

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: P1026501

Luminaire Tested: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026501
REPORT IS A COMBINATION OF REPORTS P999581 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B575D810UB27-4F0-XX-W2A-A4
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

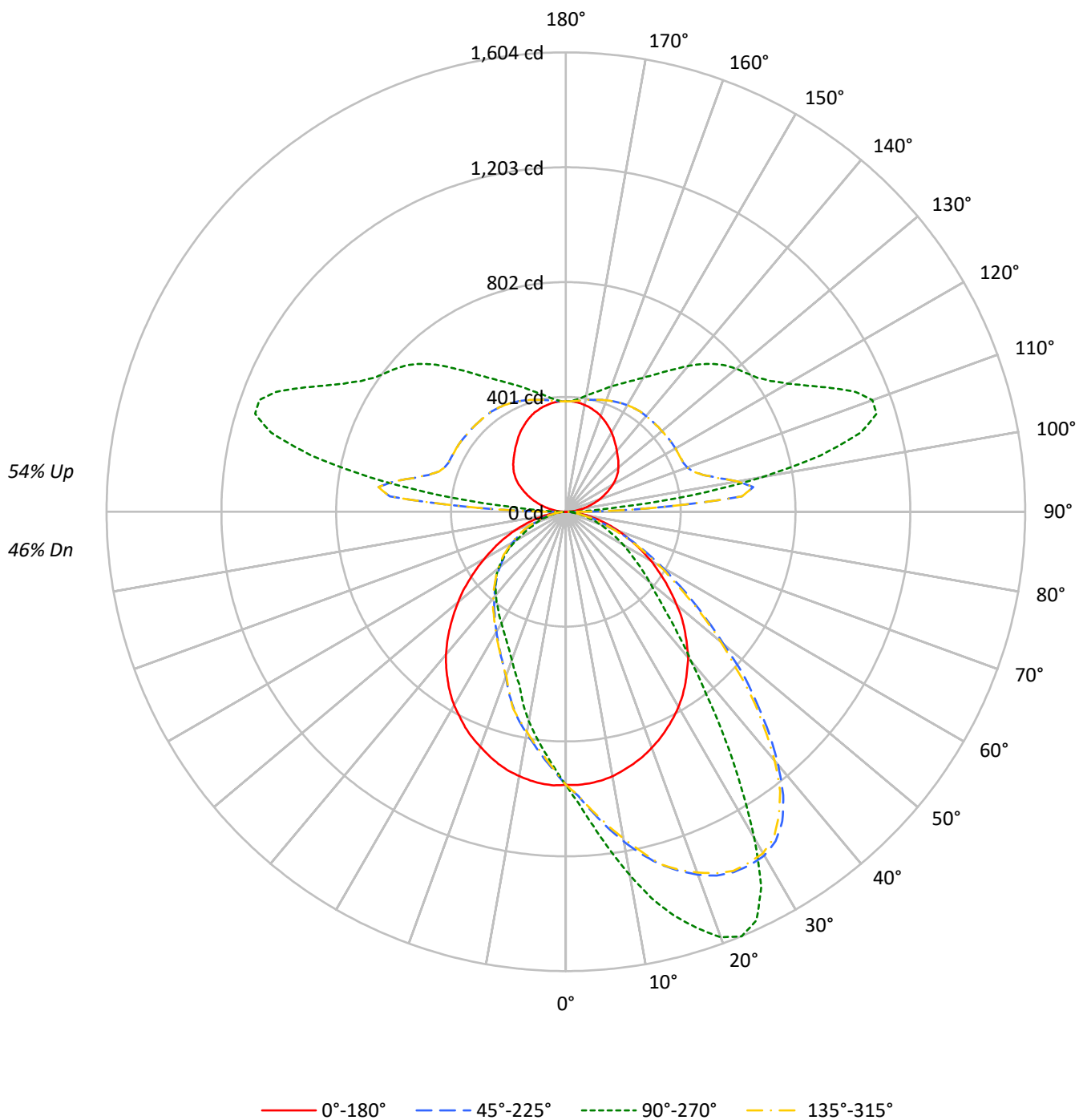
Lumens per Lamp: N/A
Luminaire Lumens: 5218.0 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 45.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	98	98	98	98	81	81	81	66	66	66	53	53	53	46		
1	97	93	90	86	89	86	83	80	72	70	68	59	58	56	47	46	45	40		
2	89	82	76	71	82	75	70	66	63	60	57	52	50	47	42	40	39	34		
3	81	72	65	60	75	67	61	56	56	52	48	47	43	41	38	35	33	29		
4	75	64	57	51	68	59	53	48	50	45	41	42	38	35	34	31	29	25		
5	69	57	49	44	63	53	46	41	45	40	36	38	34	31	31	28	26	22		
6	63	52	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23	20		
7	59	47	39	33	54	43	36	31	37	32	28	31	27	24	26	23	20	18		
8	54	42	35	30	50	39	33	28	34	28	25	28	24	21	24	20	18	16		
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17	14		
10	47	35	28	24	44	33	27	22	29	23	20	24	20	17	20	17	15	13		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7774	7774	7774	7774
5°	7774	8784	7787	6714
10°	7733	10126	7726	5839
15°	7640	11397	7640	4889
20°	7544	12357	7505	4305
25°	7427	12409	7393	3888
30°	7302	10552	7245	3601
35°	7125	7962	7035	3388
40°	6928	5770	6793	3221
45°	6603	4385	6439	3073
50°	6217	3544	6047	2857
55°	5800	2935	5610	2569
60°	5381	2481	5140	2136
65°	4853	2022	4699	1698
70°	4370	1639	4165	1379
75°	3830	1181	3565	1011
80°	3159	782	2875	743
85°	2292	402	1899	402

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 9732 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	1.8
10°-20°	278.8	5.3
20°-30°	436.7	8.4
30°-40°	484.9	9.3
40°-50°	429.7	8.2
50°-60°	334.9	6.4
60°-70°	219.1	4.2
70°-80°	107.5	2.1
80°-90°	27.7	0.5
90°-100°	279.3	5.4
100°-110°	583.1	11.2
110°-120°	518.3	9.9
120°-130°	436.3	8.4
130°-140°	364.0	7.0
140°-150°	277.9	5.3
150°-160°	195.4	3.7
160°-170°	114.9	2.2
170°-180°	37.4	0.7
0°-30°	807.8	15.5
0°-40°	1292.7	24.8
0°-60°	2057.3	39.4
0°-90°	2411.5	46.2
90°-120°	1380.6	26.5
90°-150°	2458.8	47.1
90°-180°	2806.0	53.8
0°-180°	5218.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	953	953	953	953	953	
5°	952	1102	953	842	952	90
15°	911	1460	911	626	911	257
25°	835	1574	831	493	835	385
35°	728	970	719	412	728	455
45°	587	496	572	347	587	453
55°	422	296	409	259	422	378
65°	265	173	257	145	265	264
75°	133	80	124	68	133	141
85°	32	19	26	19	32	36
90°	1	16	1	16	1	4
95°	25	185	25	185	25	27
105°	89	1065	89	1065	89	94
115°	156	1023	156	1023	156	155
125°	217	816	217	816	217	194
135°	258	730	258	730	258	200
145°	298	596	298	596	298	187
155°	338	499	338	499	338	156
165°	369	435	369	435	369	104
175°	385	392	385	392	385	37
180°	385	385	385	385	385	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	954.9	963.4	968.0	971.8	979.5	982.6	988.7	990.2	996.4	995.6	993.3
5°	951.8	966.4	977.2	988.7	1002.5	1010.2	1018.7	1031.0	1037.1	1045.6	1050.9
7.5°	946.5	966.4	984.1	1001.8	1024.0	1036.3	1047.1	1066.3	1082.4	1096.3	1111.6
10°	938.0	963.4	989.5	1013.3	1044.0	1058.6	1074.7	1103.2	1125.4	1144.7	1169.2
12.5°	924.9	960.3	989.5	1021.7	1060.9	1080.9	1102.4	1136.2	1162.3	1193.8	1224.6
15°	911.1	950.3	988.7	1031.0	1075.5	1098.6	1120.1	1165.4	1205.3	1241.5	1275.3
17.5°	895.8	938.8	981.0	1027.9	1081.7	1110.1	1135.4	1190.0	1233.8	1280.6	1314.4
20°	877.3	924.2	972.6	1024.8	1085.5	1117.0	1145.4	1207.6	1256.0	1306.8	1349.0
22.5°	857.3	908.0	961.0	1017.9	1080.9	1115.5	1148.5	1215.3	1271.4	1318.3	1375.1
25°	835.1	888.8	943.4	1003.3	1074.0	1111.6	1145.4	1211.5	1271.4	1332.9	1388.2
27.5°	812.0	867.3	924.2	987.2	1059.4	1096.3	1134.7	1198.4	1268.3	1335.2	1391.3
30°	786.7	840.4	900.4	960.3	1037.1	1074.0	1113.2	1182.3	1258.4	1325.2	1385.9
32.5°	759.0	814.3	871.2	933.4	1008.7	1048.6	1084.7	1163.1	1240.7	1306.8	1363.6
35°	728.3	780.5	834.3	898.1	972.6	1008.7	1051.7	1133.1	1211.5	1281.4	1318.3
37.5°	695.2	745.2	795.1	858.1	929.6	973.3	1015.6	1097.8	1180.8	1227.6	1246.8
40°	664.5	708.3	752.1	812.8	885.0	930.3	973.3	1058.6	1131.6	1167.7	1153.1
42.5°	625.3	670.7	709.8	765.9	838.9	881.2	924.9	1013.3	1072.4	1087.0	1050.9
45°	586.9	624.6	662.2	716.8	793.6	829.7	876.5	958.7	1007.9	994.9	941.8
47.5°	549.3	580.0	615.3	668.4	737.5	780.5	824.3	895.8	930.3	911.9	838.1
50°	504.7	535.5	572.3	618.4	685.3	726.7	761.3	827.4	853.5	808.2	719.1
52.5°	462.5	489.4	520.9	563.9	627.6	665.3	702.9	759.8	768.2	716.0	622.3
55°	422.5	444.0	477.1	511.6	570.0	610.0	636.1	684.5	682.2	616.9	536.2
57.5°	381.0	401.0	423.3	459.4	514.7	544.7	573.1	615.3	593.1	537.8	457.9
60°	344.2	355.7	378.0	412.5	459.4	485.5	507.8	530.8	511.6	451.7	390.3
62.5°	303.4	316.5	332.6	360.3	401.8	426.4	442.5	452.5	432.5	386.4	330.3
65°	265.0	276.6	293.5	318.0	349.5	368.0	376.4	383.3	372.6	320.3	275.8
67.5°	230.5	238.1	253.5	269.6	303.4	308.1	319.6	322.7	301.1	261.2	225.9
70°	195.9	203.6	210.5	229.7	245.1	253.5	255.8	255.8	234.3	208.2	179.0
72.5°	163.6	168.2	175.2	188.2	196.7	202.8	205.9	202.0	182.1	160.6	139.0
75°	132.9	135.2	141.4	149.8	156.7	154.4	153.6	149.0	134.4	119.1	106.8
77.5°	102.2	103.7	110.6	112.9	112.9	115.2	112.2	107.6	95.3	83.7	78.4
80°	76.8	79.1	79.9	81.4	79.9	79.9	77.6	69.9	63.8	58.4	54.5
82.5°	53.0	54.5	55.3	53.0	54.5	52.2	48.4	43.0	39.2	38.4	36.9
85°	31.5	32.3	31.5	31.5	29.2	28.4	25.4	24.6	23.0	23.0	22.3
87.5°	15.4	14.6	13.1	11.5	11.5	10.8	11.5	10.0	11.5	10.8	10.0
90°	0.8	2.3	4.5	5.3	6.1	6.1	6.1	10.6	10.6	12.1	13.6
92.5°	10.6	15.1	23.5	34.8	48.5	58.3	68.1	115.1	188.5	259.7	296.8
95°	25.0	27.3	34.8	44.7	62.8	78.7	94.6	160.5	284.6	465.6	617.0
97.5°	41.6	41.6	48.5	57.5	73.4	87.1	100.7	152.9	259.7	445.9	660.1
100°	57.5	57.5	62.8	71.9	86.3	98.4	110.5	155.2	240.7	395.2	608.7
102.5°	72.7	74.2	78.7	87.1	100.7	112.0	123.4	162.8	235.4	361.1	544.3
105°	88.6	90.8	94.6	103.7	117.3	128.3	139.3	175.6	238.5	344.5	496.6
107.5°	106.0	107.5	111.3	121.1	134.0	145.0	156.0	189.3	247.6	339.9	465.6
110°	123.4	124.9	128.7	137.8	151.4	161.6	171.8	205.2	258.2	341.4	451.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	140.1	141.6	146.1	154.4	168.1	178.3	188.5	220.3	269.5	346.0	444.4
115°	156.0	158.2	163.5	171.1	185.5	195.7	205.9	236.2	281.6	352.0	442.9
117.5°	172.6	174.9	179.4	187.7	201.4	212.0	222.6	251.3	293.7	358.1	442.1
120°	189.3	190.8	196.1	204.4	217.3	227.9	238.5	267.2	306.6	364.9	442.1
122.5°	204.4	205.9	211.2	218.8	233.2	243.4	253.6	282.4	318.7	371.7	441.4
125°	217.3	220.3	224.8	233.2	247.6	258.2	268.7	296.0	330.8	378.5	440.6
127.5°	229.4	231.7	237.0	246.0	261.2	271.8	282.4	308.9	341.4	383.8	439.1
130°	239.2	242.3	248.3	259.7	274.0	285.0	296.0	321.7	351.3	389.9	438.3
132.5°	249.1	251.3	259.7	270.3	286.2	296.4	306.6	332.3	361.1	395.2	437.6
135°	258.2	261.2	268.7	281.6	297.5	307.4	317.2	342.2	369.4	400.5	436.8
137.5°	267.2	270.3	278.6	290.7	307.4	316.8	326.3	349.8	375.5	403.5	436.8
140°	277.1	279.3	287.7	300.5	316.4	325.5	334.6	357.3	381.5	407.3	436.1
142.5°	287.7	289.9	297.5	309.6	324.8	333.5	342.2	364.1	386.1	410.3	436.1
145°	297.5	299.8	307.4	318.0	332.3	340.6	349.0	368.7	389.1	411.1	434.5
147.5°	308.9	309.6	316.4	327.8	339.9	347.5	355.1	374.0	392.1	411.8	432.3
150°	319.5	320.2	326.3	335.4	346.7	353.9	361.1	377.8	394.4	411.8	430.0
152.5°	329.3	329.3	335.4	343.7	353.5	360.0	366.4	380.8	395.9	410.3	426.2
155°	338.4	339.2	343.7	351.3	359.6	365.3	371.0	383.8	396.7	408.8	422.4
157.5°	347.5	347.5	352.0	358.1	365.7	370.2	374.7	386.1	396.7	407.3	418.6
160°	355.8	355.8	358.8	364.1	370.2	374.4	378.5	387.6	396.7	405.0	414.1
162.5°	363.4	362.6	364.9	369.4	374.7	377.8	380.8	389.1	396.7	402.7	409.6
165°	368.7	368.7	370.2	374.0	377.8	380.0	382.3	389.1	395.2	399.7	405.0
167.5°	374.7	374.0	374.7	377.8	380.0	381.9	383.8	389.1	393.7	396.7	400.5
170°	378.5	377.8	378.5	380.8	382.3	383.5	384.6	388.4	392.1	393.7	395.9
172.5°	382.3	381.5	381.5	383.1	383.8	384.6	385.3	387.6	390.6	390.6	391.4
175°	384.6	383.8	383.8	384.6	385.3	385.3	385.3	386.8	389.1	388.4	388.4
177.5°	386.1	385.3	384.6	385.3	385.3	385.3	385.3	386.1	387.6	386.1	386.1
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	999.5	1007.9	1008.7	1016.4	1014.1	1010.2	1017.1	1012.5	1021.7	1018.7	1022.5
5°	1057.8	1069.4	1079.4	1085.5	1096.3	1094.0	1105.5	1101.6	1110.1	1101.6	1112.4
7.5°	1126.2	1145.4	1155.4	1171.5	1176.2	1176.9	1190.7	1193.8	1199.2	1193.8	1200.0
10°	1193.1	1216.1	1239.1	1252.2	1260.7	1272.2	1284.5	1289.8	1293.7	1288.3	1292.2
12.5°	1253.7	1289.8	1315.2	1341.3	1347.5	1357.5	1370.5	1369.0	1384.3	1381.3	1388.2
15°	1309.8	1349.8	1380.5	1401.2	1418.1	1426.6	1451.2	1452.7	1451.9	1459.6	1455.0
17.5°	1359.8	1393.6	1437.3	1464.2	1485.0	1485.0	1498.8	1527.2	1524.9	1524.2	1528.8
20°	1400.5	1438.9	1479.6	1524.9	1541.8	1544.9	1564.1	1578.7	1581.0	1581.0	1581.0
22.5°	1431.2	1476.5	1520.3	1552.6	1565.6	1576.4	1593.3	1602.5	1605.6	1604.1	1605.6
25°	1446.6	1489.6	1534.1	1563.3	1571.0	1577.2	1578.7	1584.1	1583.3	1574.1	1579.5
27.5°	1449.6	1491.1	1520.3	1528.0	1524.2	1520.3	1495.7	1498.0	1491.1	1477.3	1482.7
30°	1435.8	1458.1	1457.3	1433.5	1426.6	1410.5	1388.2	1355.1	1328.3	1316.7	1320.6
32.5°	1385.9	1385.9	1358.2	1304.4	1280.6	1251.4	1211.5	1181.5	1146.2	1138.5	1153.1
35°	1316.7	1277.6	1226.9	1156.2	1120.1	1098.6	1029.4	1007.9	978.0	969.5	976.4
37.5°	1209.2	1143.9	1070.1	1004.1	973.3	934.9	874.2	843.5	822.0	807.4	814.3
40°	1088.6	1009.4	932.6	851.2	817.4	785.9	740.6	712.9	678.3	679.9	682.2
42.5°	973.3	880.4	794.3	719.1	686.8	660.7	629.2	595.4	583.1	579.2	575.4
45°	851.2	752.1	671.4	615.3	586.2	561.6	532.4	513.2	498.6	495.5	499.3
47.5°	736.0	652.2	575.4	523.2	499.3	487.1	464.0	446.3	437.1	429.4	434.0
50°	631.5	553.1	491.7	447.9	431.0	422.5	401.0	391.8	382.6	380.3	379.5
52.5°	545.4	478.6	425.6	390.3	377.2	372.6	356.5	343.4	335.7	338.0	339.6
55°	467.1	410.2	368.7	340.3	329.6	324.2	312.7	303.4	298.1	295.8	297.3
57.5°	397.9	348.8	318.8	295.8	287.3	285.0	272.7	269.6	265.8	263.5	263.5
60°	334.9	300.4	272.7	259.7	250.4	248.1	238.9	235.1	234.3	232.0	230.5
62.5°	281.9	253.5	234.3	220.5	216.6	215.9	209.7	205.1	202.8	201.3	201.3
65°	235.8	215.1	199.0	189.0	185.9	184.4	177.5	175.9	174.4	172.9	172.1
67.5°	196.7	178.2	166.7	159.8	155.9	156.7	152.9	149.8	149.8	149.0	148.3
70°	159.0	147.5	137.5	133.7	132.1	130.6	129.1	126.8	126.0	126.0	126.0
72.5°	125.2	117.5	112.2	109.9	108.3	106.8	105.2	105.2	105.2	104.5	104.5
75°	96.0	93.0	89.1	86.8	86.8	88.3	86.0	83.7	81.4	79.9	80.7
77.5°	72.2	70.7	68.4	64.5	65.3	63.8	63.8	62.2	63.0	63.0	61.5
80°	53.0	50.7	49.9	47.6	48.4	47.6	46.9	46.9	45.3	45.3	45.3
82.5°	36.9	34.6	34.6	33.8	33.0	33.0	32.3	32.3	33.0	31.5	31.5
85°	22.3	21.5	21.5	20.0	20.0	20.0	20.0	20.7	20.0	19.2	19.2
87.5°	10.0	10.8	10.0	9.2	9.2	9.2	8.5	8.5	7.7	8.5	8.5
90°	12.9	13.6	14.4	15.1	15.1	15.1	15.9	16.7	15.9	15.9	15.9
92.5°	246.8	182.4	136.3	107.5	98.0	88.6	77.2	71.9	68.9	68.9	68.9
95°	634.4	561.0	443.6	342.2	305.4	268.7	231.7	208.2	194.6	184.7	194.6
97.5°	795.7	807.8	749.5	666.2	623.8	581.4	529.9	484.5	461.8	443.6	461.8
100°	802.5	913.0	928.1	891.0	863.0	835.0	769.2	723.0	700.3	694.2	700.3
102.5°	745.7	907.7	997.8	1020.5	1013.0	1005.4	971.3	941.0	916.8	912.2	916.8
105°	674.5	847.9	978.9	1053.8	1069.3	1084.8	1086.4	1080.3	1069.7	1065.2	1069.7
107.5°	616.2	774.5	916.0	1020.5	1052.3	1084.1	1117.4	1131.0	1137.1	1137.8	1137.1
110°	574.6	709.3	840.3	950.1	991.8	1033.4	1087.1	1118.9	1132.5	1139.3	1132.5

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	551.1	661.7	773.7	875.9	917.6	959.2	1022.0	1062.1	1082.6	1094.7	1082.6
115°	538.3	632.9	726.0	814.6	851.0	887.3	947.1	992.5	1016.7	1022.8	1016.7
117.5°	531.4	616.2	695.0	766.9	798.7	830.5	883.5	922.8	948.6	952.4	948.6
120°	526.1	605.6	676.0	736.6	763.5	790.4	833.5	866.8	886.5	894.8	886.5
122.5°	520.1	596.5	663.9	717.7	740.4	763.1	797.9	825.2	841.1	849.4	841.1
125°	513.3	585.9	651.1	703.3	724.1	744.9	775.2	797.2	811.5	816.1	811.5
127.5°	504.2	573.8	636.7	688.9	708.6	728.3	758.6	778.2	790.4	794.9	790.4
130°	495.9	558.7	618.5	670.0	690.0	710.1	741.1	760.1	772.2	776.7	772.2
132.5°	488.3	542.8	598.1	648.0	668.1	688.2	718.4	740.4	751.7	756.3	751.7
135°	480.7	528.4	577.6	623.8	642.8	661.7	691.9	713.1	725.2	729.8	725.2
137.5°	473.9	514.8	557.9	598.1	615.5	632.9	661.7	683.6	693.4	698.7	693.4
140°	468.6	503.4	539.0	573.1	589.0	604.9	631.4	648.0	658.6	664.7	658.6
142.5°	464.1	492.8	523.1	551.1	564.4	577.6	600.3	615.5	624.6	628.3	624.6
145°	458.8	483.0	508.7	531.4	542.0	552.6	571.6	584.4	592.0	595.8	592.0
147.5°	454.2	474.7	495.9	514.8	523.5	532.2	546.6	557.9	564.0	565.5	564.0
150°	448.9	467.1	484.5	499.6	506.4	513.3	525.4	535.2	539.8	540.5	539.8
152.5°	442.9	458.8	473.2	486.8	492.1	497.4	507.2	514.8	517.1	517.8	517.1
155°	436.8	450.4	462.6	473.9	478.4	483.0	490.6	496.6	498.9	498.9	498.9
157.5°	430.8	441.4	452.0	461.8	465.6	469.4	475.4	480.0	481.5	481.5	481.5
160°	423.9	433.0	441.4	449.7	452.7	455.7	460.3	464.8	465.6	465.6	465.6
162.5°	417.9	424.7	431.5	437.6	440.2	442.9	445.9	450.4	451.2	450.4	451.2
165°	411.1	417.1	421.7	427.0	428.9	430.8	433.8	436.8	436.1	435.3	436.1
167.5°	405.0	409.6	413.3	417.9	419.0	420.2	421.7	423.9	423.9	423.2	423.9
170°	399.0	402.7	405.0	408.0	409.2	410.3	411.8	412.6	411.8	411.8	411.8
172.5°	393.7	396.7	398.2	399.7	400.4	401.2	402.0	402.7	402.0	400.5	402.0
175°	389.9	391.4	392.1	393.7	393.7	393.7	393.7	395.2	393.7	392.1	393.7
177.5°	386.8	387.6	388.4	388.4	388.8	389.1	388.4	389.1	387.6	386.1	387.6
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	1024.8	1019.4	1018.7	1018.7	1010.2	1014.8	1005.6	995.6	991.0	991.0	982.6
5°	1110.1	1104.7	1099.3	1090.9	1090.9	1086.3	1071.7	1057.1	1046.3	1037.1	1027.1
7.5°	1197.7	1192.3	1176.9	1168.5	1173.1	1163.9	1144.7	1120.1	1101.6	1087.0	1066.3
10°	1292.9	1278.3	1270.6	1266.0	1249.9	1239.9	1217.6	1181.5	1158.5	1139.3	1112.4
12.5°	1370.5	1375.1	1345.9	1348.2	1332.1	1318.3	1283.7	1249.1	1214.6	1187.7	1147.7
15°	1454.2	1440.4	1422.8	1408.9	1403.5	1386.6	1357.5	1311.4	1273.7	1231.5	1186.1
17.5°	1520.3	1509.6	1492.7	1479.6	1468.1	1427.4	1402.8	1362.1	1310.6	1269.1	1213.8
20°	1576.4	1566.4	1542.6	1534.1	1513.4	1484.2	1448.9	1385.9	1339.8	1294.5	1240.7
22.5°	1600.2	1590.2	1569.5	1558.7	1545.7	1517.2	1483.4	1423.5	1366.7	1309.8	1253.0
25°	1580.2	1580.2	1570.3	1566.4	1554.9	1529.5	1495.0	1444.3	1383.6	1322.1	1254.5
27.5°	1483.4	1502.6	1509.6	1513.4	1513.4	1514.2	1490.4	1441.2	1382.0	1322.1	1251.4
30°	1343.6	1375.9	1404.3	1412.8	1427.4	1443.5	1453.5	1429.7	1376.7	1313.7	1243.0
32.5°	1167.7	1209.2	1262.2	1275.3	1295.2	1343.6	1370.5	1380.5	1351.3	1296.0	1220.7
35°	992.5	1044.8	1077.1	1117.0	1135.4	1206.9	1266.8	1302.9	1296.0	1263.0	1194.6
37.5°	839.7	869.6	908.8	951.1	987.9	1056.3	1130.8	1200.7	1229.2	1213.0	1161.6
40°	692.9	728.3	775.1	809.7	835.1	903.4	995.6	1071.7	1133.9	1143.9	1112.4
42.5°	589.2	624.6	653.0	690.6	710.6	776.7	858.1	953.4	1027.1	1066.3	1052.5
45°	509.3	530.8	553.9	575.4	600.0	658.4	733.7	838.1	921.1	976.4	981.8
47.5°	439.4	458.6	478.6	498.6	512.4	557.7	626.9	712.1	802.8	878.8	908.8
50°	390.3	399.5	414.1	425.6	441.7	480.9	536.2	610.0	706.0	788.2	827.4
52.5°	341.9	353.4	364.9	374.9	385.6	413.3	464.0	527.8	610.7	695.2	743.6
55°	301.1	310.4	321.1	328.0	334.2	358.8	397.2	446.3	517.8	597.7	657.6
57.5°	268.1	272.0	281.2	285.0	291.9	311.9	339.6	383.3	441.0	518.6	567.7
60°	232.0	239.7	246.6	249.7	255.1	268.9	288.1	328.8	378.7	435.6	491.7
62.5°	202.8	205.9	211.3	215.1	218.9	233.5	249.7	280.4	318.0	365.7	417.1
65°	175.9	177.5	180.5	185.9	188.2	199.0	208.2	230.5	265.8	301.9	353.4
67.5°	148.3	149.8	153.6	156.7	159.0	165.9	175.9	192.1	211.3	251.2	279.6
70°	126.8	126.8	129.1	130.6	132.9	136.0	141.4	153.6	171.3	196.7	222.8
72.5°	106.0	106.0	106.0	108.3	108.3	110.6	113.7	122.1	134.4	154.4	171.3
75°	82.2	83.0	84.5	84.5	85.3	88.3	90.7	93.0	99.1	112.2	127.5
77.5°	62.2	63.8	64.5	63.0	64.5	64.5	67.6	70.7	73.7	77.6	89.1
80°	46.1	46.9	45.3	46.1	46.1	47.6	49.2	48.4	49.9	54.5	57.6
82.5°	30.7	31.5	31.5	31.5	31.5	33.8	33.8	33.0	33.8	34.6	35.3
85°	19.2	18.4	18.4	19.2	18.4	18.4	19.2	20.0	19.2	20.0	20.7
87.5°	8.5	8.5	8.5	8.5	7.7	7.7	8.5	7.7	8.5	7.7	6.9
90°	16.7	15.9	15.1	15.1	15.1	14.4	13.6	12.9	13.6	12.1	10.6
92.5°	71.9	77.2	88.6	98.0	107.5	136.3	182.4	246.8	296.8	259.7	188.5
95°	208.2	231.7	268.7	305.4	342.2	443.6	561.0	634.4	617.0	465.6	284.6
97.5°	484.5	529.9	581.4	623.8	666.2	749.5	807.8	795.7	660.1	445.9	259.7
100°	723.0	769.2	835.0	863.0	891.0	928.1	913.0	802.5	608.7	395.2	240.7
102.5°	941.0	971.3	1005.4	1013.0	1020.5	997.8	907.7	745.7	544.3	361.1	235.4
105°	1080.3	1086.4	1084.8	1069.3	1053.8	978.9	847.9	674.5	496.6	344.5	238.5
107.5°	1131.0	1117.4	1084.1	1052.3	1020.5	916.0	774.5	616.2	465.6	339.9	247.6
110°	1118.9	1087.1	1033.4	991.8	950.1	840.3	709.3	574.6	451.2	341.4	258.2

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1062.1	1022.0	959.2	917.6	875.9	773.7	661.7	551.1	444.4	346.0	269.5
115°	992.5	947.1	887.3	851.0	814.6	726.0	632.9	538.3	442.9	352.0	281.6
117.5°	922.8	883.5	830.5	798.7	766.9	695.0	616.2	531.4	442.1	358.1	293.7
120°	866.8	833.5	790.4	763.5	736.6	676.0	605.6	526.1	442.1	364.9	306.6
122.5°	825.2	797.9	763.1	740.4	717.7	663.9	596.5	520.1	441.4	371.7	318.7
125°	797.2	775.2	744.9	724.1	703.3	651.1	585.9	513.3	440.6	378.5	330.8
127.5°	778.2	758.6	728.3	708.6	688.9	636.7	573.8	504.2	439.1	383.8	341.4
130°	760.1	741.1	710.1	690.0	670.0	618.5	558.7	495.9	438.3	389.9	351.3
132.5°	740.4	718.4	688.2	668.1	648.0	598.1	542.8	488.3	437.6	395.2	361.1
135°	713.1	691.9	661.7	642.8	623.8	577.6	528.4	480.7	436.8	400.5	369.4
137.5°	683.6	661.7	632.9	615.5	598.1	557.9	514.8	473.9	436.8	403.5	375.5
140°	648.0	631.4	604.9	589.0	573.1	539.0	503.4	468.6	436.1	407.3	381.5
142.5°	615.5	600.3	577.6	564.4	551.1	523.1	492.8	464.1	436.1	410.3	386.1
145°	584.4	571.6	552.6	542.0	531.4	508.7	483.0	458.8	434.5	411.1	389.1
147.5°	557.9	546.6	532.2	523.5	514.8	495.9	474.7	454.2	432.3	411.8	392.1
150°	535.2	525.4	513.3	506.4	499.6	484.5	467.1	448.9	430.0	411.8	394.4
152.5°	514.8	507.2	497.4	492.1	486.8	473.2	458.8	442.9	426.2	410.3	395.9
155°	496.6	490.6	483.0	478.4	473.9	462.6	450.4	436.8	422.4	408.8	396.7
157.5°	480.0	475.4	469.4	465.6	461.8	452.0	441.4	430.8	418.6	407.3	396.7
160°	464.8	460.3	455.7	452.7	449.7	441.4	433.0	423.9	414.1	405.0	396.7
162.5°	450.4	445.9	442.9	440.2	437.6	431.5	424.7	417.9	409.6	402.7	396.7
165°	436.8	433.8	430.8	428.9	427.0	421.7	417.1	411.1	405.0	399.7	395.2
167.5°	423.9	421.7	420.2	419.0	417.9	413.3	409.6	405.0	400.5	396.7	393.7
170°	412.6	411.8	410.3	409.2	408.0	405.0	402.7	399.0	395.9	393.7	392.1
172.5°	402.7	402.0	401.2	400.4	399.7	398.2	396.7	393.7	391.4	390.6	390.6
175°	395.2	393.7	393.7	393.7	393.7	392.1	391.4	389.9	388.4	388.4	389.1
177.5°	389.1	388.4	389.1	388.8	388.4	388.4	387.6	386.8	386.1	386.1	387.6
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	978.0	974.1	971.8	971.0	964.1	960.3	958.0	956.4	954.1	948.0	942.6
5°	1014.8	1004.1	998.7	992.5	981.8	969.5	959.5	953.4	945.7	933.4	921.9
7.5°	1049.4	1033.3	1022.5	1014.1	995.6	975.6	959.5	946.5	931.9	915.0	898.8
10°	1085.5	1059.4	1045.6	1032.5	1005.6	979.5	956.4	937.2	916.5	894.2	876.5
12.5°	1113.9	1079.4	1064.0	1045.6	1012.5	981.8	952.6	926.5	899.6	875.8	850.4
15°	1147.0	1103.9	1086.3	1062.5	1017.1	977.2	939.5	911.1	883.5	848.1	821.2
17.5°	1166.2	1116.2	1090.9	1070.1	1021.0	972.6	928.8	893.4	861.2	825.8	797.4
20°	1185.4	1128.5	1100.1	1070.9	1012.5	961.0	915.0	872.7	838.9	800.5	771.3
22.5°	1191.5	1125.4	1095.5	1068.6	1007.1	949.5	896.5	853.5	814.3	775.9	742.9
25°	1191.5	1124.7	1089.3	1054.8	990.2	931.1	878.1	831.2	787.4	749.0	716.0
27.5°	1179.2	1109.3	1072.4	1040.9	974.1	910.3	855.8	804.3	762.1	723.7	686.0
30°	1163.9	1087.0	1050.2	1012.5	948.0	887.3	828.1	780.5	736.0	692.2	658.4
32.5°	1144.7	1063.2	1022.5	984.1	915.7	852.7	798.2	751.3	709.1	663.7	626.1
35°	1117.0	1027.9	982.6	948.8	882.7	817.4	765.2	719.1	678.3	631.5	590.8
37.5°	1081.7	995.6	949.5	908.0	839.7	779.7	730.6	686.0	646.1	603.1	557.7
40°	1040.2	950.3	910.3	866.6	794.3	737.5	691.4	651.5	611.5	570.8	527.0
42.5°	993.3	904.2	859.6	817.4	748.3	692.2	649.1	613.0	576.2	538.5	491.7
45°	937.2	853.5	810.5	770.5	703.7	646.1	606.9	572.3	540.8	502.4	460.9
47.5°	874.2	801.3	757.5	714.4	649.1	599.2	560.8	531.6	504.7	466.3	428.7
50°	812.8	740.6	705.2	661.4	601.5	554.7	515.5	490.9	470.2	432.5	398.7
52.5°	735.2	680.6	646.8	609.2	551.6	504.0	473.2	451.7	427.1	397.9	368.0
55°	666.8	616.1	589.2	553.9	497.0	454.8	428.7	408.7	389.5	363.4	339.6
57.5°	589.2	557.7	530.8	500.1	444.0	407.9	384.9	368.0	350.3	328.8	309.6
60°	507.8	493.2	467.1	442.5	394.9	363.4	344.2	328.8	311.9	294.2	278.1
62.5°	435.6	427.1	411.8	392.6	348.0	321.1	301.9	290.4	278.1	262.0	246.6
65°	367.2	363.4	348.8	334.9	304.2	280.4	263.5	256.6	242.8	230.5	216.6
67.5°	306.5	301.9	293.5	287.3	261.2	238.9	230.5	221.2	209.7	200.5	189.0
70°	245.1	244.3	238.9	231.2	217.4	201.3	192.8	186.7	175.2	168.2	159.8
72.5°	190.5	194.4	189.8	186.7	177.5	165.9	158.3	154.4	145.2	139.8	133.7
75°	142.1	145.2	147.5	142.1	139.8	134.4	127.5	123.7	119.1	111.4	109.1
77.5°	96.8	103.7	103.7	105.2	106.0	102.9	97.6	94.5	89.1	87.6	84.5
80°	63.8	69.9	70.7	72.2	74.5	74.5	70.7	69.9	64.5	63.8	61.5
82.5°	36.9	42.3	45.3	47.6	46.9	49.9	46.9	46.1	43.0	43.0	41.5
85°	20.0	20.7	22.3	23.8	25.4	26.9	26.9	26.1	25.4	24.6	23.0
87.5°	7.7	7.7	8.5	7.7	8.5	10.0	10.8	10.8	10.0	9.2	7.7
90°	10.6	6.1	6.1	6.1	5.3	4.5	2.3	0.8	2.3	4.5	5.3
92.5°	115.1	68.1	58.3	48.5	34.8	23.5	15.1	10.6	15.1	23.5	34.8
95°	160.5	94.6	78.7	62.8	44.7	34.8	27.3	25.0	27.3	34.8	44.7
97.5°	152.9	100.7	87.1	73.4	57.5	48.5	41.6	41.6	41.6	48.5	57.5
100°	155.2	110.5	98.4	86.3	71.9	62.8	57.5	57.5	57.5	62.8	71.9
102.5°	162.8	123.4	112.0	100.7	87.1	78.7	74.2	72.7	74.2	78.7	87.1
105°	175.6	139.3	128.3	117.3	103.7	94.6	90.8	88.6	90.8	94.6	103.7
107.5°	189.3	156.0	145.0	134.0	121.1	111.3	107.5	106.0	107.5	111.3	121.1
110°	205.2	171.8	161.6	151.4	137.8	128.7	124.9	123.4	124.9	128.7	137.8

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	220.3	188.5	178.3	168.1	154.4	146.1	141.6	140.1	141.6	146.1	154.4
115°	236.2	205.9	195.7	185.5	171.1	163.5	158.2	156.0	158.2	163.5	171.1
117.5°	251.3	222.6	212.0	201.4	187.7	179.4	174.9	172.6	174.9	179.4	187.7
120°	267.2	238.5	227.9	217.3	204.4	196.1	190.8	189.3	190.8	196.1	204.4
122.5°	282.4	253.6	243.4	233.2	218.8	211.2	205.9	204.4	205.9	211.2	218.8
125°	296.0	268.7	258.2	247.6	233.2	224.8	220.3	217.3	220.3	224.8	233.2
127.5°	308.9	282.4	271.8	261.2	246.0	237.0	231.7	229.4	231.7	237.0	246.0
130°	321.7	296.0	285.0	274.0	259.7	248.3	242.3	239.2	242.3	248.3	259.7
132.5°	332.3	306.6	296.4	286.2	270.3	259.7	251.3	249.1	251.3	259.7	270.3
135°	342.2	317.2	307.4	297.5	281.6	268.7	261.2	258.2	261.2	268.7	281.6
137.5°	349.8	326.3	316.8	307.4	290.7	278.6	270.3	267.2	270.3	278.6	290.7
140°	357.3	334.6	325.5	316.4	300.5	287.7	279.3	277.1	279.3	287.7	300.5
142.5°	364.1	342.2	333.5	324.8	309.6	297.5	289.9	287.7	289.9	297.5	309.6
145°	368.7	349.0	340.6	332.3	318.0	307.4	299.8	297.5	299.8	307.4	318.0
147.5°	374.0	355.1	347.5	339.9	327.8	316.4	309.6	308.9	309.6	316.4	327.8
150°	377.8	361.1	353.9	346.7	335.4	326.3	320.2	319.5	320.2	326.3	335.4
152.5°	380.8	366.4	360.0	353.5	343.7	335.4	329.3	329.3	329.3	335.4	343.7
155°	383.8	371.0	365.3	359.6	351.3	343.7	339.2	338.4	339.2	343.7	351.3
157.5°	386.1	374.7	370.2	365.7	358.1	352.0	347.5	347.5	347.5	352.0	358.1
160°	387.6	378.5	374.4	370.2	364.1	358.8	355.8	355.8	355.8	358.8	364.1
162.5°	389.1	380.8	377.8	374.7	369.4	364.9	362.6	363.4	362.6	364.9	369.4
165°	389.1	382.3	380.0	377.8	374.0	370.2	368.7	368.7	368.7	370.2	374.0
167.5°	389.1	383.8	381.9	380.0	377.8	374.7	374.0	374.7	374.0	374.7	377.8
170°	388.4	384.6	383.5	382.3	380.8	378.5	377.8	378.5	377.8	378.5	380.8
172.5°	387.6	385.3	384.6	383.8	383.1	381.5	381.5	382.3	381.5	381.5	383.1
175°	386.8	385.3	385.3	385.3	384.6	383.8	383.8	384.6	383.8	383.8	384.6
177.5°	386.1	385.3	385.3	385.3	385.3	384.6	385.3	386.1	385.3	384.6	385.3
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	938.0	936.5	934.9	928.8	923.4	914.2	906.5	903.4	902.7	903.4	901.1
5°	911.1	910.3	905.0	894.2	884.2	873.5	865.8	858.1	853.5	853.5	848.1
7.5°	885.8	880.4	875.8	861.9	850.4	835.8	824.3	817.4	813.6	805.1	805.1
10°	858.9	851.2	845.0	832.0	815.1	800.5	785.9	777.4	770.5	764.4	762.1
12.5°	832.0	825.8	814.3	800.5	783.6	765.2	749.8	743.6	727.5	714.4	715.2
15°	806.6	792.8	787.4	767.5	747.5	729.8	707.5	689.9	676.8	668.4	657.6
17.5°	778.2	764.4	754.4	737.5	711.4	683.7	662.2	638.4	625.3	610.7	603.8
20°	746.7	735.2	727.5	700.6	669.1	636.1	612.3	597.7	583.1	572.3	566.2
22.5°	719.8	705.2	696.0	659.9	625.3	592.3	573.9	561.6	549.3	540.1	537.0
25°	685.3	676.8	654.5	623.0	580.8	558.5	542.4	526.2	519.3	513.2	506.3
27.5°	656.8	636.1	620.7	579.2	553.1	527.8	511.6	499.3	490.9	484.7	479.4
30°	621.5	602.3	580.8	546.2	522.4	498.6	484.0	474.0	464.8	460.9	456.3
32.5°	584.6	566.9	546.2	518.6	489.4	470.9	459.4	448.6	442.5	438.7	433.3
35°	551.6	529.3	515.5	489.4	465.5	444.8	434.0	424.8	417.9	416.4	415.6
37.5°	516.2	499.3	486.3	459.4	439.4	421.8	411.8	401.8	397.9	397.2	394.1
40°	485.5	470.9	458.6	433.3	411.8	395.6	388.0	381.8	378.0	378.0	377.2
42.5°	458.6	443.3	431.0	407.9	388.7	374.1	365.7	359.5	358.0	358.8	358.0
45°	428.7	415.6	403.3	379.5	363.4	352.6	343.4	340.3	338.0	338.8	339.6
47.5°	400.2	389.5	377.2	358.0	339.6	328.0	322.7	319.6	319.6	319.6	321.1
50°	374.9	362.6	351.8	331.9	315.0	305.8	301.1	297.3	298.1	298.8	299.6
52.5°	344.9	334.2	326.5	306.5	294.2	282.7	277.3	278.1	277.3	277.3	278.9
55°	318.8	308.1	300.4	281.9	269.6	262.0	257.4	255.1	255.8	254.3	257.4
57.5°	289.6	280.4	275.0	257.4	246.6	239.7	235.8	232.0	233.5	232.8	232.0
60°	264.3	253.5	245.1	232.8	223.6	215.1	212.8	209.0	210.5	209.0	208.2
62.5°	235.1	226.6	220.5	208.2	200.5	193.6	188.2	185.9	185.1	182.8	180.5
65°	205.9	201.3	195.1	182.8	175.2	169.8	166.7	164.4	163.6	157.5	150.6
67.5°	179.0	175.9	169.8	160.6	153.6	148.3	143.7	139.8	135.2	130.6	126.8
70°	153.6	149.0	145.2	136.7	130.6	125.2	120.6	116.0	113.7	109.1	107.6
72.5°	129.1	124.5	120.6	112.9	107.6	102.2	100.6	95.3	93.0	92.2	92.2
75°	103.7	99.9	97.6	90.7	86.0	82.2	79.9	78.4	76.8	75.3	73.0
77.5°	79.1	76.8	75.3	70.7	66.8	64.5	63.8	58.4	56.8	55.3	53.8
80°	57.6	56.8	55.3	51.5	49.9	44.6	44.6	43.0	42.3	42.3	42.3
82.5°	39.2	37.6	36.9	33.0	32.3	31.5	30.7	30.0	30.7	30.0	30.7
85°	20.7	20.0	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.4	19.2
87.5°	7.7	7.7	7.7	7.7	6.9	7.7	7.7	6.9	7.7	7.7	7.7
90°	6.1	6.1	6.1	10.6	10.6	12.1	13.6	12.9	13.6	14.4	15.1
92.5°	48.5	58.3	68.1	115.1	188.5	259.7	296.8	246.8	182.4	136.3	107.5
95°	62.8	78.7	94.6	160.5	284.6	465.6	617.0	634.4	561.0	443.6	342.2
97.5°	73.4	87.1	100.7	152.9	259.7	445.9	660.1	795.7	807.8	749.5	666.2
100°	86.3	98.4	110.5	155.2	240.7	395.2	608.7	802.5	913.0	928.1	891.0
102.5°	100.7	112.0	123.4	162.8	235.4	361.1	544.3	745.7	907.7	997.8	1020.5
105°	117.3	128.3	139.3	175.6	238.5	344.5	496.6	674.5	847.9	978.9	1053.8
107.5°	134.0	145.0	156.0	189.3	247.6	339.9	465.6	616.2	774.5	916.0	1020.5
110°	151.4	161.6	171.8	205.2	258.2	341.4	451.2	574.6	709.3	840.3	950.1

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	168.1	178.3	188.5	220.3	269.5	346.0	444.4	551.1	661.7	773.7	875.9
115°	185.5	195.7	205.9	236.2	281.6	352.0	442.9	538.3	632.9	726.0	814.6
117.5°	201.4	212.0	222.6	251.3	293.7	358.1	442.1	531.4	616.2	695.0	766.9
120°	217.3	227.9	238.5	267.2	306.6	364.9	442.1	526.1	605.6	676.0	736.6
122.5°	233.2	243.4	253.6	282.4	318.7	371.7	441.4	520.1	596.5	663.9	717.7
125°	247.6	258.2	268.7	296.0	330.8	378.5	440.6	513.3	585.9	651.1	703.3
127.5°	261.2	271.8	282.4	308.9	341.4	383.8	439.1	504.2	573.8	636.7	688.9
130°	274.0	285.0	296.0	321.7	351.3	389.9	438.3	495.9	558.7	618.5	670.0
132.5°	286.2	296.4	306.6	332.3	361.1	395.2	437.6	488.3	542.8	598.1	648.0
135°	297.5	307.4	317.2	342.2	369.4	400.5	436.8	480.7	528.4	577.6	623.8
137.5°	307.4	316.8	326.3	349.8	375.5	403.5	436.8	473.9	514.8	557.9	598.1
140°	316.4	325.5	334.6	357.3	381.5	407.3	436.1	468.6	503.4	539.0	573.1
142.5°	324.8	333.5	342.2	364.1	386.1	410.3	436.1	464.1	492.8	523.1	551.1
145°	332.3	340.6	349.0	368.7	389.1	411.1	434.5	458.8	483.0	508.7	531.4
147.5°	339.9	347.5	355.1	374.0	392.1	411.8	432.3	454.2	474.7	495.9	514.8
150°	346.7	353.9	361.1	377.8	394.4	411.8	430.0	448.9	467.1	484.5	499.6
152.5°	353.5	360.0	366.4	380.8	395.9	410.3	426.2	442.9	458.8	473.2	486.8
155°	359.6	365.3	371.0	383.8	396.7	408.8	422.4	436.8	450.4	462.6	473.9
157.5°	365.7	370.2	374.7	386.1	396.7	407.3	418.6	430.8	441.4	452.0	461.8
160°	370.2	374.4	378.5	387.6	396.7	405.0	414.1	423.9	433.0	441.4	449.7
162.5°	374.7	377.8	380.8	389.1	396.7	402.7	409.6	417.9	424.7	431.5	437.6
165°	377.8	380.0	382.3	389.1	395.2	399.7	405.0	411.1	417.1	421.7	427.0
167.5°	380.0	381.9	383.8	389.1	393.7	396.7	400.5	405.0	409.6	413.3	417.9
170°	382.3	383.5	384.6	388.4	392.1	393.7	395.9	399.0	402.7	405.0	408.0
172.5°	383.8	384.6	385.3	387.6	390.6	390.6	391.4	393.7	396.7	398.2	399.7
175°	385.3	385.3	385.3	386.8	389.1	388.4	388.4	389.9	391.4	392.1	393.7
177.5°	385.3	385.3	385.3	386.1	387.6	386.1	386.1	386.8	387.6	388.4	388.4
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	901.1	904.2	900.4	902.7	897.3	896.5	897.3	897.3	898.1	898.8	899.6
5°	850.4	849.7	845.0	842.0	839.7	842.0	843.5	845.0	843.5	845.0	845.8
7.5°	802.8	800.5	798.2	792.8	794.3	792.8	797.4	795.1	795.1	799.0	802.0
10°	760.5	755.9	754.4	748.3	743.6	742.9	748.3	750.6	752.9	754.4	760.5
12.5°	706.0	699.1	693.7	696.0	683.0	688.3	689.9	686.8	696.0	706.8	700.6
15°	647.6	648.4	637.6	633.8	623.0	626.1	626.9	634.6	642.2	641.5	650.7
17.5°	604.6	600.0	590.8	590.0	585.4	587.7	586.9	593.1	590.8	594.6	602.3
20°	564.6	561.6	553.9	550.8	552.4	550.8	551.6	552.4	554.7	563.1	561.6
22.5°	533.1	529.3	529.3	525.5	520.9	519.3	523.2	525.5	528.5	530.1	533.9
25°	505.5	502.4	498.6	496.3	492.4	493.2	495.5	498.6	500.9	504.0	507.0
27.5°	477.1	477.1	473.2	472.5	470.9	470.2	473.2	474.8	474.8	477.1	480.1
30°	454.8	454.8	450.9	450.2	449.4	449.4	451.7	452.5	453.3	455.6	457.1
32.5°	433.3	432.5	431.0	431.7	431.0	431.7	431.7	432.5	434.0	434.8	437.9
35°	413.3	414.1	412.5	412.5	411.8	412.5	414.1	414.8	415.6	417.1	417.1
37.5°	394.1	395.6	394.9	397.2	397.2	397.2	397.2	398.7	398.7	398.7	397.9
40°	377.2	377.2	376.4	378.0	379.5	379.5	380.3	380.3	381.0	381.0	380.3
42.5°	358.0	359.5	361.8	362.6	364.1	363.4	365.7	364.9	365.7	364.1	362.6
45°	340.3	340.3	343.4	346.5	347.2	347.2	347.2	348.8	347.2	344.9	344.2
47.5°	321.1	322.7	324.2	328.0	328.8	328.8	328.8	328.8	327.3	327.3	327.3
50°	301.9	302.7	303.4	305.0	307.3	306.5	306.5	306.5	309.6	306.5	307.3
52.5°	278.9	279.6	280.4	283.5	282.7	282.7	283.5	283.5	285.8	285.0	283.5
55°	255.8	255.8	257.4	257.4	257.4	258.9	259.7	261.2	260.4	261.2	262.0
57.5°	232.8	231.2	230.5	230.5	232.8	232.0	232.8	232.8	235.8	237.4	238.1
60°	205.9	205.9	205.1	200.5	200.5	199.7	202.0	203.6	205.1	212.0	211.3
62.5°	178.2	175.2	172.1	172.9	168.2	170.5	169.0	170.5	175.2	180.5	181.3
65°	150.6	148.3	145.2	144.4	142.9	145.2	144.4	145.2	147.5	150.6	154.4
67.5°	126.0	125.2	123.7	122.9	122.9	122.9	124.5	124.5	125.2	127.5	129.8
70°	107.6	106.8	107.6	106.0	106.8	106.0	106.8	107.6	108.3	109.1	111.4
72.5°	90.7	90.7	90.7	89.1	90.7	89.9	89.9	90.7	91.4	92.2	93.7
75°	72.2	70.7	69.1	67.6	66.8	68.4	69.1	68.4	70.7	73.7	73.7
77.5°	54.5	53.8	53.8	53.8	54.5	53.8	55.3	54.5	55.3	55.3	56.8
80°	42.3	41.5	42.3	42.3	41.5	43.0	42.3	42.3	43.0	43.8	43.0
82.5°	30.7	31.5	30.7	30.7	30.7	32.3	30.7	30.7	30.7	31.5	31.5
85°	19.2	19.2	19.2	19.2	20.0	19.2	20.0	19.2	20.7	20.0	20.0
87.5°	6.9	7.7	8.5	8.5	8.5	8.5	7.7	8.5	9.2	8.5	9.2
90°	15.1	15.1	15.9	16.7	15.9	15.9	15.9	16.7	15.9	15.1	15.1
92.5°	98.0	88.6	77.2	71.9	68.9	68.9	68.9	71.9	77.2	88.6	98.0
95°	305.4	268.7	231.7	208.2	194.6	184.7	194.6	208.2	231.7	268.7	305.4
97.5°	623.8	581.4	529.9	484.5	461.8	443.6	461.8	484.5	529.9	581.4	623.8
100°	863.0	835.0	769.2	723.0	700.3	694.2	700.3	723.0	769.2	835.0	863.0
102.5°	1013.0	1005.4	971.3	941.0	916.8	912.2	916.8	941.0	971.3	1005.4	1013.0
105°	1069.3	1084.8	1086.4	1080.3	1069.7	1065.2	1069.7	1080.3	1086.4	1084.8	1069.3
107.5°	1052.3	1084.1	1117.4	1131.0	1137.1	1137.8	1137.1	1131.0	1117.4	1084.1	1052.3
110°	991.8	1033.4	1087.1	1118.9	1132.5	1139.3	1132.5	1118.9	1087.1	1033.4	991.8

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	917.6	959.2	1022.0	1062.1	1082.6	1094.7	1082.6	1062.1	1022.0	959.2	917.6
115°	851.0	887.3	947.1	992.5	1016.7	1022.8	1016.7	992.5	947.1	887.3	851.0
117.5°	798.7	830.5	883.5	922.8	948.6	952.4	948.6	922.8	883.5	830.5	798.7
120°	763.5	790.4	833.5	866.8	886.5	894.8	886.5	866.8	833.5	790.4	763.5
122.5°	740.4	763.1	797.9	825.2	841.1	849.4	841.1	825.2	797.9	763.1	740.4
125°	724.1	744.9	775.2	797.2	811.5	816.1	811.5	797.2	775.2	744.9	724.1
127.5°	708.6	728.3	758.6	778.2	790.4	794.9	790.4	778.2	758.6	728.3	708.6
130°	690.0	710.1	741.1	760.1	772.2	776.7	772.2	760.1	741.1	710.1	690.0
132.5°	668.1	688.2	718.4	740.4	751.7	756.3	751.7	740.4	718.4	688.2	668.1
135°	642.8	661.7	691.9	713.1	725.2	729.8	725.2	713.1	691.9	661.7	642.8
137.5°	615.5	632.9	661.7	683.6	693.4	698.7	693.4	683.6	661.7	632.9	615.5
140°	589.0	604.9	631.4	648.0	658.6	664.7	658.6	648.0	631.4	604.9	589.0
142.5°	564.4	577.6	600.3	615.5	624.6	628.3	624.6	615.5	600.3	577.6	564.4
145°	542.0	552.6	571.6	584.4	592.0	595.8	592.0	584.4	571.6	552.6	542.0
147.5°	523.5	532.2	546.6	557.9	564.0	565.5	564.0	557.9	546.6	532.2	523.5
150°	506.4	513.3	525.4	535.2	539.8	540.5	539.8	535.2	525.4	513.3	506.4
152.5°	492.1	497.4	507.2	514.8	517.1	517.8	517.1	514.8	507.2	497.4	492.1
155°	478.4	483.0	490.6	496.6	498.9	498.9	498.9	496.6	490.6	483.0	478.4
157.5°	465.6	469.4	475.4	480.0	481.5	481.5	481.5	480.0	475.4	469.4	465.6
160°	452.7	455.7	460.3	464.8	465.6	465.6	465.6	464.8	460.3	455.7	452.7
162.5°	440.2	442.9	445.9	450.4	451.2	450.4	451.2	450.4	445.9	442.9	440.2
165°	428.9	430.8	433.8	436.8	436.1	435.3	436.1	436.8	433.8	430.8	428.9
167.5°	419.0	420.2	421.7	423.9	423.9	423.2	423.9	423.9	421.7	420.2	419.0
170°	409.2	410.3	411.8	412.6	411.8	411.8	411.8	412.6	411.8	410.3	409.2
172.5°	400.4	401.2	402.0	402.7	402.0	400.5	402.0	402.7	402.0	401.2	400.4
175°	393.7	393.7	393.7	395.2	393.7	392.1	393.7	395.2	393.7	393.7	393.7
177.5°	388.8	389.1	388.4	389.1	387.6	386.1	387.6	389.1	388.4	389.1	388.8
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	902.7	906.5	905.0	899.6	901.9	906.5	911.1	917.3	921.1	924.2	925.7
5°	849.7	856.6	855.0	855.0	858.1	865.8	873.5	886.5	891.1	896.5	904.2
7.5°	802.8	808.2	812.8	814.3	818.9	828.9	838.9	853.5	865.0	871.2	875.8
10°	761.3	765.2	772.1	775.9	780.5	792.8	807.4	822.8	834.3	845.0	851.2
12.5°	708.3	723.7	732.9	739.0	745.2	763.6	775.1	792.0	805.9	815.9	825.1
15°	649.1	667.6	673.0	696.8	712.1	726.7	744.4	764.4	777.4	789.0	801.3
17.5°	599.2	612.3	618.4	643.8	656.8	679.9	705.2	730.6	750.6	759.0	771.3
20°	567.7	574.6	586.9	595.4	609.2	636.1	663.7	694.5	724.4	732.9	745.2
22.5°	535.5	544.7	553.1	564.6	575.4	593.8	621.5	655.3	687.6	702.9	717.5
25°	506.3	515.5	520.9	533.1	543.1	561.6	580.8	615.3	653.8	666.8	689.9
27.5°	483.2	488.6	497.8	503.2	514.7	531.6	549.3	575.4	613.0	635.3	657.6
30°	460.2	464.0	471.7	479.4	487.8	499.3	519.3	544.7	579.2	598.4	620.7
32.5°	437.1	443.3	447.9	453.3	462.5	476.3	490.1	514.7	542.4	563.9	586.2
35°	417.9	420.2	426.4	432.5	438.7	450.9	465.5	489.4	513.9	530.8	550.8
37.5°	397.2	401.0	405.6	407.9	417.9	425.6	441.0	459.4	488.6	499.3	519.3
40°	381.0	380.3	384.9	388.7	393.3	405.6	414.8	434.8	457.9	474.8	487.1
42.5°	361.1	361.1	362.6	367.2	373.4	381.0	391.8	408.7	432.5	444.8	459.4
45°	344.9	342.6	343.4	346.5	350.3	358.0	368.7	383.3	407.2	417.1	432.5
47.5°	325.7	323.4	323.4	326.5	329.6	334.9	343.4	360.3	379.5	392.6	404.1
50°	304.2	305.0	304.2	306.5	308.1	313.4	322.7	336.5	354.2	364.9	378.0
52.5°	284.2	282.7	281.9	283.5	286.5	290.4	300.4	312.7	329.6	340.3	351.8
55°	259.7	261.2	261.2	261.2	265.8	267.3	275.0	287.3	304.2	312.7	323.4
57.5°	237.4	236.6	238.1	237.4	241.2	246.6	252.7	262.0	278.9	287.3	297.3
60°	212.8	213.6	214.3	214.3	217.4	222.8	229.7	238.1	252.0	260.4	269.6
62.5°	182.8	186.7	190.5	192.1	196.7	200.5	205.1	214.3	226.6	232.8	241.2
65°	154.4	159.8	165.2	169.0	172.1	175.9	182.1	190.5	200.5	206.7	215.1
67.5°	129.8	133.7	140.6	144.4	150.6	155.2	159.0	165.9	178.2	180.5	187.4
70°	112.2	113.7	116.8	119.8	126.8	130.6	135.2	142.1	151.3	156.7	160.6
72.5°	94.5	95.3	96.8	99.9	102.9	107.6	112.9	119.1	127.5	129.8	135.2
75°	75.3	79.9	79.9	82.2	84.5	86.8	91.4	97.6	102.9	106.8	109.9
77.5°	56.1	58.4	59.9	63.8	66.8	69.1	72.2	76.8	79.9	83.0	85.3
80°	43.8	44.6	45.3	45.3	46.9	49.9	53.0	56.1	59.9	61.5	63.8
82.5°	32.3	32.3	32.3	33.8	34.6	35.3	35.3	36.9	40.7	42.3	44.6
85°	20.7	20.7	20.7	20.7	21.5	22.3	23.0	23.8	23.8	23.8	25.4
87.5°	8.5	10.0	9.2	10.0	10.0	10.0	10.0	10.8	10.8	11.5	11.5
90°	15.1	14.4	13.6	12.9	13.6	12.1	10.6	10.6	6.1	6.1	6.1
92.5°	107.5	136.3	182.4	246.8	296.8	259.7	188.5	115.1	68.1	58.3	48.5
95°	342.2	443.6	561.0	634.4	617.0	465.6	284.6	160.5	94.6	78.7	62.8
97.5°	666.2	749.5	807.8	795.7	660.1	445.9	259.7	152.9	100.7	87.1	73.4
100°	891.0	928.1	913.0	802.5	608.7	395.2	240.7	155.2	110.5	98.4	86.3
102.5°	1020.5	997.8	907.7	745.7	544.3	361.1	235.4	162.8	123.4	112.0	100.7
105°	1053.8	978.9	847.9	674.5	496.6	344.5	238.5	175.6	139.3	128.3	117.3
107.5°	1020.5	916.0	774.5	616.2	465.6	339.9	247.6	189.3	156.0	145.0	134.0
110°	950.1	840.3	709.3	574.6	451.2	341.4	258.2	205.2	171.8	161.6	151.4

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	875.9	773.7	661.7	551.1	444.4	346.0	269.5	220.3	188.5	178.3	168.1
115°	814.6	726.0	632.9	538.3	442.9	352.0	281.6	236.2	205.9	195.7	185.5
117.5°	766.9	695.0	616.2	531.4	442.1	358.1	293.7	251.3	222.6	212.0	201.4
120°	736.6	676.0	605.6	526.1	442.1	364.9	306.6	267.2	238.5	227.9	217.3
122.5°	717.7	663.9	596.5	520.1	441.4	371.7	318.7	282.4	253.6	243.4	233.2
125°	703.3	651.1	585.9	513.3	440.6	378.5	330.8	296.0	268.7	258.2	247.6
127.5°	688.9	636.7	573.8	504.2	439.1	383.8	341.4	308.9	282.4	271.8	261.2
130°	670.0	618.5	558.7	495.9	438.3	389.9	351.3	321.7	296.0	285.0	274.0
132.5°	648.0	598.1	542.8	488.3	437.6	395.2	361.1	332.3	306.6	296.4	286.2
135°	623.8	577.6	528.4	480.7	436.8	400.5	369.4	342.2	317.2	307.4	297.5
137.5°	598.1	557.9	514.8	473.9	436.8	403.5	375.5	349.8	326.3	316.8	307.4
140°	573.1	539.0	503.4	468.6	436.1	407.3	381.5	357.3	334.6	325.5	316.4
142.5°	551.1	523.1	492.8	464.1	436.1	410.3	386.1	364.1	342.2	333.5	324.8
145°	531.4	508.7	483.0	458.8	434.5	411.1	389.1	368.7	349.0	340.6	332.3
147.5°	514.8	495.9	474.7	454.2	432.3	411.8	392.1	374.0	355.1	347.5	339.9
150°	499.6	484.5	467.1	448.9	430.0	411.8	394.4	377.8	361.1	353.9	346.7
152.5°	486.8	473.2	458.8	442.9	426.2	410.3	395.9	380.8	366.4	360.0	353.5
155°	473.9	462.6	450.4	436.8	422.4	408.8	396.7	383.8	371.0	365.3	359.6
157.5°	461.8	452.0	441.4	430.8	418.6	407.3	396.7	386.1	374.7	370.2	365.7
160°	449.7	441.4	433.0	423.9	414.1	405.0	396.7	387.6	378.5	374.4	370.2
162.5°	437.6	431.5	424.7	417.9	409.6	402.7	396.7	389.1	380.8	377.8	374.7
165°	427.0	421.7	417.1	411.1	405.0	399.7	395.2	389.1	382.3	380.0	377.8
167.5°	417.9	413.3	409.6	405.0	400.5	396.7	393.7	389.1	383.8	381.9	380.0
170°	408.0	405.0	402.7	399.0	395.9	393.7	392.1	388.4	384.6	383.5	382.3
172.5°	399.7	398.2	396.7	393.7	391.4	390.6	390.6	387.6	385.3	384.6	383.8
175°	393.7	392.1	391.4	389.9	388.4	388.4	389.1	386.8	385.3	385.3	385.3
177.5°	388.4	388.4	387.6	386.8	386.1	386.1	387.6	386.1	385.3	385.3	385.3
180°	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3	385.3

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	953.4	953.4	953.4	953.4
2.5°	931.9	936.5	944.1	954.9
5°	910.3	923.4	935.7	951.8
7.5°	891.1	906.5	923.4	946.5
10°	868.9	888.1	909.6	938.0
12.5°	842.7	869.6	894.2	924.9
15°	823.5	843.5	875.0	911.1
17.5°	796.6	823.5	855.0	895.8
20°	771.3	799.7	835.1	877.3
22.5°	744.4	776.7	812.0	857.3
25°	716.8	751.3	786.7	835.1
27.5°	691.4	722.9	762.8	812.0
30°	660.7	696.8	735.2	786.7
32.5°	630.7	668.4	707.5	759.0
35°	598.4	636.1	679.1	728.3
37.5°	566.9	608.4	647.6	695.2
40°	532.4	575.4	616.1	664.5
42.5°	498.6	543.1	583.9	625.3
45°	467.1	510.9	547.7	586.9
47.5°	437.1	476.3	513.9	549.3
50°	407.9	441.0	475.5	504.7
52.5°	377.2	408.7	436.4	462.5
55°	349.5	374.1	398.7	422.5
57.5°	316.5	341.1	362.6	381.0
60°	288.9	304.2	325.0	344.2
62.5°	257.4	275.0	291.2	303.4
65°	226.6	242.0	254.3	265.0
67.5°	200.5	209.7	218.9	230.5
70°	169.0	176.7	187.4	195.9
72.5°	142.1	148.3	153.6	163.6
75°	115.2	120.6	123.7	132.9
77.5°	89.1	94.5	96.8	102.2
80°	68.4	69.1	72.2	76.8
82.5°	46.9	48.4	49.2	53.0
85°	26.9	30.7	30.0	31.5
87.5°	11.5	12.3	13.8	15.4
90°	5.3	4.5	2.3	0.8
92.5°	34.8	23.5	15.1	10.6
95°	44.7	34.8	27.3	25.0
97.5°	57.5	48.5	41.6	41.6
100°	71.9	62.8	57.5	57.5
102.5°	87.1	78.7	74.2	72.7
105°	103.7	94.6	90.8	88.6
107.5°	121.1	111.3	107.5	106.0
110°	137.8	128.7	124.9	123.4

TEST NUMBER: P1026501

CATALOG NUMBER: S124RDIP-B575D810UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	154.4	146.1	141.6	140.1
115°	171.1	163.5	158.2	156.0
117.5°	187.7	179.4	174.9	172.6
120°	204.4	196.1	190.8	189.3
122.5°	218.8	211.2	205.9	204.4
125°	233.2	224.8	220.3	217.3
127.5°	246.0	237.0	231.7	229.4
130°	259.7	248.3	242.3	239.2
132.5°	270.3	259.7	251.3	249.1
135°	281.6	268.7	261.2	258.2
137.5°	290.7	278.6	270.3	267.2
140°	300.5	287.7	279.3	277.1
142.5°	309.6	297.5	289.9	287.7
145°	318.0	307.4	299.8	297.5
147.5°	327.8	316.4	309.6	308.9
150°	335.4	326.3	320.2	319.5
152.5°	343.7	335.4	329.3	329.3
155°	351.3	343.7	339.2	338.4
157.5°	358.1	352.0	347.5	347.5
160°	364.1	358.8	355.8	355.8
162.5°	369.4	364.9	362.6	363.4
165°	374.0	370.2	368.7	368.7
167.5°	377.8	374.7	374.0	374.7
170°	380.8	378.5	377.8	378.5
172.5°	383.1	381.5	381.5	382.3
175°	384.6	383.8	383.8	384.6
177.5°	385.3	384.6	385.3	386.1
180°	385.3	385.3	385.3	385.3

(END OF REPORT)