

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: P332925-927

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

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332925-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
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-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3802.2 lumens
Efficiency: N/A
Efficacy: 108.6 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

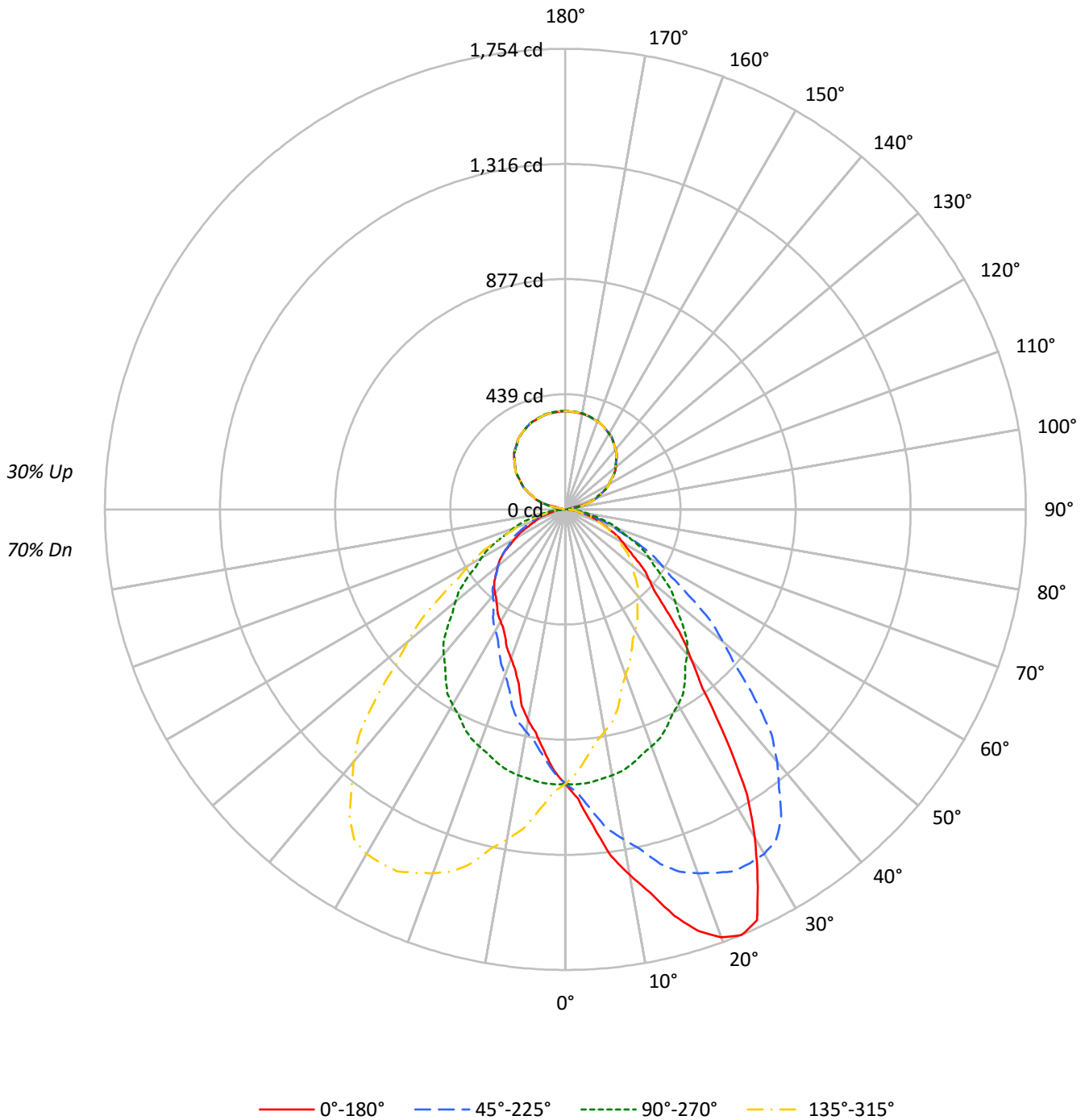
Input Watts (W): 35
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	50	30	10	0	
RCR																						
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74	70	
1	103	99	95	91	97	93	90	87	84	81	79	75	73	71	67	65	64	64	64	64	60	
2	94	87	81	76	89	82	77	73	74	70	66	66	63	60	59	57	55	55	55	55	51	
3	86	77	70	64	81	73	67	61	66	61	57	59	55	52	53	50	47	47	47	47	44	
4	79	69	61	55	75	65	58	53	59	53	49	53	49	45	48	44	41	41	41	41	38	
5	73	61	53	47	69	59	51	46	53	47	43	48	43	39	43	39	36	36	36	36	34	
6	68	55	47	42	64	53	46	40	48	42	37	44	39	35	40	35	32	32	32	32	30	
7	63	50	42	37	59	48	41	36	44	38	33	40	35	31	36	32	29	29	29	29	27	
8	58	46	38	33	55	44	37	32	40	34	30	37	32	28	33	29	26	26	26	26	24	
9	54	42	35	29	52	40	33	29	37	31	27	34	29	25	31	27	24	24	24	24	22	
10	51	39	31	27	48	37	30	26	34	28	24	31	26	23	29	25	22	22	22	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	2.7
10°-20°	305.6	8.0
20°-30°	478.0	12.6
30°-40°	531.4	14.0
40°-50°	471.5	12.4
50°-60°	367.4	9.7
60°-70°	240.5	6.3
70°-80°	118.3	3.1
80°-90°	30.3	0.8
90°-100°	12.8	0.3
100°-110°	81.6	2.1
110°-120°	156.1	4.1
120°-130°	198.2	5.2
130°-140°	212.1	5.6
140°-150°	198.3	5.2
150°-160°	159.9	4.2
160°-170°	103.2	2.7
170°-180°	35.6	0.9
0°-30°	885.0	23.3
0°-40°	1416.4	37.3
0°-60°	2255.3	59.3
0°-90°	2644.4	69.5
90°-120°	250.6	6.6
90°-150°	859.2	22.6
90°-180°	1158.0	30.5
0°-180°	3802.2	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°	8	1	8	1	8	5
95°	8	15	8	15	8	6
105°	80	84	80	84	80	70
115°	158	157	158	157	158	157
125°	223	221	223	221	223	198
135°	276	274	276	274	276	213
145°	318	316	318	316	318	199
155°	347	347	347	347	347	160
165°	364	366	364	366	364	103
175°	372	374	372	374	372	35
180°	374	374	374	374	374	



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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°	9.1	8.7	9.0	9.0	9.3	9.0	9.2	9.8	9.0	9.3	9.2
90°	8.4	8.2	8.2	8.0	7.9	7.7	7.3	6.9	6.5	6.2	5.6
92.5°	7.8	7.7	7.7	7.7	7.6	7.4	7.1	6.7	6.3	5.9	5.5
95°	8.1	8.1	8.0	7.9	7.8	7.7	7.3	6.9	6.5	6.2	6.1
97.5°	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.4	7.4	14.3
100°	7.8	7.8	7.7	7.7	7.6	8.1	9.1	10.2	11.2	12.4	20.9
102.5°	8.1	8.1	8.0	8.0	8.0	13.7	25.1	36.5	47.9	59.3	60.4
105°	79.8	82.0	84.3	86.5	88.7	89.6	89.0	88.5	87.9	87.4	87.1
107.5°	111.2	111.0	110.7	110.5	110.3	110.0	109.7	109.5	109.2	108.9	108.4
110°	124.8	124.7	124.5	124.3	124.1	124.0	123.8	123.7	123.6	123.5	123.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	138.6	138.3	138.1	137.8	137.6	137.4	137.5	137.5	137.5	137.6	137.4
115°	158.4	158.4	158.4	158.4	158.4	158.4	158.3	158.1	158.0	157.9	158.0
117.5°	178.7	178.8	178.8	178.8	178.8	178.9	178.9	178.9	179.0	179.0	178.8
120°	191.5	191.6	191.7	191.9	192.0	192.0	191.9	191.7	191.6	191.5	191.5
122.5°	204.1	204.1	204.3	204.4	204.5	204.5	204.5	204.4	204.3	204.3	204.1
125°	222.8	222.8	222.8	222.7	222.6	222.4	222.3	222.1	221.9	221.7	221.9
127.5°	239.4	239.4	239.5	239.6	239.6	239.6	239.6	239.7	239.7	239.8	239.5
130°	250.6	250.6	250.6	250.6	250.6	250.6	250.5	250.4	250.3	250.3	250.1
132.5°	260.9	260.9	260.9	261.0	261.1	261.1	261.0	260.9	260.9	260.8	260.5
135°	276.3	276.2	276.1	275.9	275.8	275.7	275.6	275.4	275.4	275.2	275.0
137.5°	289.5	289.5	289.6	289.6	289.7	289.6	289.5	289.4	289.2	289.1	288.8
140°	298.7	298.7	298.6	298.6	298.5	298.3	298.2	297.9	297.8	297.6	297.5
142.5°	306.3	306.3	306.3	306.3	306.3	306.2	306.1	305.9	305.8	305.7	305.6
145°	318.1	317.9	317.8	317.7	317.5	317.4	317.4	317.3	317.3	317.2	317.2
147.5°	327.7	327.6	327.6	327.6	327.5	327.4	327.4	327.3	327.3	327.3	327.3
150°	334.0	333.9	333.9	333.8	333.7	333.7	333.7	333.7	333.7	333.7	333.7
152.5°	339.4	339.5	339.5	339.5	339.5	339.5	339.4	339.3	339.2	339.1	339.2
155°	346.6	346.8	347.0	347.1	347.4	347.3	347.1	346.8	346.6	346.3	346.5
157.5°	352.7	353.0	353.3	353.6	353.9	353.9	353.6	353.3	353.0	352.7	352.8
160°	356.6	357.0	357.4	357.8	358.1	358.1	357.8	357.4	357.0	356.6	356.7
162.5°	359.8	360.2	360.7	361.1	361.5	361.6	361.2	360.8	360.4	360.0	360.1
165°	364.2	364.8	365.4	365.9	366.5	366.5	366.0	365.5	365.0	364.5	364.5
167.5°	367.6	368.1	368.8	369.4	370.0	370.0	369.6	369.0	368.4	367.9	367.9
170°	369.6	370.2	370.8	371.5	372.0	372.1	371.6	371.1	370.6	370.1	370.0
172.5°	370.7	371.4	372.0	372.7	373.4	373.4	373.0	372.5	371.9	371.5	371.4
175°	372.1	372.8	373.6	374.3	375.1	375.2	374.6	374.1	373.5	372.9	372.9
177.5°	373.0	373.6	374.1	374.8	375.3	375.5	375.1	374.7	374.3	373.8	373.8
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



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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°	9.1	8.7	9.3	9.1	9.3	10.5	11.4	11.6	10.8	9.9	9.0
90°	5.1	4.7	4.2	3.6	2.9	2.2	1.5	0.9	1.5	2.2	2.9
92.5°	4.9	4.4	4.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
95°	6.0	5.9	5.9	7.0	9.0	11.2	13.3	15.4	13.3	11.2	9.0
97.5°	21.3	28.2	35.2	37.9	36.7	35.3	34.0	32.7	34.0	35.3	36.7
100°	29.5	38.1	46.7	50.4	49.3	48.2	47.1	45.9	47.1	48.2	49.3
102.5°	61.6	62.7	63.8	64.0	63.1	62.3	61.6	60.7	61.6	62.3	63.1
105°	86.7	86.4	86.1	85.8	85.4	85.0	84.6	84.3	84.6	85.0	85.4
107.5°	108.1	107.7	107.2	106.9	106.7	106.5	106.3	106.2	106.3	106.5	106.7
110°	122.7	122.3	122.0	121.7	121.5	121.3	121.1	121.0	121.1	121.3	121.5



TEST NUMBER: P332925-927

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

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	137.2	137.0	136.9	136.7	136.3	135.9	135.6	135.3	135.6	135.9	136.3
115°	158.0	158.1	158.1	158.1	157.9	157.7	157.6	157.3	157.6	157.7	157.9
117.5°	178.7	178.6	178.4	178.2	178.0	177.7	177.4	177.2	177.4	177.7	178.0
120°	191.6	191.7	191.7	191.6	191.4	191.2	190.9	190.7	190.9	191.2	191.4
122.5°	204.1	204.0	203.9	203.8	203.7	203.5	203.4	203.2	203.4	203.5	203.7
125°	222.0	222.1	222.2	222.2	221.9	221.7	221.4	221.2	221.4	221.7	221.9
127.5°	239.2	238.9	238.6	238.4	238.4	238.3	238.3	238.2	238.3	238.3	238.4
130°	249.9	249.7	249.5	249.5	249.4	249.3	249.2	249.1	249.2	249.3	249.4
132.5°	260.3	260.1	259.8	259.7	259.6	259.4	259.4	259.3	259.4	259.4	259.6
135°	274.7	274.5	274.2	274.1	274.2	274.3	274.3	274.3	274.3	274.3	274.2
137.5°	288.5	288.3	288.0	287.9	287.8	287.8	287.8	287.7	287.8	287.8	287.8
140°	297.4	297.2	297.1	297.0	296.8	296.8	296.6	296.5	296.6	296.8	296.8
142.5°	305.5	305.5	305.4	305.2	305.0	304.8	304.5	304.4	304.5	304.8	305.0
145°	317.2	317.2	317.2	317.1	317.0	316.7	316.6	316.4	316.6	316.7	317.0
147.5°	327.3	327.4	327.5	327.3	327.0	326.6	326.3	325.9	326.3	326.6	327.0
150°	333.8	333.9	334.0	333.9	333.7	333.4	333.1	332.9	333.1	333.4	333.7
152.5°	339.3	339.5	339.5	339.5	339.3	339.1	338.9	338.7	338.9	339.1	339.3
155°	346.7	346.9	347.1	347.1	347.1	347.0	347.0	346.9	347.0	347.0	347.1
157.5°	353.1	353.3	353.5	353.6	353.6	353.7	353.7	353.8	353.7	353.7	353.6
160°	356.8	356.9	357.0	357.0	357.3	357.4	357.6	357.8	357.6	357.4	357.3
162.5°	360.1	360.2	360.3	360.4	360.7	360.9	361.2	361.4	361.2	360.9	360.7
165°	364.5	364.5	364.5	364.6	365.0	365.3	365.6	365.9	365.6	365.3	365.0
167.5°	368.0	368.0	368.0	368.2	368.5	368.8	369.2	369.5	369.2	368.8	368.5
170°	370.0	369.9	369.9	370.0	370.4	370.7	371.1	371.5	371.1	370.7	370.4
172.5°	371.4	371.3	371.2	371.4	371.8	372.1	372.5	372.9	372.5	372.1	371.8
175°	372.8	372.7	372.6	372.8	373.2	373.6	373.9	374.3	373.9	373.6	373.2
177.5°	373.7	373.6	373.4	373.6	373.9	374.3	374.6	375.0	374.6	374.3	373.9
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332925-927

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

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°	9.1	9.0	9.0	8.5	8.9	9.0	8.7	8.8	9.2	8.6	8.6
90°	3.6	4.2	4.7	5.1	5.6	6.2	6.5	6.9	7.3	7.7	7.9
92.5°	3.6	4.0	4.4	4.9	5.5	5.9	6.3	6.7	7.1	7.4	7.6
95°	7.0	5.9	5.9	6.0	6.1	6.2	6.5	6.9	7.3	7.7	7.8
97.5°	37.9	35.2	28.2	21.3	14.3	7.4	7.4	7.4	7.5	7.5	7.6
100°	50.4	46.7	38.1	29.5	20.9	12.4	11.2	10.2	9.1	8.1	7.6
102.5°	64.0	63.8	62.7	61.6	60.4	59.3	47.9	36.5	25.1	13.7	8.0
105°	85.8	86.1	86.4	86.7	87.1	87.4	87.9	88.5	89.0	89.6	88.7
107.5°	106.9	107.2	107.7	108.1	108.4	108.9	109.2	109.5	109.7	110.0	110.3
110°	121.7	122.0	122.3	122.7	123.1	123.5	123.6	123.7	123.8	124.0	124.1



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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	136.7	136.9	137.0	137.2	137.4	137.6	137.5	137.5	137.5	137.4	137.6
115°	158.1	158.1	158.1	158.0	158.0	157.9	158.0	158.1	158.3	158.4	158.4
117.5°	178.2	178.4	178.6	178.7	178.8	179.0	179.0	178.9	178.9	178.9	178.8
120°	191.6	191.7	191.7	191.6	191.5	191.5	191.6	191.7	191.9	192.0	192.0
122.5°	203.8	203.9	204.0	204.1	204.1	204.3	204.3	204.4	204.5	204.5	204.5
125°	222.2	222.2	222.1	222.0	221.9	221.7	221.9	222.1	222.3	222.4	222.6
127.5°	238.4	238.6	238.9	239.2	239.5	239.8	239.7	239.7	239.6	239.6	239.6
130°	249.5	249.5	249.7	249.9	250.1	250.3	250.3	250.4	250.5	250.6	250.6
132.5°	259.7	259.8	260.1	260.3	260.5	260.8	260.9	260.9	261.0	261.1	261.1
135°	274.1	274.2	274.5	274.7	275.0	275.2	275.4	275.4	275.6	275.7	275.8
137.5°	287.9	288.0	288.3	288.5	288.8	289.1	289.2	289.4	289.5	289.6	289.7
140°	297.0	297.1	297.2	297.4	297.5	297.6	297.8	297.9	298.2	298.3	298.5
142.5°	305.2	305.4	305.5	305.5	305.6	305.7	305.8	305.9	306.1	306.2	306.3
145°	317.1	317.2	317.2	317.2	317.2	317.2	317.3	317.3	317.4	317.4	317.5
147.5°	327.3	327.5	327.4	327.3	327.3	327.3	327.3	327.3	327.4	327.4	327.5
150°	333.9	334.0	333.9	333.8	333.7	333.7	333.7	333.7	333.7	333.7	333.7
152.5°	339.5	339.5	339.5	339.3	339.2	339.1	339.2	339.3	339.4	339.5	339.5
155°	347.1	347.1	346.9	346.7	346.5	346.3	346.6	346.8	347.1	347.3	347.4
157.5°	353.6	353.5	353.3	353.1	352.8	352.7	353.0	353.3	353.6	353.9	353.9
160°	357.0	357.0	356.9	356.8	356.7	356.6	357.0	357.4	357.8	358.1	358.1
162.5°	360.4	360.3	360.2	360.1	360.1	360.0	360.4	360.8	361.2	361.6	361.5
165°	364.6	364.5	364.5	364.5	364.5	364.5	365.0	365.5	366.0	366.5	366.5
167.5°	368.2	368.0	368.0	368.0	367.9	367.9	368.4	369.0	369.6	370.0	370.0
170°	370.0	369.9	369.9	370.0	370.0	370.1	370.6	371.1	371.6	372.1	372.0
172.5°	371.4	371.2	371.3	371.4	371.4	371.5	371.9	372.5	373.0	373.4	373.4
175°	372.8	372.6	372.7	372.8	372.9	372.9	373.5	374.1	374.6	375.2	375.1
177.5°	373.6	373.4	373.6	373.7	373.8	373.8	374.3	374.7	375.1	375.5	375.3
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332925-927

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

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°	9.3	9.0	8.7	9.1	8.7	9.0	9.3	8.6	8.6	9.2	8.8
90°	8.0	8.2	8.2	8.4	8.2	8.2	8.0	7.9	7.7	7.3	6.9
92.5°	7.7	7.7	7.7	7.8	7.7	7.7	7.7	7.6	7.4	7.1	6.7
95°	7.9	8.0	8.1	8.1	8.1	8.0	7.9	7.8	7.7	7.3	6.9
97.5°	7.7	7.7	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4
100°	7.7	7.7	7.8	7.8	7.8	7.7	7.7	7.6	8.1	9.1	10.2
102.5°	8.0	8.0	8.1	8.1	8.1	8.0	8.0	8.0	13.7	25.1	36.5
105°	86.5	84.3	82.0	79.8	82.0	84.3	86.5	88.7	89.6	89.0	88.5
107.5°	110.5	110.7	111.0	111.2	111.0	110.7	110.5	110.3	110.0	109.7	109.5
110°	124.3	124.5	124.7	124.8	124.7	124.5	124.3	124.1	124.0	123.8	123.7



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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	137.8	138.1	138.3	138.6	138.3	138.1	137.8	137.6	137.4	137.5	137.5
115°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.3	158.1
117.5°	178.8	178.8	178.8	178.7	178.8	178.8	178.8	178.8	178.9	178.9	178.9
120°	191.9	191.7	191.6	191.5	191.6	191.7	191.9	192.0	192.0	191.9	191.7
122.5°	204.4	204.3	204.1	204.1	204.1	204.3	204.4	204.5	204.5	204.5	204.4
125°	222.7	222.8	222.8	222.8	222.8	222.8	222.7	222.6	222.4	222.3	222.1
127.5°	239.6	239.5	239.4	239.4	239.4	239.5	239.6	239.6	239.6	239.6	239.7
130°	250.6	250.6	250.6	250.6	250.6	250.6	250.6	250.6	250.6	250.5	250.4
132.5°	261.0	260.9	260.9	260.9	260.9	260.9	261.0	261.1	261.1	261.0	260.9
135°	275.9	276.1	276.2	276.3	276.2	276.1	275.9	275.8	275.7	275.6	275.4
137.5°	289.6	289.6	289.5	289.5	289.5	289.6	289.6	289.7	289.6	289.5	289.4
140°	298.6	298.6	298.7	298.7	298.7	298.6	298.6	298.5	298.3	298.2	297.9
142.5°	306.3	306.3	306.3	306.3	306.3	306.3	306.3	306.3	306.2	306.1	305.9
145°	317.7	317.8	317.9	318.1	317.9	317.8	317.7	317.5	317.4	317.4	317.3
147.5°	327.6	327.6	327.6	327.7	327.6	327.6	327.6	327.5	327.4	327.4	327.3
150°	333.8	333.9	333.9	334.0	333.9	333.9	333.8	333.7	333.7	333.7	333.7
152.5°	339.5	339.5	339.5	339.4	339.5	339.5	339.5	339.5	339.5	339.4	339.3
155°	347.1	347.0	346.8	346.6	346.8	347.0	347.1	347.4	347.3	347.1	346.8
157.5°	353.6	353.3	353.0	352.7	353.0	353.3	353.6	353.9	353.9	353.6	353.3
160°	357.8	357.4	357.0	356.6	357.0	357.4	357.8	358.1	358.1	357.8	357.4
162.5°	361.1	360.7	360.2	359.8	360.2	360.7	361.1	361.5	361.6	361.2	360.8
165°	365.9	365.4	364.8	364.2	364.8	365.4	365.9	366.5	366.5	366.0	365.5
167.5°	369.4	368.8	368.1	367.6	368.1	368.8	369.4	370.0	370.0	369.6	369.0
170°	371.5	370.8	370.2	369.6	370.2	370.8	371.5	372.0	372.1	371.6	371.1
172.5°	372.7	372.0	371.4	370.7	371.4	372.0	372.7	373.4	373.4	373.0	372.5
175°	374.3	373.6	372.8	372.1	372.8	373.6	374.3	375.1	375.2	374.6	374.1
177.5°	374.8	374.1	373.6	373.0	373.6	374.1	374.8	375.3	375.5	375.1	374.7
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332925-927

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

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°	8.7	9.0	8.9	8.5	9.0	9.0	9.1	9.0	9.9	10.8	11.6
90°	6.5	6.2	5.6	5.1	4.7	4.2	3.6	2.9	2.2	1.5	0.9
92.5°	6.3	5.9	5.5	4.9	4.4	4.0	3.6	3.6	3.6	3.6	3.6
95°	6.5	6.2	6.1	6.0	5.9	5.9	7.0	9.0	11.2	13.3	15.4
97.5°	7.4	7.4	14.3	21.3	28.2	35.2	37.9	36.7	35.3	34.0	32.7
100°	11.2	12.4	20.9	29.5	38.1	46.7	50.4	49.3	48.2	47.1	45.9
102.5°	47.9	59.3	60.4	61.6	62.7	63.8	64.0	63.1	62.3	61.6	60.7
105°	87.9	87.4	87.1	86.7	86.4	86.1	85.8	85.4	85.0	84.6	84.3
107.5°	109.2	108.9	108.4	108.1	107.7	107.2	106.9	106.7	106.5	106.3	106.2
110°	123.6	123.5	123.1	122.7	122.3	122.0	121.7	121.5	121.3	121.1	121.0



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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	137.5	137.6	137.4	137.2	137.0	136.9	136.7	136.3	135.9	135.6	135.3
115°	158.0	157.9	158.0	158.0	158.1	158.1	158.1	157.9	157.7	157.6	157.3
117.5°	179.0	179.0	178.8	178.7	178.6	178.4	178.2	178.0	177.7	177.4	177.2
120°	191.6	191.5	191.5	191.6	191.7	191.7	191.6	191.4	191.2	190.9	190.7
122.5°	204.3	204.3	204.1	204.1	204.0	203.9	203.8	203.7	203.5	203.4	203.2
125°	221.9	221.7	221.9	222.0	222.1	222.2	222.2	221.9	221.7	221.4	221.2
127.5°	239.7	239.8	239.5	239.2	238.9	238.6	238.4	238.4	238.3	238.3	238.2
130°	250.3	250.3	250.1	249.9	249.7	249.5	249.5	249.4	249.3	249.2	249.1
132.5°	260.9	260.8	260.5	260.3	260.1	259.8	259.7	259.6	259.4	259.4	259.3
135°	275.4	275.2	275.0	274.7	274.5	274.2	274.1	274.2	274.3	274.3	274.3
137.5°	289.2	289.1	288.8	288.5	288.3	288.0	287.9	287.8	287.8	287.8	287.7
140°	297.8	297.6	297.5	297.4	297.2	297.1	297.0	296.8	296.8	296.6	296.5
142.5°	305.8	305.7	305.6	305.5	305.5	305.4	305.2	305.0	304.8	304.5	304.4
145°	317.3	317.2	317.2	317.2	317.2	317.2	317.1	317.0	316.7	316.6	316.4
147.5°	327.3	327.3	327.3	327.3	327.4	327.5	327.3	327.0	326.6	326.3	325.9
150°	333.7	333.7	333.7	333.8	333.9	334.0	333.9	333.7	333.4	333.1	332.9
152.5°	339.2	339.1	339.2	339.3	339.5	339.5	339.5	339.3	339.1	338.9	338.7
155°	346.6	346.3	346.5	346.7	346.9	347.1	347.1	347.1	347.0	347.0	346.9
157.5°	353.0	352.7	352.8	353.1	353.3	353.5	353.6	353.6	353.7	353.7	353.8
160°	357.0	356.6	356.7	356.8	356.9	357.0	357.0	357.3	357.4	357.6	357.8
162.5°	360.4	360.0	360.1	360.1	360.2	360.3	360.4	360.7	360.9	361.2	361.4
165°	365.0	364.5	364.5	364.5	364.5	364.5	364.6	365.0	365.3	365.6	365.9
167.5°	368.4	367.9	367.9	368.0	368.0	368.0	368.2	368.5	368.8	369.2	369.5
170°	370.6	370.1	370.0	370.0	369.9	369.9	370.0	370.4	370.7	371.1	371.5
172.5°	371.9	371.5	371.4	371.4	371.3	371.2	371.4	371.8	372.1	372.5	372.9
175°	373.5	372.9	372.9	372.8	372.7	372.6	372.8	373.2	373.6	373.9	374.3
177.5°	374.3	373.8	373.8	373.7	373.6	373.4	373.6	373.9	374.3	374.6	375.0
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



TEST NUMBER: P332925-927

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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°	11.4	10.5	9.3	9.1	9.3	8.7	9.1	9.2	9.3	9.0	9.8
90°	1.5	2.2	2.9	3.6	4.2	4.7	5.1	5.6	6.2	6.5	6.9
92.5°	3.6	3.6	3.6	3.6	4.0	4.4	4.9	5.5	5.9	6.3	6.7
95°	13.3	11.2	9.0	7.0	5.9	5.9	6.0	6.1	6.2	6.5	6.9
97.5°	34.0	35.3	36.7	37.9	35.2	28.2	21.3	14.3	7.4	7.4	7.4
100°	47.1	48.2	49.3	50.4	46.7	38.1	29.5	20.9	12.4	11.2	10.2
102.5°	61.6	62.3	63.1	64.0	63.8	62.7	61.6	60.4	59.3	47.9	36.5
105°	84.6	85.0	85.4	85.8	86.1	86.4	86.7	87.1	87.4	87.9	88.5
107.5°	106.3	106.5	106.7	106.9	107.2	107.7	108.1	108.4	108.9	109.2	109.5
110°	121.1	121.3	121.5	121.7	122.0	122.3	122.7	123.1	123.5	123.6	123.7



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	135.6	135.9	136.3	136.7	136.9	137.0	137.2	137.4	137.6	137.5	137.5
115°	157.6	157.7	157.9	158.1	158.1	158.1	158.0	158.0	157.9	158.0	158.1
117.5°	177.4	177.7	178.0	178.2	178.4	178.6	178.7	178.8	179.0	179.0	178.9
120°	190.9	191.2	191.4	191.6	191.7	191.7	191.6	191.5	191.5	191.6	191.7
122.5°	203.4	203.5	203.7	203.8	203.9	204.0	204.1	204.1	204.3	204.3	204.4
125°	221.4	221.7	221.9	222.2	222.2	222.1	222.0	221.9	221.7	221.9	222.1
127.5°	238.3	238.3	238.4	238.4	238.6	238.9	239.2	239.5	239.8	239.7	239.7
130°	249.2	249.3	249.4	249.5	249.5	249.7	249.9	250.1	250.3	250.3	250.4
132.5°	259.4	259.4	259.6	259.7	259.8	260.1	260.3	260.5	260.8	260.9	260.9
135°	274.3	274.3	274.2	274.1	274.2	274.5	274.7	275.0	275.2	275.4	275.4
137.5°	287.8	287.8	287.8	287.9	288.0	288.3	288.5	288.8	289.1	289.2	289.4
140°	296.6	296.8	296.8	297.0	297.1	297.2	297.4	297.5	297.6	297.8	297.9
142.5°	304.5	304.8	305.0	305.2	305.4	305.5	305.5	305.6	305.7	305.8	305.9
145°	316.6	316.7	317.0	317.1	317.2	317.2	317.2	317.2	317.2	317.3	317.3
147.5°	326.3	326.6	327.0	327.3	327.5	327.4	327.3	327.3	327.3	327.3	327.3
150°	333.1	333.4	333.7	333.9	334.0	333.9	333.8	333.7	333.7	333.7	333.7
152.5°	338.9	339.1	339.3	339.5	339.5	339.5	339.3	339.2	339.1	339.2	339.3
155°	347.0	347.0	347.1	347.1	347.1	346.9	346.7	346.5	346.3	346.6	346.8
157.5°	353.7	353.7	353.6	353.6	353.5	353.3	353.1	352.8	352.7	353.0	353.3
160°	357.6	357.4	357.3	357.0	357.0	356.9	356.8	356.7	356.6	357.0	357.4
162.5°	361.2	360.9	360.7	360.4	360.3	360.2	360.1	360.1	360.0	360.4	360.8
165°	365.6	365.3	365.0	364.6	364.5	364.5	364.5	364.5	364.5	365.0	365.5
167.5°	369.2	368.8	368.5	368.2	368.0	368.0	368.0	367.9	367.9	368.4	369.0
170°	371.1	370.7	370.4	370.0	369.9	369.9	370.0	370.0	370.1	370.6	371.1
172.5°	372.5	372.1	371.8	371.4	371.2	371.3	371.4	371.4	371.5	371.9	372.5
175°	373.9	373.6	373.2	372.8	372.6	372.7	372.8	372.9	372.9	373.5	374.1
177.5°	374.6	374.3	373.9	373.6	373.4	373.6	373.7	373.8	373.8	374.3	374.7
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3



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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°	9.2	9.0	9.3	9.0	9.0	8.7	9.1
90°	7.3	7.7	7.9	8.0	8.2	8.2	8.4
92.5°	7.1	7.4	7.6	7.7	7.7	7.7	7.8
95°	7.3	7.7	7.8	7.9	8.0	8.1	8.1
97.5°	7.5	7.5	7.6	7.7	7.7	7.8	7.8
100°	9.1	8.1	7.6	7.7	7.7	7.8	7.8
102.5°	25.1	13.7	8.0	8.0	8.0	8.1	8.1
105°	89.0	89.6	88.7	86.5	84.3	82.0	79.8
107.5°	109.7	110.0	110.3	110.5	110.7	111.0	111.2
110°	123.8	124.0	124.1	124.3	124.5	124.7	124.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	137.5	137.4	137.6	137.8	138.1	138.3	138.6
115°	158.3	158.4	158.4	158.4	158.4	158.4	158.4
117.5°	178.9	178.9	178.8	178.8	178.8	178.8	178.7
120°	191.9	192.0	192.0	191.9	191.7	191.6	191.5
122.5°	204.5	204.5	204.5	204.4	204.3	204.1	204.1
125°	222.3	222.4	222.6	222.7	222.8	222.8	222.8
127.5°	239.6	239.6	239.6	239.6	239.5	239.4	239.4
130°	250.5	250.6	250.6	250.6	250.6	250.6	250.6
132.5°	261.0	261.1	261.1	261.0	260.9	260.9	260.9
135°	275.6	275.7	275.8	275.9	276.1	276.2	276.3
137.5°	289.5	289.6	289.7	289.6	289.6	289.5	289.5
140°	298.2	298.3	298.5	298.6	298.6	298.7	298.7
142.5°	306.1	306.2	306.3	306.3	306.3	306.3	306.3
145°	317.4	317.4	317.5	317.7	317.8	317.9	318.1
147.5°	327.4	327.4	327.5	327.6	327.6	327.6	327.7
150°	333.7	333.7	333.7	333.8	333.9	333.9	334.0
152.5°	339.4	339.5	339.5	339.5	339.5	339.5	339.4
155°	347.1	347.3	347.4	347.1	347.0	346.8	346.6
157.5°	353.6	353.9	353.9	353.6	353.3	353.0	352.7
160°	357.8	358.1	358.1	357.8	357.4	357.0	356.6
162.5°	361.2	361.6	361.5	361.1	360.7	360.2	359.8
165°	366.0	366.5	366.5	365.9	365.4	364.8	364.2
167.5°	369.6	370.0	370.0	369.4	368.8	368.1	367.6
170°	371.6	372.1	372.0	371.5	370.8	370.2	369.6
172.5°	373.0	373.4	373.4	372.7	372.0	371.4	370.7
175°	374.6	375.2	375.1	374.3	373.6	372.8	372.1
177.5°	375.1	375.5	375.3	374.8	374.1	373.6	373.0
180°	374.3	374.3	374.3	374.3	374.3	374.3	374.3

(END OF REPORT)