°	436.2	436.8	437.3	437.6	437.5	437.4	437.2	437.1	436.9	436.7	436.6
155°	444.6	445.2	445.9	446.2	446.1	445.8	445.6	445.3	445.1	444.9	444.8
157.5°	451.7	452.4	453.0	453.3	453.2	452.9	452.7	452.4	452.2	452.2	452.2
160°	458.5	459.1	459.8	460.1	459.9	459.6	459.3	459.0	458.7	458.6	458.5
162.5°	464.7	465.4	466.1	466.5	466.3	465.8	465.3	464.9	464.4	464.3	464.2
165°	469.9	470.6	471.2	471.5	471.3	470.8	470.3	469.9	469.4	469.3	469.2
167.5°	474.0	474.7	475.4	475.8	475.5	475.0	474.4	473.9	473.3	473.2	473.2
170°	477.2	477.9	478.6	479.0	478.7	478.1	477.4	476.8	476.2	476.1	476.0
172.5°	479.4	480.1	480.8	481.2	480.9	480.4	479.8	479.3	478.7	478.5	478.4
175°	481.2	481.9	482.6	483.0	482.7	482.0	481.4	480.7	480.1	480.0	480.0
177.5°	482.1	482.7	483.4	483.7	483.4	482.9	482.3	481.8	481.2	481.1	481.0
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	949.9	945.3	942.3	941.5	937.0	933.2	928.6	927.9	925.6	919.5	915.7
5°	979.5	968.9	966.6	959.8	948.4	940.0	929.4	923.3	916.5	905.1	895.9
7.5°	1009.9	995.5	984.9	975.0	959.0	943.8	928.6	916.5	904.3	887.6	873.9
10°	1039.6	1017.5	1004.6	990.2	968.1	945.3	924.1	906.6	886.8	867.1	847.3
12.5°	1066.9	1038.8	1019.8	999.3	971.9	943.8	916.5	892.1	871.6	845.0	823.0
15°	1083.6	1052.5	1033.5	1013.7	972.7	941.5	909.6	878.5	851.1	823.0	802.5
17.5°	1093.5	1058.6	1037.3	1019.1	977.3	934.7	893.7	860.2	830.6	797.2	769.8
20°	1089.0	1054.8	1035.0	1017.5	968.9	926.3	882.3	843.5	806.3	772.1	743.2
22.5°	1079.1	1043.4	1021.3	1005.4	962.1	911.9	863.3	821.5	782.7	748.5	715.8
25°	1057.8	1022.9	1003.9	984.1	941.5	893.7	844.3	799.4	758.4	721.9	685.4
27.5°	1038.8	996.3	976.5	959.0	914.2	871.6	823.0	773.6	731.8	693.8	657.3
30°	1016.8	968.9	947.6	924.1	883.8	843.5	794.9	749.3	706.0	665.7	630.7
32.5°	993.2	937.7	913.4	886.8	845.8	807.8	766.8	721.9	678.6	639.1	602.6
35°	962.8	903.5	875.4	850.4	807.8	769.8	731.8	694.6	651.3	609.5	574.5
37.5°	933.9	868.6	839.0	810.1	765.2	728.8	697.6	662.7	620.9	580.6	547.1
40°	901.3	826.0	795.6	769.0	722.7	682.4	654.3	626.9	590.5	551.7	515.2
42.5°	871.6	786.5	754.6	727.2	678.6	640.6	614.0	591.2	559.3	523.6	486.4
45°	830.6	744.0	711.3	682.4	633.0	597.3	569.9	550.2	525.1	491.7	458.2
47.5°	792.6	702.9	667.2	632.3	587.4	550.9	525.9	510.7	493.9	464.3	430.1
50°	746.2	655.8	619.3	590.5	539.5	508.4	483.3	472.7	457.5	429.4	402.0
52.5°	696.1	610.2	576.0	541.1	493.9	463.6	441.5	429.4	417.2	396.7	370.8
55°	637.6	559.3	527.4	496.2	449.1	421.0	401.2	388.3	381.5	362.5	343.5
57.5°	581.3	507.6	478.0	449.1	408.1	376.2	363.2	351.8	342.0	328.3	312.3
60°	524.3	457.5	425.6	399.7	364.0	335.1	324.5	313.1	305.5	294.8	283.5
62.5°	459.0	402.0	377.7	353.4	323.0	300.2	288.0	278.9	269.0	262.2	252.3
65°	389.8	349.6	326.0	307.8	278.9	258.4	249.3	243.2	234.8	228.0	220.4
67.5°	325.2	293.3	283.5	263.7	241.7	223.4	216.6	209.0	202.1	198.3	191.5
70°	262.9	240.1	230.3	224.9	200.6	188.5	182.4	179.3	171.0	167.2	162.6
72.5°	203.7	195.3	188.5	181.6	165.7	158.1	151.2	148.2	142.1	139.1	137.5
75°	150.5	145.1	141.3	140.6	133.7	126.1	119.3	117.8	113.2	110.2	108.7
77.5°	105.6	104.1	103.3	104.1	99.5	95.0	93.5	92.0	86.6	85.9	85.9
80°	69.2	73.0	73.0	72.2	70.7	69.9	67.6	66.1	63.1	62.3	63.1
82.5°	42.6	44.8	45.6	47.1	46.4	45.6	44.1	43.3	44.1	42.6	43.3
85°	21.3	22.8	25.8	25.8	26.6	26.6	26.6	25.8	24.3	25.1	24.3
87.5°	8.4	9.1	9.1	9.1	8.4	10.6	11.4	11.4	11.4	9.9	9.9
90°	4.0	3.5	3.2	2.9	2.3	1.6	1.0	0.4	1.0	1.6	2.3
92.5°	4.3	3.8	3.6	4.0	4.7	5.4	6.1	6.8	6.1	5.4	4.7
95°	14.8	17.8	19.3	19.4	19.7	19.9	20.2	20.4	20.2	19.9	19.7
97.5°	29.1	36.6	40.4	40.2	39.7	39.2	38.7	38.2	38.7	39.2	39.7
100°	61.2	60.9	60.7	60.6	60.4	60.1	59.9	59.7	59.9	60.1	60.4
102.5°	83.1	83.0	82.9	82.7	82.4	82.1	81.7	81.4	81.7	82.1	82.4
105°	106.5	106.5	106.5	106.3	106.0	105.7	105.3	105.0	105.3	105.7	106.0
107.5°	129.5	129.4	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3	129.3
110°	153.1	153.0	152.9	152.9	152.9	152.9	152.9	152.9	152.9	152.9	152.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	176.2	176.1	176.1	176.0	175.7	175.5	175.2	175.0	175.2	175.5	175.7
115°	199.1	199.0	199.0	198.8	198.4	198.0	197.6	197.2	197.6	198.0	198.4
117.5°	220.9	220.6	220.4	220.4	220.4	220.4	220.4	220.4	220.4	220.4	220.4
120°	241.9	241.6	241.5	241.5	241.6	241.7	241.7	241.8	241.7	241.7	241.6
122.5°	262.7	262.6	262.6	262.4	262.0	261.6	261.2	260.8	261.2	261.6	262.0
125°	282.9	282.9	282.9	282.6	282.1	281.5	281.0	280.4	281.0	281.5	282.1
127.5°	301.0	301.1	301.1	300.9	300.5	300.2	299.8	299.4	299.8	300.2	300.5
130°	318.4	318.3	318.3	318.1	317.7	317.3	316.9	316.5	316.9	317.3	317.7
132.5°	335.4	335.7	335.8	335.6	335.1	334.6	334.1	333.6	334.1	334.6	335.1
135°	351.7	351.8	351.9	351.7	351.2	350.7	350.2	349.7	350.2	350.7	351.2
137.5°	366.7	366.8	366.9	366.7	366.2	365.7	365.2	364.7	365.2	365.7	366.2
140°	380.0	380.1	380.1	380.0	379.9	379.7	379.6	379.4	379.6	379.7	379.9
142.5°	393.2	393.0	392.9	392.9	392.8	392.7	392.7	392.6	392.7	392.7	392.8
145°	406.2	406.2	406.2	406.1	406.0	405.8	405.7	405.5	405.7	405.8	406.0
147.5°	417.0	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9	416.9
150°	427.1	427.0	426.9	427.0	427.1	427.3	427.4	427.6	427.4	427.3	427.1
152.5°	436.4	436.3	436.2	436.4	436.8	437.2	437.6	438.0	437.6	437.2	436.8
155°	444.6	444.5	444.4	444.6	445.1	445.6	446.0	446.5	446.0	445.6	445.1
157.5°	452.2	452.2	452.2	452.3	452.6	452.8	453.1	453.3	453.1	452.8	452.6
160°	458.4	458.3	458.3	458.5	459.0	459.5	460.0	460.5	460.0	459.5	459.0
162.5°	464.1	464.0	464.0	464.2	464.7	465.2	465.7	466.2	465.7	465.2	464.7
165°	469.1	469.0	469.0	469.2	469.7	470.2	470.7	471.2	470.7	470.2	469.7
167.5°	473.1	473.0	473.0	473.2	473.7	474.2	474.6	475.1	474.6	474.2	473.7
170°	475.9	475.8	475.8	476.1	476.6	477.2	477.7	478.3	477.7	477.2	476.6
172.5°	478.2	478.1	478.0	478.3	478.8	479.4	479.9	480.5	479.9	479.4	478.8
175°	479.9	479.8	479.8	480.0	480.5	481.0	481.4	481.9	481.4	481.0	480.5
177.5°	480.9	480.8	480.8	481.0	481.5	482.0	482.5	483.0	482.5	482.0	481.5
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	913.4	910.4	908.1	905.8	895.9	885.3	883.8	881.5	876.9	882.3	880.0
5°	889.9	883.0	879.2	869.4	857.2	848.1	840.5	831.4	827.6	824.5	823.8
7.5°	861.0	854.9	848.1	838.2	823.0	807.8	796.4	787.3	779.7	775.9	775.9
10°	832.9	825.3	816.2	799.4	785.0	766.0	753.8	744.7	734.1	728.0	722.7
12.5°	804.0	795.6	787.3	766.0	749.3	729.5	712.0	700.6	695.3	688.5	679.4
15°	775.1	762.2	753.8	732.6	711.3	691.5	680.1	668.0	655.8	649.0	645.9
17.5°	744.7	735.6	721.9	699.1	675.6	658.1	641.4	630.0	615.5	608.7	601.9
20°	717.4	703.7	690.0	667.2	644.4	620.9	604.1	590.5	581.3	576.0	569.9
22.5°	684.7	671.8	660.4	636.1	611.0	588.9	570.7	562.3	553.2	544.9	538.8
25°	656.6	643.7	632.3	605.7	578.3	557.8	544.1	533.5	523.6	519.8	513.7
27.5°	626.9	614.8	599.6	573.0	548.7	531.2	516.7	506.9	499.3	491.7	487.1
30°	598.8	585.1	571.5	542.6	522.8	505.3	491.7	479.5	473.4	469.6	462.0
32.5°	571.5	554.0	542.6	516.0	497.0	480.3	468.9	458.2	450.6	443.8	437.7
35°	541.8	522.8	511.4	489.4	469.6	452.9	443.0	435.4	426.3	420.2	417.2
37.5°	513.7	497.7	486.4	463.6	443.8	430.1	419.5	409.6	405.8	397.4	395.9
40°	483.3	469.6	459.0	437.0	418.7	408.1	396.7	387.6	380.7	376.9	371.6
42.5°	456.0	444.6	433.2	412.6	395.2	382.2	373.9	365.5	359.4	353.4	349.6
45°	430.9	418.7	408.1	388.3	370.8	359.4	351.1	341.2	339.7	331.3	327.5
47.5°	404.3	393.6	384.5	364.0	348.0	336.6	326.8	319.9	313.1	310.0	304.7
50°	378.4	367.8	357.2	338.9	324.5	313.1	303.2	295.6	291.8	287.3	282.7
52.5°	350.3	342.0	333.6	314.6	300.2	290.3	281.9	272.1	268.3	264.5	261.4
55°	326.8	314.6	305.5	289.5	276.6	266.0	256.9	249.3	245.5	242.4	238.6
57.5°	294.8	287.3	279.7	265.2	253.1	242.4	233.3	227.2	222.7	220.4	221.1
60°	267.5	259.1	254.6	239.4	227.2	218.9	210.5	204.4	199.9	197.6	196.8
62.5°	238.6	232.5	224.2	213.5	201.4	193.8	187.7	183.1	175.5	174.8	172.5
65°	210.5	205.9	198.3	188.5	178.6	171.7	164.9	158.8	155.8	152.0	149.7
67.5°	183.1	178.6	171.7	163.4	156.5	149.7	143.6	137.5	132.2	129.2	127.7
70°	156.5	152.7	148.2	138.3	129.9	124.6	120.1	116.3	110.9	109.4	108.7
72.5°	130.7	126.9	124.6	116.3	108.7	104.1	99.5	95.8	93.5	92.7	90.4
75°	107.1	103.3	100.3	92.7	88.2	85.1	80.6	79.0	76.8	76.0	75.2
77.5°	83.6	79.8	79.0	73.7	68.4	66.9	65.4	62.3	62.3	62.3	60.8
80°	60.0	59.3	58.5	53.2	50.9	49.4	48.6	46.4	44.8	43.3	42.6
82.5°	40.3	39.5	38.8	36.5	34.2	33.4	32.7	31.2	31.2	31.9	30.4
85°	24.3	22.8	22.0	21.3	19.8	19.8	20.5	19.8	19.8	19.8	19.0
87.5°	9.1	9.1	9.1	9.1	9.9	8.4	9.1	9.1	8.4	8.4	7.6
90°	2.9	3.2	3.5	4.0	4.6	5.1	5.7	6.1	6.5	6.9	7.3
92.5°	4.0	3.6	3.8	4.3	4.8	5.2	5.7	6.1	6.5	6.9	7.3
95°	19.4	19.3	17.8	14.8	11.7	8.7	5.7	6.1	6.5	6.9	7.3
97.5°	40.2	40.4	36.6	29.1	21.5	14.0	6.4	6.6	6.7	6.9	7.0
100°	60.6	60.7	60.9	61.2	61.5	61.9	62.2	50.4	38.5	26.7	14.8
102.5°	82.7	82.9	83.0	83.1	83.3	83.4	83.6	83.8	83.9	84.1	84.2
105°	106.3	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
107.5°	129.3	129.3	129.4	129.5	129.7	129.8	130.0	130.1	130.2	130.3	130.4
110°	152.9	152.9	153.0	153.1	153.3	153.4	153.6	153.4	153.1	152.9	152.6

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	176.0	176.1	176.1	176.2	176.3	176.4	176.5	176.2	175.8	175.5	175.2
115°	198.8	199.0	199.0	199.1	199.2	199.2	199.3	199.0	198.7	198.4	198.1
117.5°	220.4	220.4	220.6	220.9	221.2	221.5	221.8	221.3	220.9	220.4	219.9
120°	241.5	241.5	241.6	241.9	242.1	242.4	242.6	242.4	242.2	242.1	241.9
122.5°	262.4	262.6	262.6	262.7	262.8	262.8	262.9	262.7	262.6	262.4	262.3
125°	282.6	282.9	282.9	282.9	282.9	282.9	282.9	282.6	282.3	282.0	281.7
127.5°	300.9	301.1	301.1	301.0	300.9	300.9	300.8	300.6	300.5	300.3	300.2
130°	318.1	318.3	318.3	318.4	318.5	318.5	318.6	318.4	318.2	317.9	317.7
132.5°	335.6	335.8	335.7	335.4	335.2	334.9	334.7	334.7	334.7	334.7	334.7
135°	351.7	351.9	351.8	351.7	351.5	351.4	351.2	351.0	350.8	350.7	350.5
137.5°	366.7	366.9	366.8	366.7	366.5	366.4	366.2	366.2	366.2	366.2	366.2
140°	380.0	380.1	380.1	380.0	379.9	379.8	379.7	379.9	380.0	380.2	380.3
142.5°	392.9	392.9	393.0	393.2	393.3	393.5	393.7	393.7	393.7	393.7	393.7
145°	406.1	406.2	406.2	406.2	406.2	406.2	406.2	406.3	406.3	406.4	406.5
147.5°	416.9	416.9	416.9	417.0	417.1	417.1	417.2	417.3	417.4	417.5	417.6
150°	427.0	426.9	427.0	427.1	427.3	427.4	427.6	427.8	427.9	428.1	428.2
152.5°	436.4	436.2	436.3	436.4	436.6	436.7	436.9	437.1	437.2	437.4	437.5
155°	444.6	444.4	444.5	444.6	444.8	444.9	445.1	445.3	445.6	445.8	446.1
157.5°	452.3	452.2	452.2	452.2	452.2	452.2	452.2	452.4	452.7	452.9	453.2
160°	458.5	458.3	458.3	458.4	458.5	458.6	458.7	459.0	459.3	459.6	459.9
162.5°	464.2	464.0	464.0	464.1	464.2	464.3	464.4	464.9	465.3	465.8	466.3
165°	469.2	469.0	469.0	469.1	469.2	469.3	469.4	469.9	470.3	470.8	471.3
167.5°	473.2	473.0	473.0	473.1	473.2	473.2	473.3	473.9	474.4	475.0	475.5
170°	476.1	475.8	475.8	475.9	476.0	476.1	476.2	476.8	477.4	478.1	478.7
172.5°	478.3	478.0	478.1	478.2	478.4	478.5	478.7	479.3	479.8	480.4	480.9
175°	480.0	479.8	479.8	479.9	480.0	480.0	480.1	480.7	481.4	482.0	482.7
177.5°	481.0	480.8	480.8	480.9	481.0	481.1	481.2	481.8	482.3	482.9	483.4
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	876.2	877.7	873.9	872.4	869.4	873.2	873.9	873.2	880.0	876.9	878.5
5°	825.3	822.2	820.0	814.6	814.6	815.4	817.7	813.9	816.2	821.5	820.7
7.5°	769.0	767.5	768.3	762.2	757.6	759.2	757.6	764.5	768.3	766.8	769.8
10°	718.1	721.2	714.3	711.3	708.2	711.3	710.5	712.0	716.6	719.6	725.0
12.5°	677.1	676.3	672.5	669.5	664.2	665.7	670.3	668.7	669.5	676.3	675.6
15°	638.3	633.8	630.7	623.9	625.4	620.1	624.7	630.0	632.3	638.3	642.1
17.5°	599.6	598.8	595.0	594.3	585.9	583.6	588.2	589.7	592.0	595.0	600.3
20°	566.9	566.1	560.8	559.3	552.5	557.0	555.5	558.5	560.1	566.1	568.4
22.5°	537.3	533.5	531.9	529.7	527.4	526.6	529.7	528.9	534.2	536.5	537.3
25°	509.9	506.9	506.1	502.3	500.8	498.5	500.8	503.1	509.1	511.4	514.5
27.5°	484.8	482.6	481.0	478.0	475.7	475.7	477.2	480.3	482.6	484.1	485.6
30°	462.0	460.5	456.0	454.4	452.2	452.2	452.2	453.7	457.5	462.0	464.3
32.5°	438.5	435.4	432.4	432.4	430.1	430.1	430.9	432.4	436.2	437.0	440.8
35°	415.7	412.6	410.4	408.8	409.6	406.6	408.1	410.4	414.9	416.4	418.7
37.5°	393.6	392.9	388.3	386.0	387.6	387.6	386.8	388.3	391.4	394.4	395.9
40°	369.3	367.8	367.8	365.5	366.3	363.2	365.5	367.0	368.6	371.6	373.9
42.5°	348.0	346.5	343.5	344.2	342.0	342.0	343.5	344.2	346.5	350.3	351.8
45°	325.2	325.2	323.7	321.4	322.2	319.9	321.4	322.2	325.2	329.0	327.5
47.5°	303.2	302.4	302.4	299.4	300.9	298.6	300.9	301.7	303.2	305.5	304.7
50°	281.9	279.7	280.4	279.7	278.9	278.9	280.4	280.4	281.9	281.9	284.2
52.5°	259.9	259.9	258.4	259.1	260.7	259.1	261.4	259.1	260.7	261.4	262.9
55°	240.1	238.6	239.4	238.6	241.7	239.4	241.7	240.1	241.7	240.9	242.4
57.5°	218.9	216.6	217.3	216.6	218.9	218.1	220.4	218.1	218.9	219.6	221.9
60°	194.5	194.5	194.5	193.0	195.3	195.3	194.5	194.5	197.6	199.1	198.3
62.5°	171.7	171.0	168.7	167.9	168.7	167.2	170.2	169.5	171.0	172.5	174.0
65°	146.7	145.1	144.4	142.9	142.9	142.1	142.9	145.9	146.7	147.4	151.2
67.5°	126.1	125.4	124.6	122.3	122.3	123.9	123.9	123.9	128.4	126.1	129.2
70°	107.9	106.4	104.9	104.1	104.1	104.9	105.6	106.4	105.6	108.7	109.4
72.5°	90.4	91.2	89.7	89.7	89.7	88.9	88.9	90.4	91.2	90.4	91.2
75°	75.2	75.2	74.5	75.2	75.2	74.5	74.5	76.0	76.0	75.2	77.5
77.5°	60.8	60.0	58.5	57.0	57.8	57.0	57.8	57.0	59.3	61.6	60.0
80°	42.6	41.8	41.8	41.8	42.6	41.8	43.3	41.8	42.6	42.6	43.3
82.5°	30.4	31.2	31.2	30.4	31.2	30.4	31.2	31.2	31.2	30.4	31.2
85°	19.8	19.8	19.8	19.8	19.0	19.8	19.8	19.8	20.5	19.8	20.5
87.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	9.1	8.4	9.1
90°	7.5	7.6	7.9	8.1	8.4	8.6	8.4	8.1	7.9	7.6	7.5
92.5°	7.5	7.5	7.6	7.7	7.8	7.9	7.8	7.7	7.6	7.5	7.5
95°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	7.1	7.1	7.2	7.3	7.4	7.5	7.4	7.3	7.2	7.1	7.1
100°	8.9	8.7	8.4	8.1	7.8	7.5	7.8	8.1	8.4	8.7	8.9
102.5°	84.3	81.0	74.3	67.6	61.0	54.3	61.0	67.6	74.3	81.0	84.3
105°	106.5	106.5	106.4	106.3	106.2	106.1	106.2	106.3	106.4	106.5	106.5
107.5°	130.4	130.2	129.9	129.6	129.3	129.0	129.3	129.6	129.9	130.2	130.4
110°	152.5	152.5	152.6	152.7	152.8	152.9	152.8	152.7	152.6	152.5	152.5

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	175.0	174.9	174.8	174.6	174.5	174.3	174.5	174.6	174.8	174.9	175.0
115°	197.9	197.7	197.2	196.7	196.3	195.8	196.3	196.7	197.2	197.7	197.9
117.5°	219.7	219.6	219.5	219.3	219.2	219.0	219.2	219.3	219.5	219.6	219.7
120°	241.8	241.6	241.2	240.9	240.5	240.1	240.5	240.9	241.2	241.6	241.8
122.5°	262.2	262.0	261.5	261.0	260.6	260.1	260.6	261.0	261.5	262.0	262.2
125°	281.5	281.4	281.1	280.9	280.6	280.4	280.6	280.9	281.1	281.4	281.5
127.5°	300.1	299.8	299.1	298.5	297.8	297.2	297.8	298.5	299.1	299.8	300.1
130°	317.6	317.4	317.0	316.6	316.2	315.8	316.2	316.6	317.0	317.4	317.6
132.5°	334.7	334.5	334.1	333.7	333.3	332.9	333.3	333.7	334.1	334.5	334.7
135°	350.4	350.2	349.7	349.2	348.8	348.3	348.8	349.2	349.7	350.2	350.4
137.5°	366.2	366.0	365.6	365.2	364.8	364.4	364.8	365.2	365.6	366.0	366.2
140°	380.4	380.2	379.7	379.2	378.8	378.3	378.8	379.2	379.7	380.2	380.4
142.5°	393.7	393.5	393.0	392.5	392.0	391.5	392.0	392.5	393.0	393.5	393.7
145°	406.5	406.3	405.8	405.3	404.9	404.4	404.9	405.3	405.8	406.3	406.5
147.5°	417.6	417.3	416.8	416.2	415.7	415.1	415.7	416.2	416.8	417.3	417.6
150°	428.3	428.0	427.4	426.7	426.1	425.5	426.1	426.7	427.4	428.0	428.3
152.5°	437.6	437.3	436.8	436.2	435.7	435.1	435.7	436.2	436.8	437.3	437.6
155°	446.2	445.9	445.2	444.6	443.9	443.3	443.9	444.6	445.2	445.9	446.2
157.5°	453.3	453.0	452.4	451.7	451.1	450.5	451.1	451.7	452.4	453.0	453.3
160°	460.1	459.8	459.1	458.5	457.8	457.2	457.8	458.5	459.1	459.8	460.1
162.5°	466.5	466.1	465.4	464.7	464.0	463.3	464.0	464.7	465.4	466.1	466.5
165°	471.5	471.2	470.6	469.9	469.3	468.7	469.3	469.9	470.6	471.2	471.5
167.5°	475.8	475.4	474.7	474.0	473.3	472.6	473.3	474.0	474.7	475.4	475.8
170°	479.0	478.6	477.9	477.2	476.5	475.8	476.5	477.2	477.9	478.6	479.0
172.5°	481.2	480.8	480.1	479.4	478.7	478.0	478.7	479.4	480.1	480.8	481.2
175°	483.0	482.6	481.9	481.2	480.5	479.8	480.5	481.2	481.9	482.6	483.0
177.5°	483.7	483.4	482.7	482.1	481.4	480.8	481.4	482.1	482.7	483.4	483.7
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6	925.6
2.5°	875.4	879.2	876.2	873.9	880.0	883.0	883.0	888.3	893.7	898.2	899.0
5°	821.5	827.6	829.1	828.3	837.4	842.0	851.9	857.2	864.8	870.1	876.2
7.5°	772.1	780.4	781.2	782.7	796.4	804.0	812.4	826.0	836.7	844.3	851.1
10°	722.7	728.0	733.3	740.2	753.8	766.8	778.9	793.4	807.0	814.6	824.5
12.5°	685.4	689.2	695.3	699.9	714.3	725.7	741.7	761.4	781.2	787.3	799.4
15°	646.7	649.0	661.1	665.7	677.9	696.8	706.7	725.7	747.0	758.4	772.1
17.5°	601.9	615.5	623.1	628.5	643.7	658.9	674.8	694.6	721.9	732.6	742.4
20°	569.9	579.8	588.2	595.0	608.7	631.5	645.9	661.9	687.7	699.9	714.3
22.5°	541.8	550.2	557.8	565.4	574.5	595.0	611.7	633.8	659.6	671.0	687.7
25°	515.2	523.6	528.1	537.3	549.4	563.9	583.6	603.4	629.2	642.1	658.1
27.5°	489.4	497.7	506.1	513.7	522.1	535.7	549.4	574.5	601.1	616.3	630.0
30°	467.4	471.2	478.8	487.1	495.5	508.4	524.3	541.8	572.2	585.9	602.6
32.5°	443.0	449.9	455.2	461.3	471.9	482.6	497.0	519.0	543.3	556.3	574.5
35°	420.2	426.3	430.1	440.8	447.6	459.0	473.4	493.2	513.7	528.1	544.1
37.5°	398.2	404.3	408.8	414.9	424.0	433.9	449.1	463.6	487.9	500.0	518.3
40°	375.4	380.7	386.0	392.9	401.2	413.4	422.5	440.8	460.5	474.2	487.9
42.5°	353.4	356.4	362.5	370.1	378.4	389.1	402.0	416.4	436.2	448.4	460.5
45°	329.8	335.1	342.0	347.3	354.9	365.5	376.9	389.8	409.6	421.8	434.7
47.5°	307.8	311.6	316.1	324.5	334.4	342.0	354.1	366.3	384.5	395.9	408.1
50°	285.0	288.8	295.6	300.9	308.5	318.4	329.8	342.7	360.2	367.8	380.0
52.5°	263.7	265.2	272.1	277.4	285.0	296.4	305.5	316.9	333.6	342.0	354.1
55°	242.4	243.9	247.7	253.1	261.4	270.5	280.4	293.3	307.8	315.4	326.8
57.5°	220.4	221.9	225.7	229.5	237.9	246.2	257.6	268.3	282.7	289.5	300.2
60°	198.3	198.3	202.1	207.5	213.5	221.1	231.0	243.9	254.6	262.9	270.5
62.5°	174.8	177.1	179.3	183.1	190.0	199.1	207.5	216.6	229.5	235.6	242.4
65°	151.2	153.5	158.1	161.9	167.2	173.3	183.9	191.5	201.4	208.2	214.3
67.5°	130.7	133.0	136.0	140.6	144.4	151.2	158.8	166.4	177.1	181.6	186.2
70°	109.4	111.7	114.0	120.1	123.9	129.2	134.5	142.1	151.2	154.3	158.1
72.5°	92.7	93.5	96.5	98.0	103.3	107.9	114.0	118.5	125.4	129.2	132.2
75°	78.3	78.3	79.0	80.6	83.6	86.6	91.2	95.8	101.8	104.1	107.9
77.5°	61.6	63.8	63.1	64.6	66.1	67.6	71.4	74.5	80.6	82.1	83.6
80°	44.1	44.8	47.1	49.4	49.4	51.7	54.0	54.7	58.5	60.8	60.8
82.5°	31.9	32.7	31.9	32.7	33.4	34.2	36.5	39.5	39.5	40.3	41.8
85°	19.8	19.8	20.5	21.3	21.3	20.5	22.0	21.3	22.0	23.6	23.6
87.5°	9.9	9.1	9.1	9.1	9.1	9.1	9.9	9.1	9.9	9.9	9.9
90°	7.3	6.9	6.5	6.1	5.7	5.1	4.6	4.0	3.5	3.2	2.9
92.5°	7.3	6.9	6.5	6.1	5.7	5.2	4.8	4.3	3.8	3.6	4.0
95°	7.3	6.9	6.5	6.1	5.7	8.7	11.7	14.8	17.8	19.3	19.4
97.5°	7.0	6.9	6.7	6.6	6.4	14.0	21.5	29.1	36.6	40.4	40.2
100°	14.8	26.7	38.5	50.4	62.2	61.9	61.5	61.2	60.9	60.7	60.6
102.5°	84.2	84.1	83.9	83.8	83.6	83.4	83.3	83.1	83.0	82.9	82.7
105°	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.3
107.5°	130.4	130.3	130.2	130.1	130.0	129.8	129.7	129.5	129.4	129.3	129.3
110°	152.6	152.9	153.1	153.4	153.6	153.4	153.3	153.1	153.0	152.9	152.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	175.2	175.5	175.8	176.2	176.5	176.4	176.3	176.2	176.1	176.1	176.0
115°	198.1	198.4	198.7	199.0	199.3	199.2	199.2	199.1	199.0	199.0	198.8
117.5°	219.9	220.4	220.9	221.3	221.8	221.5	221.2	220.9	220.6	220.4	220.4
120°	241.9	242.1	242.2	242.4	242.6	242.4	242.1	241.9	241.6	241.5	241.5
122.5°	262.3	262.4	262.6	262.7	262.9	262.8	262.8	262.7	262.6	262.6	262.4
125°	281.7	282.0	282.3	282.6	282.9	282.9	282.9	282.9	282.9	282.9	282.6
127.5°	300.2	300.3	300.5	300.6	300.8	300.9	300.9	301.0	301.1	301.1	300.9
130°	317.7	317.9	318.2	318.4	318.6	318.5	318.5	318.4	318.3	318.3	318.1
132.5°	334.7	334.7	334.7	334.7	334.7	334.9	335.2	335.4	335.7	335.8	335.6
135°	350.5	350.7	350.8	351.0	351.2	351.4	351.5	351.7	351.8	351.9	351.7
137.5°	366.2	366.2	366.2	366.2	366.2	366.4	366.5	366.7	366.8	366.9	366.7
140°	380.3	380.2	380.0	379.9	379.7	379.8	379.9	380.0	380.1	380.1	380.0
142.5°	393.7	393.7	393.7	393.7	393.7	393.5	393.3	393.2	393.0	392.9	392.9
145°	406.5	406.4	406.3	406.3	406.2	406.2	406.2	406.2	406.2	406.2	406.1
147.5°	417.6	417.5	417.4	417.3	417.2	417.1	417.1	417.0	416.9	416.9	416.9
150°	428.2	428.1	427.9	427.8	427.6	427.4	427.3	427.1	427.0	426.9	427.0
152.5°	437.5	437.4	437.2	437.1	436.9	436.7	436.6	436.4	436.3	436.2	436.4
155°	446.1	445.8	445.6	445.3	445.1	444.9	444.8	444.6	444.5	444.4	444.6
157.5°	453.2	452.9	452.7	452.4	452.2	452.2	452.2	452.2	452.2	452.2	452.3
160°	459.9	459.6	459.3	459.0	458.7	458.6	458.5	458.4	458.3	458.3	458.5
162.5°	466.3	465.8	465.3	464.9	464.4	464.3	464.2	464.1	464.0	464.0	464.2
165°	471.3	470.8	470.3	469.9	469.4	469.3	469.2	469.1	469.0	469.0	469.2
167.5°	475.5	475.0	474.4	473.9	473.3	473.2	473.2	473.1	473.0	473.0	473.2
170°	478.7	478.1	477.4	476.8	476.2	476.1	476.0	475.9	475.8	475.8	476.1
172.5°	480.9	480.4	479.8	479.3	478.7	478.5	478.4	478.2	478.1	478.0	478.3
175°	482.7	482.0	481.4	480.7	480.1	480.0	480.0	479.9	479.8	479.8	480.0
177.5°	483.4	482.9	482.3	481.8	481.2	481.1	481.0	480.9	480.8	480.8	481.0
180°	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	925.6	925.6	925.6	925.6
2.5°	904.3	911.1	918.0	926.3
5°	886.1	898.2	911.1	923.3
7.5°	866.3	883.8	900.5	918.0
10°	844.3	866.3	885.3	909.6
12.5°	820.0	843.5	870.1	897.5
15°	795.6	825.3	853.4	884.5
17.5°	772.8	801.0	832.1	869.4
20°	745.5	776.6	811.6	851.1
22.5°	716.6	750.8	788.8	831.4
25°	692.3	727.2	763.7	808.6
27.5°	665.7	702.2	737.9	785.8
30°	635.3	674.8	711.3	760.7
32.5°	606.4	645.9	686.2	732.6
35°	578.3	617.1	657.3	704.4
37.5°	551.7	586.7	626.2	668.7
40°	526.6	558.5	593.5	632.3
42.5°	494.7	531.9	564.6	592.7
45°	467.4	497.7	528.1	550.9
47.5°	435.4	465.8	491.7	509.9
50°	408.8	433.2	454.4	470.4
52.5°	376.9	399.7	417.2	429.4
55°	345.8	365.5	380.7	389.1
57.5°	317.6	330.6	342.0	349.6
60°	286.5	296.4	306.2	314.6
62.5°	253.1	263.7	269.0	278.1
65°	223.4	230.3	238.6	241.7
67.5°	194.5	198.3	203.7	209.7
70°	164.1	166.4	171.7	180.1
72.5°	137.5	139.8	143.6	146.7
75°	109.4	111.7	114.7	117.8
77.5°	85.9	86.6	88.2	91.2
80°	62.3	64.6	66.1	66.9
82.5°	43.3	44.1	44.1	44.8
85°	27.4	25.8	25.8	26.6
87.5°	9.9	11.4	11.4	12.9
90°	2.3	1.6	1.0	0.4
92.5°	4.7	5.4	6.1	6.8
95°	19.7	19.9	20.2	20.4
97.5°	39.7	39.2	38.7	38.2
100°	60.4	60.1	59.9	59.7
102.5°	82.4	82.1	81.7	81.4
105°	106.0	105.7	105.3	105.0
107.5°	129.3	129.3	129.3	129.3
110°	152.9	152.9	152.9	152.9

TEST NUMBER: P1027226

CATALOG NUMBER: S125RDIP-B610D375UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	175.7	175.5	175.2	175.0
115°	198.4	198.0	197.6	197.2
117.5°	220.4	220.4	220.4	220.4
120°	241.6	241.7	241.7	241.8
122.5°	262.0	261.6	261.2	260.8
125°	282.1	281.5	281.0	280.4
127.5°	300.5	300.2	299.8	299.4
130°	317.7	317.3	316.9	316.5
132.5°	335.1	334.6	334.1	333.6
135°	351.2	350.7	350.2	349.7
137.5°	366.2	365.7	365.2	364.7
140°	379.9	379.7	379.6	379.4
142.5°	392.8	392.7	392.7	392.6
145°	406.0	405.8	405.7	405.5
147.5°	416.9	416.9	416.9	416.9
150°	427.1	427.3	427.4	427.6
152.5°	436.8	437.2	437.6	438.0
155°	445.1	445.6	446.0	446.5
157.5°	452.6	452.8	453.1	453.3
160°	459.0	459.5	460.0	460.5
162.5°	464.7	465.2	465.7	466.2
165°	469.7	470.2	470.7	471.2
167.5°	473.7	474.2	474.6	475.1
170°	476.6	477.2	477.7	478.3
172.5°	478.8	479.4	479.9	480.5
175°	480.5	481.0	481.4	481.9
177.5°	481.5	482.0	482.5	483.0
180°	481.9	481.9	481.9	481.9

(END OF REPORT)