

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: P332313-927

Luminaire Tested: **S123RDIP-S775D805U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332313-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIP-S775D805U927-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 805 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4599.1 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

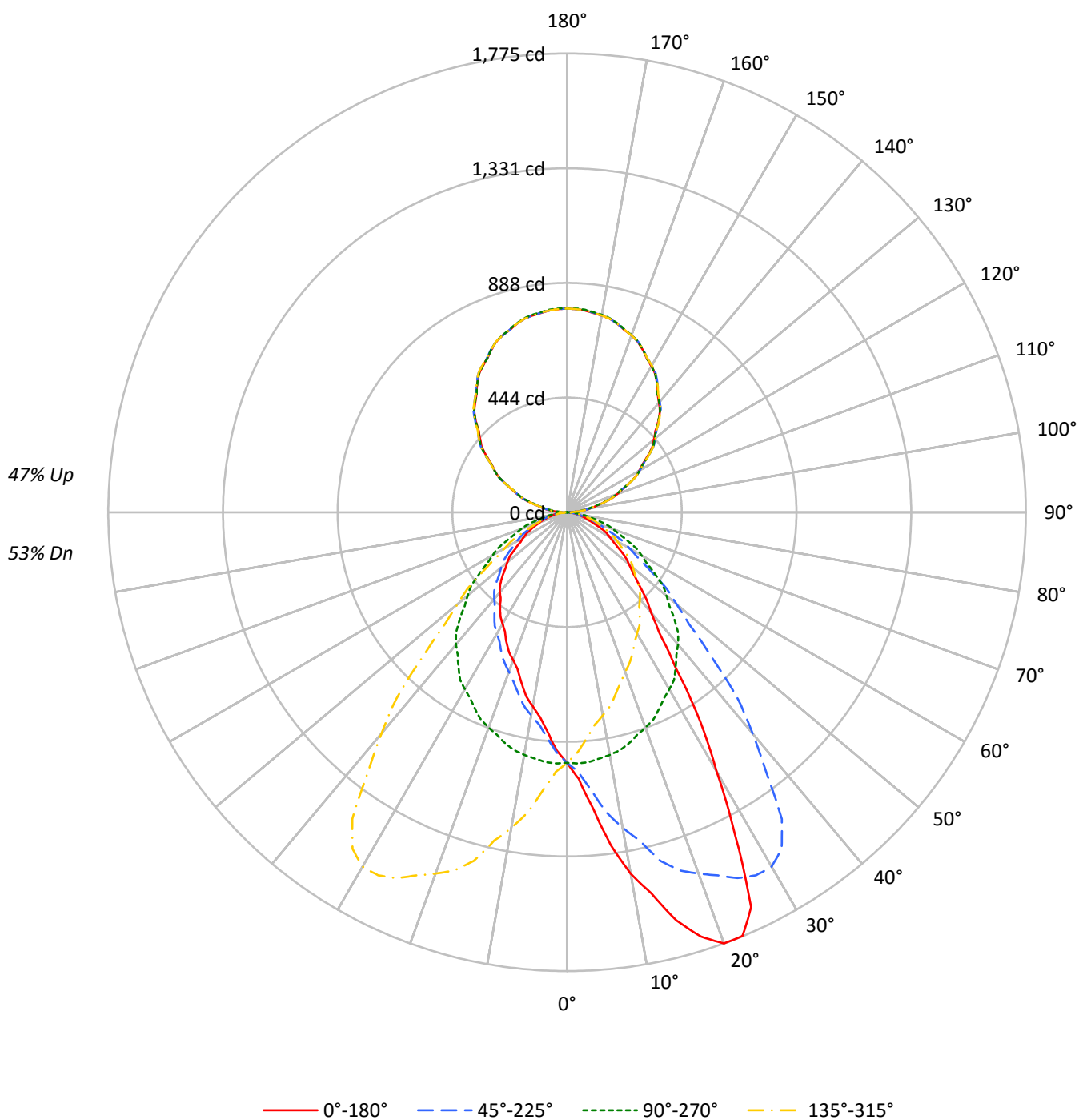
Input Watts (W): 45.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	71	71	71	58	58	58
1	99	95	91	88	92	88	85	82	75	73	71	63	62	60	53	52	51
2	91	84	78	73	84	78	73	68	67	63	60	56	54	51	47	45	43
3	83	74	67	61	77	69	63	58	59	55	51	50	47	44	42	40	38
4	76	66	58	52	70	61	55	50	53	48	44	45	41	38	38	35	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29
6	65	53	45	40	60	50	43	38	43	38	34	37	33	30	32	28	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	27	29	26	23
8	56	44	36	31	52	41	34	30	36	31	27	31	27	24	27	23	21
9	52	40	33	28	48	38	31	27	33	28	24	29	25	22	25	21	19
10	49	37	30	25	45	35	28	24	31	25	22	27	22	20	23	20	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10428	10428	10428	10428
5°	12431	10472	9223	10472
10°	15522	10413	8332	10413
15°	18219	10307	7598	10307
20°	20333	10148	6975	10148
25°	20009	9980	6590	9980
30°	14382	9825	6196	9825
35°	9603	9625	5941	9625
40°	7075	9382	5675	9382
45°	5934	8958	5416	8958
50°	5238	8403	5056	8403
55°	4592	7767	4560	7767
60°	4090	7160	4179	7160
65°	3591	6507	3889	6507
70°	2820	5926	3550	5926
75°	2483	5178	3244	5178
80°	2163	4395	3186	4395
85°	1741	3532	3384	3532

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.3	2.1
10°-20°	297.7	6.5
20°-30°	467.6	10.2
30°-40°	487.9	10.6
40°-50°	417.5	9.1
50°-60°	318.2	6.9
60°-70°	204.0	4.4
70°-80°	98.1	2.1
80°-90°	28.3	0.6
90°-100°	51.4	1.1
100°-110°	153.7	3.3
110°-120°	261.5	5.7
120°-130°	343.9	7.5
130°-140°	386.6	8.4
140°-150°	380.0	8.3
150°-160°	319.9	7.0
160°-170°	212.9	4.6
170°-180°	74.6	1.6
0°-30°	860.6	18.7
0°-40°	1348.4	29.3
0°-60°	2084.2	45.3
0°-90°	2414.6	52.5
90°-120°	466.6	10.1
90°-150°	1577.1	34.3
90°-180°	2185.0	47.5
0°-180°	4599.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	969	969	969	969	969	
5°	1150	969	854	969	1150	119
15°	1635	925	682	925	1635	464
25°	1685	840	555	840	1685	724
35°	731	732	452	732	731	479
45°	390	588	356	588	390	307
55°	245	414	243	414	245	221
65°	141	256	153	256	141	139
75°	60	124	78	124	60	64
85°	14	29	27	29	14	17
90°	19	1	19	1	19	9
95°	48	36	48	36	48	50
105°	147	139	147	139	147	156
115°	264	263	264	263	264	261
125°	381	385	381	385	381	341
135°	499	500	499	500	499	384
145°	606	606	606	606	606	378
155°	693	694	693	694	693	319
165°	754	756	754	756	754	213
175°	784	787	784	787	784	74
180°	788	788	788	788	788	

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	1031.9	1033.2	1028.9	1028.3	1023.3	1021.9	1021.9	1014.9	1010.7	1005.0	1001.7
5°	1150.5	1157.1	1153.8	1146.4	1133.9	1131.0	1123.2	1110.7	1096.6	1079.2	1070.9
7.5°	1298.6	1307.7	1304.2	1292.7	1279.7	1269.2	1246.9	1226.2	1197.3	1171.9	1150.2
10°	1420.1	1410.6	1403.1	1391.9	1379.9	1360.3	1337.1	1305.2	1268.3	1239.3	1206.9
12.5°	1511.0	1509.4	1500.0	1488.4	1471.5	1452.9	1424.4	1385.5	1342.6	1300.7	1263.7
15°	1634.9	1637.4	1631.2	1619.1	1595.1	1562.3	1519.2	1503.0	1441.7	1396.1	1350.4
17.5°	1720.7	1720.2	1719.4	1702.7	1678.2	1654.9	1614.9	1572.3	1516.7	1452.5	1391.0
20°	1775.1	1771.0	1771.8	1753.1	1734.9	1707.9	1669.0	1607.2	1561.5	1487.3	1423.8
22.5°	1773.8	1773.0	1776.2	1769.7	1756.4	1735.8	1705.1	1653.0	1594.7	1519.8	1448.3
25°	1684.7	1681.4	1700.9	1706.3	1727.4	1731.2	1722.0	1693.4	1638.2	1561.1	1472.7
27.5°	1410.0	1408.2	1444.3	1489.6	1547.0	1591.7	1634.7	1655.6	1638.2	1583.0	1494.5
30°	1157.1	1196.1	1214.4	1279.9	1352.9	1440.0	1516.3	1588.9	1606.7	1582.7	1510.1
32.5°	960.8	994.7	1010.0	1066.2	1134.2	1236.3	1350.8	1453.5	1526.1	1544.5	1500.8
35°	730.8	731.2	766.0	790.9	854.0	958.9	1070.1	1207.8	1344.6	1448.3	1459.0
37.5°	583.1	585.2	606.3	631.1	678.3	733.9	831.7	946.2	1104.3	1263.5	1356.8
40°	503.5	507.2	523.0	547.5	581.5	623.4	699.7	807.6	939.4	1116.5	1261.2
42.5°	452.4	458.4	466.6	485.4	506.5	545.7	607.4	690.7	810.6	978.1	1145.1
45°	389.8	393.2	399.4	408.1	427.2	454.6	496.1	552.0	651.6	786.4	953.5
47.5°	343.9	342.1	348.7	355.8	368.4	387.1	414.9	460.7	531.6	639.8	781.6
50°	312.8	312.3	316.9	322.3	334.3	348.0	370.8	405.2	461.6	551.2	681.0
52.5°	283.5	285.1	288.4	295.1	303.7	314.8	335.3	360.0	408.5	485.8	594.1
55°	244.7	246.0	250.5	254.2	260.5	271.6	284.6	305.2	338.4	392.4	481.5
57.5°	211.8	211.3	215.6	216.6	223.6	232.7	242.7	258.8	282.9	322.9	382.9
60°	190.0	188.7	192.4	195.4	199.1	206.5	214.8	230.6	249.7	279.1	330.6
62.5°	170.1	169.4	172.2	175.1	178.2	185.0	191.9	204.1	219.1	244.0	284.8
65°	141.0	142.3	143.5	144.7	146.4	150.5	157.2	165.5	175.9	193.3	222.7
67.5°	110.8	112.1	112.5	115.0	118.6	121.2	125.2	132.6	139.8	154.6	171.3
70°	89.6	89.2	89.6	90.9	95.4	100.0	105.4	110.7	115.3	125.6	139.7
72.5°	77.0	76.2	77.3	77.6	79.8	81.0	84.4	89.5	95.4	102.4	112.6
75°	59.7	59.7	59.7	59.7	61.4	62.2	63.5	64.7	66.8	70.1	77.6
77.5°	44.1	44.2	44.8	45.2	45.6	46.0	46.8	48.0	48.8	50.5	53.8
80°	34.9	35.3	34.9	35.3	35.3	36.0	36.5	37.7	38.2	40.2	41.5
82.5°	26.2	26.0	26.2	26.6	26.6	27.5	27.6	28.4	28.5	29.6	30.9
85°	14.1	13.3	14.1	13.7	14.5	13.7	14.1	14.9	14.9	15.4	17.0
87.5°	7.1	7.6	6.9	7.2	7.1	7.4	7.3	7.2	7.8	7.3	7.3
90°	18.6	18.3	18.1	17.7	17.5	17.0	16.5	16.0	15.4	14.9	13.1
92.5°	25.0	25.2	25.3	25.5	25.7	25.5	25.1	24.6	24.2	23.8	22.7
95°	48.3	48.3	48.3	48.3	48.3	48.0	47.5	46.9	46.4	45.9	44.8
97.5°	74.3	74.4	74.5	74.5	74.5	74.2	73.6	73.0	72.3	71.7	70.9
100°	94.1	93.9	93.6	93.3	93.1	92.7	92.3	91.9	91.5	91.0	90.4
102.5°	114.5	114.5	114.5	114.6	114.7	114.5	114.1	113.7	113.3	112.9	111.9
105°	147.4	147.1	146.9	146.6	146.3	146.2	146.2	146.2	146.2	146.2	145.0
107.5°	181.7	181.9	182.0	182.2	182.4	182.3	181.8	181.3	180.9	180.5	180.0
110°	205.0	205.3	205.6	205.8	206.1	206.0	205.4	204.9	204.3	203.7	203.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	229.8	229.8	229.9	230.0	230.0	229.7	229.0	228.4	227.8	227.0	227.0
115°	263.9	264.0	264.1	264.3	264.4	264.4	264.3	264.1	264.0	263.9	264.1
117.5°	298.4	298.8	299.2	299.6	299.9	300.2	300.2	300.2	300.2	300.2	300.6
120°	322.7	323.0	323.2	323.5	323.8	324.0	324.2	324.2	324.4	324.6	325.3
122.5°	345.9	346.3	346.7	347.1	347.5	347.9	348.2	348.6	349.0	349.4	349.7
125°	380.9	381.4	382.0	382.5	383.1	383.7	384.2	384.8	385.3	385.9	386.1
127.5°	415.7	416.4	417.0	417.6	418.3	419.0	419.7	420.5	421.3	422.0	422.3
130°	438.5	439.5	440.5	441.4	442.4	443.1	443.7	444.3	444.7	445.3	445.8
132.5°	462.3	463.0	463.7	464.5	465.2	466.0	466.6	467.3	467.9	468.6	468.9
135°	499.2	499.5	499.8	500.0	500.3	500.7	501.3	501.8	502.4	503.0	503.0
137.5°	531.8	532.3	532.8	533.4	533.9	534.4	535.0	535.6	536.1	536.7	536.4
140°	553.1	554.1	555.0	556.0	557.0	557.5	557.6	557.8	557.9	558.0	557.9
142.5°	574.9	575.6	576.4	577.1	577.9	578.3	578.5	578.6	578.7	578.8	578.6
145°	606.3	606.9	607.4	608.0	608.6	608.9	609.0	609.2	609.3	609.4	609.0
147.5°	634.4	635.2	636.0	636.8	637.6	638.1	638.1	638.1	638.1	638.1	637.7
150°	652.2	653.0	653.9	654.7	655.5	655.9	655.9	655.9	655.9	655.9	655.6
152.5°	669.6	670.3	671.0	671.7	672.4	672.6	672.4	672.2	672.0	671.8	671.6
155°	693.1	694.0	695.0	695.9	696.9	697.1	696.6	696.0	695.5	694.9	694.8
157.5°	714.5	715.3	716.1	716.8	717.6	717.6	717.1	716.5	716.0	715.3	715.3
160°	728.3	728.9	729.4	730.0	730.6	730.5	729.8	729.1	728.4	727.8	727.8
162.5°	738.8	739.7	740.5	741.4	742.3	742.4	741.7	741.0	740.3	739.7	739.5
165°	753.8	754.7	755.7	756.7	757.6	757.7	756.9	756.1	755.2	754.4	754.4
167.5°	766.5	767.4	768.3	769.1	769.9	769.9	769.1	768.3	767.4	766.5	766.4
170°	772.9	774.0	774.9	775.9	776.8	776.8	775.9	774.9	774.0	772.9	772.9
172.5°	777.9	778.9	779.8	780.8	781.8	781.8	781.0	780.1	779.3	778.4	778.4
175°	783.5	784.4	785.4	786.4	787.3	787.4	786.6	785.8	785.0	784.1	784.1
177.5°	786.5	787.3	788.0	788.8	789.6	789.6	788.9	788.3	787.6	787.0	787.0
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	1000.4	999.3	994.7	989.4	982.5	977.8	974.1	972.2	966.2	958.9	953.9
5°	1062.2	1049.7	1036.5	1020.3	1005.4	990.0	980.5	969.2	955.6	940.2	929.5
7.5°	1128.4	1104.0	1077.7	1050.6	1023.7	999.7	978.5	960.3	938.5	916.5	901.1
10°	1179.2	1143.4	1106.5	1068.8	1034.4	1002.0	977.2	952.7	926.5	901.3	882.2
12.5°	1225.3	1178.3	1135.8	1089.4	1045.4	1006.7	970.8	942.1	910.6	883.7	861.9
15°	1283.7	1235.6	1184.1	1113.6	1055.1	1006.2	962.7	924.9	886.8	853.6	832.4
17.5°	1338.2	1265.8	1196.7	1137.9	1061.9	1000.8	947.6	902.5	860.6	825.5	799.4
20°	1360.8	1290.7	1215.6	1140.6	1065.9	997.4	935.6	885.9	842.3	802.6	778.5
22.5°	1374.4	1295.0	1215.9	1135.3	1056.0	984.8	923.8	868.9	821.8	783.9	754.2
25°	1390.2	1295.7	1208.6	1128.9	1048.1	970.9	898.3	840.3	789.3	749.0	717.5
27.5°	1400.7	1289.4	1186.5	1098.0	1016.0	939.1	872.6	811.1	759.3	716.8	682.9
30°	1402.6	1284.4	1169.6	1073.8	990.4	919.9	849.4	790.5	735.8	690.5	659.0
32.5°	1405.3	1272.2	1146.7	1044.9	959.6	889.7	825.9	769.6	713.5	669.0	636.8
35°	1394.4	1265.4	1111.9	995.0	909.5	841.9	784.3	732.5	677.3	634.1	601.3
37.5°	1347.3	1238.4	1075.9	938.7	849.4	786.8	739.8	694.6	644.0	597.5	566.6
40°	1299.8	1211.9	1048.1	904.6	811.3	746.9	704.6	667.7	618.8	575.3	542.1
42.5°	1229.2	1175.8	1021.5	868.7	768.1	706.2	670.5	635.9	592.9	548.7	517.5
45°	1099.5	1106.5	967.2	811.7	708.4	646.2	612.6	588.5	550.4	513.9	482.0
47.5°	936.9	1002.8	903.4	750.8	645.4	587.0	557.7	536.7	511.0	475.2	446.0
50°	830.8	924.9	852.3	710.0	605.9	547.9	518.9	501.8	479.4	451.2	423.4
52.5°	732.8	834.0	790.6	664.6	563.2	510.1	481.7	467.7	449.9	423.3	398.2
55°	597.6	700.1	690.1	596.0	498.9	451.2	429.7	413.9	401.9	382.0	362.1
57.5°	483.5	580.6	585.7	519.7	442.4	395.2	376.7	364.8	357.0	341.9	323.5
60°	411.5	500.6	518.0	468.3	401.9	360.4	342.1	332.6	326.4	314.4	300.3
62.5°	351.7	427.6	447.3	411.5	363.1	324.2	310.0	300.8	296.5	286.1	273.7
65°	269.2	332.2	351.3	331.4	306.1	275.0	263.4	255.5	251.8	246.0	236.8
67.5°	202.4	248.3	269.3	255.2	246.1	226.5	219.0	214.8	211.5	207.6	199.9
70°	162.6	196.6	218.2	214.4	207.0	196.6	191.2	188.3	185.0	181.6	175.0
72.5°	130.7	154.2	174.4	176.3	170.2	168.0	163.3	162.1	160.1	156.1	152.5
75°	86.7	102.8	116.9	122.3	124.8	126.9	124.8	124.5	124.0	120.7	118.6
77.5°	56.8	65.5	74.4	83.6	87.5	90.3	91.0	92.5	91.4	89.7	88.6
80°	43.6	45.6	51.8	59.7	65.9	68.4	70.1	70.9	70.5	70.1	68.4
82.5°	31.6	33.4	36.3	41.8	47.1	51.2	52.2	52.0	52.9	53.2	51.8
85°	17.0	17.4	18.2	19.1	21.9	26.5	27.8	28.6	29.5	29.5	26.9
87.5°	7.6	6.9	7.2	6.9	7.6	7.6	9.3	10.8	11.3	10.3	10.5
90°	11.2	9.5	7.7	6.1	4.8	3.4	2.0	0.6	2.0	3.4	4.8
92.5°	21.8	20.8	19.7	18.7	17.8	16.9	15.9	15.0	15.9	16.9	17.8
95°	43.6	42.5	41.4	40.4	39.5	38.5	37.5	36.5	37.5	38.5	39.5
97.5°	70.1	69.3	68.5	67.8	67.0	66.3	65.6	64.9	65.6	66.3	67.0
100°	89.7	89.0	88.3	87.5	86.7	85.9	85.1	84.2	85.1	85.9	86.7
102.5°	111.1	110.1	109.2	108.5	108.1	107.5	107.0	106.5	107.0	107.5	108.1
105°	143.7	142.4	141.2	140.5	140.2	139.9	139.7	139.3	139.7	139.9	140.2
107.5°	179.5	179.0	178.5	178.2	178.0	177.8	177.7	177.5	177.7	177.8	178.0
110°	203.2	203.0	202.6	202.4	202.1	201.8	201.5	201.3	201.5	201.8	202.1

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	227.0	226.9	226.8	226.7	226.6	226.4	226.2	226.1	226.2	226.4	226.6
115°	264.4	264.7	265.0	264.9	264.4	264.0	263.6	263.2	263.6	264.0	264.4
117.5°	301.0	301.3	301.7	301.7	301.4	301.2	301.0	300.6	301.0	301.2	301.4
120°	325.9	326.6	327.3	327.3	326.4	325.6	324.7	323.9	324.7	325.6	326.4
122.5°	350.1	350.4	350.8	350.6	350.0	349.4	348.8	348.2	348.8	349.4	350.0
125°	386.4	386.7	387.0	386.9	386.5	386.0	385.6	385.2	385.6	386.0	386.5
127.5°	422.6	422.9	423.3	422.9	422.1	421.2	420.3	419.5	420.3	421.2	422.1
130°	446.2	446.6	446.9	446.6	445.5	444.4	443.3	442.2	443.3	444.4	445.5
132.5°	469.2	469.5	469.8	469.4	468.3	467.2	466.1	465.0	466.1	467.2	468.3
135°	503.2	503.4	503.5	503.1	502.3	501.5	500.7	499.8	500.7	501.5	502.3
137.5°	536.0	535.7	535.3	534.8	534.1	533.4	532.7	532.0	532.7	533.4	534.1
140°	557.8	557.6	557.5	557.1	556.4	555.7	555.0	554.3	555.0	555.7	556.4
142.5°	578.4	578.1	577.9	577.4	576.7	576.0	575.4	574.6	575.4	576.0	576.7
145°	608.6	608.2	607.8	607.4	607.2	606.9	606.7	606.3	606.7	606.9	607.2
147.5°	637.3	636.9	636.5	636.1	635.6	635.1	634.6	634.1	634.6	635.1	635.6
150°	655.4	655.1	654.8	654.5	654.3	653.9	653.7	653.4	653.7	653.9	654.3
152.5°	671.5	671.3	671.1	670.8	670.4	670.0	669.6	669.3	669.6	670.0	670.4
155°	694.7	694.5	694.3	694.3	694.3	694.3	694.3	694.3	694.3	694.3	694.3
157.5°	715.2	715.0	714.9	714.9	715.1	715.3	715.4	715.6	715.4	715.3	715.1
160°	727.8	727.8	727.8	727.9	728.2	728.4	728.7	729.0	728.7	728.4	728.2
162.5°	739.4	739.3	739.2	739.3	739.7	740.1	740.5	740.8	740.5	740.1	739.7
165°	754.4	754.4	754.4	754.6	755.0	755.4	755.8	756.2	755.8	755.4	755.0
167.5°	766.3	766.2	766.1	766.3	766.8	767.4	767.9	768.5	767.9	767.4	766.8
170°	772.9	772.9	772.9	773.2	773.8	774.4	774.9	775.5	774.9	774.4	773.8
172.5°	778.4	778.4	778.4	778.7	779.3	779.8	780.4	780.9	780.4	779.8	779.3
175°	784.1	784.1	784.1	784.4	785.0	785.5	786.0	786.6	786.0	785.5	785.0
177.5°	787.0	787.0	787.0	787.2	787.6	788.1	788.5	788.9	788.5	788.1	787.6
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	952.3	947.9	945.0	938.3	934.0	929.4	924.7	927.7	927.4	927.0	927.0
5°	920.4	910.8	902.1	890.9	883.8	875.1	868.5	867.7	869.3	863.5	860.2
7.5°	888.7	875.6	863.2	850.9	837.8	827.4	820.8	817.7	813.5	809.9	806.2
10°	866.4	851.0	839.0	823.7	809.6	797.2	789.3	783.9	780.9	778.1	772.7
12.5°	843.5	828.5	813.2	795.8	782.4	767.9	762.1	756.0	750.4	747.2	739.8
15°	810.0	790.5	774.4	756.1	741.2	727.1	718.7	706.7	705.0	700.9	693.5
17.5°	776.4	755.3	732.9	719.5	702.6	687.9	675.3	671.2	659.3	654.9	648.4
20°	749.9	730.4	713.4	695.5	671.1	657.4	647.5	642.1	632.5	626.7	622.5
22.5°	727.0	707.2	687.5	666.7	646.5	631.1	623.8	615.4	610.3	602.1	597.6
25°	694.3	672.7	649.1	626.7	612.2	600.6	588.9	581.5	574.0	570.3	562.0
27.5°	656.3	633.7	611.6	594.7	576.9	565.4	554.8	548.2	539.2	533.0	528.4
30°	635.4	608.9	589.8	574.4	551.6	540.8	533.0	524.7	518.0	511.4	506.8
32.5°	611.2	586.9	568.9	549.9	532.3	520.6	510.4	503.1	497.4	491.2	486.6
35°	573.1	552.9	534.2	515.1	502.2	490.2	478.2	472.0	466.6	460.8	456.6
37.5°	538.8	519.8	502.1	484.0	468.1	458.3	448.6	443.9	436.6	432.7	428.4
40°	517.6	498.9	479.8	462.5	445.8	438.4	429.7	422.6	416.0	413.1	408.5
42.5°	494.4	475.7	459.6	440.8	427.3	417.2	409.1	401.4	396.4	392.2	389.6
45°	459.9	443.4	427.6	408.9	396.1	387.4	378.3	371.2	366.6	363.8	359.2
47.5°	426.5	410.0	394.0	377.6	365.2	355.3	346.2	341.3	335.2	331.6	328.6
50°	402.3	387.4	370.3	355.5	343.0	333.0	325.6	319.3	313.9	309.4	307.4
52.5°	380.1	364.2	349.4	335.6	322.4	311.2	304.4	297.8	293.7	288.5	286.1
55°	343.4	328.0	315.6	301.9	289.1	279.6	271.2	265.5	261.3	255.5	252.2
57.5°	309.0	295.2	280.4	268.5	255.2	247.2	240.3	232.4	227.4	222.8	219.6
60°	285.7	270.0	257.1	246.0	234.3	223.9	217.8	211.5	206.1	201.5	198.7
62.5°	261.6	247.8	235.6	223.4	212.8	203.7	196.5	191.3	186.6	183.6	180.8
65°	224.3	213.6	201.1	191.2	181.3	174.6	168.8	164.2	160.9	158.8	156.4
67.5°	190.2	179.7	168.9	159.1	152.5	147.4	143.6	139.7	138.0	135.4	133.7
70°	167.9	157.2	147.7	140.2	133.6	129.8	127.3	124.5	122.8	119.5	117.8
72.5°	143.8	135.9	129.0	122.9	117.6	114.2	111.1	107.5	104.9	101.2	99.6
75°	113.2	106.2	100.8	96.6	93.3	88.7	84.2	80.5	79.2	78.0	77.6
77.5°	83.9	79.4	75.5	72.0	67.9	64.6	63.5	62.7	62.4	61.8	61.8
80°	65.9	61.8	58.9	54.7	52.3	52.3	52.3	51.4	51.8	51.8	51.8
82.5°	49.0	45.2	43.6	42.1	41.7	42.0	42.0	42.1	41.9	42.5	42.2
85°	25.3	25.7	26.5	26.1	26.5	26.5	27.4	26.9	27.4	26.5	27.4
87.5°	10.5	11.8	12.5	13.2	13.9	13.9	14.3	14.5	14.9	15.1	15.1
90°	6.1	7.7	9.5	11.2	13.1	14.9	15.4	16.0	16.5	17.0	17.5
92.5°	18.7	19.7	20.8	21.8	22.7	23.8	24.2	24.6	25.1	25.5	25.7
95°	40.4	41.4	42.5	43.6	44.8	45.9	46.4	46.9	47.5	48.0	48.3
97.5°	67.8	68.5	69.3	70.1	70.9	71.7	72.3	73.0	73.6	74.2	74.5
100°	87.5	88.3	89.0	89.7	90.4	91.0	91.5	91.9	92.3	92.7	93.1
102.5°	108.5	109.2	110.1	111.1	111.9	112.9	113.3	113.7	114.1	114.5	114.7
105°	140.5	141.2	142.4	143.7	145.0	146.2	146.2	146.2	146.2	146.2	146.3
107.5°	178.2	178.5	179.0	179.5	180.0	180.5	180.9	181.3	181.8	182.3	182.4
110°	202.4	202.6	203.0	203.2	203.5	203.7	204.3	204.9	205.4	206.0	206.1

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	226.7	226.8	226.9	227.0	227.0	227.0	227.8	228.4	229.0	229.7	230.0
115°	264.9	265.0	264.7	264.4	264.1	263.9	264.0	264.1	264.3	264.4	264.4
117.5°	301.7	301.7	301.3	301.0	300.6	300.2	300.2	300.2	300.2	300.2	299.9
120°	327.3	327.3	326.6	325.9	325.3	324.6	324.4	324.2	324.2	324.0	323.8
122.5°	350.6	350.8	350.4	350.1	349.7	349.4	349.0	348.6	348.2	347.9	347.5
125°	386.9	387.0	386.7	386.4	386.1	385.9	385.3	384.8	384.2	383.7	383.1
127.5°	422.9	423.3	422.9	422.6	422.3	422.0	421.3	420.5	419.7	419.0	418.3
130°	446.6	446.9	446.6	446.2	445.8	445.3	444.7	444.3	443.7	443.1	442.4
132.5°	469.4	469.8	469.5	469.2	468.9	468.6	467.9	467.3	466.6	466.0	465.2
135°	503.1	503.5	503.4	503.2	503.0	503.0	502.4	501.8	501.3	500.7	500.3
137.5°	534.8	535.3	535.7	536.0	536.4	536.7	536.1	535.6	535.0	534.4	533.9
140°	557.1	557.5	557.6	557.8	557.9	558.0	557.9	557.8	557.6	557.5	557.0
142.5°	577.4	577.9	578.1	578.4	578.6	578.8	578.7	578.6	578.5	578.3	577.9
145°	607.4	607.8	608.2	608.6	609.0	609.4	609.3	609.2	609.0	608.9	608.6
147.5°	636.1	636.5	636.9	637.3	637.7	638.1	638.1	638.1	638.1	638.1	637.6
150°	654.5	654.8	655.1	655.4	655.6	655.9	655.9	655.9	655.9	655.9	655.5
152.5°	670.8	671.1	671.3	671.5	671.6	671.8	672.0	672.2	672.4	672.6	672.4
155°	694.3	694.3	694.5	694.7	694.8	694.9	695.5	696.0	696.6	697.1	696.9
157.5°	714.9	714.9	715.0	715.2	715.3	715.3	716.0	716.5	717.1	717.6	717.6
160°	727.9	727.8	727.8	727.8	727.8	727.8	728.4	729.1	729.8	730.5	730.6
162.5°	739.3	739.2	739.3	739.4	739.5	739.7	740.3	741.0	741.7	742.4	742.3
165°	754.6	754.4	754.4	754.4	754.4	754.4	755.2	756.1	756.9	757.7	757.6
167.5°	766.3	766.1	766.2	766.3	766.4	766.5	767.4	768.3	769.1	769.9	769.9
170°	773.2	772.9	772.9	772.9	772.9	772.9	774.0	774.9	775.9	776.8	776.8
172.5°	778.7	778.4	778.4	778.4	778.4	778.4	779.3	780.1	781.0	781.8	781.8
175°	784.4	784.1	784.1	784.1	784.1	784.1	785.0	785.8	786.6	787.4	787.3
177.5°	787.2	787.0	787.0	787.0	787.0	787.0	787.6	788.3	788.9	789.6	789.6
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	923.1	922.7	923.1	921.7	923.1	922.7	923.1	927.0	927.0	927.4	927.7
5°	859.0	858.5	857.3	853.6	857.3	858.5	859.0	860.2	863.5	869.3	867.7
7.5°	803.0	802.4	798.8	798.8	798.8	802.4	803.0	806.2	809.9	813.5	817.7
10°	769.8	770.2	765.2	762.3	765.2	770.2	769.8	772.7	778.1	780.9	783.9
12.5°	737.6	735.7	731.7	728.5	731.7	735.7	737.6	739.8	747.2	750.4	756.0
15°	695.1	690.9	681.0	681.8	681.0	690.9	695.1	693.5	700.9	705.0	706.7
17.5°	645.1	642.1	641.8	636.0	641.8	642.1	645.1	648.4	654.9	659.3	671.2
20°	615.9	613.9	614.7	608.9	614.7	613.9	615.9	622.5	626.7	632.5	642.1
22.5°	593.0	591.0	587.5	585.7	587.5	591.0	593.0	597.6	602.1	610.3	615.4
25°	559.5	556.2	552.9	554.9	552.9	556.2	559.5	562.0	570.3	574.0	581.5
27.5°	526.0	523.5	520.1	519.8	520.1	523.5	526.0	528.4	533.0	539.2	548.2
30°	504.8	502.2	500.6	498.5	500.6	502.2	504.8	506.8	511.4	518.0	524.7
32.5°	483.2	482.7	479.7	479.3	479.7	482.7	483.2	486.6	491.2	497.4	503.1
35°	455.0	452.5	451.6	452.1	451.6	452.5	455.0	456.6	460.8	466.6	472.0
37.5°	428.2	424.8	423.3	421.9	423.3	424.8	428.2	428.4	432.7	436.6	443.9
40°	408.9	405.6	404.8	403.9	404.8	405.6	408.9	408.5	413.1	416.0	422.6
42.5°	387.4	386.0	385.6	384.0	385.6	386.0	387.4	389.6	392.2	396.4	401.4
45°	357.9	357.5	355.1	355.8	355.1	357.5	357.9	359.2	363.8	366.6	371.2
47.5°	326.9	325.1	323.4	324.5	323.4	325.1	326.9	328.6	331.6	335.2	341.3
50°	305.7	304.8	301.1	301.9	301.1	304.8	305.7	307.4	309.4	313.9	319.3
52.5°	284.5	281.3	279.9	279.4	279.9	281.3	284.5	286.1	288.5	293.7	297.8
55°	249.3	245.5	243.8	243.0	243.8	245.5	249.3	252.2	255.5	261.3	265.5
57.5°	214.8	213.7	212.5	213.3	212.5	213.7	214.8	219.6	222.8	227.4	232.4
60°	194.5	194.5	194.5	194.1	194.5	194.5	194.5	198.7	201.5	206.1	211.5
62.5°	179.0	177.9	177.6	178.2	177.6	177.9	179.0	180.8	183.6	186.6	191.3
65°	155.1	154.7	153.0	152.7	153.0	154.7	155.1	156.4	158.8	160.9	164.2
67.5°	132.6	131.1	130.6	130.1	130.6	131.1	132.6	133.7	135.4	138.0	139.7
70°	115.7	114.9	112.4	112.8	112.4	114.9	115.7	117.8	119.5	122.8	124.5
72.5°	97.4	96.6	96.2	95.5	96.2	96.6	97.4	99.6	101.2	104.9	107.5
75°	77.2	76.8	76.3	78.0	76.3	76.8	77.2	77.6	78.0	79.2	80.5
77.5°	61.8	61.8	62.0	61.4	62.0	61.8	61.8	61.8	61.8	62.4	62.7
80°	51.8	51.8	51.4	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.4
82.5°	41.6	41.9	42.1	41.5	42.1	41.9	41.6	42.2	42.5	41.9	42.1
85°	27.4	26.9	27.8	27.4	27.8	26.9	27.4	27.4	26.5	27.4	26.9
87.5°	15.8	15.2	15.3	15.7	15.3	15.2	15.8	15.1	15.1	14.9	14.5
90°	17.7	18.1	18.3	18.6	18.3	18.1	17.7	17.5	17.0	16.5	16.0
92.5°	25.5	25.3	25.2	25.0	25.2	25.3	25.5	25.7	25.5	25.1	24.6
95°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.0	47.5	46.9
97.5°	74.5	74.5	74.4	74.3	74.4	74.5	74.5	74.5	74.2	73.6	73.0
100°	93.3	93.6	93.9	94.1	93.9	93.6	93.3	93.1	92.7	92.3	91.9
102.5°	114.6	114.5	114.5	114.5	114.5	114.5	114.6	114.7	114.5	114.1	113.7
105°	146.6	146.9	147.1	147.4	147.1	146.9	146.6	146.3	146.2	146.2	146.2
107.5°	182.2	182.0	181.9	181.7	181.9	182.0	182.2	182.4	182.3	181.8	181.3
110°	205.8	205.6	205.3	205.0	205.3	205.6	205.8	206.1	206.0	205.4	204.9

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	230.0	229.9	229.8	229.8	229.8	229.9	230.0	230.0	229.7	229.0	228.4
115°	264.3	264.1	264.0	263.9	264.0	264.1	264.3	264.4	264.4	264.3	264.1
117.5°	299.6	299.2	298.8	298.4	298.8	299.2	299.6	299.9	300.2	300.2	300.2
120°	323.5	323.2	323.0	322.7	323.0	323.2	323.5	323.8	324.0	324.2	324.2
122.5°	347.1	346.7	346.3	345.9	346.3	346.7	347.1	347.5	347.9	348.2	348.6
125°	382.5	382.0	381.4	380.9	381.4	382.0	382.5	383.1	383.7	384.2	384.8
127.5°	417.6	417.0	416.4	415.7	416.4	417.0	417.6	418.3	419.0	419.7	420.5
130°	441.4	440.5	439.5	438.5	439.5	440.5	441.4	442.4	443.1	443.7	444.3
132.5°	464.5	463.7	463.0	462.3	463.0	463.7	464.5	465.2	466.0	466.6	467.3
135°	500.0	499.8	499.5	499.2	499.5	499.8	500.0	500.3	500.7	501.3	501.8
137.5°	533.4	532.8	532.3	531.8	532.3	532.8	533.4	533.9	534.4	535.0	535.6
140°	556.0	555.0	554.1	553.1	554.1	555.0	556.0	557.0	557.5	557.6	557.8
142.5°	577.1	576.4	575.6	574.9	575.6	576.4	577.1	577.9	578.3	578.5	578.6
145°	608.0	607.4	606.9	606.3	606.9	607.4	608.0	608.6	608.9	609.0	609.2
147.5°	636.8	636.0	635.2	634.4	635.2	636.0	636.8	637.6	638.1	638.1	638.1
150°	654.7	653.9	653.0	652.2	653.0	653.9	654.7	655.5	655.9	655.9	655.9
152.5°	671.7	671.0	670.3	669.6	670.3	671.0	671.7	672.4	672.6	672.4	672.2
155°	695.9	695.0	694.0	693.1	694.0	695.0	695.9	696.9	697.1	696.6	696.0
157.5°	716.8	716.1	715.3	714.5	715.3	716.1	716.8	717.6	717.6	717.1	716.5
160°	730.0	729.4	728.9	728.3	728.9	729.4	730.0	730.6	730.5	729.8	729.1
162.5°	741.4	740.5	739.7	738.8	739.7	740.5	741.4	742.3	742.4	741.7	741.0
165°	756.7	755.7	754.7	753.8	754.7	755.7	756.7	757.6	757.7	756.9	756.1
167.5°	769.1	768.3	767.4	766.5	767.4	768.3	769.1	769.9	769.9	769.1	768.3
170°	775.9	774.9	774.0	772.9	774.0	774.9	775.9	776.8	776.8	775.9	774.9
172.5°	780.8	779.8	778.9	777.9	778.9	779.8	780.8	781.8	781.8	781.0	780.1
175°	786.4	785.4	784.4	783.5	784.4	785.4	786.4	787.3	787.4	786.6	785.8
177.5°	788.8	788.0	787.3	786.5	787.3	788.0	788.8	789.6	789.6	788.9	788.3
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	924.7	929.4	934.0	938.3	945.0	947.9	952.3	953.9	958.9	966.2	972.2
5°	868.5	875.1	883.8	890.9	902.1	910.8	920.4	929.5	940.2	955.6	969.2
7.5°	820.8	827.4	837.8	850.9	863.2	875.6	888.7	901.1	916.5	938.5	960.3
10°	789.3	797.2	809.6	823.7	839.0	851.0	866.4	882.2	901.3	926.5	952.7
12.5°	762.1	767.9	782.4	795.8	813.2	828.5	843.5	861.9	883.7	910.6	942.1
15°	718.7	727.1	741.2	756.1	774.4	790.5	810.0	832.4	853.6	886.8	924.9
17.5°	675.3	687.9	702.6	719.5	732.9	755.3	776.4	799.4	825.5	860.6	902.5
20°	647.5	657.4	671.1	695.5	713.4	730.4	749.9	778.5	802.6	842.3	885.9
22.5°	623.8	631.1	646.5	666.7	687.5	707.2	727.0	754.2	783.9	821.8	868.9
25°	588.9	600.6	612.2	626.7	649.1	672.7	694.3	717.5	749.0	789.3	840.3
27.5°	554.8	565.4	576.9	594.7	611.6	633.7	656.3	682.9	716.8	759.3	811.1
30°	533.0	540.8	551.6	574.4	589.8	608.9	635.4	659.0	690.5	735.8	790.5
32.5°	510.4	520.6	532.3	549.9	568.9	586.9	611.2	636.8	669.0	713.5	769.6
35°	478.2	490.2	502.2	515.1	534.2	552.9	573.1	601.3	634.1	677.3	732.5
37.5°	448.6	458.3	468.1	484.0	502.1	519.8	538.8	566.6	597.5	644.0	694.6
40°	429.7	438.4	445.8	462.5	479.8	498.9	517.6	542.1	575.3	618.8	667.7
42.5°	409.1	417.2	427.3	440.8	459.6	475.7	494.4	517.5	548.7	592.9	635.9
45°	378.3	387.4	396.1	408.9	427.6	443.4	459.9	482.0	513.9	550.4	588.5
47.5°	346.2	355.3	365.2	377.6	394.0	410.0	426.5	446.0	475.2	511.0	536.7
50°	325.6	333.0	343.0	355.5	370.3	387.4	402.3	423.4	451.2	479.4	501.8
52.5°	304.4	311.2	322.4	335.6	349.4	364.2	380.1	398.2	423.3	449.9	467.7
55°	271.2	279.6	289.1	301.9	315.6	328.0	343.4	362.1	382.0	401.9	413.9
57.5°	240.3	247.2	255.2	268.5	280.4	295.2	309.0	323.5	341.9	357.0	364.8
60°	217.8	223.9	234.3	246.0	257.1	270.0	285.7	300.3	314.4	326.4	332.6
62.5°	196.5	203.7	212.8	223.4	235.6	247.8	261.6	273.7	286.1	296.5	300.8
65°	168.8	174.6	181.3	191.2	201.1	213.6	224.3	236.8	246.0	251.8	255.5
67.5°	143.6	147.4	152.5	159.1	168.9	179.7	190.2	199.9	207.6	211.5	214.8
70°	127.3	129.8	133.6	140.2	147.7	157.2	167.9	175.0	181.6	185.0	188.3
72.5°	111.1	114.2	117.6	122.9	129.0	135.9	143.8	152.5	156.1	160.1	162.1
75°	84.2	88.7	93.3	96.6	100.8	106.2	113.2	118.6	120.7	124.0	124.5
77.5°	63.5	64.6	67.9	72.0	75.5	79.4	83.9	88.6	89.7	91.4	92.5
80°	52.3	52.3	52.3	54.7	58.9	61.8	65.9	68.4	70.1	70.5	70.9
82.5°	42.0	42.0	41.7	42.1	43.6	45.2	49.0	51.8	53.2	52.9	52.0
85°	27.4	26.5	26.5	26.1	26.5	25.7	25.3	26.9	29.5	29.5	28.6
87.5°	14.3	13.9	13.9	13.2	12.5	11.8	10.5	10.5	10.3	11.3	10.8
90°	15.4	14.9	13.1	11.2	9.5	7.7	6.1	4.8	3.4	2.0	0.6
92.5°	24.2	23.8	22.7	21.8	20.8	19.7	18.7	17.8	16.9	15.9	15.0
95°	46.4	45.9	44.8	43.6	42.5	41.4	40.4	39.5	38.5	37.5	36.5
97.5°	72.3	71.7	70.9	70.1	69.3	68.5	67.8	67.0	66.3	65.6	64.9
100°	91.5	91.0	90.4	89.7	89.0	88.3	87.5	86.7	85.9	85.1	84.2
102.5°	113.3	112.9	111.9	111.1	110.1	109.2	108.5	108.1	107.5	107.0	106.5
105°	146.2	146.2	145.0	143.7	142.4	141.2	140.5	140.2	139.9	139.7	139.3
107.5°	180.9	180.5	180.0	179.5	179.0	178.5	178.2	178.0	177.8	177.7	177.5
110°	204.3	203.7	203.5	203.2	203.0	202.6	202.4	202.1	201.8	201.5	201.3

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	227.8	227.0	227.0	227.0	226.9	226.8	226.7	226.6	226.4	226.2	226.1
115°	264.0	263.9	264.1	264.4	264.7	265.0	264.9	264.4	264.0	263.6	263.2
117.5°	300.2	300.2	300.6	301.0	301.3	301.7	301.7	301.4	301.2	301.0	300.6
120°	324.4	324.6	325.3	325.9	326.6	327.3	327.3	326.4	325.6	324.7	323.9
122.5°	349.0	349.4	349.7	350.1	350.4	350.8	350.6	350.0	349.4	348.8	348.2
125°	385.3	385.9	386.1	386.4	386.7	387.0	386.9	386.5	386.0	385.6	385.2
127.5°	421.3	422.0	422.3	422.6	422.9	423.3	422.9	422.1	421.2	420.3	419.5
130°	444.7	445.3	445.8	446.2	446.6	446.9	446.6	445.5	444.4	443.3	442.2
132.5°	467.9	468.6	468.9	469.2	469.5	469.8	469.4	468.3	467.2	466.1	465.0
135°	502.4	503.0	503.0	503.2	503.4	503.5	503.1	502.3	501.5	500.7	499.8
137.5°	536.1	536.7	536.4	536.0	535.7	535.3	534.8	534.1	533.4	532.7	532.0
140°	557.9	558.0	557.9	557.8	557.6	557.5	557.1	556.4	555.7	555.0	554.3
142.5°	578.7	578.8	578.6	578.4	578.1	577.9	577.4	576.7	576.0	575.4	574.6
145°	609.3	609.4	609.0	608.6	608.2	607.8	607.4	607.2	606.9	606.7	606.3
147.5°	638.1	638.1	637.7	637.3	636.9	636.5	636.1	635.6	635.1	634.6	634.1
150°	655.9	655.9	655.6	655.4	655.1	654.8	654.5	654.3	653.9	653.7	653.4
152.5°	672.0	671.8	671.6	671.5	671.3	671.1	670.8	670.4	670.0	669.6	669.3
155°	695.5	694.9	694.8	694.7	694.5	694.3	694.3	694.3	694.3	694.3	694.3
157.5°	716.0	715.3	715.3	715.2	715.0	714.9	714.9	715.1	715.3	715.4	715.6
160°	728.4	727.8	727.8	727.8	727.8	727.8	727.9	728.2	728.4	728.7	729.0
162.5°	740.3	739.7	739.5	739.4	739.3	739.2	739.3	739.7	740.1	740.5	740.8
165°	755.2	754.4	754.4	754.4	754.4	754.4	754.6	755.0	755.4	755.8	756.2
167.5°	767.4	766.5	766.4	766.3	766.2	766.1	766.3	766.8	767.4	767.9	768.5
170°	774.0	772.9	772.9	772.9	772.9	772.9	773.2	773.8	774.4	774.9	775.5
172.5°	779.3	778.4	778.4	778.4	778.4	778.4	778.7	779.3	779.8	780.4	780.9
175°	785.0	784.1	784.1	784.1	784.1	784.1	784.4	785.0	785.5	786.0	786.6
177.5°	787.6	787.0	787.0	787.0	787.0	787.0	787.2	787.6	788.1	788.5	788.9
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	974.1	977.8	982.5	989.4	994.7	999.3	1000.4	1001.7	1005.0	1010.7	1014.9
5°	980.5	990.0	1005.4	1020.3	1036.5	1049.7	1062.2	1070.9	1079.2	1096.6	1110.7
7.5°	978.5	999.7	1023.7	1050.6	1077.7	1104.0	1128.4	1150.2	1171.9	1197.3	1226.2
10°	977.2	1002.0	1034.4	1068.8	1106.5	1143.4	1179.2	1206.9	1239.3	1268.3	1305.2
12.5°	970.8	1006.7	1045.4	1089.4	1135.8	1178.3	1225.3	1263.7	1300.7	1342.6	1385.5
15°	962.7	1006.2	1055.1	1113.6	1184.1	1235.6	1283.7	1350.4	1396.1	1441.7	1503.0
17.5°	947.6	1000.8	1061.9	1137.9	1196.7	1265.8	1338.2	1391.0	1452.5	1516.7	1572.3
20°	935.6	997.4	1065.9	1140.6	1215.6	1290.7	1360.8	1423.8	1487.3	1561.5	1607.2
22.5°	923.8	984.8	1056.0	1135.3	1215.9	1295.0	1374.4	1448.3	1519.8	1594.7	1653.0
25°	898.3	970.9	1048.1	1128.9	1208.6	1295.7	1390.2	1472.7	1561.1	1638.2	1693.4
27.5°	872.6	939.1	1016.0	1098.0	1186.5	1289.4	1400.7	1494.5	1583.0	1638.2	1655.6
30°	849.4	919.9	990.4	1073.8	1169.6	1284.4	1402.6	1510.1	1582.7	1606.7	1588.9
32.5°	825.9	889.7	959.6	1044.9	1146.7	1272.2	1405.3	1500.8	1544.5	1526.1	1453.5
35°	784.3	841.9	909.5	995.0	1111.9	1265.4	1394.4	1459.0	1448.3	1344.6	1207.8
37.5°	739.8	786.8	849.4	938.7	1075.9	1238.4	1347.3	1356.8	1263.5	1104.3	946.2
40°	704.6	746.9	811.3	904.6	1048.1	1211.9	1299.8	1261.2	1116.5	939.4	807.6
42.5°	670.5	706.2	768.1	868.7	1021.5	1175.8	1229.2	1145.1	978.1	810.6	690.7
45°	612.6	646.2	708.4	811.7	967.2	1106.5	1099.5	953.5	786.4	651.6	552.0
47.5°	557.7	587.0	645.4	750.8	903.4	1002.8	936.9	781.6	639.8	531.6	460.7
50°	518.9	547.9	605.9	710.0	852.3	924.9	830.8	681.0	551.2	461.6	405.2
52.5°	481.7	510.1	563.2	664.6	790.6	834.0	732.8	594.1	485.8	408.5	360.0
55°	429.7	451.2	498.9	596.0	690.1	700.1	597.6	481.5	392.4	338.4	305.2
57.5°	376.7	395.2	442.4	519.7	585.7	580.6	483.5	382.9	322.9	282.9	258.8
60°	342.1	360.4	401.9	468.3	518.0	500.6	411.5	330.6	279.1	249.7	230.6
62.5°	310.0	324.2	363.1	411.5	447.3	427.6	351.7	284.8	244.0	219.1	204.1
65°	263.4	275.0	306.1	331.4	351.3	332.2	269.2	222.7	193.3	175.9	165.5
67.5°	219.0	226.5	246.1	255.2	269.3	248.3	202.4	171.3	154.6	139.8	132.6
70°	191.2	196.6	207.0	214.4	218.2	196.6	162.6	139.7	125.6	115.3	110.7
72.5°	163.3	168.0	170.2	176.3	174.4	154.2	130.7	112.6	102.4	95.4	89.5
75°	124.8	126.9	124.8	122.3	116.9	102.8	86.7	77.6	70.1	66.8	64.7
77.5°	91.0	90.3	87.5	83.6	74.4	65.5	56.8	53.8	50.5	48.8	48.0
80°	70.1	68.4	65.9	59.7	51.8	45.6	43.6	41.5	40.2	38.2	37.7
82.5°	52.2	51.2	47.1	41.8	36.3	33.4	31.6	30.9	29.6	28.5	28.4
85°	27.8	26.5	21.9	19.1	18.2	17.4	17.0	17.0	15.4	14.9	14.9
87.5°	9.3	7.6	7.6	6.9	7.2	6.9	7.6	7.3	7.3	7.8	7.2
90°	2.0	3.4	4.8	6.1	7.7	9.5	11.2	13.1	14.9	15.4	16.0
92.5°	15.9	16.9	17.8	18.7	19.7	20.8	21.8	22.7	23.8	24.2	24.6
95°	37.5	38.5	39.5	40.4	41.4	42.5	43.6	44.8	45.9	46.4	46.9
97.5°	65.6	66.3	67.0	67.8	68.5	69.3	70.1	70.9	71.7	72.3	73.0
100°	85.1	85.9	86.7	87.5	88.3	89.0	89.7	90.4	91.0	91.5	91.9
102.5°	107.0	107.5	108.1	108.5	109.2	110.1	111.1	111.9	112.9	113.3	113.7
105°	139.7	139.9	140.2	140.5	141.2	142.4	143.7	145.0	146.2	146.2	146.2
107.5°	177.7	177.8	178.0	178.2	178.5	179.0	179.5	180.0	180.5	180.9	181.3
110°	201.5	201.8	202.1	202.4	202.6	203.0	203.2	203.5	203.7	204.3	204.9

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	226.2	226.4	226.6	226.7	226.8	226.9	227.0	227.0	227.0	227.8	228.4
115°	263.6	264.0	264.4	264.9	265.0	264.7	264.4	264.1	263.9	264.0	264.1
117.5°	301.0	301.2	301.4	301.7	301.7	301.3	301.0	300.6	300.2	300.2	300.2
120°	324.7	325.6	326.4	327.3	327.3	326.6	325.9	325.3	324.6	324.4	324.2
122.5°	348.8	349.4	350.0	350.6	350.8	350.4	350.1	349.7	349.4	349.0	348.6
125°	385.6	386.0	386.5	386.9	387.0	386.7	386.4	386.1	385.9	385.3	384.8
127.5°	420.3	421.2	422.1	422.9	423.3	422.9	422.6	422.3	422.0	421.3	420.5
130°	443.3	444.4	445.5	446.6	446.9	446.6	446.2	445.8	445.3	444.7	444.3
132.5°	466.1	467.2	468.3	469.4	469.8	469.5	469.2	468.9	468.6	467.9	467.3
135°	500.7	501.5	502.3	503.1	503.5	503.4	503.2	503.0	503.0	502.4	501.8
137.5°	532.7	533.4	534.1	534.8	535.3	535.7	536.0	536.4	536.7	536.1	535.6
140°	555.0	555.7	556.4	557.1	557.5	557.6	557.8	557.9	558.0	557.9	557.8
142.5°	575.4	576.0	576.7	577.4	577.9	578.1	578.4	578.6	578.8	578.7	578.6
145°	606.7	606.9	607.2	607.4	607.8	608.2	608.6	609.0	609.4	609.3	609.2
147.5°	634.6	635.1	635.6	636.1	636.5	636.9	637.3	637.7	638.1	638.1	638.1
150°	653.7	653.9	654.3	654.5	654.8	655.1	655.4	655.6	655.9	655.9	655.9
152.5°	669.6	670.0	670.4	670.8	671.1	671.3	671.5	671.6	671.8	672.0	672.2
155°	694.3	694.3	694.3	694.3	694.3	694.5	694.7	694.8	694.9	695.5	696.0
157.5°	715.4	715.3	715.1	714.9	714.9	715.0	715.2	715.3	715.3	716.0	716.5
160°	728.7	728.4	728.2	727.9	727.8	727.8	727.8	727.8	727.8	728.4	729.1
162.5°	740.5	740.1	739.7	739.3	739.2	739.3	739.4	739.5	739.7	740.3	741.0
165°	755.8	755.4	755.0	754.6	754.4	754.4	754.4	754.4	754.4	755.2	756.1
167.5°	767.9	767.4	766.8	766.3	766.1	766.2	766.3	766.4	766.5	767.4	768.3
170°	774.9	774.4	773.8	773.2	772.9	772.9	772.9	772.9	772.9	774.0	774.9
172.5°	780.4	779.8	779.3	778.7	778.4	778.4	778.4	778.4	778.4	779.3	780.1
175°	786.0	785.5	785.0	784.4	784.1	784.1	784.1	784.1	784.1	785.0	785.8
177.5°	788.5	788.1	787.6	787.2	787.0	787.0	787.0	787.0	787.0	787.6	788.3
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5	788.5

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	968.8	968.8	968.8	968.8	968.8	968.8	968.8
2.5°	1021.9	1021.9	1023.3	1028.3	1028.9	1033.2	1031.9
5°	1123.2	1131.0	1133.9	1146.4	1153.8	1157.1	1150.5
7.5°	1246.9	1269.2	1279.7	1292.7	1304.2	1307.7	1298.6
10°	1337.1	1360.3	1379.9	1391.9	1403.1	1410.6	1420.1
12.5°	1424.4	1452.9	1471.5	1488.4	1500.0	1509.4	1511.0
15°	1519.2	1562.3	1595.1	1619.1	1631.2	1637.4	1634.9
17.5°	1614.9	1654.9	1678.2	1702.7	1719.4	1720.2	1720.7
20°	1669.0	1707.9	1734.9	1753.1	1771.8	1771.0	1775.1
22.5°	1705.1	1735.8	1756.4	1769.7	1776.2	1773.0	1773.8
25°	1722.0	1731.2	1727.4	1706.3	1700.9	1681.4	1684.7
27.5°	1634.7	1591.7	1547.0	1489.6	1444.3	1408.2	1410.0
30°	1516.3	1440.0	1352.9	1279.9	1214.4	1196.1	1157.1
32.5°	1350.8	1236.3	1134.2	1066.2	1010.0	994.7	960.8
35°	1070.1	958.9	854.0	790.9	766.0	731.2	730.8
37.5°	831.7	733.9	678.3	631.1	606.3	585.2	583.1
40°	699.7	623.4	581.5	547.5	523.0	507.2	503.5
42.5°	607.4	545.7	506.5	485.4	466.6	458.4	452.4
45°	496.1	454.6	427.2	408.1	399.4	393.2	389.8
47.5°	414.9	387.1	368.4	355.8	348.7	342.1	343.9
50°	370.8	348.0	334.3	322.3	316.9	312.3	312.8
52.5°	335.3	314.8	303.7	295.1	288.4	285.1	283.5
55°	284.6	271.6	260.5	254.2	250.5	246.0	244.7
57.5°	242.7	232.7	223.6	216.6	215.6	211.3	211.8
60°	214.8	206.5	199.1	195.4	192.4	188.7	190.0
62.5°	191.9	185.0	178.2	175.1	172.2	169.4	170.1
65°	157.2	150.5	146.4	144.7	143.5	142.3	141.0
67.5°	125.2	121.2	118.6	115.0	112.5	112.1	110.8
70°	105.4	100.0	95.4	90.9	89.6	89.2	89.6
72.5°	84.4	81.0	79.8	77.6	77.3	76.2	77.0
75°	63.5	62.2	61.4	59.7	59.7	59.7	59.7
77.5°	46.8	46.0	45.6	45.2	44.8	44.2	44.1
80°	36.5	36.0	35.3	35.3	34.9	35.3	34.9
82.5°	27.6	27.5	26.6	26.6	26.2	26.0	26.2
85°	14.1	13.7	14.5	13.7	14.1	13.3	14.1
87.5°	7.3	7.4	7.1	7.2	6.9	7.6	7.1
90°	16.5	17.0	17.5	17.7	18.1	18.3	18.6
92.5°	25.1	25.5	25.7	25.5	25.3	25.2	25.0
95°	47.5	48.0	48.3	48.3	48.3	48.3	48.3
97.5°	73.6	74.2	74.5	74.5	74.5	74.4	74.3
100°	92.3	92.7	93.1	93.3	93.6	93.9	94.1
102.5°	114.1	114.5	114.7	114.6	114.5	114.5	114.5
105°	146.2	146.2	146.3	146.6	146.9	147.1	147.4
107.5°	181.8	182.3	182.4	182.2	182.0	181.9	181.7
110°	205.4	206.0	206.1	205.8	205.6	205.3	205.0

TEST NUMBER: P332313-927

CATALOG NUMBER: S123RDIP-S775D805U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	229.0	229.7	230.0	230.0	229.9	229.8	229.8
115°	264.3	264.4	264.4	264.3	264.1	264.0	263.9
117.5°	300.2	300.2	299.9	299.6	299.2	298.8	298.4
120°	324.2	324.0	323.8	323.5	323.2	323.0	322.7
122.5°	348.2	347.9	347.5	347.1	346.7	346.3	345.9
125°	384.2	383.7	383.1	382.5	382.0	381.4	380.9
127.5°	419.7	419.0	418.3	417.6	417.0	416.4	415.7
130°	443.7	443.1	442.4	441.4	440.5	439.5	438.5
132.5°	466.6	466.0	465.2	464.5	463.7	463.0	462.3
135°	501.3	500.7	500.3	500.0	499.8	499.5	499.2
137.5°	535.0	534.4	533.9	533.4	532.8	532.3	531.8
140°	557.6	557.5	557.0	556.0	555.0	554.1	553.1
142.5°	578.5	578.3	577.9	577.1	576.4	575.6	574.9
145°	609.0	608.9	608.6	608.0	607.4	606.9	606.3
147.5°	638.1	638.1	637.6	636.8	636.0	635.2	634.4
150°	655.9	655.9	655.5	654.7	653.9	653.0	652.2
152.5°	672.4	672.6	672.4	671.7	671.0	670.3	669.6
155°	696.6	697.1	696.9	695.9	695.0	694.0	693.1
157.5°	717.1	717.6	717.6	716.8	716.1	715.3	714.5
160°	729.8	730.5	730.6	730.0	729.4	728.9	728.3
162.5°	741.7	742.4	742.3	741.4	740.5	739.7	738.8
165°	756.9	757.7	757.6	756.7	755.7	754.7	753.8
167.5°	769.1	769.9	769.9	769.1	768.3	767.4	766.5
170°	775.9	776.8	776.8	775.9	774.9	774.0	772.9
172.5°	781.0	781.8	781.8	780.8	779.8	778.9	777.9
175°	786.6	787.4	787.3	786.4	785.4	784.4	783.5
177.5°	788.9	789.6	789.6	788.8	788.0	787.3	786.5
180°	788.5	788.5	788.5	788.5	788.5	788.5	788.5

(END OF REPORT)