

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: P332927-927

Luminaire Tested: **SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P332927-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

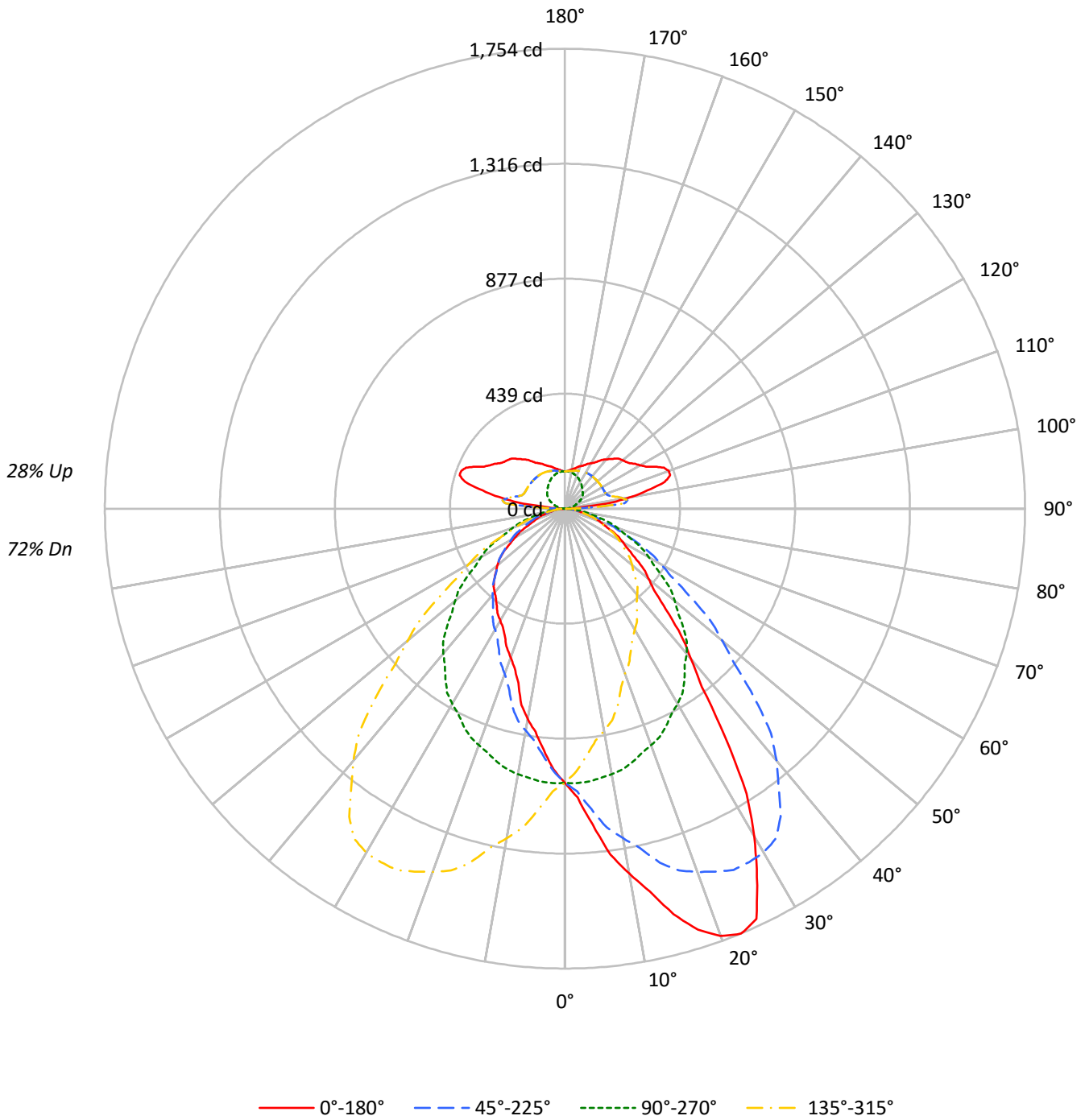
Lumens per Lamp: N/A  
Luminaire Lumens: 3680.5 lumens  
Efficiency: N/A  
Efficacy: 105.2 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 35  
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



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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				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	72
1	103	99	95	92	98	94	91	88	85	82	80	76	74	73	68	67	66	62
2	95	87	81	76	90	83	78	73	75	71	67	68	65	62	61	59	56	53
3	87	77	70	64	82	74	67	62	67	62	57	61	56	53	55	51	49	46
4	80	69	61	55	75	66	59	53	60	54	50	54	50	46	49	46	42	40
5	74	62	54	48	70	59	52	46	54	48	43	49	44	40	45	41	37	35
6	68	56	48	42	64	53	46	41	49	43	38	45	40	36	41	36	33	31
7	63	51	43	37	60	49	41	36	45	38	34	41	36	32	37	33	30	27
8	59	46	38	33	56	44	37	32	41	35	30	37	32	29	34	30	27	25
9	55	42	35	30	52	41	34	29	38	32	27	35	29	26	32	27	24	22
10	51	39	32	27	49	38	31	26	35	29	25	32	27	23	30	25	22	20

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	8442	8442	8442	8442
5°	9792	8468	7484	8468
10°	11584	8430	6679	8430
15°	13381	8352	5739	8352
20°	14898	8245	5191	8245
25°	15380	8141	4819	8141
30°	13463	8011	4595	8011
35°	10480	7823	4459	7823
40°	7860	7606	4387	7606
45°	6205	7258	4349	7258
50°	5238	6859	4222	6859
55°	4566	6415	3997	6415
60°	4108	5959	3538	5959
65°	3622	5465	3041	5465
70°	3262	4952	2745	4952
75°	2732	4389	2339	4389
80°	2311	3742	2194	3742
85°	1954	2927	1954	2927



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	101.3	2.8
10°-20°	305.6	8.3
20°-30°	478.0	13.0
30°-40°	531.4	14.4
40°-50°	471.5	12.8
50°-60°	367.4	10.0
60°-70°	240.5	6.5
70°-80°	118.3	3.2
80°-90°	30.0	0.8
90°-100°	102.9	2.8
100°-110°	214.2	5.8
110°-120°	191.9	5.2
120°-130°	161.4	4.4
130°-140°	134.6	3.7
140°-150°	102.8	2.8
150°-160°	72.3	2.0
160°-170°	42.5	1.2
170°-180°	13.8	0.4
0°-30°	885.0	24.0
0°-40°	1416.4	38.5
0°-60°	2255.3	61.3
0°-90°	2644.1	71.8
90°-120°	509.0	13.8
90°-150°	907.8	24.7
90°-180°	1036.0	28.1
0°-180°	3680.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1046	1046	1046	1046	1046	
5°	1208	1045	924	1045	1208	122
15°	1601	999	687	999	1601	455
25°	1727	914	541	914	1727	766
35°	1063	794	452	794	1063	667
45°	544	636	381	636	544	430
55°	324	456	284	456	324	295
65°	190	286	159	286	190	191
75°	88	141	75	141	88	96
85°	21	32	21	32	21	24
90°	6	0	6	0	6	6
95°	68	9	68	9	68	106
105°	394	33	394	33	394	389
115°	378	58	378	58	378	375
125°	302	80	302	80	302	274
135°	270	96	270	96	270	208
145°	220	110	220	110	220	140
155°	184	125	184	125	184	86
165°	161	136	161	136	161	46
175°	145	142	145	142	145	14
180°	142	142	142	142	142	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1103.0	1106.0	1103.0	1102.6	1099.3	1098.3	1096.9	1092.6	1084.4	1079.7	1080.8
5°	1208.3	1218.9	1213.0	1212.1	1202.8	1193.6	1187.6	1174.2	1159.8	1150.2	1142.2
7.5°	1330.2	1336.3	1332.5	1326.6	1311.6	1303.1	1289.4	1271.7	1246.0	1226.4	1208.4
10°	1413.1	1418.2	1416.4	1405.5	1394.6	1372.2	1359.5	1334.7	1302.3	1276.6	1252.6
12.5°	1494.6	1500.1	1485.2	1485.7	1465.0	1447.4	1427.4	1396.1	1358.6	1325.5	1295.4
15°	1601.0	1594.3	1594.3	1585.8	1562.7	1538.2	1517.6	1484.7	1437.5	1397.9	1356.2
17.5°	1684.3	1686.6	1683.1	1663.3	1645.0	1619.8	1581.9	1543.6	1499.8	1446.6	1404.0
20°	1734.1	1734.1	1730.4	1716.8	1693.3	1666.3	1625.4	1583.7	1528.1	1474.6	1426.6
22.5°	1754.4	1755.7	1751.2	1740.1	1718.9	1692.6	1657.8	1615.4	1558.1	1497.9	1438.4
25°	1726.6	1734.6	1735.4	1732.4	1726.1	1710.1	1680.2	1636.8	1585.4	1520.1	1456.0
27.5°	1585.2	1595.2	1604.1	1618.7	1638.1	1648.1	1649.5	1627.5	1582.6	1519.7	1455.3
30°	1444.2	1452.7	1480.0	1515.8	1543.7	1569.0	1590.9	1596.8	1571.5	1515.0	1447.2
32.5°	1287.9	1299.3	1326.7	1365.2	1411.6	1454.4	1503.6	1528.7	1528.0	1494.1	1431.4
35°	1063.4	1071.8	1097.1	1137.6	1193.2	1256.8	1334.7	1395.3	1436.7	1433.7	1395.3
37.5°	857.6	867.1	892.7	926.2	980.2	1058.9	1134.3	1217.9	1294.3	1337.1	1324.4
40°	745.8	746.2	771.0	805.6	856.1	924.8	1006.9	1099.6	1184.7	1254.3	1267.7
42.5°	657.4	657.5	673.9	711.1	747.6	812.2	890.7	982.7	1082.3	1162.6	1198.3
45°	543.5	547.3	560.8	583.1	611.7	666.5	729.3	814.8	926.5	1021.7	1081.1
47.5°	460.3	465.8	474.4	492.6	515.4	551.9	603.8	680.6	771.5	876.2	960.8
50°	417.1	418.0	428.9	439.0	458.8	487.9	533.4	597.4	680.8	781.6	875.5
52.5°	380.0	379.9	386.4	399.3	415.3	438.0	474.8	533.1	607.0	697.3	794.2
55°	324.4	326.5	331.6	341.7	353.9	369.9	398.9	442.8	501.0	578.1	666.1
57.5°	282.1	283.2	287.2	291.4	302.7	314.3	336.1	366.5	415.6	478.7	560.8
60°	254.4	254.9	256.2	262.4	271.3	282.3	297.0	322.7	364.0	421.8	486.6
62.5°	227.5	228.2	230.2	234.8	241.7	249.2	264.7	285.3	319.5	368.8	427.3
65°	189.6	190.0	193.0	194.6	200.1	206.8	218.2	232.1	255.7	297.0	341.3
67.5°	158.4	158.4	158.6	160.9	164.6	169.1	175.9	187.0	204.9	230.2	269.2
70°	138.2	138.2	139.0	140.3	142.4	146.2	150.0	158.4	171.5	192.1	222.0
72.5°	119.3	119.6	120.5	120.7	121.8	124.9	127.8	133.2	142.8	158.4	182.6
75°	87.6	88.9	91.0	92.7	94.8	94.3	97.4	100.7	103.6	112.9	126.8
77.5°	65.2	64.6	64.8	66.2	66.5	66.9	69.0	71.6	73.8	78.2	83.2
80°	49.7	49.7	51.0	51.4	51.0	51.4	53.5	54.7	55.6	57.3	61.9
82.5°	37.5	38.3	37.9	38.3	38.5	38.9	40.7	41.0	41.8	42.5	44.4
85°	21.1	21.5	21.9	21.1	21.1	21.1	21.9	22.3	23.2	22.7	23.6
87.5°	8.6	8.2	8.6	8.6	8.9	8.6	8.8	9.4	8.7	9.1	9.0
90°	5.9	5.9	6.2	5.9	5.6	5.6	5.3	5.1	4.8	5.1	4.5
92.5°	21.5	21.5	22.5	24.0	27.3	33.0	41.4	55.0	74.0	88.8	77.7
95°	68.3	71.9	77.0	85.6	99.4	126.5	164.1	207.5	234.6	228.1	172.2
97.5°	182.6	188.5	196.9	213.7	233.8	263.0	290.4	306.5	294.8	240.3	161.1
100°	256.7	259.0	267.4	284.5	308.8	329.5	343.3	337.6	296.8	225.1	146.2
102.5°	321.2	323.1	331.9	344.3	359.2	367.8	363.8	336.1	280.0	206.0	136.1
105°	394.0	395.6	399.5	401.8	401.2	389.8	362.0	313.5	249.5	183.6	127.4
107.5°	420.9	420.2	417.4	411.0	397.2	372.2	333.2	281.6	224.8	171.1	125.8
110°	421.4	418.8	413.8	402.0	382.1	351.4	310.8	262.4	212.5	166.8	126.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	408.1	404.1	397.0	382.8	360.2	329.4	291.0	248.2	205.6	164.9	127.6
115°	378.3	376.0	367.0	350.2	328.1	301.3	268.5	234.1	199.1	163.8	130.2
117.5°	347.9	346.2	337.2	323.1	304.2	281.4	255.6	227.1	196.1	163.5	132.9
120°	331.0	327.9	320.6	308.2	292.3	272.4	250.0	223.9	194.6	163.5	135.0
122.5°	317.5	314.4	308.2	297.7	284.2	266.8	246.4	221.3	192.8	163.3	137.0
125°	301.8	300.2	294.9	286.7	275.5	260.1	240.7	216.7	189.8	163.0	140.0
127.5°	292.6	291.0	286.5	279.2	268.0	253.4	234.1	211.1	185.8	162.3	142.4
130°	287.2	285.6	281.1	274.1	262.6	247.8	228.8	206.6	183.4	162.1	144.2
132.5°	281.2	279.6	275.3	267.4	256.1	241.3	222.7	201.9	181.2	161.9	145.8
135°	269.9	268.2	263.7	255.9	244.7	230.7	213.7	195.4	177.8	161.5	148.1
137.5°	255.9	253.9	250.2	242.5	232.0	219.4	204.9	189.6	174.9	161.5	149.5
140°	245.8	243.6	239.6	233.5	223.7	211.9	199.3	186.2	173.3	161.3	150.6
142.5°	235.0	233.5	230.0	224.3	215.6	205.4	194.6	183.1	172.0	161.3	151.5
145°	220.3	219.0	216.1	211.4	204.4	196.5	188.1	178.6	169.7	160.7	152.0
147.5°	207.3	206.8	204.7	200.6	195.4	189.3	182.5	175.0	167.6	159.7	152.3
150°	199.9	199.6	198.0	194.3	189.8	184.8	179.2	172.8	166.0	159.0	152.3
152.5°	193.2	192.9	191.9	188.9	185.1	181.0	175.9	170.3	164.2	157.9	151.9
155°	184.5	184.5	183.6	181.4	178.6	175.2	171.0	166.6	161.5	156.2	151.2
157.5°	176.9	176.9	176.4	174.7	172.6	169.9	166.4	162.6	158.8	154.5	150.4
160°	172.2	172.2	171.9	170.2	168.6	166.3	163.2	160.2	156.8	153.1	149.8
162.5°	167.7	167.9	167.6	166.0	164.8	162.7	160.3	157.7	155.0	151.8	149.1
165°	161.0	161.3	161.5	160.4	159.3	157.9	156.0	154.2	152.0	149.8	147.8
167.5°	155.7	155.9	156.0	155.2	154.6	153.8	152.3	151.0	149.3	147.7	146.5
170°	152.3	152.3	152.6	152.3	151.8	150.9	149.8	148.9	147.6	146.4	145.6
172.5°	148.9	149.4	149.6	149.4	149.1	148.5	147.7	147.2	146.0	145.0	144.7
175°	145.0	145.6	146.2	145.6	145.6	145.6	145.0	144.7	144.2	143.6	143.6
177.5°	142.8	143.1	143.6	143.4	143.6	143.4	143.4	143.1	143.0	142.8	142.8
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1077.4	1072.7	1070.3	1064.9	1058.5	1055.1	1052.1	1047.7	1042.0	1035.9	1031.5
5°	1132.0	1122.0	1109.3	1094.2	1080.7	1067.6	1056.2	1044.9	1031.8	1018.3	1004.8
7.5°	1188.2	1168.3	1146.8	1122.0	1097.8	1075.8	1055.6	1036.2	1014.2	994.7	976.8
10°	1227.2	1200.3	1170.4	1138.8	1107.2	1079.8	1052.9	1028.4	1001.5	977.5	957.2
12.5°	1258.9	1227.2	1191.3	1151.9	1114.0	1080.9	1049.8	1018.0	987.3	961.2	934.3
15°	1311.5	1268.1	1219.7	1172.5	1123.2	1078.2	1036.4	999.3	964.4	927.7	902.1
17.5°	1347.7	1296.2	1237.3	1180.6	1122.4	1069.2	1021.1	976.9	936.6	899.1	868.5
20°	1369.3	1312.4	1247.1	1182.6	1117.3	1060.4	1008.6	959.7	918.1	877.6	846.0
22.5°	1381.4	1318.4	1247.1	1179.6	1111.9	1050.4	993.5	942.5	897.1	856.7	821.7
25°	1385.3	1317.9	1245.0	1167.4	1093.3	1028.0	969.0	913.9	863.2	822.8	785.8
27.5°	1379.9	1300.5	1225.8	1146.3	1069.8	1000.9	939.1	881.1	830.4	787.0	749.0
30°	1371.8	1286.7	1206.7	1124.0	1046.6	980.4	915.0	859.4	806.8	761.8	723.4
32.5°	1354.2	1269.9	1183.7	1099.2	1020.6	952.4	890.5	834.6	782.9	736.8	696.1
35°	1319.5	1234.1	1140.5	1053.7	976.6	905.8	847.7	793.8	744.5	695.1	652.2
37.5°	1273.8	1186.5	1093.4	998.3	921.1	854.4	801.0	750.4	702.3	657.3	609.7
40°	1230.7	1151.0	1054.9	960.6	881.4	816.9	767.6	721.7	673.3	628.6	581.0
42.5°	1178.4	1110.6	1013.5	918.8	840.6	778.5	732.6	687.7	643.6	600.3	550.6
45°	1091.2	1039.8	948.8	857.8	779.0	717.5	675.3	635.7	597.0	555.7	509.0
47.5°	991.3	956.5	877.9	784.7	711.9	656.5	615.8	583.4	550.6	509.4	468.3
50°	921.9	899.5	823.6	738.6	669.1	618.1	576.4	546.1	518.6	479.0	442.4
52.5°	847.7	835.8	771.7	690.4	623.2	573.2	537.6	510.3	482.6	449.7	415.4
55°	734.7	741.1	686.7	616.4	553.2	511.0	478.6	455.8	432.3	404.5	378.0
57.5°	619.3	642.4	605.9	544.2	484.9	446.0	421.6	402.4	382.6	359.6	336.9
60°	550.2	569.6	549.0	494.6	442.8	406.5	383.8	369.1	349.3	328.2	310.9
62.5°	482.8	503.6	491.3	447.4	399.3	368.1	348.1	334.4	319.6	301.3	283.3
65°	398.2	411.6	405.8	375.4	341.3	314.7	296.2	286.1	272.6	259.1	243.1
67.5°	304.9	331.0	327.6	311.4	281.9	261.2	249.1	240.1	227.8	217.9	206.9
70°	250.6	274.7	274.3	261.2	245.2	225.9	217.4	209.8	198.8	189.2	180.3
72.5°	205.2	227.2	230.4	220.5	209.5	194.8	186.7	181.5	170.9	164.2	157.1
75°	143.7	159.7	163.9	163.9	158.8	151.2	144.1	140.7	133.2	127.2	123.0
77.5°	94.2	104.3	110.9	112.4	113.2	110.7	104.7	102.3	96.6	94.4	90.4
80°	66.5	73.3	80.9	83.4	85.6	84.7	82.1	80.5	75.0	72.9	71.2
82.5°	46.0	49.7	55.9	61.5	60.9	63.1	60.9	59.6	55.5	54.7	53.0
85°	24.0	24.4	25.3	29.1	31.2	32.0	32.5	31.6	30.3	30.3	27.4
87.5°	8.9	8.6	8.9	8.9	9.2	10.5	11.3	11.5	10.6	9.7	8.8
90°	3.9	3.9	2.2	2.2	2.0	1.7	0.9	0.3	0.9	1.7	2.0
92.5°	56.6	34.9	20.6	14.8	10.7	7.3	4.7	3.2	4.7	7.3	10.7
95°	105.3	59.3	35.0	23.2	16.6	12.9	10.1	9.3	10.1	12.9	16.6
97.5°	94.7	56.7	37.9	28.1	22.3	19.0	16.6	16.6	16.6	19.0	22.3
100°	89.0	57.4	40.9	31.9	26.6	23.2	21.3	21.3	21.3	23.2	26.6
102.5°	87.5	59.7	44.7	36.2	31.1	28.0	26.2	25.7	26.2	28.0	31.1
105°	88.2	65.0	51.5	43.4	38.3	35.0	33.6	32.8	33.6	35.0	38.3
107.5°	92.4	71.1	58.9	50.9	46.0	42.5	41.0	40.5	41.0	42.5	46.0
110°	95.5	75.9	63.5	56.0	50.9	47.6	46.2	45.6	46.2	47.6	50.9





TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	98.9	80.3	68.4	60.9	55.8	52.8	51.1	50.5	51.1	52.8	55.8
115°	104.2	87.4	76.1	68.6	63.3	60.4	58.5	57.7	58.5	60.4	63.3
117.5°	109.6	94.1	83.5	75.7	70.7	67.6	65.8	65.0	65.8	67.6	70.7
120°	113.4	98.9	88.2	80.3	75.6	72.5	70.6	70.0	70.6	72.5	75.6
122.5°	117.0	103.3	92.7	85.1	79.9	77.0	75.0	74.5	75.0	77.0	79.9
125°	122.3	109.5	99.4	91.6	86.3	83.2	81.4	80.3	81.4	83.2	86.3
127.5°	127.0	115.2	105.4	97.5	92.0	88.5	86.4	85.6	86.4	88.5	92.0
130°	129.9	119.0	109.5	101.3	96.0	91.8	89.6	88.5	89.6	91.8	96.0
132.5°	132.8	122.2	112.6	105.0	99.2	95.2	92.3	91.4	92.3	95.2	99.2
135°	136.7	126.5	117.3	110.0	104.2	99.4	96.6	95.5	96.6	99.4	104.2
137.5°	139.3	129.9	121.3	114.3	108.2	103.7	100.6	99.6	100.6	103.7	108.2
140°	141.1	132.1	123.7	117.0	111.1	106.4	103.3	102.5	103.3	106.4	111.1
142.5°	142.4	134.2	126.0	119.5	113.8	109.3	106.5	105.6	106.5	109.3	113.8
145°	143.9	136.3	129.0	122.9	117.6	113.7	110.9	110.0	110.9	113.7	117.6
147.5°	145.2	138.6	131.7	126.2	121.8	117.8	115.3	115.0	115.3	117.8	121.8
150°	145.8	139.7	133.6	128.3	124.1	120.6	118.4	118.1	118.4	120.6	124.1
152.5°	146.3	140.6	135.1	130.2	126.5	123.3	121.1	121.0	121.1	123.3	126.5
155°	146.7	142.0	137.2	133.0	129.9	127.1	125.4	125.2	125.4	127.1	129.9
157.5°	146.7	142.9	138.9	135.5	132.8	130.7	129.1	129.1	129.1	130.7	132.8
160°	146.7	143.4	140.0	136.9	134.7	132.7	131.6	131.6	131.6	132.7	134.7
162.5°	146.7	143.8	140.7	138.2	136.3	134.5	133.6	133.8	133.6	134.5	136.3
165°	146.2	143.9	141.4	139.7	138.3	136.9	136.3	136.3	136.3	136.9	138.3
167.5°	145.4	143.9	142.0	140.7	139.9	138.9	138.6	138.9	138.6	138.9	139.9
170°	145.0	143.6	142.2	141.4	140.9	140.0	139.7	140.0	139.7	140.0	140.9
172.5°	144.6	143.4	142.4	141.8	141.5	140.9	140.9	141.1	140.9	140.9	141.5
175°	143.9	143.1	142.5	142.5	142.2	142.0	142.0	142.2	142.0	142.0	142.2
177.5°	143.1	142.8	142.5	142.5	142.5	142.3	142.5	142.8	142.5	142.3	142.5
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1026.8	1023.4	1019.1	1014.0	1008.0	1002.6	1000.2	1002.2	1003.2	1000.5	1000.2
5°	995.5	985.0	976.6	963.9	953.9	945.4	939.5	937.0	937.9	931.1	929.4
7.5°	960.4	947.9	934.1	919.2	905.1	892.8	886.3	882.7	875.6	872.5	867.4
10°	937.9	921.0	907.5	889.8	873.8	859.0	851.9	846.0	838.8	835.4	828.3
12.5°	914.6	895.0	880.2	861.8	845.5	827.7	820.9	809.9	798.8	791.6	782.4
15°	881.8	858.3	840.1	818.2	798.8	778.6	760.5	740.2	732.7	716.7	707.4
17.5°	843.4	819.5	797.1	767.7	737.8	712.7	693.4	674.0	662.4	652.2	647.5
20°	818.2	796.3	765.1	730.9	697.7	669.9	654.3	641.7	629.0	621.9	616.8
22.5°	794.2	766.3	730.1	693.2	660.0	638.2	625.0	612.0	601.7	594.9	588.1
25°	754.2	717.5	679.1	637.0	614.3	595.3	581.0	570.5	564.1	555.3	551.9
27.5°	713.0	668.5	626.2	597.9	574.3	556.9	544.4	536.5	528.5	522.8	518.5
30°	681.3	636.2	598.3	571.3	547.3	533.0	522.8	513.6	507.2	502.6	499.2
32.5°	649.9	604.8	573.0	544.0	525.1	511.0	500.3	493.4	488.4	482.4	480.4
35°	604.6	564.6	536.8	510.6	491.2	478.6	470.2	463.0	458.8	457.1	455.8
37.5°	561.0	528.2	498.4	476.9	459.6	449.7	439.7	436.3	433.3	430.3	431.7
40°	533.4	502.6	476.1	453.4	439.4	428.5	422.6	418.4	415.8	415.8	415.8
42.5°	509.5	479.3	453.5	433.1	419.2	410.0	403.4	399.8	398.9	398.6	400.7
45°	472.3	444.5	418.4	401.5	389.7	380.4	376.7	373.7	373.7	375.4	375.8
47.5°	435.5	409.4	388.5	369.6	358.8	353.0	349.7	348.2	348.3	350.1	352.0
50°	412.9	387.2	366.5	349.7	339.6	334.1	331.1	330.3	331.1	331.1	334.1
52.5°	388.2	365.3	345.0	330.8	319.3	314.2	312.6	311.4	312.0	313.3	314.6
55°	352.2	331.6	312.2	298.7	290.3	286.9	283.1	283.5	282.7	283.5	283.5
57.5°	316.1	297.5	279.5	268.8	261.4	256.5	252.4	253.6	252.3	252.2	251.4
60°	292.8	272.6	258.3	248.6	240.1	235.9	232.1	233.0	231.7	230.8	229.2
62.5°	267.5	250.6	237.0	227.7	220.9	216.0	212.2	211.4	208.5	205.6	201.9
65°	230.8	217.0	204.8	195.9	189.6	185.8	182.8	180.3	174.0	167.2	163.9
67.5°	195.3	185.2	173.8	166.4	161.2	156.2	150.6	146.3	140.4	136.7	134.6
70°	172.3	162.6	153.0	145.8	140.3	135.7	129.4	126.4	122.2	120.5	118.4
72.5°	150.4	141.4	132.4	125.9	120.1	116.5	111.5	108.5	106.7	106.0	103.9
75°	117.2	110.0	103.2	97.4	92.7	90.2	88.1	86.0	85.1	81.3	79.2
77.5°	85.5	80.7	76.5	72.3	69.0	67.3	63.3	60.8	59.4	57.7	57.2
80°	66.5	63.2	59.0	56.5	51.8	50.1	48.5	48.0	47.6	47.2	46.7
82.5°	50.1	46.7	42.5	41.0	39.7	38.7	37.6	37.2	36.8	37.1	37.0
85°	25.3	23.6	23.6	23.2	22.7	22.3	21.9	21.9	21.5	21.9	21.5
87.5°	8.9	8.6	8.9	8.2	8.6	8.8	8.4	8.4	8.8	8.2	8.2
90°	2.2	2.2	3.9	3.9	4.5	5.1	4.8	5.1	5.3	5.6	5.6
92.5°	14.8	20.6	34.9	56.6	77.7	88.8	74.0	55.0	41.4	33.0	27.3
95°	23.2	35.0	59.3	105.3	172.2	228.1	234.6	207.5	164.1	126.5	99.4
97.5°	28.1	37.9	56.7	94.7	161.1	240.3	294.8	306.5	290.4	263.0	233.8
100°	31.9	40.9	57.4	89.0	146.2	225.1	296.8	337.6	343.3	329.5	308.8
102.5°	36.2	44.7	59.7	87.5	136.1	206.0	280.0	336.1	363.8	367.8	359.2
105°	43.4	51.5	65.0	88.2	127.4	183.6	249.5	313.5	362.0	389.8	401.2
107.5°	50.9	58.9	71.1	92.4	125.8	171.1	224.8	281.6	333.2	372.2	397.2
110°	56.0	63.5	75.9	95.5	126.3	166.8	212.5	262.4	310.8	351.4	382.1



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	60.9	68.4	80.3	98.9	127.6	164.9	205.6	248.2	291.0	329.4	360.2
115°	68.6	76.1	87.4	104.2	130.2	163.8	199.1	234.1	268.5	301.3	328.1
117.5°	75.7	83.5	94.1	109.6	132.9	163.5	196.1	227.1	255.6	281.4	304.2
120°	80.3	88.2	98.9	113.4	135.0	163.5	194.6	223.9	250.0	272.4	292.3
122.5°	85.1	92.7	103.3	117.0	137.0	163.3	192.8	221.3	246.4	266.8	284.2
125°	91.6	99.4	109.5	122.3	140.0	163.0	189.8	216.7	240.7	260.1	275.5
127.5°	97.5	105.4	115.2	127.0	142.4	162.3	185.8	211.1	234.1	253.4	268.0
130°	101.3	109.5	119.0	129.9	144.2	162.1	183.4	206.6	228.8	247.8	262.6
132.5°	105.0	112.6	122.2	132.8	145.8	161.9	181.2	201.9	222.7	241.3	256.1
135°	110.0	117.3	126.5	136.7	148.1	161.5	177.8	195.4	213.7	230.7	244.7
137.5°	114.3	121.3	129.9	139.3	149.5	161.5	174.9	189.6	204.9	219.4	232.0
140°	117.0	123.7	132.1	141.1	150.6	161.3	173.3	186.2	199.3	211.9	223.7
142.5°	119.5	126.0	134.2	142.4	151.5	161.3	172.0	183.1	194.6	205.4	215.6
145°	122.9	129.0	136.3	143.9	152.0	160.7	169.7	178.6	188.1	196.5	204.4
147.5°	126.2	131.7	138.6	145.2	152.3	159.7	167.6	175.0	182.5	189.3	195.4
150°	128.3	133.6	139.7	145.8	152.3	159.0	166.0	172.8	179.2	184.8	189.8
152.5°	130.2	135.1	140.6	146.3	151.9	157.9	164.2	170.3	175.9	181.0	185.1
155°	133.0	137.2	142.0	146.7	151.2	156.2	161.5	166.6	171.0	175.2	178.6
157.5°	135.5	138.9	142.9	146.7	150.4	154.5	158.8	162.6	166.4	169.9	172.6
160°	136.9	140.0	143.4	146.7	149.8	153.1	156.8	160.2	163.2	166.3	168.6
162.5°	138.2	140.7	143.8	146.7	149.1	151.8	155.0	157.7	160.3	162.7	164.8
165°	139.7	141.4	143.9	146.2	147.8	149.8	152.0	154.2	156.0	157.9	159.3
167.5°	140.7	142.0	143.9	145.4	146.5	147.7	149.3	151.0	152.3	153.8	154.6
170°	141.4	142.2	143.6	145.0	145.6	146.4	147.6	148.9	149.8	150.9	151.8
172.5°	141.8	142.4	143.4	144.6	144.7	145.0	146.0	147.2	147.7	148.5	149.1
175°	142.5	142.5	143.1	143.9	143.6	143.6	144.2	144.7	145.0	145.6	145.6
177.5°	142.5	142.5	142.8	143.1	142.8	142.8	143.0	143.1	143.4	143.4	143.6
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	998.1	998.9	996.5	995.8	996.5	998.9	998.1	1000.2	1000.5	1003.2	1002.2
5°	926.1	925.2	923.1	923.5	923.1	925.2	926.1	929.4	931.1	937.9	937.0
7.5°	864.4	861.1	862.0	858.6	862.0	861.1	864.4	867.4	872.5	875.6	882.7
10°	826.6	822.0	818.2	814.8	818.2	822.0	826.6	828.3	835.4	838.8	846.0
12.5°	775.1	771.1	766.0	767.0	766.0	771.1	775.1	782.4	791.6	798.8	809.9
15°	701.9	695.6	685.5	686.7	685.5	695.6	701.9	707.4	716.7	732.7	740.2
17.5°	640.0	640.1	635.4	636.5	635.4	640.1	640.0	647.5	652.2	662.4	674.0
20°	607.9	605.0	605.4	604.2	605.4	605.0	607.9	616.8	621.9	629.0	641.7
22.5°	585.7	582.1	579.2	576.6	579.2	582.1	585.7	588.1	594.9	601.7	612.0
25°	548.1	545.6	541.8	541.0	541.8	545.6	548.1	551.9	555.3	564.1	570.5
27.5°	515.1	514.6	513.1	511.1	513.1	514.6	515.1	518.5	522.8	528.5	536.5
30°	495.9	495.0	494.2	492.9	494.2	495.0	495.9	499.2	502.6	507.2	513.6
32.5°	478.7	478.2	477.4	477.4	477.4	478.2	478.7	480.4	482.4	488.4	493.4
35°	454.2	453.8	452.9	452.5	452.9	453.8	454.2	455.8	457.1	458.8	463.0
37.5°	431.3	432.4	431.8	431.7	431.8	432.4	431.3	431.7	430.3	433.3	436.3
40°	415.4	415.8	416.7	416.3	416.7	415.8	415.4	415.8	415.8	415.8	418.4
42.5°	402.3	402.3	403.5	402.1	403.5	402.3	402.3	400.7	398.6	398.9	399.8
45°	378.7	381.3	380.9	380.9	380.9	381.3	378.7	375.8	375.4	373.7	373.7
47.5°	353.1	355.2	355.8	355.8	355.8	355.2	353.1	352.0	350.1	348.3	348.2
50°	336.2	335.3	336.6	336.2	336.6	335.3	336.2	334.1	331.1	331.1	330.3
52.5°	315.7	315.8	315.8	315.3	315.8	315.8	315.7	314.6	313.3	312.0	311.4
55°	284.0	284.4	283.5	284.0	283.5	284.4	284.0	283.5	283.5	282.7	283.5
57.5°	249.6	247.6	248.4	247.4	248.4	247.6	249.6	251.4	252.2	252.3	253.6
60°	225.0	221.6	220.8	219.1	220.8	221.6	225.0	229.2	230.8	231.7	233.0
62.5°	197.3	195.0	192.1	193.5	192.1	195.0	197.3	201.9	205.6	208.5	211.4
65°	160.5	158.8	157.6	159.2	157.6	158.8	160.5	163.9	167.2	174.0	180.3
67.5°	132.8	132.0	132.0	131.1	132.0	132.0	132.8	134.6	136.7	140.4	146.3
70°	118.4	117.2	117.2	116.3	117.2	117.2	118.4	118.4	120.5	122.2	126.4
72.5°	103.5	102.3	102.7	102.1	102.7	102.3	103.5	103.9	106.0	106.7	108.5
75°	76.7	74.5	74.5	75.0	74.5	74.5	76.7	79.2	81.3	85.1	86.0
77.5°	57.2	56.8	57.4	56.6	57.4	56.8	57.2	57.2	57.7	59.4	60.8
80°	46.7	46.3	45.9	47.2	45.9	46.3	46.7	46.7	47.2	47.6	48.0
82.5°	36.3	36.2	36.1	37.8	36.1	36.2	36.3	37.0	37.1	36.8	37.2
85°	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.5	21.9	21.5	21.9
87.5°	9.0	8.6	8.2	8.6	8.2	8.6	9.0	8.2	8.2	8.8	8.4
90°	5.9	6.2	5.9	5.9	5.9	6.2	5.9	5.6	5.6	5.3	5.1
92.5°	24.0	22.5	21.5	21.5	21.5	22.5	24.0	27.3	33.0	41.4	55.0
95°	85.6	77.0	71.9	68.3	71.9	77.0	85.6	99.4	126.5	164.1	207.5
97.5°	213.7	196.9	188.5	182.6	188.5	196.9	213.7	233.8	263.0	290.4	306.5
100°	284.5	267.4	259.0	256.7	259.0	267.4	284.5	308.8	329.5	343.3	337.6
102.5°	344.3	331.9	323.1	321.2	323.1	331.9	344.3	359.2	367.8	363.8	336.1
105°	401.8	399.5	395.6	394.0	395.6	399.5	401.8	401.2	389.8	362.0	313.5
107.5°	411.0	417.4	420.2	420.9	420.2	417.4	411.0	397.2	372.2	333.2	281.6
110°	402.0	413.8	418.8	421.4	418.8	413.8	402.0	382.1	351.4	310.8	262.4



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	382.8	397.0	404.1	408.1	404.1	397.0	382.8	360.2	329.4	291.0	248.2
115°	350.2	367.0	376.0	378.3	376.0	367.0	350.2	328.1	301.3	268.5	234.1
117.5°	323.1	337.2	346.2	347.9	346.2	337.2	323.1	304.2	281.4	255.6	227.1
120°	308.2	320.6	327.9	331.0	327.9	320.6	308.2	292.3	272.4	250.0	223.9
122.5°	297.7	308.2	314.4	317.5	314.4	308.2	297.7	284.2	266.8	246.4	221.3
125°	286.7	294.9	300.2	301.8	300.2	294.9	286.7	275.5	260.1	240.7	216.7
127.5°	279.2	286.5	291.0	292.6	291.0	286.5	279.2	268.0	253.4	234.1	211.1
130°	274.1	281.1	285.6	287.2	285.6	281.1	274.1	262.6	247.8	228.8	206.6
132.5°	267.4	275.3	279.6	281.2	279.6	275.3	267.4	256.1	241.3	222.7	201.9
135°	255.9	263.7	268.2	269.9	268.2	263.7	255.9	244.7	230.7	213.7	195.4
137.5°	242.5	250.2	253.9	255.9	253.9	250.2	242.5	232.0	219.4	204.9	189.6
140°	233.5	239.6	243.6	245.8	243.6	239.6	233.5	223.7	211.9	199.3	186.2
142.5°	224.3	230.0	233.5	235.0	233.5	230.0	224.3	215.6	205.4	194.6	183.1
145°	211.4	216.1	219.0	220.3	219.0	216.1	211.4	204.4	196.5	188.1	178.6
147.5°	200.6	204.7	206.8	207.3	206.8	204.7	200.6	195.4	189.3	182.5	175.0
150°	194.3	198.0	199.6	199.9	199.6	198.0	194.3	189.8	184.8	179.2	172.8
152.5°	188.9	191.9	192.9	193.2	192.9	191.9	188.9	185.1	181.0	175.9	170.3
155°	181.4	183.6	184.5	184.5	184.5	183.6	181.4	178.6	175.2	171.0	166.6
157.5°	174.7	176.4	176.9	176.9	176.9	176.4	174.7	172.6	169.9	166.4	162.6
160°	170.2	171.9	172.2	172.2	172.2	171.9	170.2	168.6	166.3	163.2	160.2
162.5°	166.0	167.6	167.9	167.7	167.9	167.6	166.0	164.8	162.7	160.3	157.7
165°	160.4	161.5	161.3	161.0	161.3	161.5	160.4	159.3	157.9	156.0	154.2
167.5°	155.2	156.0	155.9	155.7	155.9	156.0	155.2	154.6	153.8	152.3	151.0
170°	152.3	152.6	152.3	152.3	152.3	152.6	152.3	151.8	150.9	149.8	148.9
172.5°	149.4	149.6	149.4	148.9	149.4	149.6	149.4	149.1	148.5	147.7	147.2
175°	145.6	146.2	145.6	145.0	145.6	146.2	145.6	145.6	145.6	145.0	144.7
177.5°	143.4	143.6	143.1	142.8	143.1	143.6	143.4	143.6	143.4	143.4	143.1
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1000.2	1002.6	1008.0	1014.0	1019.1	1023.4	1026.8	1031.5	1035.9	1042.0	1047.7
5°	939.5	945.4	953.9	963.9	976.6	985.0	995.5	1004.8	1018.3	1031.8	1044.9
7.5°	886.3	892.8	905.1	919.2	934.1	947.9	960.4	976.8	994.7	1014.2	1036.2
10°	851.9	859.0	873.8	889.8	907.5	921.0	937.9	957.2	977.5	1001.5	1028.4
12.5°	820.9	827.7	845.5	861.8	880.2	895.0	914.6	934.3	961.2	987.3	1018.0
15°	760.5	778.6	798.8	818.2	840.1	858.3	881.8	902.1	927.7	964.4	999.3
17.5°	693.4	712.7	737.8	767.7	797.1	819.5	843.4	868.5	899.1	936.6	976.9
20°	654.3	669.9	697.7	730.9	765.1	796.3	818.2	846.0	877.6	918.1	959.7
22.5°	625.0	638.2	660.0	693.2	730.1	766.3	794.2	821.7	856.7	897.1	942.5
25°	581.0	595.3	614.3	637.0	679.1	717.5	754.2	785.8	822.8	863.2	913.9
27.5°	544.4	556.9	574.3	597.9	626.2	668.5	713.0	749.0	787.0	830.4	881.1
30°	522.8	533.0	547.3	571.3	598.3	636.2	681.3	723.4	761.8	806.8	859.4
32.5°	500.3	511.0	525.1	544.0	573.0	604.8	649.9	696.1	736.8	782.9	834.6
35°	470.2	478.6	491.2	510.6	536.8	564.6	604.6	652.2	695.1	744.5	793.8
37.5°	439.7	449.7	459.6	476.9	498.4	528.2	561.0	609.7	657.3	702.3	750.4
40°	422.6	428.5	439.4	453.4	476.1	502.6	533.4	581.0	628.6	673.3	721.7
42.5°	403.4	410.0	419.2	433.1	453.5	479.3	509.5	550.6	600.3	643.6	687.7
45°	376.7	380.4	389.7	401.5	418.4	444.5	472.3	509.0	555.7	597.0	635.7
47.5°	349.7	353.0	358.8	369.6	388.5	409.4	435.5	468.3	509.4	550.6	583.4
50°	331.1	334.1	339.6	349.7	366.5	387.2	412.9	442.4	479.0	518.6	546.1
52.5°	312.6	314.2	319.3	330.8	345.0	365.3	388.2	415.4	449.7	482.6	510.3
55°	283.1	286.9	290.3	298.7	312.2	331.6	352.2	378.0	404.5	432.3	455.8
57.5°	252.4	256.5	261.4	268.8	279.5	297.5	316.1	336.9	359.6	382.6	402.4
60°	232.1	235.9	240.1	248.6	258.3	272.6	292.8	310.9	328.2	349.3	369.1
62.5°	212.2	216.0	220.9	227.7	237.0	250.6	267.5	283.3	301.3	319.6	334.4
65°	182.8	185.8	189.6	195.9	204.8	217.0	230.8	243.1	259.1	272.6	286.1
67.5°	150.6	156.2	161.2	166.4	173.8	185.2	195.3	206.9	217.9	227.8	240.1
70°	129.4	135.7	140.3	145.8	153.0	162.6	172.3	180.3	189.2	198.8	209.8
72.5°	111.5	116.5	120.1	125.9	132.4	141.4	150.4	157.1	164.2	170.9	181.5
75°	88.1	90.2	92.7	97.4	103.2	110.0	117.2	123.0	127.2	133.2	140.7
77.5°	63.3	67.3	69.0	72.3	76.5	80.7	85.5	90.4	94.4	96.6	102.3
80°	48.5	50.1	51.8	56.5	59.0	63.2	66.5	71.2	72.9	75.0	80.5
82.5°	37.6	38.7	39.7	41.0	42.5	46.7	50.1	53.0	54.7	55.5	59.6
85°	21.9	22.3	22.7	23.2	23.6	23.6	25.3	27.4	30.3	30.3	31.6
87.5°	8.4	8.8	8.6	8.2	8.9	8.6	8.9	8.8	9.7	10.6	11.5
90°	4.8	5.1	4.5	3.9	3.9	2.2	2.2	2.0	1.7	0.9	0.3
92.5°	74.0	88.8	77.7	56.6	34.9	20.6	14.8	10.7	7.3	4.7	3.2
95°	234.6	228.1	172.2	105.3	59.3	35.0	23.2	16.6	12.9	10.1	9.3
97.5°	294.8	240.3	161.1	94.7	56.7	37.9	28.1	22.3	19.0	16.6	16.6
100°	296.8	225.1	146.2	89.0	57.4	40.9	31.9	26.6	23.2	21.3	21.3
102.5°	280.0	206.0	136.1	87.5	59.7	44.7	36.2	31.1	28.0	26.2	25.7
105°	249.5	183.6	127.4	88.2	65.0	51.5	43.4	38.3	35.0	33.6	32.8
107.5°	224.8	171.1	125.8	92.4	71.1	58.9	50.9	46.0	42.5	41.0	40.5
110°	212.5	166.8	126.3	95.5	75.9	63.5	56.0	50.9	47.6	46.2	45.6



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	205.6	164.9	127.6	98.9	80.3	68.4	60.9	55.8	52.8	51.1	50.5
115°	199.1	163.8	130.2	104.2	87.4	76.1	68.6	63.3	60.4	58.5	57.7
117.5°	196.1	163.5	132.9	109.6	94.1	83.5	75.7	70.7	67.6	65.8	65.0
120°	194.6	163.5	135.0	113.4	98.9	88.2	80.3	75.6	72.5	70.6	70.0
122.5°	192.8	163.3	137.0	117.0	103.3	92.7	85.1	79.9	77.0	75.0	74.5
125°	189.8	163.0	140.0	122.3	109.5	99.4	91.6	86.3	83.2	81.4	80.3
127.5°	185.8	162.3	142.4	127.0	115.2	105.4	97.5	92.0	88.5	86.4	85.6
130°	183.4	162.1	144.2	129.9	119.0	109.5	101.3	96.0	91.8	89.6	88.5
132.5°	181.2	161.9	145.8	132.8	122.2	112.6	105.0	99.2	95.2	92.3	91.4
135°	177.8	161.5	148.1	136.7	126.5	117.3	110.0	104.2	99.4	96.6	95.5
137.5°	174.9	161.5	149.5	139.3	129.9	121.3	114.3	108.2	103.7	100.6	99.6
140°	173.3	161.3	150.6	141.1	132.1	123.7	117.0	111.1	106.4	103.3	102.5
142.5°	172.0	161.3	151.5	142.4	134.2	126.0	119.5	113.8	109.3	106.5	105.6
145°	169.7	160.7	152.0	143.9	136.3	129.0	122.9	117.6	113.7	110.9	110.0
147.5°	167.6	159.7	152.3	145.2	138.6	131.7	126.2	121.8	117.8	115.3	115.0
150°	166.0	159.0	152.3	145.8	139.7	133.6	128.3	124.1	120.6	118.4	118.1
152.5°	164.2	157.9	151.9	146.3	140.6	135.1	130.2	126.5	123.3	121.1	121.0
155°	161.5	156.2	151.2	146.7	142.0	137.2	133.0	129.9	127.1	125.4	125.2
157.5°	158.8	154.5	150.4	146.7	142.9	138.9	135.5	132.8	130.7	129.1	129.1
160°	156.8	153.1	149.8	146.7	143.4	140.0	136.9	134.7	132.7	131.6	131.6
162.5°	155.0	151.8	149.1	146.7	143.8	140.7	138.2	136.3	134.5	133.6	133.8
165°	152.0	149.8	147.8	146.2	143.9	141.4	139.7	138.3	136.9	136.3	136.3
167.5°	149.3	147.7	146.5	145.4	143.9	142.0	140.7	139.9	138.9	138.6	138.9
170°	147.6	146.4	145.6	145.0	143.6	142.2	141.4	140.9	140.0	139.7	140.0
172.5°	146.0	145.0	144.7	144.6	143.4	142.4	141.8	141.5	140.9	140.9	141.1
175°	144.2	143.6	143.6	143.9	143.1	142.5	142.5	142.2	142.0	142.0	142.2
177.5°	143.0	142.8	142.8	143.1	142.8	142.5	142.5	142.5	142.3	142.5	142.8
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5



TEST NUMBER: P332927-927

CATALOG NUMBER: SA4XXRDIP-C795D365U927-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1052.1	1055.1	1058.5	1064.9	1070.3	1072.7	1077.4	1080.8	1079.7	1084.4	1092.6
5°	1056.2	1067.6	1080.7	1094.2	1109.3	1122.0	1132.0	1142.2	1150.2	1159.8	1174.2
7.5°	1055.6	1075.8	1097.8	1122.0	1146.8	1168.3	1188.2	1208.4	1226.4	1246.0	1271.7
10°	1052.9	1079.8	1107.2	1138.8	1170.4	1200.3	1227.2	1252.6	1276.6	1302.3	1334.7
12.5°	1049.8	1080.9	1114.0	1151.9	1191.3	1227.2	1258.9	1295.4	1325.5	1358.6	1396.1
15°	1036.4	1078.2	1123.2	1172.5	1219.7	1268.1	1311.5	1356.2	1397.9	1437.5	1484.7
17.5°	1021.1	1069.2	1122.4	1180.6	1237.3	1296.2	1347.7	1404.0	1446.6	1499.8	1543.6
20°	1008.6	1060.4	1117.3	1182.6	1247.1	1312.4	1369.3	1426.6	1474.6	1528.1	1583.7
22.5°	993.5	1050.4	1111.9	1179.6	1247.1	1318.4	1381.4	1438.4	1497.9	1558.1	1615.4
25°	969.0	1028.0	1093.3	1167.4	1245.0	1317.9	1385.3	1456.0	1520.1	1585.4	1636.8
27.5°	939.1	1000.9	1069.8	1146.3	1225.8	1300.5	1379.9	1455.3	1519.7	1582.6	1627.5
30°	915.0	980.4	1046.6	1124.0	1206.7	1286.7	1371.8	1447.2	1515.0	1571.5	1596.8
32.5°	890.5	952.4	1020.6	1099.2	1183.7	1269.9	1354.2	1431.4	1494.1	1528.0	1528.7
35°	847.7	905.8	976.6	1053.7	1140.5	1234.1	1319.5	1395.3	1433.7	1436.7	1395.3
37.5°	801.0	854.4	921.1	998.3	1093.4	1186.5	1273.8	1324.4	1337.1	1294.3	1217.9
40°	767.6	816.9	881.4	960.6	1054.9	1151.0	1230.7	1267.7	1254.3	1184.7	1099.6
42.5°	732.6	778.5	840.6	918.8	1013.5	1110.6	1178.4	1198.3	1162.6	1082.3	982.7
45°	675.3	717.5	779.0	857.8	948.8	1039.8	1091.2	1081.1	1021.7	926.5	814.8
47.5°	615.8	656.5	711.9	784.7	877.9	956.5	991.3	960.8	876.2	771.5	680.6
50°	576.4	618.1	669.1	738.6	823.6	899.5	921.9	875.5	781.6	680.8	597.4
52.5°	537.6	573.2	623.2	690.4	771.7	835.8	847.7	794.2	697.3	607.0	533.1
55°	478.6	511.0	553.2	616.4	686.7	741.1	734.7	666.1	578.1	501.0	442.8
57.5°	421.6	446.0	484.9	544.2	605.9	642.4	619.3	560.8	478.7	415.6	366.5
60°	383.8	406.5	442.8	494.6	549.0	569.6	550.2	486.6	421.8	364.0	322.7
62.5°	348.1	368.1	399.3	447.4	491.3	503.6	482.8	427.3	368.8	319.5	285.3
65°	296.2	314.7	341.3	375.4	405.8	411.6	398.2	341.3	297.0	255.7	232.1
67.5°	249.1	261.2	281.9	311.4	327.6	331.0	304.9	269.2	230.2	204.9	187.0
70°	217.4	225.9	245.2	261.2	274.3	274.7	250.6	222.0	192.1	171.5	158.4
72.5°	186.7	194.8	209.5	220.5	230.4	227.2	205.2	182.6	158.4	142.8	133.2
75°	144.1	151.2	158.8	163.9	163.9	159.7	143.7	126.8	112.9	103.6	100.7
77.5°	104.7	110.7	113.2	112.4	110.9	104.3	94.2	83.2	78.2	73.8	71.6
80°	82.1	84.7	85.6	83.4	80.9	73.3	66.5	61.9	57.3	55.6	54.7
82.5°	60.9	63.1	60.9	61.5	55.9	49.7	46.0	44.4	42.5	41.8	41.0
85°	32.5	32.0	31.2	29.1	25.3	24.4	24.0	23.6	22.7	23.2	22.3
87.5°	11.3	10.5	9.2	8.9	8.9	8.6	8.9	9.0	9.1	8.7	9.4
90°	0.9	1.7	2.0	2.2	2.2	3.9	3.9	4.5	5.1	4.8	5.1
92.5°	4.7	7.3	10.7	14.8	20.6	34.9	56.6	77.7	88.8	74.0	55.0
95°	10.1	12.9	16.6	23.2	35.0	59.3	105.3	172.2	228.1	234.6	207.5
97.5°	16.6	19.0	22.3	28.1	37.9	56.7	94.7	161.1	240.3	294.8	306.5
100°	21.3	23.2	26.6	31.9	40.9	57.4	89.0	146.2	225.1	296.8	337.6
102.5°	26.2	28.0	31.1	36.2	44.7	59.7	87.5	136.1	206.0	280.0	336.1
105°	33.6	35.0	38.3	43.4	51.5	65.0	88.2	127.4	183.6	249.5	313.5
107.5°	41.0	42.5	46.0	50.9	58.9	71.1	92.4	125.8	171.1	224.8	281.6
110°	46.2	47.6	50.9	56.0	63.5	75.9	95.5	126.3	166.8	212.5	262.4





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	51.1	52.8	55.8	60.9	68.4	80.3	98.9	127.6	164.9	205.6	248.2
115°	58.5	60.4	63.3	68.6	76.1	87.4	104.2	130.2	163.8	199.1	234.1
117.5°	65.8	67.6	70.7	75.7	83.5	94.1	109.6	132.9	163.5	196.1	227.1
120°	70.6	72.5	75.6	80.3	88.2	98.9	113.4	135.0	163.5	194.6	223.9
122.5°	75.0	77.0	79.9	85.1	92.7	103.3	117.0	137.0	163.3	192.8	221.3
125°	81.4	83.2	86.3	91.6	99.4	109.5	122.3	140.0	163.0	189.8	216.7
127.5°	86.4	88.5	92.0	97.5	105.4	115.2	127.0	142.4	162.3	185.8	211.1
130°	89.6	91.8	96.0	101.3	109.5	119.0	129.9	144.2	162.1	183.4	206.6
132.5°	92.3	95.2	99.2	105.0	112.6	122.2	132.8	145.8	161.9	181.2	201.9
135°	96.6	99.4	104.2	110.0	117.3	126.5	136.7	148.1	161.5	177.8	195.4
137.5°	100.6	103.7	108.2	114.3	121.3	129.9	139.3	149.5	161.5	174.9	189.6
140°	103.3	106.4	111.1	117.0	123.7	132.1	141.1	150.6	161.3	173.3	186.2
142.5°	106.5	109.3	113.8	119.5	126.0	134.2	142.4	151.5	161.3	172.0	183.1
145°	110.9	113.7	117.6	122.9	129.0	136.3	143.9	152.0	160.7	169.7	178.6
147.5°	115.3	117.8	121.8	126.2	131.7	138.6	145.2	152.3	159.7	167.6	175.0
150°	118.4	120.6	124.1	128.3	133.6	139.7	145.8	152.3	159.0	166.0	172.8
152.5°	121.1	123.3	126.5	130.2	135.1	140.6	146.3	151.9	157.9	164.2	170.3
155°	125.4	127.1	129.9	133.0	137.2	142.0	146.7	151.2	156.2	161.5	166.6
157.5°	129.1	130.7	132.8	135.5	138.9	142.9	146.7	150.4	154.5	158.8	162.6
160°	131.6	132.7	134.7	136.9	140.0	143.4	146.7	149.8	153.1	156.8	160.2
162.5°	133.6	134.5	136.3	138.2	140.7	143.8	146.7	149.1	151.8	155.0	157.7
165°	136.3	136.9	138.3	139.7	141.4	143.9	146.2	147.8	149.8	152.0	154.2
167.5°	138.6	138.9	139.9	140.7	142.0	143.9	145.4	146.5	147.7	149.3	151.0
170°	139.7	140.0	140.9	141.4	142.2	143.6	145.0	145.6	146.4	147.6	148.9
172.5°	140.9	140.9	141.5	141.8	142.4	143.4	144.6	144.7	145.0	146.0	147.2
175°	142.0	142.0	142.2	142.5	142.5	143.1	143.9	143.6	143.6	144.2	144.7
177.5°	142.5	142.3	142.5	142.5	142.5	142.8	143.1	142.8	142.8	143.0	143.1
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1096.9	1098.3	1099.3	1102.6	1103.0	1106.0	1103.0
5°	1187.6	1193.6	1202.8	1212.1	1213.0	1218.9	1208.3
7.5°	1289.4	1303.1	1311.6	1326.6	1332.5	1336.3	1330.2
10°	1359.5	1372.2	1394.6	1405.5	1416.4	1418.2	1413.1
12.5°	1427.4	1447.4	1465.0	1485.7	1485.2	1500.1	1494.6
15°	1517.6	1538.2	1562.7	1585.8	1594.3	1594.3	1601.0
17.5°	1581.9	1619.8	1645.0	1663.3	1683.1	1686.6	1684.3
20°	1625.4	1666.3	1693.3	1716.8	1730.4	1734.1	1734.1
22.5°	1657.8	1692.6	1718.9	1740.1	1751.2	1755.7	1754.4
25°	1680.2	1710.1	1726.1	1732.4	1735.4	1734.6	1726.6
27.5°	1649.5	1648.1	1638.1	1618.7	1604.1	1595.2	1585.2
30°	1590.9	1569.0	1543.7	1515.8	1480.0	1452.7	1444.2
32.5°	1503.6	1454.4	1411.6	1365.2	1326.7	1299.3	1287.9
35°	1334.7	1256.8	1193.2	1137.6	1097.1	1071.8	1063.4
37.5°	1134.3	1058.9	980.2	926.2	892.7	867.1	857.6
40°	1006.9	924.8	856.1	805.6	771.0	746.2	745.8
42.5°	890.7	812.2	747.6	711.1	673.9	657.5	657.4
45°	729.3	666.5	611.7	583.1	560.8	547.3	543.5
47.5°	603.8	551.9	515.4	492.6	474.4	465.8	460.3
50°	533.4	487.9	458.8	439.0	428.9	418.0	417.1
52.5°	474.8	438.0	415.3	399.3	386.4	379.9	380.0
55°	398.9	369.9	353.9	341.7	331.6	326.5	324.4
57.5°	336.1	314.3	302.7	291.4	287.2	283.2	282.1
60°	297.0	282.3	271.3	262.4	256.2	254.9	254.4
62.5°	264.7	249.2	241.7	234.8	230.2	228.2	227.5
65°	218.2	206.8	200.1	194.6	193.0	190.0	189.6
67.5°	175.9	169.1	164.6	160.9	158.6	158.4	158.4
70°	150.0	146.2	142.4	140.3	139.0	138.2	138.2
72.5°	127.8	124.9	121.8	120.7	120.5	119.6	119.3
75°	97.4	94.3	94.8	92.7	91.0	88.9	87.6
77.5°	69.0	66.9	66.5	66.2	64.8	64.6	65.2
80°	53.5	51.4	51.0	51.4	51.0	49.7	49.7
82.5°	40.7	38.9	38.5	38.3	37.9	38.3	37.5
85°	21.9	21.1	21.1	21.1	21.9	21.5	21.1
87.5°	8.8	8.6	8.9	8.6	8.6	8.2	8.6
90°	5.3	5.6	5.6	5.9	6.2	5.9	5.9
92.5°	41.4	33.0	27.3	24.0	22.5	21.5	21.5
95°	164.1	126.5	99.4	85.6	77.0	71.9	68.3
97.5°	290.4	263.0	233.8	213.7	196.9	188.5	182.6
100°	343.3	329.5	308.8	284.5	267.4	259.0	256.7
102.5°	363.8	367.8	359.2	344.3	331.9	323.1	321.2
105°	362.0	389.8	401.2	401.8	399.5	395.6	394.0
107.5°	333.2	372.2	397.2	411.0	417.4	420.2	420.9
110°	310.8	351.4	382.1	402.0	413.8	418.8	421.4



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	291.0	329.4	360.2	382.8	397.0	404.1	408.1
115°	268.5	301.3	328.1	350.2	367.0	376.0	378.3
117.5°	255.6	281.4	304.2	323.1	337.2	346.2	347.9
120°	250.0	272.4	292.3	308.2	320.6	327.9	331.0
122.5°	246.4	266.8	284.2	297.7	308.2	314.4	317.5
125°	240.7	260.1	275.5	286.7	294.9	300.2	301.8
127.5°	234.1	253.4	268.0	279.2	286.5	291.0	292.6
130°	228.8	247.8	262.6	274.1	281.1	285.6	287.2
132.5°	222.7	241.3	256.1	267.4	275.3	279.6	281.2
135°	213.7	230.7	244.7	255.9	263.7	268.2	269.9
137.5°	204.9	219.4	232.0	242.5	250.2	253.9	255.9
140°	199.3	211.9	223.7	233.5	239.6	243.6	245.8
142.5°	194.6	205.4	215.6	224.3	230.0	233.5	235.0
145°	188.1	196.5	204.4	211.4	216.1	219.0	220.3
147.5°	182.5	189.3	195.4	200.6	204.7	206.8	207.3
150°	179.2	184.8	189.8	194.3	198.0	199.6	199.9
152.5°	175.9	181.0	185.1	188.9	191.9	192.9	193.2
155°	171.0	175.2	178.6	181.4	183.6	184.5	184.5
157.5°	166.4	169.9	172.6	174.7	176.4	176.9	176.9
160°	163.2	166.3	168.6	170.2	171.9	172.2	172.2
162.5°	160.3	162.7	164.8	166.0	167.6	167.9	167.7
165°	156.0	157.9	159.3	160.4	161.5	161.3	161.0
167.5°	152.3	153.8	154.6	155.2	156.0	155.9	155.7
170°	149.8	150.9	151.8	152.3	152.6	152.3	152.3
172.5°	147.7	148.5	149.1	149.4	149.6	149.4	148.9
175°	145.0	145.6	145.6	145.6	146.2	145.6	145.0
177.5°	143.4	143.4	143.6	143.4	143.6	143.1	142.8
180°	142.5	142.5	142.5	142.5	142.5	142.5	142.5

(END OF REPORT)