

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P331687-927

Luminaire Tested: **S122RDIP-S675D725U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331687-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIP-S675D725U927-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 725 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4308.2 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

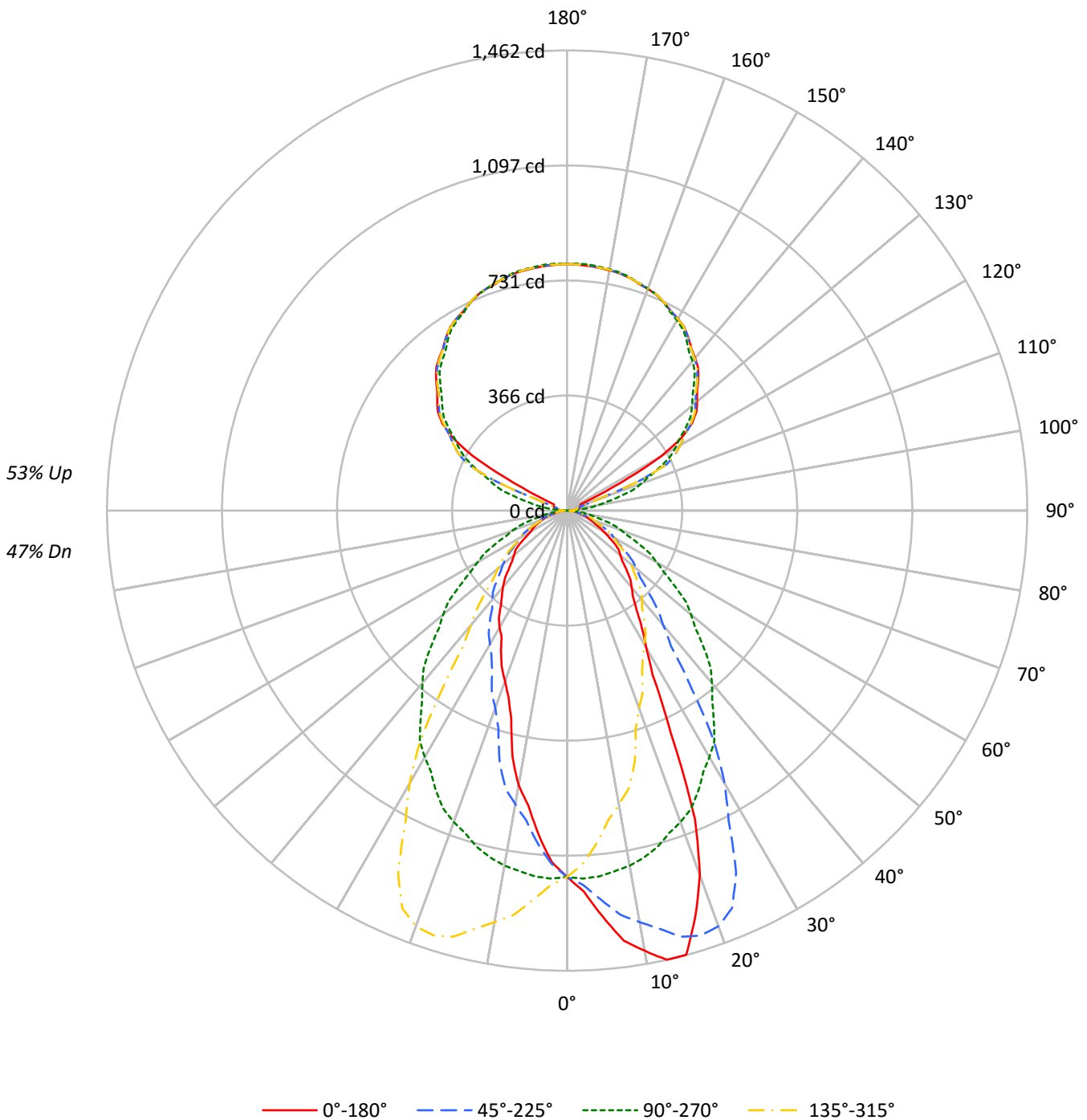
Input Watts (W): 45.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	0
RCR																		
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53	47
1	98	94	90	87	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	90	83	77	72	82	76	71	67	64	61	58	53	51	49	43	42	40	35
3	82	73	67	61	75	68	62	57	58	53	50	48	45	42	39	37	35	31
4	76	66	58	52	69	61	54	49	52	47	43	43	40	37	35	33	31	27
5	70	59	51	45	64	55	48	43	47	42	38	39	35	33	32	30	28	24
6	65	53	45	40	59	49	43	38	42	37	33	36	32	29	30	27	25	22
7	60	48	41	35	55	45	38	33	39	33	30	33	29	26	27	25	22	20
8	56	44	37	32	51	41	35	30	36	30	27	30	26	23	25	22	20	18
9	52	40	33	28	48	38	31	27	33	28	24	28	24	21	24	21	19	16
10	49	37	30	26	45	35	29	24	30	25	22	26	22	20	22	19	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	18791	18791	18791	18791
5°	20985	18908	16765	18908
10°	23282	18775	14532	18775
15°	24428	18501	11450	18501
20°	21179	18093	9907	18093
25°	13890	17533	8845	17533
30°	9350	16858	8006	16858
35°	7571	16005	7222	16005
40°	6734	15076	6681	15076
45°	6094	13988	5966	13988
50°	5546	12911	5526	12911
55°	5213	11713	5146	11713
60°	4363	10618	4308	10618
65°	3679	9639	4172	9639
70°	3399	8611	3932	8611
75°	3175	7492	3631	7492
80°	2929	6165	3236	6165
85°	2705	4872	2853	4872



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.3	2.6
10°-20°	307.4	7.1
20°-30°	396.1	9.2
30°-40°	376.4	8.7
40°-50°	322.5	7.5
50°-60°	245.6	5.7
60°-70°	155.2	3.6
70°-80°	77.5	1.8
80°-90°	22.1	0.5
90°-100°	26.1	0.6
100°-110°	95.8	2.2
110°-120°	256.1	5.9
120°-130°	422.7	9.8
130°-140°	449.6	10.4
140°-150°	417.8	9.7
150°-160°	335.9	7.8
160°-170°	216.5	5.0
170°-180°	74.5	1.7
0°-30°	813.8	18.9
0°-40°	1190.3	27.6
0°-60°	1758.3	40.8
0°-90°	2013.2	46.7
90°-120°	378.0	8.8
90°-150°	1668.1	38.7
90°-180°	2295.0	53.3
0°-180°	4308.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1164	1164	1164	1164	1164	
5°	1295	1167	1034	1167	1295	128
15°	1461	1107	685	1107	1461	394
25°	780	984	496	984	780	370
35°	384	812	366	812	384	246
45°	267	613	261	613	267	207
55°	185	416	183	416	185	163
65°	96	252	109	252	96	98
75°	51	120	58	120	51	54
85°	15	26	15	26	15	16
90°	15	1	15	1	15	7
95°	24	37	24	37	24	23
105°	43	172	43	172	43	45
115°	46	326	46	326	46	116
125°	484	461	484	461	484	419
135°	589	570	589	570	589	454
145°	672	661	672	661	672	420
155°	729	728	729	728	729	336
165°	766	767	766	767	766	216
175°	780	785	780	785	780	74
180°	783	783	783	783	783	



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1211.0	1212.0	1213.0	1210.7	1210.7	1208.7	1204.5	1201.3	1192.2	1191.0	1191.0
5°	1294.8	1294.0	1295.6	1290.4	1283.1	1281.4	1273.7	1263.7	1253.2	1241.4	1239.0
7.5°	1378.1	1376.9	1373.6	1372.8	1367.1	1354.9	1342.6	1329.4	1311.9	1294.9	1286.3
10°	1420.1	1433.5	1425.4	1411.3	1414.1	1395.1	1385.0	1367.6	1353.0	1327.5	1321.9
12.5°	1461.6	1466.8	1464.3	1456.2	1452.5	1439.4	1425.8	1410.6	1383.8	1360.9	1341.0
15°	1461.4	1469.1	1471.1	1468.7	1470.7	1469.9	1462.6	1450.1	1426.6	1401.5	1379.7
17.5°	1353.5	1358.8	1372.1	1381.1	1392.4	1416.3	1428.1	1432.7	1429.3	1415.0	1399.6
20°	1232.6	1223.6	1260.8	1279.8	1296.0	1336.4	1371.2	1384.6	1406.0	1405.6	1401.5
22.5°	1061.0	1063.2	1098.4	1121.0	1168.2	1208.6	1248.3	1298.5	1340.0	1367.4	1383.5
25°	779.7	795.0	830.2	860.9	913.5	988.7	1057.0	1136.3	1211.1	1270.1	1326.4
27.5°	585.5	586.7	614.6	642.9	674.1	735.8	821.8	916.5	1023.1	1111.1	1212.4
30°	501.5	499.0	510.7	528.1	554.8	602.5	667.2	760.3	866.6	999.2	1117.3
32.5°	441.9	442.0	450.9	463.7	485.9	518.1	562.4	637.9	738.5	868.9	1007.3
35°	384.1	383.7	390.2	399.5	408.8	429.4	459.8	499.4	568.5	690.2	831.8
37.5°	342.8	344.5	347.7	353.5	363.8	375.3	393.5	420.1	469.3	541.3	660.3
40°	319.5	320.3	324.7	329.5	335.6	344.5	359.5	380.9	416.9	474.4	561.3
42.5°	298.1	298.9	302.1	306.6	311.3	320.3	332.6	351.2	380.3	425.2	496.9
45°	266.9	266.9	269.7	271.7	277.0	285.1	295.2	310.5	330.8	363.9	411.6
47.5°	237.6	237.7	239.6	243.0	246.4	252.6	262.6	275.1	289.9	315.5	356.2
50°	220.8	221.2	222.4	225.2	227.3	232.9	240.6	251.5	266.9	286.7	320.7
52.5°	207.2	206.9	208.5	209.7	211.1	215.2	220.9	230.5	244.2	261.5	289.6
55°	185.2	183.5	186.0	188.1	189.3	190.8	194.1	200.2	211.9	226.5	247.5
57.5°	157.7	157.1	158.8	160.7	164.5	168.8	171.5	175.4	181.5	191.9	212.8
60°	135.1	135.1	138.7	139.9	144.3	150.0	155.7	158.9	165.0	171.8	187.2
62.5°	115.0	115.3	117.0	118.3	120.7	127.7	135.6	142.8	148.5	155.0	165.2
65°	96.3	97.0	97.0	97.8	99.5	101.1	104.3	110.0	120.1	129.4	137.0
67.5°	81.7	81.9	82.1	82.9	83.4	85.2	86.4	89.0	91.3	100.1	109.6
70°	72.0	73.2	72.8	73.6	74.0	74.8	76.4	77.6	81.3	83.3	89.0
72.5°	62.9	63.8	63.7	64.2	65.3	65.4	66.7	68.0	70.3	72.0	75.0
75°	50.9	50.5	50.9	51.7	52.1	52.6	52.6	54.2	55.4	57.0	59.0
77.5°	39.3	39.7	39.6	39.7	39.8	40.5	40.4	41.2	42.4	43.2	44.1
80°	31.5	31.9	31.5	31.9	32.3	32.7	32.3	32.7	34.0	34.8	34.8
82.5°	24.4	24.5	24.7	24.8	24.9	25.0	25.6	25.7	26.5	26.4	26.7
85°	14.6	14.2	14.2	14.2	14.6	15.0	14.6	14.6	15.0	15.0	15.0
87.5°	8.2	8.5	8.5	8.4	8.4	8.2	8.2	8.3	7.9	8.1	7.5
90°	15.3	15.1	14.8	14.6	14.3	13.9	13.2	12.6	12.0	11.3	10.3
92.5°	15.3	15.1	15.0	14.8	14.7	14.4	14.1	13.8	13.5	13.2	12.7
95°	24.4	24.5	24.6	24.7	24.9	24.6	24.0	23.4	22.7	22.1	21.2
97.5°	32.6	32.4	32.2	32.1	31.9	31.6	31.1	30.6	30.1	29.5	27.6
100°	37.9	37.7	37.5	37.2	37.0	36.4	35.3	34.3	33.3	32.3	30.2
102.5°	40.7	40.3	40.0	39.6	39.3	38.4	37.2	35.8	34.5	33.2	31.1
105°	43.1	42.5	42.1	41.6	41.0	40.1	38.7	37.3	36.0	34.5	32.9
107.5°	44.3	43.8	43.3	42.8	42.3	42.8	44.1	45.6	47.0	48.4	49.6
110°	44.8	44.3	43.7	43.3	42.8	48.8	61.4	74.0	86.6	99.2	135.5



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	45.2	44.8	44.4	44.0	43.6	66.4	112.3	158.3	204.2	250.1	259.1
115°	46.5	55.5	64.6	73.7	82.7	116.5	174.8	233.1	291.4	349.7	346.5
117.5°	189.7	219.5	249.3	279.1	308.9	330.8	344.9	359.1	373.2	387.3	385.1
120°	345.7	362.7	379.7	396.6	413.7	421.4	419.9	418.4	416.8	415.3	413.1
122.5°	431.3	434.7	437.9	441.2	444.6	445.8	444.8	443.9	443.0	442.1	439.7
125°	484.5	484.1	483.8	483.4	483.0	482.4	481.5	480.6	479.7	478.9	476.4
127.5°	518.1	518.0	517.9	517.8	517.8	517.1	515.8	514.5	513.3	511.9	510.2
130°	538.9	539.0	539.2	539.3	539.4	538.8	537.4	536.0	534.6	533.2	531.9
132.5°	559.3	559.4	559.6	559.7	559.8	559.3	558.1	556.9	555.7	554.5	553.2
135°	588.7	589.0	589.3	589.5	589.8	589.3	588.0	586.8	585.5	584.2	583.1
137.5°	615.6	616.1	616.5	617.0	617.3	617.0	615.7	614.5	613.2	612.0	610.7
140°	632.4	633.0	633.7	634.3	634.9	634.7	633.5	632.4	631.3	630.2	628.8
142.5°	648.7	649.4	650.0	650.6	651.3	651.0	650.0	649.0	647.9	646.9	645.3
145°	671.5	672.2	672.8	673.4	674.0	673.9	673.0	672.2	671.3	670.3	668.2
147.5°	691.6	692.1	692.6	693.2	693.7	693.6	693.0	692.3	691.7	691.0	688.9
150°	703.8	704.4	705.0	705.7	706.3	706.2	705.5	704.7	704.0	703.2	701.2
152.5°	714.2	715.1	715.9	716.8	717.6	717.6	716.8	716.1	715.3	714.5	712.6
155°	728.7	729.8	730.8	731.7	732.8	732.9	732.1	731.4	730.6	729.8	728.3
157.5°	742.0	743.0	743.9	745.0	745.9	746.0	745.1	744.3	743.5	742.6	741.5
160°	749.7	750.6	751.5	752.3	753.2	753.3	752.6	751.8	751.1	750.3	749.5
162.5°	756.1	757.2	758.2	759.3	760.4	760.5	759.6	758.8	758.0	757.1	756.5
165°	765.6	766.4	767.3	768.3	769.1	769.1	768.3	767.3	766.4	765.6	765.2
167.5°	771.6	772.7	773.9	775.0	776.1	776.3	775.4	774.5	773.6	772.7	772.4
170°	775.2	776.3	777.4	778.6	779.7	779.9	779.0	778.1	777.2	776.3	776.1
172.5°	777.9	779.0	780.2	781.3	782.4	782.6	781.7	780.9	780.0	779.0	778.8
175°	780.3	781.6	782.8	784.1	785.4	785.5	784.7	783.8	782.9	782.0	781.7
177.5°	781.8	782.7	783.6	784.5	785.4	785.5	784.8	784.1	783.4	782.7	782.6
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1191.6	1189.0	1186.8	1180.9	1178.1	1171.6	1170.6	1170.3	1161.8	1153.7	1151.5
5°	1232.6	1226.1	1216.3	1205.0	1193.3	1181.1	1173.1	1166.6	1150.4	1135.0	1126.2
7.5°	1273.7	1259.9	1243.1	1221.7	1203.8	1183.8	1168.9	1155.6	1132.6	1110.6	1095.7
10°	1304.5	1281.8	1259.6	1230.1	1207.0	1184.4	1163.4	1145.2	1119.3	1090.2	1069.5
12.5°	1323.6	1298.7	1268.0	1239.1	1209.3	1180.5	1152.4	1129.0	1098.6	1068.5	1044.0
15°	1349.4	1322.7	1285.5	1244.3	1205.9	1168.2	1135.9	1106.8	1067.1	1031.2	1001.2
17.5°	1370.5	1333.8	1293.8	1246.1	1201.7	1153.8	1112.1	1075.0	1030.9	987.5	952.2
20°	1377.3	1340.9	1294.8	1247.1	1194.5	1138.3	1093.4	1053.0	1005.7	958.4	917.9
22.5°	1373.1	1344.8	1293.5	1236.4	1182.6	1123.7	1073.0	1026.1	973.7	925.3	878.5
25°	1344.6	1334.8	1286.3	1224.0	1162.6	1094.2	1035.6	984.2	924.4	872.7	821.7
27.5°	1277.9	1298.9	1268.8	1202.5	1134.2	1060.9	995.0	936.5	874.4	816.2	765.4
30°	1213.9	1262.0	1249.1	1187.6	1111.2	1039.3	965.3	904.2	837.9	778.0	727.9
32.5°	1126.2	1205.8	1218.4	1167.0	1087.9	1008.8	931.3	870.5	801.3	738.2	689.4
35°	986.7	1105.6	1160.2	1127.4	1048.1	962.8	882.7	812.0	742.4	680.2	631.6
37.5°	820.1	982.1	1073.0	1075.4	1002.6	913.9	826.7	756.5	685.2	624.1	571.6
40°	712.1	887.6	1006.1	1032.4	970.9	875.0	786.9	715.3	645.8	585.9	525.7
42.5°	615.1	789.9	935.6	981.3	932.4	837.2	748.8	673.9	606.3	549.7	488.1
45°	497.4	650.2	810.8	892.5	865.4	777.2	683.8	612.6	549.1	500.2	441.2
47.5°	419.5	527.3	682.6	793.1	792.7	712.2	620.3	552.2	493.3	447.4	399.6
50°	375.3	469.1	600.5	725.9	736.3	668.8	581.5	514.0	459.0	410.8	372.4
52.5°	335.5	412.8	530.9	651.1	681.0	622.6	537.8	475.5	422.1	377.9	344.9
55°	283.4	343.3	433.1	545.5	590.8	549.5	474.4	416.1	372.8	335.6	307.3
57.5°	239.8	284.7	356.7	447.3	499.9	474.0	411.9	364.6	327.6	294.0	271.6
60°	212.3	249.1	310.1	385.8	444.0	425.8	372.8	328.8	297.2	268.1	247.1
62.5°	186.4	218.0	270.4	331.8	385.2	377.6	334.3	297.4	269.7	243.2	225.4
65°	150.0	173.1	213.9	262.1	304.9	308.6	277.4	252.3	227.7	206.6	190.8
67.5°	119.5	134.5	163.3	203.8	235.9	247.4	228.4	209.2	189.6	173.4	159.7
70°	100.7	112.8	133.9	166.6	196.1	208.3	197.3	182.4	165.4	152.0	140.3
72.5°	81.6	93.4	108.9	132.9	158.3	171.3	167.5	156.9	143.1	132.0	120.9
75°	61.5	65.1	75.7	91.8	111.6	122.9	125.8	120.1	109.2	100.7	94.2
77.5°	45.5	47.6	52.7	61.2	74.1	84.2	88.3	87.7	80.2	75.2	69.2
80°	36.4	37.6	40.0	43.6	53.4	63.5	66.3	66.3	61.1	59.0	53.0
82.5°	27.6	28.5	30.0	32.0	36.5	45.4	48.6	49.2	45.9	43.2	38.4
85°	15.8	15.4	16.2	17.3	18.2	20.6	25.5	26.3	25.5	22.3	21.0
87.5°	7.4	7.4	7.3	6.7	6.7	6.8	8.2	9.5	8.5	7.8	7.4
90°	9.3	8.3	7.3	6.1	4.8	3.3	2.0	0.6	2.0	3.3	4.8
92.5°	12.1	11.6	11.2	10.9	11.1	11.2	11.3	11.4	11.3	11.2	11.1
95°	20.4	19.5	18.5	20.2	24.4	28.5	32.7	36.8	32.7	28.5	24.4
97.5°	25.5	23.4	21.4	26.2	37.9	49.7	61.4	73.1	61.4	49.7	37.9
100°	28.0	25.9	23.8	31.3	48.6	65.8	83.0	100.3	83.0	65.8	48.6
102.5°	69.0	86.9	104.8	115.6	119.3	122.9	126.6	130.2	126.6	122.9	119.3
105°	103.3	137.7	172.1	187.4	183.6	179.8	176.0	172.3	176.0	179.8	183.6
107.5°	130.9	172.1	213.3	232.4	229.3	226.3	223.2	220.2	223.2	226.3	229.3
110°	172.0	208.3	244.7	261.6	259.0	256.4	253.7	251.0	253.7	256.4	259.0



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	268.1	277.1	286.1	289.4	287.1	284.7	282.4	280.0	282.4	284.7	287.1
115°	343.3	340.2	337.1	334.4	332.2	330.1	328.0	325.8	328.0	330.1	332.2
117.5°	382.9	380.8	378.6	376.3	373.9	371.5	369.2	366.8	369.2	371.5	373.9
120°	410.8	408.6	406.3	404.3	402.3	400.4	398.5	396.6	398.5	400.4	402.3
122.5°	437.2	434.7	432.2	430.0	428.0	426.0	424.1	422.1	424.1	426.0	428.0
125°	474.0	471.7	469.3	467.2	465.6	464.0	462.3	460.7	462.3	464.0	465.6
127.5°	508.3	506.6	504.8	503.0	501.1	499.4	497.6	495.7	497.6	499.4	501.1
130°	530.4	529.1	527.7	526.0	523.9	522.0	520.0	517.9	520.0	522.0	523.9
132.5°	551.8	550.4	549.0	547.5	545.7	544.1	542.3	540.6	542.3	544.1	545.7
135°	581.9	580.8	579.7	578.1	576.2	574.1	572.1	570.1	572.1	574.1	576.2
137.5°	609.4	608.2	606.9	605.5	604.1	602.7	601.3	599.9	601.3	602.7	604.1
140°	627.4	626.0	624.6	623.4	622.4	621.4	620.4	619.4	620.4	621.4	622.4
142.5°	643.7	642.1	640.6	639.3	638.4	637.5	636.6	635.7	636.6	637.5	638.4
145°	666.1	663.9	661.8	660.8	660.9	661.1	661.2	661.3	661.2	661.1	660.9
147.5°	686.7	684.7	682.5	681.8	682.2	682.7	683.2	683.7	683.2	682.7	682.2
150°	699.2	697.2	695.2	694.6	695.5	696.4	697.3	698.2	697.3	696.4	695.5
152.5°	710.7	708.8	706.9	706.5	707.4	708.4	709.4	710.3	709.4	708.4	707.4
155°	726.8	725.3	723.8	723.7	724.8	725.9	727.1	728.2	727.1	725.9	724.8
157.5°	740.5	739.4	738.3	738.3	739.3	740.2	741.2	742.1	741.2	740.2	739.3
160°	748.8	748.0	747.3	747.3	748.0	748.8	749.5	750.3	749.5	748.8	748.0
162.5°	755.7	755.1	754.5	754.5	755.3	756.1	756.8	757.6	756.8	756.1	755.3
165°	764.9	764.5	764.1	764.2	765.0	765.8	766.5	767.3	766.5	765.8	765.0
167.5°	772.0	771.7	771.3	771.5	772.3	773.0	773.8	774.5	773.8	773.0	772.3
170°	775.9	775.6	775.3	775.6	776.3	777.1	777.8	778.6	777.8	777.1	776.3
172.5°	778.6	778.3	778.1	778.3	779.0	779.8	780.5	781.3	780.5	779.8	779.0
175°	781.5	781.3	781.0	781.3	782.2	783.1	783.9	784.8	783.9	783.1	782.2
177.5°	782.5	782.4	782.3	782.6	783.3	784.0	784.7	785.4	784.7	784.0	783.3
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1147.3	1145.0	1140.8	1134.3	1130.4	1123.6	1119.1	1121.7	1122.4	1121.7	1121.1
5°	1116.5	1107.9	1096.2	1084.9	1074.4	1063.1	1056.6	1053.8	1048.1	1044.9	1043.3
7.5°	1079.2	1064.5	1048.0	1028.3	1011.5	994.0	985.0	980.5	968.9	962.7	957.1
10°	1051.4	1028.3	1011.8	985.9	970.1	947.1	931.3	931.7	915.9	907.0	900.6
12.5°	1020.6	995.3	967.7	944.4	922.5	904.0	885.0	877.3	860.5	852.0	834.6
15°	969.7	940.2	911.1	879.5	857.3	828.5	801.1	767.5	740.4	716.9	710.5
17.5°	914.0	877.5	848.3	811.3	773.2	724.8	693.0	673.5	657.2	644.8	635.6
20°	875.8	838.7	807.6	751.7	700.4	667.7	644.2	629.2	612.2	598.9	591.6
22.5°	835.8	796.9	754.5	692.2	652.2	625.9	605.0	587.8	576.3	565.9	559.3
25°	778.8	736.3	666.4	623.5	591.2	563.7	549.1	538.6	526.5	512.3	505.9
27.5°	718.7	651.1	600.9	569.0	538.1	520.2	507.2	491.5	480.6	474.3	467.5
30°	673.7	606.2	567.0	532.2	510.3	490.5	475.2	466.3	455.7	444.8	440.4
32.5°	623.5	569.6	532.0	503.0	480.9	464.0	451.9	437.4	429.8	423.1	413.8
35°	561.3	520.5	486.1	462.6	441.6	427.9	413.7	405.2	391.4	385.8	382.1
37.5°	508.5	473.1	447.5	422.7	406.1	390.9	382.2	368.7	362.7	354.9	347.2
40°	478.8	444.0	419.3	399.1	380.5	369.2	358.3	347.4	338.4	334.9	325.5
42.5°	448.4	420.1	395.4	373.2	360.8	348.8	335.0	327.0	317.7	311.9	306.1
45°	406.4	381.4	360.3	342.1	328.4	315.8	306.9	293.6	288.4	276.6	271.7
47.5°	369.6	346.2	326.1	308.9	295.4	287.2	274.3	263.8	255.4	248.2	242.0
50°	343.3	323.9	304.5	289.1	277.0	265.3	251.9	246.7	233.7	230.0	226.5
52.5°	319.4	301.0	283.1	268.1	256.0	244.5	232.8	225.9	217.2	213.6	211.0
55°	285.9	268.1	251.1	237.7	225.6	213.9	206.6	198.1	194.1	191.2	188.1
57.5°	252.2	236.2	223.2	209.7	197.5	188.2	179.7	174.7	170.5	166.8	162.9
60°	230.9	215.6	203.8	191.2	178.7	171.0	164.6	158.5	153.7	148.0	146.4
62.5°	208.3	194.8	184.1	171.8	161.0	153.9	147.7	142.0	136.2	127.9	125.6
65°	177.1	166.6	155.3	145.2	135.5	128.6	119.7	113.2	110.8	110.0	109.6
67.5°	149.0	139.0	129.3	119.0	110.1	103.8	99.3	98.2	96.6	96.1	95.0
70°	130.2	120.9	111.2	101.5	93.0	91.8	90.2	88.6	86.5	85.7	84.9
72.5°	113.4	103.8	94.0	86.3	82.6	81.1	79.5	77.9	76.5	75.7	75.2
75°	86.9	78.0	71.6	68.8	66.7	65.5	63.1	61.9	61.1	59.8	59.4
77.5°	62.6	57.6	54.6	52.8	50.7	49.4	48.0	46.8	45.9	45.7	45.1
80°	47.7	45.3	43.3	40.9	40.0	38.4	38.0	36.8	37.2	36.0	36.0
82.5°	37.1	34.0	32.2	31.1	30.3	29.1	28.6	28.0	28.1	27.3	27.3
85°	19.0	18.2	17.3	16.6	16.6	15.4	15.8	15.4	15.4	14.6	14.2
87.5°	7.4	7.3	6.8	7.1	7.2	7.1	7.2	7.1	7.2	7.3	7.1
90°	6.1	7.3	8.3	9.3	10.3	11.3	12.0	12.6	13.2	13.9	14.3
92.5°	10.9	11.2	11.6	12.1	12.7	13.2	13.5	13.8	14.1	14.4	14.7
95°	20.2	18.5	19.5	20.4	21.2	22.1	22.7	23.4	24.0	24.6	24.9
97.5°	26.2	21.4	23.4	25.5	27.6	29.5	30.1	30.6	31.1	31.6	31.9
100°	31.3	23.8	25.9	28.0	30.2	32.3	33.3	34.3	35.3	36.4	37.0
102.5°	115.6	104.8	86.9	69.0	51.1	33.2	34.5	35.8	37.2	38.4	39.3
105°	187.4	172.1	137.7	103.3	68.9	34.5	36.0	37.3	38.7	40.1	41.0
107.5°	232.4	213.3	172.1	130.9	89.6	48.4	47.0	45.6	44.1	42.8	42.3
110°	261.6	244.7	208.3	172.0	135.5	99.2	86.6	74.0	61.4	48.8	42.8



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	289.4	286.1	277.1	268.1	259.1	250.1	204.2	158.3	112.3	66.4	43.6
115°	334.4	337.1	340.2	343.3	346.5	349.7	291.4	233.1	174.8	116.5	82.7
117.5°	376.3	378.6	380.8	382.9	385.1	387.3	373.2	359.1	344.9	330.8	308.9
120°	404.3	406.3	408.6	410.8	413.1	415.3	416.8	418.4	419.9	421.4	413.7
122.5°	430.0	432.2	434.7	437.2	439.7	442.1	443.0	443.9	444.8	445.8	444.6
125°	467.2	469.3	471.7	474.0	476.4	478.9	479.7	480.6	481.5	482.4	483.0
127.5°	503.0	504.8	506.6	508.3	510.2	511.9	513.3	514.5	515.8	517.1	517.8
130°	526.0	527.7	529.1	530.4	531.9	533.2	534.6	536.0	537.4	538.8	539.4
132.5°	547.5	549.0	550.4	551.8	553.2	554.5	555.7	556.9	558.1	559.3	559.8
135°	578.1	579.7	580.8	581.9	583.1	584.2	585.5	586.8	588.0	589.3	589.8
137.5°	605.5	606.9	608.2	609.4	610.7	612.0	613.2	614.5	615.7	617.0	617.3
140°	623.4	624.6	626.0	627.4	628.8	630.2	631.3	632.4	633.5	634.7	634.9
142.5°	639.3	640.6	642.1	643.7	645.3	646.9	647.9	649.0	650.0	651.0	651.3
145°	660.8	661.8	663.9	666.1	668.2	670.3	671.3	672.2	673.0	673.9	674.0
147.5°	681.8	682.5	684.7	686.7	688.9	691.0	691.7	692.3	693.0	693.6	693.7
150°	694.6	695.2	697.2	699.2	701.2	703.2	704.0	704.7	705.5	706.2	706.3
152.5°	706.5	706.9	708.8	710.7	712.6	714.5	715.3	716.1	716.8	717.6	717.6
155°	723.7	723.8	725.3	726.8	728.3	729.8	730.6	731.4	732.1	732.9	732.8
157.5°	738.3	738.3	739.4	740.5	741.5	742.6	743.5	744.3	745.1	746.0	745.9
160°	747.3	747.3	748.0	748.8	749.5	750.3	751.1	751.8	752.6	753.3	753.2
162.5°	754.5	754.5	755.1	755.7	756.5	757.1	758.0	758.8	759.6	760.5	760.4
165°	764.2	764.1	764.5	764.9	765.2	765.6	766.4	767.3	768.3	769.1	769.1
167.5°	771.5	771.3	771.7	772.0	772.4	772.7	773.6	774.5	775.4	776.3	776.1
170°	775.6	775.3	775.6	775.9	776.1	776.3	777.2	778.1	779.0	779.9	779.7
172.5°	778.3	778.1	778.3	778.6	778.8	779.0	780.0	780.9	781.7	782.6	782.4
175°	781.3	781.0	781.3	781.5	781.7	782.0	782.9	783.8	784.7	785.5	785.4
177.5°	782.6	782.3	782.4	782.5	782.6	782.7	783.4	784.1	784.8	785.5	785.4
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1117.5	1118.2	1117.2	1117.8	1117.2	1118.2	1117.5	1121.1	1121.7	1122.4	1121.7
5°	1041.2	1036.4	1035.6	1034.4	1035.6	1036.4	1041.2	1043.3	1044.9	1048.1	1053.8
7.5°	950.2	949.4	947.5	944.6	947.5	949.4	950.2	957.1	962.7	968.9	980.5
10°	891.6	889.6	889.2	886.4	889.2	889.6	891.6	900.6	907.0	915.9	931.7
12.5°	823.1	810.0	808.7	801.6	808.7	810.0	823.1	834.6	852.0	860.5	877.3
15°	700.8	698.4	690.2	685.0	690.2	698.4	700.8	710.5	716.9	740.4	767.5
17.5°	630.9	623.0	620.4	619.3	620.4	623.0	630.9	635.6	644.8	657.2	673.5
20°	585.9	578.7	577.4	576.6	577.4	578.7	585.9	591.6	598.9	612.2	629.2
22.5°	554.8	547.2	544.2	541.7	544.2	547.2	554.8	559.3	565.9	576.3	587.8
25°	501.8	499.0	497.4	496.5	497.4	499.0	501.8	505.9	512.3	526.5	538.6
27.5°	460.3	454.1	452.9	450.8	452.9	454.1	460.3	467.5	474.3	480.6	491.5
30°	436.7	434.7	431.9	429.4	431.9	434.7	436.7	440.4	444.8	455.7	466.3
32.5°	408.9	407.2	404.7	403.5	404.7	407.2	408.9	413.8	423.1	429.8	437.4
35°	378.1	372.4	370.0	366.4	370.0	372.4	378.1	382.1	385.8	391.4	405.2
37.5°	345.5	342.5	339.1	340.3	339.1	342.5	345.5	347.2	354.9	362.7	368.7
40°	320.3	318.2	317.4	317.0	317.4	318.2	320.3	325.5	334.9	338.4	347.4
42.5°	300.2	294.6	292.6	292.5	292.6	294.6	300.2	306.1	311.9	317.7	327.0
45°	269.7	264.4	260.8	261.3	260.8	264.4	269.7	271.7	276.6	288.4	293.6
47.5°	238.5	238.4	236.1	236.8	236.1	238.4	238.5	242.0	248.2	255.4	263.8
50°	223.6	221.2	219.6	220.0	219.6	221.2	223.6	226.5	230.0	233.7	246.7
52.5°	209.4	207.3	206.0	207.7	206.0	207.3	209.4	211.0	213.6	217.2	225.9
55°	186.0	183.5	183.2	182.8	183.2	183.5	186.0	188.1	191.2	194.1	198.1
57.5°	159.9	158.3	155.8	154.8	155.8	158.3	159.9	162.9	166.8	170.5	174.7
60°	141.1	137.9	133.9	133.4	133.9	137.9	141.1	146.4	148.0	153.7	158.5
62.5°	124.0	123.3	122.6	122.5	122.6	123.3	124.0	125.6	127.9	136.2	142.0
65°	108.8	108.4	108.8	109.2	108.8	108.4	108.8	109.6	110.0	110.8	113.2
67.5°	94.8	94.0	93.3	93.6	93.3	94.0	94.8	95.0	96.1	96.6	98.2
70°	84.1	83.7	83.3	83.3	83.3	83.7	84.1	84.9	85.7	86.5	88.6
72.5°	73.8	73.7	73.3	73.0	73.3	73.7	73.8	75.2	75.7	76.5	77.9
75°	59.0	58.2	58.2	58.2	58.2	58.2	59.0	59.4	59.8	61.1	61.9
77.5°	45.0	44.6	44.1	43.8	44.1	44.6	45.0	45.1	45.7	45.9	46.8
80°	35.6	35.2	34.8	34.8	34.8	35.2	35.6	36.0	36.0	37.2	36.8
82.5°	27.2	26.8	26.7	26.4	26.7	26.8	27.2	27.3	27.3	28.1	28.0
85°	14.6	15.0	14.6	15.4	14.6	15.0	14.6	14.2	14.6	15.4	15.4
87.5°	7.1	6.8	7.2	7.0	7.2	6.8	7.1	7.1	7.3	7.2	7.1
90°	14.6	14.8	15.1	15.3	15.1	14.8	14.6	14.3	13.9	13.2	12.6
92.5°	14.8	15.0	15.1	15.3	15.1	15.0	14.8	14.7	14.4	14.1	13.8
95°	24.7	24.6	24.5	24.4	24.5	24.6	24.7	24.9	24.6	24.0	23.4
97.5°	32.1	32.2	32.4	32.6	32.4	32.2	32.1	31.9	31.6	31.1	30.6
100°	37.2	37.5	37.7	37.9	37.7	37.5	37.2	37.0	36.4	35.3	34.3
102.5°	39.6	40.0	40.3	40.7	40.3	40.0	39.6	39.3	38.4	37.2	35.8
105°	41.6	42.1	42.5	43.1	42.5	42.1	41.6	41.0	40.1	38.7	37.3
107.5°	42.8	43.3	43.8	44.3	43.8	43.3	42.8	42.3	42.8	44.1	45.6
110°	43.3	43.7	44.3	44.8	44.3	43.7	43.3	42.8	48.8	61.4	74.0



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	44.0	44.4	44.8	45.2	44.8	44.4	44.0	43.6	66.4	112.3	158.3
115°	73.7	64.6	55.5	46.5	55.5	64.6	73.7	82.7	116.5	174.8	233.1
117.5°	279.1	249.3	219.5	189.7	219.5	249.3	279.1	308.9	330.8	344.9	359.1
120°	396.6	379.7	362.7	345.7	362.7	379.7	396.6	413.7	421.4	419.9	418.4
122.5°	441.2	437.9	434.7	431.3	434.7	437.9	441.2	444.6	445.8	444.8	443.9
125°	483.4	483.8	484.1	484.5	484.1	483.8	483.4	483.0	482.4	481.5	480.6
127.5°	517.8	517.9	518.0	518.1	518.0	517.9	517.8	517.8	517.1	515.8	514.5
130°	539.3	539.2	539.0	538.9	539.0	539.2	539.3	539.4	538.8	537.4	536.0
132.5°	559.7	559.6	559.4	559.3	559.4	559.6	559.7	559.8	559.3	558.1	556.9
135°	589.5	589.3	589.0	588.7	589.0	589.3	589.5	589.8	589.3	588.0	586.8
137.5°	617.0	616.5	616.1	615.6	616.1	616.5	617.0	617.3	617.0	615.7	614.5
140°	634.3	633.7	633.0	632.4	633.0	633.7	634.3	634.9	634.7	633.5	632.4
142.5°	650.6	650.0	649.4	648.7	649.4	650.0	650.6	651.3	651.0	650.0	649.0
145°	673.4	672.8	672.2	671.5	672.2	672.8	673.4	674.0	673.9	673.0	672.2
147.5°	693.2	692.6	692.1	691.6	692.1	692.6	693.2	693.7	693.6	693.0	692.3
150°	705.7	705.0	704.4	703.8	704.4	705.0	705.7	706.3	706.2	705.5	704.7
152.5°	716.8	715.9	715.1	714.2	715.1	715.9	716.8	717.6	717.6	716.8	716.1
155°	731.7	730.8	729.8	728.7	729.8	730.8	731.7	732.8	732.9	732.1	731.4
157.5°	745.0	743.9	743.0	742.0	743.0	743.9	745.0	745.9	746.0	745.1	744.3
160°	752.3	751.5	750.6	749.7	750.6	751.5	752.3	753.2	753.3	752.6	751.8
162.5°	759.3	758.2	757.2	756.1	757.2	758.2	759.3	760.4	760.5	759.6	758.8
165°	768.3	767.3	766.4	765.6	766.4	767.3	768.3	769.1	769.1	768.3	767.3
167.5°	775.0	773.9	772.7	771.6	772.7	773.9	775.0	776.1	776.3	775.4	774.5
170°	778.6	777.4	776.3	775.2	776.3	777.4	778.6	779.7	779.9	779.0	778.1
172.5°	781.3	780.2	779.0	777.9	779.0	780.2	781.3	782.4	782.6	781.7	780.9
175°	784.1	782.8	781.6	780.3	781.6	782.8	784.1	785.4	785.5	784.7	783.8
177.5°	784.5	783.6	782.7	781.8	782.7	783.6	784.5	785.4	785.5	784.8	784.1
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1119.1	1123.6	1130.4	1134.3	1140.8	1145.0	1147.3	1151.5	1153.7	1161.8	1170.3
5°	1056.6	1063.1	1074.4	1084.9	1096.2	1107.9	1116.5	1126.2	1135.0	1150.4	1166.6
7.5°	985.0	994.0	1011.5	1028.3	1048.0	1064.5	1079.2	1095.7	1110.6	1132.6	1155.6
10°	931.3	947.1	970.1	985.9	1011.8	1028.3	1051.4	1069.5	1090.2	1119.3	1145.2
12.5°	885.0	904.0	922.5	944.4	967.7	995.3	1020.6	1044.0	1068.5	1098.6	1129.0
15°	801.1	828.5	857.3	879.5	911.1	940.2	969.7	1001.2	1031.2	1067.1	1106.8
17.5°	693.0	724.8	773.2	811.3	848.3	877.5	914.0	952.2	987.5	1030.9	1075.0
20°	644.2	667.7	700.4	751.7	807.6	838.7	875.8	917.9	958.4	1005.7	1053.0
22.5°	605.0	625.9	652.2	692.2	754.5	796.9	835.8	878.5	925.3	973.7	1026.1
25°	549.1	563.7	591.2	623.5	666.4	736.3	778.8	821.7	872.7	924.4	984.2
27.5°	507.2	520.2	538.1	569.0	600.9	651.1	718.7	765.4	816.2	874.4	936.5
30°	475.2	490.5	510.3	532.2	567.0	606.2	673.7	727.9	778.0	837.9	904.2
32.5°	451.9	464.0	480.9	503.0	532.0	569.6	623.5	689.4	738.2	801.3	870.5
35°	413.7	427.9	441.6	462.6	486.1	520.5	561.3	631.6	680.2	742.4	812.0
37.5°	382.2	390.9	406.1	422.7	447.5	473.1	508.5	571.6	624.1	685.2	756.5
40°	358.3	369.2	380.5	399.1	419.3	444.0	478.8	525.7	585.9	645.8	715.3
42.5°	335.0	348.8	360.8	373.2	395.4	420.1	448.4	488.1	549.7	606.3	673.9
45°	306.9	315.8	328.4	342.1	360.3	381.4	406.4	441.2	500.2	549.1	612.6
47.5°	274.3	287.2	295.4	308.9	326.1	346.2	369.6	399.6	447.4	493.3	552.2
50°	251.9	265.3	277.0	289.1	304.5	323.9	343.3	372.4	410.8	459.0	514.0
52.5°	232.8	244.5	256.0	268.1	283.1	301.0	319.4	344.9	377.9	422.1	475.5
55°	206.6	213.9	225.6	237.7	251.1	268.1	285.9	307.3	335.6	372.8	416.1
57.5°	179.7	188.2	197.5	209.7	223.2	236.2	252.2	271.6	294.0	327.6	364.6
60°	164.6	171.0	178.7	191.2	203.8	215.6	230.9	247.1	268.1	297.2	328.8
62.5°	147.7	153.9	161.0	171.8	184.1	194.8	208.3	225.4	243.2	269.7	297.4
65°	119.7	128.6	135.5	145.2	155.3	166.6	177.1	190.8	206.6	227.7	252.3
67.5°	99.3	103.8	110.1	119.0	129.3	139.0	149.0	159.7	173.4	189.6	209.2
70°	90.2	91.8	93.0	101.5	111.2	120.9	130.2	140.3	152.0	165.4	182.4
72.5°	79.5	81.1	82.6	86.3	94.0	103.8	113.4	120.9	132.0	143.1	156.9
75°	63.1	65.5	66.7	68.8	71.6	78.0	86.9	94.2	100.7	109.2	120.1
77.5°	48.0	49.4	50.7	52.8	54.6	57.6	62.6	69.2	75.2	80.2	87.7
80°	38.0	38.4	40.0	40.9	43.3	45.3	47.7	53.0	59.0	61.1	66.3
82.5°	28.6	29.1	30.3	31.1	32.2	34.0	37.1	38.4	43.2	45.9	49.2
85°	15.8	15.4	16.6	16.6	17.3	18.2	19.0	21.0	22.3	25.5	26.3
87.5°	7.2	7.1	7.2	7.1	6.8	7.3	7.4	7.4	7.8	8.5	9.5
90°	12.0	11.3	10.3	9.3	8.3	7.3	6.1	4.8	3.3	2.0	0.6
92.5°	13.5	13.2	12.7	12.1	11.6	11.2	10.9	11.1	11.2	11.3	11.4
95°	22.7	22.1	21.2	20.4	19.5	18.5	20.2	24.4	28.5	32.7	36.8
97.5°	30.1	29.5	27.6	25.5	23.4	21.4	26.2	37.9	49.7	61.4	73.1
100°	33.3	32.3	30.2	28.0	25.9	23.8	31.3	48.6	65.8	83.0	100.3
102.5°	34.5	33.2	51.1	69.0	86.9	104.8	115.6	119.3	122.9	126.6	130.2
105°	36.0	34.5	68.9	103.3	137.7	172.1	187.4	183.6	179.8	176.0	172.3
107.5°	47.0	48.4	89.6	130.9	172.1	213.3	232.4	229.3	226.3	223.2	220.2
110°	86.6	99.2	135.5	172.0	208.3	244.7	261.6	259.0	256.4	253.7	251.0



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	204.2	250.1	259.1	268.1	277.1	286.1	289.4	287.1	284.7	282.4	280.0
115°	291.4	349.7	346.5	343.3	340.2	337.1	334.4	332.2	330.1	328.0	325.8
117.5°	373.2	387.3	385.1	382.9	380.8	378.6	376.3	373.9	371.5	369.2	366.8
120°	416.8	415.3	413.1	410.8	408.6	406.3	404.3	402.3	400.4	398.5	396.6
122.5°	443.0	442.1	439.7	437.2	434.7	432.2	430.0	428.0	426.0	424.1	422.1
125°	479.7	478.9	476.4	474.0	471.7	469.3	467.2	465.6	464.0	462.3	460.7
127.5°	513.3	511.9	510.2	508.3	506.6	504.8	503.0	501.1	499.4	497.6	495.7
130°	534.6	533.2	531.9	530.4	529.1	527.7	526.0	523.9	522.0	520.0	517.9
132.5°	555.7	554.5	553.2	551.8	550.4	549.0	547.5	545.7	544.1	542.3	540.6
135°	585.5	584.2	583.1	581.9	580.8	579.7	578.1	576.2	574.1	572.1	570.1
137.5°	613.2	612.0	610.7	609.4	608.2	606.9	605.5	604.1	602.7	601.3	599.9
140°	631.3	630.2	628.8	627.4	626.0	624.6	623.4	622.4	621.4	620.4	619.4
142.5°	647.9	646.9	645.3	643.7	642.1	640.6	639.3	638.4	637.5	636.6	635.7
145°	671.3	670.3	668.2	666.1	663.9	661.8	660.8	660.9	661.1	661.2	661.3
147.5°	691.7	691.0	688.9	686.7	684.7	682.5	681.8	682.2	682.7	683.2	683.7
150°	704.0	703.2	701.2	699.2	697.2	695.2	694.6	695.5	696.4	697.3	698.2
152.5°	715.3	714.5	712.6	710.7	708.8	706.9	706.5	707.4	708.4	709.4	710.3
155°	730.6	729.8	728.3	726.8	725.3	723.8	723.7	724.8	725.9	727.1	728.2
157.5°	743.5	742.6	741.5	740.5	739.4	738.3	738.3	739.3	740.2	741.2	742.1
160°	751.1	750.3	749.5	748.8	748.0	747.3	747.3	748.0	748.8	749.5	750.3
162.5°	758.0	757.1	756.5	755.7	755.1	754.5	754.5	755.3	756.1	756.8	757.6
165°	766.4	765.6	765.2	764.9	764.5	764.1	764.2	765.0	765.8	766.5	767.3
167.5°	773.6	772.7	772.4	772.0	771.7	771.3	771.5	772.3	773.0	773.8	774.5
170°	777.2	776.3	776.1	775.9	775.6	775.3	775.6	776.3	777.1	777.8	778.6
172.5°	780.0	779.0	778.8	778.6	778.3	778.1	778.3	779.0	779.8	780.5	781.3
175°	782.9	782.0	781.7	781.5	781.3	781.0	781.3	782.2	783.1	783.9	784.8
177.5°	783.4	782.7	782.6	782.5	782.4	782.3	782.6	783.3	784.0	784.7	785.4
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1170.6	1171.6	1178.1	1180.9	1186.8	1189.0	1191.6	1191.0	1191.0	1192.2	1201.3
5°	1173.1	1181.1	1193.3	1205.0	1216.3	1226.1	1232.6	1239.0	1241.4	1253.2	1263.7
7.5°	1168.9	1183.8	1203.8	1221.7	1243.1	1259.9	1273.7	1286.3	1294.9	1311.9	1329.4
10°	1163.4	1184.4	1207.0	1230.1	1259.6	1281.8	1304.5	1321.9	1327.5	1353.0	1367.6
12.5°	1152.4	1180.5	1209.3	1239.1	1268.0	1298.7	1323.6	1341.0	1360.9	1383.8	1410.6
15°	1135.9	1168.2	1205.9	1244.3	1285.5	1322.7	1349.4	1379.7	1401.5	1426.6	1450.1
17.5°	1112.1	1153.8	1201.7	1246.1	1293.8	1333.8	1370.5	1399.6	1415.0	1429.3	1432.7
20°	1093.4	1138.3	1194.5	1247.1	1294.8	1340.9	1377.3	1401.5	1405.6	1406.0	1384.6
22.5°	1073.0	1123.7	1182.6	1236.4	1293.5	1344.8	1373.1	1383.5	1367.4	1340.0	1298.5
25°	1035.6	1094.2	1162.6	1224.0	1286.3	1334.8	1344.6	1326.4	1270.1	1211.1	1136.3
27.5°	995.0	1060.9	1134.2	1202.5	1268.8	1298.9	1277.9	1212.4	1111.1	1023.1	916.5
30°	965.3	1039.3	1111.2	1187.6	1249.1	1262.0	1213.9	1117.3	999.2	866.6	760.3
32.5°	931.3	1008.8	1087.9	1167.0	1218.4	1205.8	1126.2	1007.3	868.9	738.5	637.9
35°	882.7	962.8	1048.1	1127.4	1160.2	1105.6	986.7	831.8	690.2	568.5	499.4
37.5°	826.7	913.9	1002.6	1075.4	1073.0	982.1	820.1	660.3	541.3	469.3	420.1
40°	786.9	875.0	970.9	1032.4	1006.1	887.6	712.1	561.3	474.4	416.9	380.9
42.5°	748.8	837.2	932.4	981.3	935.6	789.9	615.1	496.9	425.2	380.3	351.2
45°	683.8	777.2	865.4	892.5	810.8	650.2	497.4	411.6	363.9	330.8	310.5
47.5°	620.3	712.2	792.7	793.1	682.6	527.3	419.5	356.2	315.5	289.9	275.1
50°	581.5	668.8	736.3	725.9	600.5	469.1	375.3	320.7	286.7	266.9	251.5
52.5°	537.8	622.6	681.0	651.1	530.9	412.8	335.5	289.6	261.5	244.2	230.5
55°	474.4	549.5	590.8	545.5	433.1	343.3	283.4	247.5	226.5	211.9	200.2
57.5°	411.9	474.0	499.9	447.3	356.7	284.7	239.8	212.8	191.9	181.5	175.4
60°	372.8	425.8	444.0	385.8	310.1	249.1	212.3	187.2	171.8	165.0	158.9
62.5°	334.3	377.6	385.2	331.8	270.4	218.0	186.4	165.2	155.0	148.5	142.8
65°	277.4	308.6	304.9	262.1	213.9	173.1	150.0	137.0	129.4	120.1	110.0
67.5°	228.4	247.4	235.9	203.8	163.3	134.5	119.5	109.6	100.1	91.3	89.0
70°	197.3	208.3	196.1	166.6	133.9	112.8	100.7	89.0	83.3	81.3	77.6
72.5°	167.5	171.3	158.3	132.9	108.9	93.4	81.6	75.0	72.0	70.3	68.0
75°	125.8	122.9	111.6	91.8	75.7	65.1	61.5	59.0	57.0	55.4	54.2
77.5°	88.3	84.2	74.1	61.2	52.7	47.6	45.5	44.1	43.2	42.4	41.2
80°	66.3	63.5	53.4	43.6	40.0	37.6	36.4	34.8	34.8	34.0	32.7
82.5°	48.6	45.4	36.5	32.0	30.0	28.5	27.6	26.7	26.4	26.5	25.7
85°	25.5	20.6	18.2	17.3	16.2	15.4	15.8	15.0	15.0	15.0	14.6
87.5°	8.2	6.8	6.7	6.7	7.3	7.4	7.4	7.5	8.1	7.9	8.3
90°	2.0	3.3	4.8	6.1	7.3	8.3	9.3	10.3	11.3	12.0	12.6
92.5°	11.3	11.2	11.1	10.9	11.2	11.6	12.1	12.7	13.2	13.5	13.8
95°	32.7	28.5	24.4	20.2	18.5	19.5	20.4	21.2	22.1	22.7	23.4
97.5°	61.4	49.7	37.9	26.2	21.4	23.4	25.5	27.6	29.5	30.1	30.6
100°	83.0	65.8	48.6	31.3	23.8	25.9	28.0	30.2	32.3	33.3	34.3
102.5°	126.6	122.9	119.3	115.6	104.8	86.9	69.0	51.1	33.2	34.5	35.8
105°	176.0	179.8	183.6	187.4	172.1	137.7	103.3	68.9	34.5	36.0	37.3
107.5°	223.2	226.3	229.3	232.4	213.3	172.1	130.9	89.6	48.4	47.0	45.6
110°	253.7	256.4	259.0	261.6	244.7	208.3	172.0	135.5	99.2	86.6	74.0



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	282.4	284.7	287.1	289.4	286.1	277.1	268.1	259.1	250.1	204.2	158.3
115°	328.0	330.1	332.2	334.4	337.1	340.2	343.3	346.5	349.7	291.4	233.1
117.5°	369.2	371.5	373.9	376.3	378.6	380.8	382.9	385.1	387.3	373.2	359.1
120°	398.5	400.4	402.3	404.3	406.3	408.6	410.8	413.1	415.3	416.8	418.4
122.5°	424.1	426.0	428.0	430.0	432.2	434.7	437.2	439.7	442.1	443.0	443.9
125°	462.3	464.0	465.6	467.2	469.3	471.7	474.0	476.4	478.9	479.7	480.6
127.5°	497.6	499.4	501.1	503.0	504.8	506.6	508.3	510.2	511.9	513.3	514.5
130°	520.0	522.0	523.9	526.0	527.7	529.1	530.4	531.9	533.2	534.6	536.0
132.5°	542.3	544.1	545.7	547.5	549.0	550.4	551.8	553.2	554.5	555.7	556.9
135°	572.1	574.1	576.2	578.1	579.7	580.8	581.9	583.1	584.2	585.5	586.8
137.5°	601.3	602.7	604.1	605.5	606.9	608.2	609.4	610.7	612.0	613.2	614.5
140°	620.4	621.4	622.4	623.4	624.6	626.0	627.4	628.8	630.2	631.3	632.4
142.5°	636.6	637.5	638.4	639.3	640.6	642.1	643.7	645.3	646.9	647.9	649.0
145°	661.2	661.1	660.9	660.8	661.8	663.9	666.1	668.2	670.3	671.3	672.2
147.5°	683.2	682.7	682.2	681.8	682.5	684.7	686.7	688.9	691.0	691.7	692.3
150°	697.3	696.4	695.5	694.6	695.2	697.2	699.2	701.2	703.2	704.0	704.7
152.5°	709.4	708.4	707.4	706.5	706.9	708.8	710.7	712.6	714.5	715.3	716.1
155°	727.1	725.9	724.8	723.7	723.8	725.3	726.8	728.3	729.8	730.6	731.4
157.5°	741.2	740.2	739.3	738.3	738.3	739.4	740.5	741.5	742.6	743.5	744.3
160°	749.5	748.8	748.0	747.3	747.3	748.0	748.8	749.5	750.3	751.1	751.8
162.5°	756.8	756.1	755.3	754.5	754.5	755.1	755.7	756.5	757.1	758.0	758.8
165°	766.5	765.8	765.0	764.2	764.1	764.5	764.9	765.2	765.6	766.4	767.3
167.5°	773.8	773.0	772.3	771.5	771.3	771.7	772.0	772.4	772.7	773.6	774.5
170°	777.8	777.1	776.3	775.6	775.3	775.6	775.9	776.1	776.3	777.2	778.1
172.5°	780.5	779.8	779.0	778.3	778.1	778.3	778.6	778.8	779.0	780.0	780.9
175°	783.9	783.1	782.2	781.3	781.0	781.3	781.5	781.7	782.0	782.9	783.8
177.5°	784.7	784.0	783.3	782.6	782.3	782.4	782.5	782.6	782.7	783.4	784.1
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2	783.2



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8	1163.8
2.5°	1204.5	1208.7	1210.7	1210.7	1213.0	1212.0	1211.0
5°	1273.7	1281.4	1283.1	1290.4	1295.6	1294.0	1294.8
7.5°	1342.6	1354.9	1367.1	1372.8	1373.6	1376.9	1378.1
10°	1385.0	1395.1	1414.1	1411.3	1425.4	1433.5	1420.1
12.5°	1425.8	1439.4	1452.5	1456.2	1464.3	1466.8	1461.6
15°	1462.6	1469.9	1470.7	1468.7	1471.1	1469.1	1461.4
17.5°	1428.1	1416.3	1392.4	1381.1	1372.1	1358.8	1353.5
20°	1371.2	1336.4	1296.0	1279.8	1260.8	1223.6	1232.6
22.5°	1248.3	1208.6	1168.2	1121.0	1098.4	1063.2	1061.0
25°	1057.0	988.7	913.5	860.9	830.2	795.0	779.7
27.5°	821.8	735.8	674.1	642.9	614.6	586.7	585.5
30°	667.2	602.5	554.8	528.1	510.7	499.0	501.5
32.5°	562.4	518.1	485.9	463.7	450.9	442.0	441.9
35°	459.8	429.4	408.8	399.5	390.2	383.7	384.1
37.5°	393.5	375.3	363.8	353.5	347.7	344.5	342.8
40°	359.5	344.5	335.6	329.5	324.7	320.3	319.5
42.5°	332.6	320.3	311.3	306.6	302.1	298.9	298.1
45°	295.2	285.1	277.0	271.7	269.7	266.9	266.9
47.5°	262.6	252.6	246.4	243.0	239.6	237.7	237.6
50°	240.6	232.9	227.3	225.2	222.4	221.2	220.8
52.5°	220.9	215.2	211.1	209.7	208.5	206.9	207.2
55°	194.1	190.8	189.3	188.1	186.0	183.5	185.2
57.5°	171.5	168.8	164.5	160.7	158.8	157.1	157.7
60°	155.7	150.0	144.3	139.9	138.7	135.1	135.1
62.5°	135.6	127.7	120.7	118.3	117.0	115.3	115.0
65°	104.3	101.1	99.5	97.8	97.0	97.0	96.3
67.5°	86.4	85.2	83.4	82.9	82.1	81.9	81.7
70°	76.4	74.8	74.0	73.6	72.8	73.2	72.0
72.5°	66.7	65.4	65.3	64.2	63.7	63.8	62.9
75°	52.6	52.6	52.1	51.7	50.9	50.5	50.9
77.5°	40.4	40.5	39.8	39.7	39.6	39.7	39.3
80°	32.3	32.7	32.3	31.9	31.5	31.9	31.5
82.5°	25.6	25.0	24.9	24.8	24.7	24.5	24.4
85°	14.6	15.0	14.6	14.2	14.2	14.2	14.6
87.5°	8.2	8.2	8.4	8.4	8.5	8.5	8.2
90°	13.2	13.9	14.3	14.6	14.8	15.1	15.3
92.5°	14.1	14.4	14.7	14.8	15.0	15.1	15.3
95°	24.0	24.6	24.9	24.7	24.6	24.5	24.4
97.5°	31.1	31.6	31.9	32.1	32.2	32.4	32.6
100°	35.3	36.4	37.0	37.2	37.5	37.7	37.9
102.5°	37.2	38.4	39.3	39.6	40.0	40.3	40.7
105°	38.7	40.1	41.0	41.6	42.1	42.5	43.1
107.5°	44.1	42.8	42.3	42.8	43.3	43.8	44.3
110°	61.4	48.8	42.8	43.3	43.7	44.3	44.8



TEST NUMBER: P331687-927

CATALOG NUMBER: S122RDIP-S675D725U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	112.3	66.4	43.6	44.0	44.4	44.8	45.2
115°	174.8	116.5	82.7	73.7	64.6	55.5	46.5
117.5°	344.9	330.8	308.9	279.1	249.3	219.5	189.7
120°	419.9	421.4	413.7	396.6	379.7	362.7	345.7
122.5°	444.8	445.8	444.6	441.2	437.9	434.7	431.3
125°	481.5	482.4	483.0	483.4	483.8	484.1	484.5
127.5°	515.8	517.1	517.8	517.8	517.9	518.0	518.1
130°	537.4	538.8	539.4	539.3	539.2	539.0	538.9
132.5°	558.1	559.3	559.8	559.7	559.6	559.4	559.3
135°	588.0	589.3	589.8	589.5	589.3	589.0	588.7
137.5°	615.7	617.0	617.3	617.0	616.5	616.1	615.6
140°	633.5	634.7	634.9	634.3	633.7	633.0	632.4
142.5°	650.0	651.0	651.3	650.6	650.0	649.4	648.7
145°	673.0	673.9	674.0	673.4	672.8	672.2	671.5
147.5°	693.0	693.6	693.7	693.2	692.6	692.1	691.6
150°	705.5	706.2	706.3	705.7	705.0	704.4	703.8
152.5°	716.8	717.6	717.6	716.8	715.9	715.1	714.2
155°	732.1	732.9	732.8	731.7	730.8	729.8	728.7
157.5°	745.1	746.0	745.9	745.0	743.9	743.0	742.0
160°	752.6	753.3	753.2	752.3	751.5	750.6	749.7
162.5°	759.6	760.5	760.4	759.3	758.2	757.2	756.1
165°	768.3	769.1	769.1	768.3	767.3	766.4	765.6
167.5°	775.4	776.3	776.1	775.0	773.9	772.7	771.6
170°	779.0	779.9	779.7	778.6	777.4	776.3	775.2
172.5°	781.7	782.6	782.4	781.3	780.2	779.0	777.9
175°	784.7	785.5	785.4	784.1	782.8	781.6	780.3
177.5°	784.8	785.5	785.4	784.5	783.6	782.7	781.8
180°	783.2	783.2	783.2	783.2	783.2	783.2	783.2

(END OF REPORT)