

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: P333059-935

Luminaire Tested: **S124RDIW-S795D770U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333059-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIW-S795D770U935-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 770 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5518.6 lumens  
Efficiency: N/A  
Efficacy: 122.6 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: General Diffuse

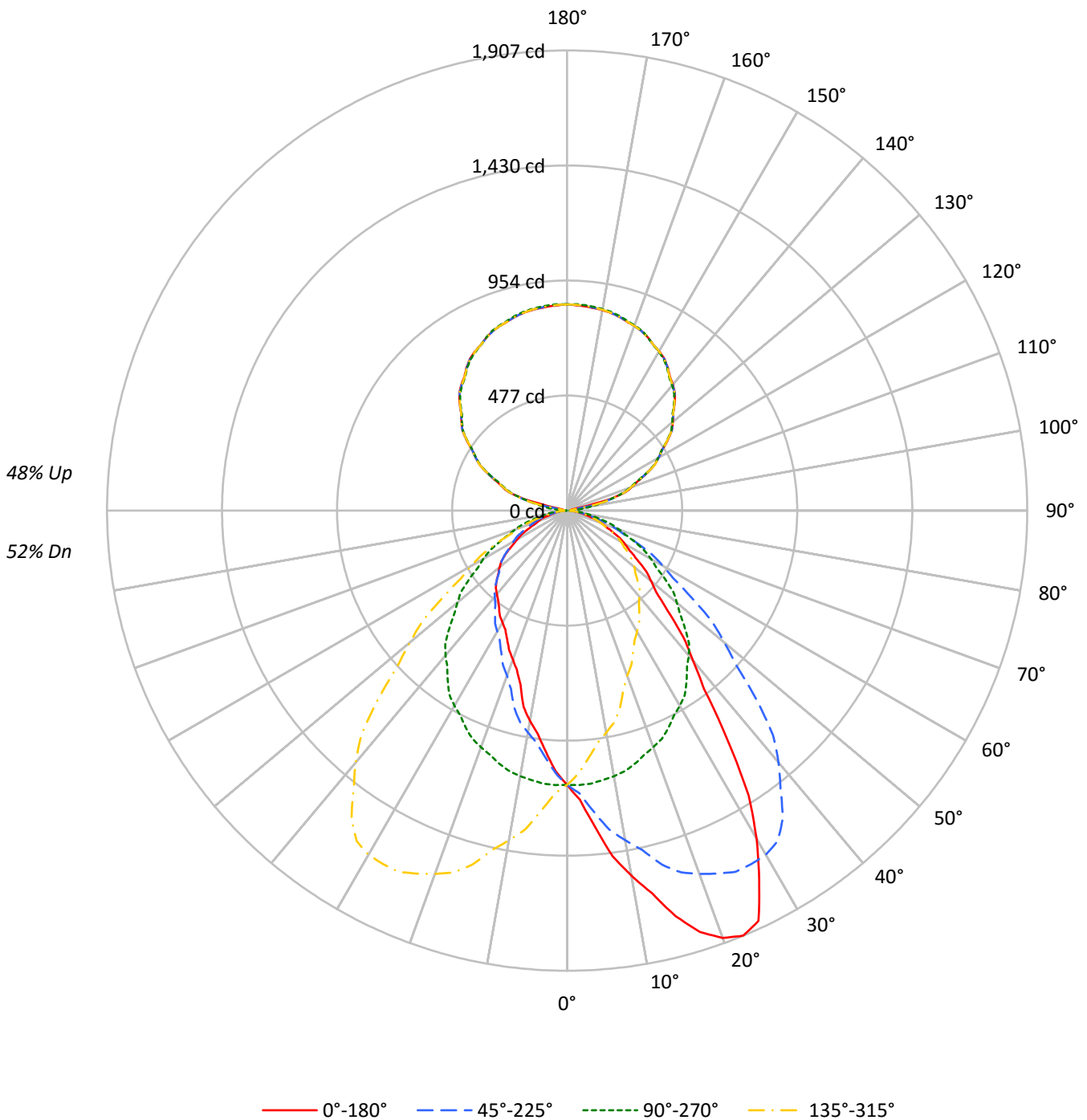
Input Watts (W): 45  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	108	108	108	108	100	100	100	100	85	85	85	71	71	71	58	58	58	52
1	99	95	91	88	91	88	85	82	75	73	70	63	61	60	52	51	50	45
2	90	83	77	72	83	77	72	68	66	62	59	56	53	51	46	44	43	38
3	83	73	66	61	76	68	62	57	59	54	50	50	46	43	42	39	37	33
4	76	65	58	52	70	61	54	49	52	47	43	45	41	38	37	35	32	29
5	70	58	50	45	64	54	47	42	47	42	37	40	36	33	34	31	28	25
6	64	53	45	39	59	49	42	37	43	37	33	37	32	29	31	28	25	22
7	60	48	40	34	55	44	37	33	39	33	29	33	29	26	28	25	22	20
8	55	43	36	30	51	41	34	29	35	30	26	31	26	23	26	23	20	18
9	52	40	32	27	48	37	30	26	32	27	23	28	24	21	24	21	18	16
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	22	19	17	15

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

	0°	90°	180°	270°
0°	9175	9175	9175	9175
5°	10643	9203	8135	9203
10°	12591	9163	7260	9163
15°	14543	9078	6238	9078
20°	16192	8961	5642	8961
25°	16715	8847	5238	8847
30°	14632	8708	4994	8708
35°	11391	8502	4847	8502
40°	8541	8266	4769	8266
45°	6744	7889	4727	7889
50°	5693	7454	4589	7454
55°	4963	6973	4345	6973
60°	4466	6476	3846	6476
65°	3935	5939	3307	5939
70°	3545	5384	2984	5384
75°	2969	4769	2542	4769
80°	2515	4068	2385	4068
85°	2121	3186	2121	3186



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.1	2.0
10°-20°	332.2	6.0
20°-30°	519.5	9.4
30°-40°	577.6	10.5
40°-50°	512.4	9.3
50°-60°	399.3	7.2
60°-70°	261.4	4.7
70°-80°	128.6	2.3
80°-90°	34.2	0.6
90°-100°	29.2	0.5
100°-110°	186.3	3.4
110°-120°	356.5	6.5
120°-130°	452.5	8.2
130°-140°	484.2	8.8
140°-150°	452.7	8.2
150°-160°	365.1	6.6
160°-170°	235.5	4.3
170°-180°	81.2	1.5
0°-30°	961.8	17.4
0°-40°	1539.4	27.9
0°-60°	2451.2	44.4
0°-90°	2875.4	52.1
90°-120°	572.0	10.4
90°-150°	1961.4	35.5
90°-180°	2643.0	47.9
0°-180°	5518.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1136	1136	1136	1136	1136	
5°	1313	1136	1004	1136	1313	133
15°	1740	1086	746	1086	1740	495
25°	1876	993	588	993	1876	832
35°	1156	863	492	863	1156	724
45°	591	691	414	691	591	468
55°	353	495	309	495	353	321
65°	206	311	173	311	206	207
75°	95	153	82	153	95	105
85°	23	34	23	34	23	26
90°	19	2	19	2	19	9
95°	18	35	18	35	18	15
105°	182	192	182	192	182	159
115°	362	359	362	359	362	358
125°	509	505	509	505	509	453
135°	631	626	631	626	631	486
145°	726	722	726	722	726	454
155°	791	792	791	792	791	365
165°	832	835	832	835	832	235
175°	849	854	849	854	849	81
180°	854	854	854	854	854	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1198.8	1202.1	1198.8	1198.4	1194.8	1193.7	1192.2	1187.5	1178.6	1173.5	1174.7
5°	1313.3	1324.7	1318.4	1317.4	1307.3	1297.3	1290.8	1276.2	1260.6	1250.1	1241.4
7.5°	1445.7	1452.3	1448.3	1441.8	1425.6	1416.3	1401.4	1382.2	1354.3	1332.9	1313.4
10°	1535.9	1541.4	1539.5	1527.6	1515.7	1491.4	1477.6	1450.7	1415.4	1387.5	1361.4
12.5°	1624.4	1630.4	1614.2	1614.8	1592.2	1573.1	1551.3	1517.3	1476.6	1440.6	1407.9
15°	1740.1	1732.8	1732.8	1723.5	1698.4	1671.8	1649.4	1613.7	1562.4	1519.3	1474.0
17.5°	1830.6	1833.1	1829.4	1807.8	1788.0	1760.5	1719.3	1677.7	1630.0	1572.3	1526.0
20°	1884.7	1884.7	1880.7	1866.0	1840.4	1811.0	1766.6	1721.3	1660.9	1602.7	1550.5
22.5°	1906.8	1908.2	1903.3	1891.3	1868.2	1839.6	1801.8	1755.8	1693.4	1628.0	1563.3
25°	1876.5	1885.2	1886.1	1882.9	1876.0	1858.6	1826.2	1779.0	1723.1	1652.2	1582.5
27.5°	1722.9	1733.8	1743.4	1759.3	1780.4	1791.3	1792.8	1768.8	1720.1	1651.7	1581.7
30°	1569.7	1578.9	1608.6	1647.5	1677.8	1705.3	1729.1	1735.5	1708.1	1646.7	1573.0
32.5°	1399.7	1412.2	1442.0	1483.8	1534.2	1580.7	1634.2	1661.5	1660.8	1623.9	1555.7
35°	1155.8	1164.9	1192.4	1236.4	1296.8	1366.0	1450.7	1516.6	1561.5	1558.2	1516.6
37.5°	932.1	942.5	970.3	1006.7	1065.3	1150.9	1232.9	1323.7	1406.7	1453.3	1439.4
40°	810.5	811.0	838.0	875.6	930.5	1005.1	1094.4	1195.2	1287.6	1363.2	1377.9
42.5°	714.5	714.6	732.5	772.9	812.5	882.8	968.0	1068.1	1176.3	1263.6	1302.4
45°	590.7	594.9	609.5	633.8	664.9	724.4	792.6	885.6	1006.9	1110.4	1175.0
47.5°	500.2	506.3	515.6	535.4	560.2	599.9	656.3	739.8	838.5	952.4	1044.2
50°	453.3	454.3	466.1	477.2	498.7	530.3	579.7	649.3	739.9	849.5	951.6
52.5°	413.0	412.8	420.0	433.9	451.4	476.0	516.0	579.4	659.8	757.9	863.2
55°	352.6	354.9	360.4	371.3	384.6	402.1	433.6	481.3	544.5	628.3	723.9
57.5°	306.6	307.8	312.1	316.8	329.0	341.6	365.3	398.4	451.7	520.3	609.5
60°	276.6	277.1	278.4	285.2	294.9	306.8	322.8	350.8	395.6	458.4	528.9
62.5°	247.3	248.1	250.2	255.2	262.7	270.9	287.7	310.1	347.2	400.9	464.4
65°	206.0	206.6	209.7	211.5	217.5	224.8	237.2	252.3	277.9	322.8	370.9
67.5°	172.2	172.2	172.4	174.9	178.9	183.8	191.2	203.3	222.7	250.2	292.6
70°	150.2	150.2	151.1	152.5	154.8	158.9	163.0	172.2	186.4	208.8	241.3
72.5°	129.7	130.0	131.0	131.2	132.4	135.8	138.9	144.7	155.2	172.2	198.5
75°	95.2	96.6	98.9	100.7	103.1	102.5	105.8	109.4	112.6	122.7	137.8
77.5°	70.9	70.2	70.4	72.0	72.2	72.8	75.0	77.8	80.2	85.0	90.4
80°	54.1	54.1	55.4	55.9	55.4	55.9	58.1	59.5	60.4	62.3	67.3
82.5°	40.8	41.6	41.2	41.6	41.8	42.3	44.3	44.5	45.5	46.1	48.3
85°	22.9	23.3	23.8	22.9	22.9	22.9	23.8	24.3	25.2	24.7	25.7
87.5°	11.9	11.5	11.8	11.7	12.1	11.5	11.7	12.3	11.4	11.6	11.4
90°	19.2	18.9	18.6	18.3	18.0	17.5	16.6	15.8	14.9	14.0	12.9
92.5°	17.7	17.6	17.6	17.5	17.4	17.0	16.1	15.2	14.4	13.5	12.4
95°	18.5	18.4	18.3	18.1	18.0	17.5	16.6	15.8	14.9	14.0	13.9
97.5°	17.9	17.7	17.7	17.5	17.3	17.2	17.1	17.0	16.9	16.9	32.7
100°	17.9	17.7	17.7	17.5	17.3	18.4	20.8	23.3	25.7	28.2	47.7
102.5°	18.4	18.3	18.3	18.3	18.3	31.3	57.3	83.4	109.4	135.5	138.0
105°	182.2	187.3	192.3	197.5	202.6	204.5	203.2	202.0	200.7	199.4	198.7
107.5°	253.8	253.3	252.8	252.3	251.7	251.2	250.5	249.9	249.3	248.6	247.6
110°	285.1	284.6	284.2	283.8	283.4	283.0	282.7	282.4	282.1	281.8	281.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	316.2	315.7	315.1	314.6	314.1	313.8	313.9	313.9	314.0	314.1	313.7
115°	361.7	361.7	361.7	361.7	361.7	361.6	361.3	361.0	360.8	360.4	360.6
117.5°	408.0	408.0	408.1	408.2	408.2	408.3	408.4	408.4	408.5	408.5	408.2
120°	437.1	437.5	437.7	438.0	438.2	438.2	438.0	437.7	437.5	437.1	437.3
122.5°	465.8	466.1	466.3	466.7	466.9	467.0	466.8	466.7	466.5	466.3	466.1
125°	508.8	508.6	508.4	508.3	508.2	507.9	507.5	507.0	506.6	506.2	506.4
127.5°	546.5	546.6	546.6	546.8	546.9	547.0	547.1	547.2	547.3	547.3	546.6
130°	572.0	572.0	572.0	572.0	572.0	572.0	571.8	571.6	571.5	571.4	570.9
132.5°	595.6	595.6	595.7	595.9	596.0	596.0	595.8	595.6	595.6	595.4	594.9
135°	630.8	630.5	630.3	629.9	629.6	629.4	629.1	628.8	628.5	628.3	627.7
137.5°	661.0	661.1	661.2	661.2	661.3	661.2	660.9	660.6	660.2	660.0	659.4
140°	681.9	681.8	681.7	681.5	681.4	681.1	680.6	680.2	679.8	679.4	679.1
142.5°	699.3	699.3	699.2	699.2	699.2	699.0	698.7	698.4	698.1	697.8	697.6
145°	726.0	725.7	725.5	725.1	724.9	724.7	724.5	724.4	724.3	724.1	724.1
147.5°	748.1	748.0	747.9	747.7	747.6	747.4	747.3	747.2	747.1	747.0	747.1
150°	762.4	762.3	762.2	762.1	761.9	761.8	761.8	761.8	761.8	761.8	762.0
152.5°	774.7	774.8	774.9	775.0	775.1	775.0	774.7	774.6	774.3	774.1	774.4
155°	791.3	791.6	792.0	792.5	792.9	792.8	792.3	791.7	791.2	790.6	791.0
157.5°	805.0	805.7	806.5	807.3	808.0	808.0	807.3	806.5	805.7	805.0	805.5
160°	814.2	815.1	816.0	816.7	817.6	817.6	816.7	816.0	815.1	814.2	814.3
162.5°	821.4	822.3	823.3	824.3	825.3	825.3	824.4	823.6	822.8	821.9	822.0
165°	831.5	832.8	834.1	835.3	836.6	836.6	835.5	834.4	833.3	832.2	832.2
167.5°	839.0	840.4	841.9	843.3	844.7	844.8	843.5	842.3	841.0	839.8	839.9
170°	843.6	845.1	846.4	847.9	849.3	849.5	848.3	847.1	846.0	844.9	844.7
172.5°	846.2	847.7	849.3	850.8	852.3	852.5	851.4	850.2	849.1	848.0	847.8
175°	849.4	851.1	852.8	854.5	856.2	856.4	855.1	853.9	852.6	851.3	851.2
177.5°	851.4	852.8	854.1	855.5	856.9	857.1	856.2	855.3	854.4	853.4	853.3
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1171.0	1165.9	1163.3	1157.4	1150.5	1146.8	1143.5	1138.8	1132.5	1125.9	1121.1
5°	1230.4	1219.4	1205.7	1189.2	1174.6	1160.4	1148.0	1135.7	1121.5	1106.7	1092.1
7.5°	1291.4	1269.8	1246.5	1219.4	1193.2	1169.2	1147.3	1126.2	1102.3	1081.1	1061.6
10°	1333.9	1304.6	1272.0	1237.8	1203.4	1173.6	1144.4	1117.8	1088.5	1062.4	1040.3
12.5°	1368.3	1333.9	1294.8	1252.0	1210.7	1174.7	1141.0	1106.4	1073.1	1044.7	1015.5
15°	1425.5	1378.3	1325.7	1274.4	1220.8	1171.8	1126.4	1086.2	1048.2	1008.3	980.4
17.5°	1464.7	1408.8	1344.8	1283.1	1219.9	1162.1	1109.8	1061.8	1018.0	977.2	944.0
20°	1488.2	1426.4	1355.4	1285.4	1214.4	1152.5	1096.2	1043.1	997.8	953.8	919.5
22.5°	1501.4	1433.0	1355.4	1282.0	1208.5	1141.6	1079.8	1024.4	975.1	931.1	893.1
25°	1505.6	1432.4	1353.1	1268.9	1188.3	1117.3	1053.2	993.2	938.2	894.3	854.0
27.5°	1499.8	1413.5	1332.3	1245.9	1162.7	1087.9	1020.6	957.6	902.6	855.4	814.1
30°	1491.0	1398.4	1311.5	1221.7	1137.5	1065.6	994.5	934.1	876.9	827.9	786.3
32.5°	1471.9	1380.2	1286.5	1194.6	1109.2	1035.2	967.9	907.1	850.9	800.8	756.6
35°	1434.2	1341.3	1239.6	1145.2	1061.4	984.5	921.4	862.7	809.2	755.5	708.9
37.5°	1384.5	1289.5	1188.4	1085.0	1001.2	928.6	870.6	815.5	763.3	714.4	662.6
40°	1337.6	1251.0	1146.6	1044.0	957.9	887.9	834.3	784.4	731.8	683.2	631.5
42.5°	1280.7	1207.0	1101.6	998.6	913.6	846.1	796.3	747.4	699.5	652.5	598.5
45°	1186.0	1130.1	1031.2	932.3	846.7	779.8	734.0	691.0	648.8	604.0	553.2
47.5°	1077.4	1039.6	954.2	852.9	773.7	713.5	669.3	634.1	598.5	553.6	509.0
50°	1001.9	977.7	895.2	802.7	727.2	671.8	626.5	593.5	563.7	520.6	480.8
52.5°	921.4	908.4	838.8	750.4	677.3	623.0	584.3	554.7	524.5	488.8	451.5
55°	798.6	805.5	746.4	669.9	601.2	555.4	520.2	495.4	469.8	439.6	410.8
57.5°	673.1	698.2	658.6	591.4	527.0	484.7	458.2	437.4	415.9	390.8	366.2
60°	598.1	619.1	596.7	537.6	481.3	441.9	417.2	401.1	379.6	356.7	337.9
62.5°	524.8	547.3	534.0	486.3	434.0	400.1	378.3	363.4	347.4	327.4	307.9
65°	432.7	447.4	441.0	408.0	370.9	342.1	321.9	310.9	296.3	281.6	264.2
67.5°	331.4	359.7	356.0	338.5	306.4	283.9	270.7	261.0	247.6	236.8	224.9
70°	272.4	298.6	298.1	283.9	266.5	245.5	236.3	228.1	216.1	205.6	196.0
72.5°	223.0	246.9	250.5	239.6	227.6	211.7	202.9	197.3	185.7	178.5	170.7
75°	156.2	173.6	178.1	178.1	172.6	164.4	156.6	152.9	144.7	138.3	133.7
77.5°	102.4	113.4	120.5	122.2	123.0	120.3	113.8	111.2	105.0	102.6	98.2
80°	72.3	79.6	87.9	90.7	93.0	92.0	89.3	87.5	81.5	79.2	77.4
82.5°	50.0	54.1	60.8	66.8	66.2	68.6	66.2	64.7	60.3	59.4	57.6
85°	26.1	26.5	27.5	31.6	33.9	34.8	35.3	34.4	33.0	33.0	29.8
87.5°	11.1	10.6	11.0	10.8	10.8	12.0	12.7	12.8	12.1	11.3	10.5
90°	11.8	10.7	9.6	8.2	6.6	5.1	3.4	1.9	3.4	5.1	6.6
92.5°	11.3	10.2	9.0	8.4	8.3	8.3	8.2	8.1	8.2	8.3	8.3
95°	13.8	13.6	13.5	15.8	20.7	25.5	30.3	35.1	30.3	25.5	20.7
97.5°	48.6	64.4	80.2	86.7	83.7	80.7	77.7	74.6	77.7	80.7	83.7
100°	67.3	87.0	106.5	115.0	112.4	109.9	107.4	104.8	107.4	109.9	112.4
102.5°	140.6	143.2	145.7	146.0	144.2	142.3	140.4	138.5	140.4	142.3	144.2
105°	197.9	197.3	196.6	195.8	194.9	194.1	193.2	192.3	193.2	194.1	194.9
107.5°	246.7	245.7	244.8	244.1	243.7	243.2	242.8	242.4	242.8	243.2	243.7
110°	280.2	279.3	278.4	277.8	277.4	277.0	276.6	276.1	276.6	277.0	277.4





TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	313.2	312.9	312.5	311.9	311.1	310.4	309.6	308.8	309.6	310.4	311.1
115°	360.8	360.8	361.0	360.8	360.4	360.1	359.6	359.2	359.6	360.1	360.4
117.5°	407.9	407.6	407.3	406.8	406.2	405.7	405.1	404.6	405.1	405.7	406.2
120°	437.5	437.6	437.7	437.5	437.0	436.4	435.8	435.2	435.8	436.4	437.0
122.5°	465.9	465.7	465.5	465.2	464.9	464.5	464.2	463.9	464.2	464.5	464.9
125°	506.8	507.0	507.3	507.1	506.6	506.0	505.5	504.9	505.5	506.0	506.6
127.5°	546.0	545.4	544.8	544.3	544.2	544.1	543.9	543.7	543.9	544.1	544.2
130°	570.5	570.1	569.6	569.4	569.2	569.1	568.9	568.8	568.9	569.1	569.2
132.5°	594.3	593.7	593.2	592.8	592.5	592.4	592.1	591.9	592.1	592.4	592.5
135°	627.1	626.5	625.9	625.8	625.9	626.0	626.2	626.3	626.2	626.0	625.9
137.5°	658.7	658.1	657.5	657.1	657.0	657.0	656.9	656.9	656.9	657.0	657.0
140°	678.8	678.6	678.2	678.0	677.7	677.3	677.1	676.8	677.1	677.3	677.7
142.5°	697.4	697.2	697.1	696.7	696.2	695.8	695.3	694.7	695.3	695.8	696.2
145°	724.1	724.1	724.1	723.9	723.5	723.1	722.6	722.2	722.6	723.1	723.5
147.5°	747.3	747.4	747.5	747.3	746.4	745.6	744.9	744.1	744.9	745.6	746.4
150°	762.1	762.2	762.4	762.2	761.6	761.0	760.4	759.9	760.4	761.0	761.6
152.5°	774.6	774.8	775.1	775.0	774.6	774.1	773.6	773.2	773.6	774.1	774.6
155°	791.4	791.9	792.3	792.5	792.3	792.1	792.0	791.9	792.0	792.1	792.3
157.5°	806.0	806.5	806.9	807.3	807.4	807.4	807.5	807.6	807.5	807.4	807.4
160°	814.5	814.7	814.8	815.1	815.5	816.0	816.3	816.7	816.3	816.0	815.5
162.5°	822.2	822.3	822.4	822.8	823.4	823.9	824.4	824.9	824.4	823.9	823.4
165°	832.2	832.2	832.2	832.5	833.2	833.9	834.6	835.3	834.6	833.9	833.2
167.5°	840.0	840.1	840.2	840.5	841.3	842.1	842.7	843.5	842.7	842.1	841.3
170°	844.6	844.5	844.3	844.7	845.5	846.4	847.2	848.1	847.2	846.4	845.5
172.5°	847.7	847.6	847.4	847.7	848.6	849.5	850.3	851.2	850.3	849.5	848.6
175°	851.0	850.8	850.8	851.1	852.0	852.8	853.6	854.5	853.6	852.8	852.0
177.5°	853.0	852.8	852.6	852.8	853.6	854.5	855.2	856.0	855.2	854.5	853.6
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1116.0	1112.3	1107.6	1102.1	1095.5	1089.7	1087.1	1089.3	1090.4	1087.4	1087.1
5°	1082.0	1070.6	1061.4	1047.7	1036.7	1027.5	1021.1	1018.4	1019.3	1012.0	1010.1
7.5°	1043.9	1030.3	1015.3	999.0	983.8	970.3	963.3	959.4	951.7	948.3	942.7
10°	1019.3	1001.0	986.4	967.1	949.7	933.7	925.9	919.5	911.7	908.0	900.3
12.5°	994.0	972.8	956.7	936.7	918.9	899.6	892.2	880.3	868.1	860.4	850.4
15°	958.4	932.8	913.1	889.2	868.2	846.2	826.6	804.5	796.3	778.9	768.9
17.5°	916.7	890.7	866.3	834.4	801.9	774.6	753.6	732.5	720.0	708.9	703.7
20°	889.2	865.5	831.6	794.4	758.3	728.1	711.1	697.4	683.6	675.9	670.4
22.5°	863.2	832.8	793.5	753.5	717.3	693.6	679.2	665.1	654.0	646.6	639.2
25°	819.7	779.8	738.1	692.3	667.6	647.0	631.5	620.0	613.1	603.6	599.9
27.5°	774.9	726.6	680.6	649.9	624.1	605.3	591.7	583.1	574.4	568.3	563.5
30°	740.5	691.5	650.2	621.0	594.9	579.3	568.3	558.2	551.3	546.3	542.6
32.5°	706.4	657.4	622.8	591.2	570.7	555.4	543.7	536.2	530.8	524.3	522.1
35°	657.1	613.6	583.4	555.0	533.9	520.2	511.0	503.3	498.7	496.8	495.4
37.5°	609.8	574.1	541.7	518.3	499.6	488.8	477.9	474.2	471.0	467.7	469.2
40°	579.7	546.3	517.5	492.8	477.6	465.7	459.3	454.7	451.9	451.9	451.9
42.5°	553.7	521.0	492.9	470.7	455.6	445.6	438.4	434.5	433.6	433.3	435.5
45°	513.3	483.1	454.7	436.4	423.5	413.5	409.4	406.1	406.1	408.0	408.5
47.5°	473.3	445.0	422.2	401.7	389.9	383.7	380.0	378.4	378.6	380.5	382.5
50°	448.8	420.9	398.4	380.0	369.1	363.1	359.9	359.0	359.9	359.9	363.1
52.5°	422.0	397.0	375.0	359.6	347.1	341.5	339.8	338.5	339.1	340.5	341.9
55°	382.8	360.4	339.3	324.7	315.5	311.9	307.7	308.2	307.3	308.2	308.2
57.5°	343.5	323.4	303.8	292.1	284.1	278.8	274.3	275.6	274.2	274.1	273.3
60°	318.2	296.3	280.7	270.2	261.0	256.4	252.3	253.2	251.8	250.9	249.1
62.5°	290.8	272.4	257.6	247.5	240.1	234.8	230.7	229.8	226.6	223.4	219.5
65°	250.9	235.8	222.6	212.9	206.0	201.9	198.7	196.0	189.1	181.8	178.1
67.5°	212.2	201.3	188.9	180.8	175.2	169.8	163.7	159.0	152.6	148.5	146.3
70°	187.3	176.8	166.3	158.4	152.5	147.5	140.6	137.4	132.8	131.0	128.6
72.5°	163.5	153.7	143.9	136.8	130.5	126.6	121.1	118.0	116.0	115.2	113.0
75°	127.3	119.5	112.2	105.8	100.7	98.0	95.7	93.4	92.5	88.3	86.1
77.5°	92.9	87.7	83.2	78.6	75.0	73.2	68.8	66.1	64.6	62.7	62.2
80°	72.3	68.7	64.1	61.4	56.3	54.5	52.7	52.2	51.7	51.3	50.8
82.5°	54.4	50.7	46.1	44.5	43.1	42.0	40.9	40.5	40.0	40.3	40.2
85°	27.5	25.7	25.7	25.2	24.7	24.3	23.8	23.8	23.3	23.8	23.3
87.5°	10.8	10.7	10.9	10.4	11.0	11.3	11.0	11.2	11.7	11.2	11.3
90°	8.2	9.6	10.7	11.8	12.9	14.0	14.9	15.8	16.6	17.5	18.0
92.5°	8.4	9.0	10.2	11.3	12.4	13.5	14.4	15.2	16.1	17.0	17.4
95°	15.8	13.5	13.6	13.8	13.9	14.0	14.9	15.8	16.6	17.5	18.0
97.5°	86.7	80.2	64.4	48.6	32.7	16.9	17.0	17.0	17.1	17.2	17.3
100°	115.0	106.5	87.0	67.3	47.7	28.2	25.7	23.3	20.8	18.4	17.3
102.5°	146.0	145.7	143.2	140.6	138.0	135.5	109.4	83.4	57.3	31.3	18.3
105°	195.8	196.6	197.3	197.9	198.7	199.4	200.7	202.0	203.2	204.5	202.6
107.5°	244.1	244.8	245.7	246.7	247.6	248.6	249.3	249.9	250.5	251.2	251.7
110°	277.8	278.4	279.3	280.2	281.0	281.8	282.1	282.4	282.7	283.0	283.4



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	311.9	312.5	312.9	313.2	313.7	314.1	314.0	313.9	313.9	313.8	314.1
115°	360.8	361.0	360.8	360.8	360.6	360.4	360.8	361.0	361.3	361.6	361.7
117.5°	406.8	407.3	407.6	407.9	408.2	408.5	408.5	408.4	408.4	408.3	408.2
120°	437.5	437.7	437.6	437.5	437.3	437.1	437.5	437.7	438.0	438.2	438.2
122.5°	465.2	465.5	465.7	465.9	466.1	466.3	466.5	466.7	466.8	467.0	466.9
125°	507.1	507.3	507.0	506.8	506.4	506.2	506.6	507.0	507.5	507.9	508.2
127.5°	544.3	544.8	545.4	546.0	546.6	547.3	547.3	547.2	547.1	547.0	546.9
130°	569.4	569.6	570.1	570.5	570.9	571.4	571.5	571.6	571.8	572.0	572.0
132.5°	592.8	593.2	593.7	594.3	594.9	595.4	595.6	595.6	595.8	596.0	596.0
135°	625.8	625.9	626.5	627.1	627.7	628.3	628.5	628.8	629.1	629.4	629.6
137.5°	657.1	657.5	658.1	658.7	659.4	660.0	660.2	660.6	660.9	661.2	661.3
140°	678.0	678.2	678.6	678.8	679.1	679.4	679.8	680.2	680.6	681.1	681.4
142.5°	696.7	697.1	697.2	697.4	697.6	697.8	698.1	698.4	698.7	699.0	699.2
145°	723.9	724.1	724.1	724.1	724.1	724.1	724.3	724.4	724.5	724.7	724.9
147.5°	747.3	747.5	747.4	747.3	747.1	747.0	747.1	747.2	747.3	747.4	747.6
150°	762.2	762.4	762.2	762.1	762.0	761.8	761.8	761.8	761.8	761.8	761.9
152.5°	775.0	775.1	774.8	774.6	774.4	774.1	774.3	774.6	774.7	775.0	775.1
155°	792.5	792.3	791.9	791.4	791.0	790.6	791.2	791.7	792.3	792.8	792.9
157.5°	807.3	806.9	806.5	806.0	805.5	805.0	805.7	806.5	807.3	808.0	808.0
160°	815.1	814.8	814.7	814.5	814.3	814.2	815.1	816.0	816.7	817.6	817.6
162.5°	822.8	822.4	822.3	822.2	822.0	821.9	822.8	823.6	824.4	825.3	825.3
165°	832.5	832.2	832.2	832.2	832.2	832.2	833.3	834.4	835.5	836.6	836.6
167.5°	840.5	840.2	840.1	840.0	839.9	839.8	841.0	842.3	843.5	844.8	844.7
170°	844.7	844.3	844.5	844.6	844.7	844.9	846.0	847.1	848.3	849.5	849.3
172.5°	847.7	847.4	847.6	847.7	847.8	848.0	849.1	850.2	851.4	852.5	852.3
175°	851.1	850.8	850.8	851.0	851.2	851.3	852.6	853.9	855.1	856.4	856.2
177.5°	852.8	852.6	852.8	853.0	853.3	853.4	854.4	855.3	856.2	857.1	856.9
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1084.9	1085.6	1083.1	1082.3	1083.1	1085.6	1084.9	1087.1	1087.4	1090.4	1089.3
5°	1006.5	1005.6	1003.3	1003.8	1003.3	1005.6	1006.5	1010.1	1012.0	1019.3	1018.4
7.5°	939.4	935.9	936.9	933.2	936.9	935.9	939.4	942.7	948.3	951.7	959.4
10°	898.5	893.4	889.2	885.6	889.2	893.4	898.5	900.3	908.0	911.7	919.5
12.5°	842.4	838.1	832.5	833.6	832.5	838.1	842.4	850.4	860.4	868.1	880.3
15°	762.8	756.0	745.0	746.4	745.0	756.0	762.8	768.9	778.9	796.3	804.5
17.5°	695.6	695.7	690.6	691.8	690.6	695.7	695.6	703.7	708.9	720.0	732.5
20°	660.7	657.5	658.0	656.7	658.0	657.5	660.7	670.4	675.9	683.6	697.4
22.5°	636.6	632.7	629.5	626.6	629.5	632.7	636.6	639.2	646.6	654.0	665.1
25°	595.7	593.0	588.8	588.0	588.8	593.0	595.7	599.9	603.6	613.1	620.0
27.5°	559.8	559.3	557.7	555.5	557.7	559.3	559.8	563.5	568.3	574.4	583.1
30°	539.0	538.0	537.1	535.7	537.1	538.0	539.0	542.6	546.3	551.3	558.2
32.5°	520.3	519.7	518.8	518.9	518.8	519.7	520.3	522.1	524.3	530.8	536.2
35°	493.6	493.2	492.2	491.8	492.2	493.2	493.6	495.4	496.8	498.7	503.3
37.5°	468.7	469.9	469.3	469.2	469.3	469.9	468.7	469.2	467.7	471.0	474.2
40°	451.5	451.9	452.9	452.5	452.9	451.9	451.5	451.9	451.9	451.9	454.7
42.5°	437.2	437.3	438.6	437.0	438.6	437.3	437.2	435.5	433.3	433.6	434.5
45°	411.6	414.4	414.0	414.0	414.0	414.4	411.6	408.5	408.0	406.1	406.1
47.5°	383.7	386.1	386.8	386.7	386.8	386.1	383.7	382.5	380.5	378.6	378.4
50°	365.4	364.5	365.8	365.4	365.8	364.5	365.4	363.1	359.9	359.9	359.0
52.5°	343.1	343.3	343.2	342.7	343.2	343.3	343.1	341.9	340.5	339.1	338.5
55°	308.7	309.1	308.2	308.7	308.2	309.1	308.7	308.2	308.2	307.3	308.2
57.5°	271.3	269.1	270.0	268.9	270.0	269.1	271.3	273.3	274.1	274.2	275.6
60°	244.5	240.8	240.0	238.2	240.0	240.8	244.5	249.1	250.9	251.8	253.2
62.5°	214.5	211.9	208.8	210.3	208.8	211.9	214.5	219.5	223.4	226.6	229.8
65°	174.4	172.6	171.3	173.1	171.3	172.6	174.4	178.1	181.8	189.1	196.0
67.5°	144.4	143.4	143.4	142.5	143.4	143.4	144.4	146.3	148.5	152.6	159.0
70°	128.6	127.3	127.3	126.4	127.3	127.3	128.6	128.6	131.0	132.8	137.4
72.5°	112.5	111.2	111.6	111.0	111.6	111.2	112.5	113.0	115.2	116.0	118.0
75°	83.3	81.0	81.0	81.5	81.0	81.0	83.3	86.1	88.3	92.5	93.4
77.5°	62.2	61.7	62.3	61.6	62.3	61.7	62.2	62.2	62.7	64.6	66.1
80°	50.8	50.4	49.9	51.3	49.9	50.4	50.8	50.8	51.3	51.7	52.2
82.5°	39.4	39.3	39.3	41.1	39.3	39.3	39.4	40.2	40.3	40.0	40.5
85°	23.8	22.9	23.8	22.9	23.8	22.9	23.8	23.3	23.8	23.3	23.8
87.5°	12.1	11.8	11.5	11.9	11.5	11.8	12.1	11.3	11.2	11.7	11.2
90°	18.3	18.6	18.9	19.2	18.9	18.6	18.3	18.0	17.5	16.6	15.8
92.5°	17.5	17.6	17.6	17.7	17.6	17.6	17.5	17.4	17.0	16.1	15.2
95°	18.1	18.3	18.4	18.5	18.4	18.3	18.1	18.0	17.5	16.6	15.8
97.5°	17.5	17.7	17.7	17.9	17.7	17.7	17.5	17.3	17.2	17.1	17.0
100°	17.5	17.7	17.7	17.9	17.7	17.7	17.5	17.3	18.4	20.8	23.3
102.5°	18.3	18.3	18.3	18.4	18.3	18.3	18.3	18.3	31.3	57.3	83.4
105°	197.5	192.3	187.3	182.2	187.3	192.3	197.5	202.6	204.5	203.2	202.0
107.5°	252.3	252.8	253.3	253.8	253.3	252.8	252.3	251.7	251.2	250.5	249.9
110°	283.8	284.2	284.6	285.1	284.6	284.2	283.8	283.4	283.0	282.7	282.4



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	314.6	315.1	315.7	316.2	315.7	315.1	314.6	314.1	313.8	313.9	313.9
115°	361.7	361.7	361.7	361.7	361.7	361.7	361.7	361.7	361.6	361.3	361.0
117.5°	408.2	408.1	408.0	408.0	408.0	408.1	408.2	408.2	408.3	408.4	408.4
120°	438.0	437.7	437.5	437.1	437.5	437.7	438.0	438.2	438.2	438.0	437.7
122.5°	466.7	466.3	466.1	465.8	466.1	466.3	466.7	466.9	467.0	466.8	466.7
125°	508.3	508.4	508.6	508.8	508.6	508.4	508.3	508.2	507.9	507.5	507.0
127.5°	546.8	546.6	546.6	546.5	546.6	546.6	546.8	546.9	547.0	547.1	547.2
130°	572.0	572.0	572.0	572.0	572.0	572.0	572.0	572.0	572.0	571.8	571.6
132.5°	595.9	595.7	595.6	595.6	595.6	595.7	595.9	596.0	596.0	595.8	595.6
135°	629.9	630.3	630.5	630.8	630.5	630.3	629.9	629.6	629.4	629.1	628.8
137.5°	661.2	661.2	661.1	661.0	661.1	661.2	661.2	661.3	661.2	660.9	660.6
140°	681.5	681.7	681.8	681.9	681.8	681.7	681.5	681.4	681.1	680.6	680.2
142.5°	699.2	699.2	699.3	699.3	699.3	699.2	699.2	699.2	699.0	698.7	698.4
145°	725.1	725.5	725.7	726.0	725.7	725.5	725.1	724.9	724.7	724.5	724.4
147.5°	747.7	747.9	748.0	748.1	748.0	747.9	747.7	747.6	747.4	747.3	747.2
150°	762.1	762.2	762.3	762.4	762.3	762.2	762.1	761.9	761.8	761.8	761.8
152.5°	775.0	774.9	774.8	774.7	774.8	774.9	775.0	775.1	775.0	774.7	774.6
155°	792.5	792.0	791.6	791.3	791.6	792.0	792.5	792.9	792.8	792.3	791.7
157.5°	807.3	806.5	805.7	805.0	805.7	806.5	807.3	808.0	808.0	807.3	806.5
160°	816.7	816.0	815.1	814.2	815.1	816.0	816.7	817.6	817.6	816.7	816.0
162.5°	824.3	823.3	822.3	821.4	822.3	823.3	824.3	825.3	825.3	824.4	823.6
165°	835.3	834.1	832.8	831.5	832.8	834.1	835.3	836.6	836.6	835.5	834.4
167.5°	843.3	841.9	840.4	839.0	840.4	841.9	843.3	844.7	844.8	843.5	842.3
170°	847.9	846.4	845.1	843.6	845.1	846.4	847.9	849.3	849.5	848.3	847.1
172.5°	850.8	849.3	847.7	846.2	847.7	849.3	850.8	852.3	852.5	851.4	850.2
175°	854.5	852.8	851.1	849.4	851.1	852.8	854.5	856.2	856.4	855.1	853.9
177.5°	855.5	854.1	852.8	851.4	852.8	854.1	855.5	856.9	857.1	856.2	855.3
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1087.1	1089.7	1095.5	1102.1	1107.6	1112.3	1116.0	1121.1	1125.9	1132.5	1138.8
5°	1021.1	1027.5	1036.7	1047.7	1061.4	1070.6	1082.0	1092.1	1106.7	1121.5	1135.7
7.5°	963.3	970.3	983.8	999.0	1015.3	1030.3	1043.9	1061.6	1081.1	1102.3	1126.2
10°	925.9	933.7	949.7	967.1	986.4	1001.0	1019.3	1040.3	1062.4	1088.5	1117.8
12.5°	892.2	899.6	918.9	936.7	956.7	972.8	994.0	1015.5	1044.7	1073.1	1106.4
15°	826.6	846.2	868.2	889.2	913.1	932.8	958.4	980.4	1008.3	1048.2	1086.2
17.5°	753.6	774.6	801.9	834.4	866.3	890.7	916.7	944.0	977.2	1018.0	1061.8
20°	711.1	728.1	758.3	794.4	831.6	865.5	889.2	919.5	953.8	997.8	1043.1
22.5°	679.2	693.6	717.3	753.5	793.5	832.8	863.2	893.1	931.1	975.1	1024.4
25°	631.5	647.0	667.6	692.3	738.1	779.8	819.7	854.0	894.3	938.2	993.2
27.5°	591.7	605.3	624.1	649.9	680.6	726.6	774.9	814.1	855.4	902.6	957.6
30°	568.3	579.3	594.9	621.0	650.2	691.5	740.5	786.3	827.9	876.9	934.1
32.5°	543.7	555.4	570.7	591.2	622.8	657.4	706.4	756.6	800.8	850.9	907.1
35°	511.0	520.2	533.9	555.0	583.4	613.6	657.1	708.9	755.5	809.2	862.7
37.5°	477.9	488.8	499.6	518.3	541.7	574.1	609.8	662.6	714.4	763.3	815.5
40°	459.3	465.7	477.6	492.8	517.5	546.3	579.7	631.5	683.2	731.8	784.4
42.5°	438.4	445.6	455.6	470.7	492.9	521.0	553.7	598.5	652.5	699.5	747.4
45°	409.4	413.5	423.5	436.4	454.7	483.1	513.3	553.2	604.0	648.8	691.0
47.5°	380.0	383.7	389.9	401.7	422.2	445.0	473.3	509.0	553.6	598.5	634.1
50°	359.9	363.1	369.1	380.0	398.4	420.9	448.8	480.8	520.6	563.7	593.5
52.5°	339.8	341.5	347.1	359.6	375.0	397.0	422.0	451.5	488.8	524.5	554.7
55°	307.7	311.9	315.5	324.7	339.3	360.4	382.8	410.8	439.6	469.8	495.4
57.5°	274.3	278.8	284.1	292.1	303.8	323.4	343.5	366.2	390.8	415.9	437.4
60°	252.3	256.4	261.0	270.2	280.7	296.3	318.2	337.9	356.7	379.6	401.1
62.5°	230.7	234.8	240.1	247.5	257.6	272.4	290.8	307.9	327.4	347.4	363.4
65°	198.7	201.9	206.0	212.9	222.6	235.8	250.9	264.2	281.6	296.3	310.9
67.5°	163.7	169.8	175.2	180.8	188.9	201.3	212.2	224.9	236.8	247.6	261.0
70°	140.6	147.5	152.5	158.4	166.3	176.8	187.3	196.0	205.6	216.1	228.1
72.5°	121.1	126.6	130.5	136.8	143.9	153.7	163.5	170.7	178.5	185.7	197.3
75°	95.7	98.0	100.7	105.8	112.2	119.5	127.3	133.7	138.3	144.7	152.9
77.5°	68.8	73.2	75.0	78.6	83.2	87.7	92.9	98.2	102.6	105.0	111.2
80°	52.7	54.5	56.3	61.4	64.1	68.7	72.3	77.4	79.2	81.5	87.5
82.5°	40.9	42.0	43.1	44.5	46.1	50.7	54.4	57.6	59.4	60.3	64.7
85°	23.8	24.3	24.7	25.2	25.7	25.7	27.5	29.8	33.0	33.0	34.4
87.5°	11.0	11.3	11.0	10.4	10.9	10.7	10.8	10.5	11.3	12.1	12.8
90°	14.9	14.0	12.9	11.8	10.7	9.6	8.2	6.6	5.1	3.4	1.9
92.5°	14.4	13.5	12.4	11.3	10.2	9.0	8.4	8.3	8.3	8.2	8.1
95°	14.9	14.0	13.9	13.8	13.6	13.5	15.8	20.7	25.5	30.3	35.1
97.5°	17.0	16.9	32.7	48.6	64.4	80.2	86.7	83.7	80.7	77.7	74.6
100°	25.7	28.2	47.7	67.3	87.0	106.5	115.0	112.4	109.9	107.4	104.8
102.5°	109.4	135.5	138.0	140.6	143.2	145.7	146.0	144.2	142.3	140.4	138.5
105°	200.7	199.4	198.7	197.9	197.3	196.6	195.8	194.9	194.1	193.2	192.3
107.5°	249.3	248.6	247.6	246.7	245.7	244.8	244.1	243.7	243.2	242.8	242.4
110°	282.1	281.8	281.0	280.2	279.3	278.4	277.8	277.4	277.0	276.6	276.1



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	314.0	314.1	313.7	313.2	312.9	312.5	311.9	311.1	310.4	309.6	308.8
115°	360.8	360.4	360.6	360.8	360.8	361.0	360.8	360.4	360.1	359.6	359.2
117.5°	408.5	408.5	408.2	407.9	407.6	407.3	406.8	406.2	405.7	405.1	404.6
120°	437.5	437.1	437.3	437.5	437.6	437.7	437.5	437.0	436.4	435.8	435.2
122.5°	466.5	466.3	466.1	465.9	465.7	465.5	465.2	464.9	464.5	464.2	463.9
125°	506.6	506.2	506.4	506.8	507.0	507.3	507.1	506.6	506.0	505.5	504.9
127.5°	547.3	547.3	546.6	546.0	545.4	544.8	544.3	544.2	544.1	543.9	543.7
130°	571.5	571.4	570.9	570.5	570.1	569.6	569.4	569.2	569.1	568.9	568.8
132.5°	595.6	595.4	594.9	594.3	593.7	593.2	592.8	592.5	592.4	592.1	591.9
135°	628.5	628.3	627.7	627.1	626.5	625.9	625.8	625.9	626.0	626.2	626.3
137.5°	660.2	660.0	659.4	658.7	658.1	657.5	657.1	657.0	657.0	656.9	656.9
140°	679.8	679.4	679.1	678.8	678.6	678.2	678.0	677.7	677.3	677.1	676.8
142.5°	698.1	697.8	697.6	697.4	697.2	697.1	696.7	696.2	695.8	695.3	694.7
145°	724.3	724.1	724.1	724.1	724.1	724.1	723.9	723.5	723.1	722.6	722.2
147.5°	747.1	747.0	747.1	747.3	747.4	747.5	747.3	746.4	745.6	744.9	744.1
150°	761.8	761.8	762.0	762.1	762.2	762.4	762.2	761.6	761.0	760.4	759.9
152.5°	774.3	774.1	774.4	774.6	774.8	775.1	775.0	774.6	774.1	773.6	773.2
155°	791.2	790.6	791.0	791.4	791.9	792.3	792.5	792.3	792.1	792.0	791.9
157.5°	805.7	805.0	805.5	806.0	806.5	806.9	807.3	807.4	807.4	807.5	807.6
160°	815.1	814.2	814.3	814.5	814.7	814.8	815.1	815.5	816.0	816.3	816.7
162.5°	822.8	821.9	822.0	822.2	822.3	822.4	822.8	823.4	823.9	824.4	824.9
165°	833.3	832.2	832.2	832.2	832.2	832.2	832.5	833.2	833.9	834.6	835.3
167.5°	841.0	839.8	839.9	840.0	840.1	840.2	840.5	841.3	842.1	842.7	843.5
170°	846.0	844.9	844.7	844.6	844.5	844.3	844.7	845.5	846.4	847.2	848.1
172.5°	849.1	848.0	847.8	847.7	847.6	847.4	847.7	848.6	849.5	850.3	851.2
175°	852.6	851.3	851.2	851.0	850.8	850.8	851.1	852.0	852.8	853.6	854.5
177.5°	854.4	853.4	853.3	853.0	852.8	852.6	852.8	853.6	854.5	855.2	856.0
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5



TEST NUMBER: P333059-935

CATALOG NUMBER: S124RDIW-S795D770U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1143.5	1146.8	1150.5	1157.4	1163.3	1165.9	1171.0	1174.7	1173.5	1178.6	1187.5
5°	1148.0	1160.4	1174.6	1189.2	1205.7	1219.4	1230.4	1241.4	1250.1	1260.6	1276.2
7.5°	1147.3	1169.2	1193.2	1219.4	1246.5	1269.8	1291.4	1313.4	1332.9	1354.3	1382.2
10°	1144.4	1173.6	1203.4	1237.8	1272.0	1304.6	1333.9	1361.4	1387.5	1415.4	1450.7
12.5°	1141.0	1174.7	1210.7	1252.0	1294.8	1333.9	1368.3	1407.9	1440.6	1476.6	1517.3
15°	1126.4	1171.8	1220.8	1274.4	1325.7	1378.3	1425.5	1474.0	1519.3	1562.4	1613.7
17.5°	1109.8	1162.1	1219.9	1283.1	1344.8	1408.8	1464.7	1526.0	1572.3	1630.0	1677.7
20°	1096.2	1152.5	1214.4	1285.4	1355.4	1426.4	1488.2	1550.5	1602.7	1660.9	1721.3
22.5°	1079.8	1141.6	1208.5	1282.0	1355.4	1433.0	1501.4	1563.3	1628.0	1693.4	1755.8
25°	1053.2	1117.3	1188.3	1268.9	1353.1	1432.4	1505.6	1582.5	1652.2	1723.1	1779.0
27.5°	1020.6	1087.9	1162.7	1245.9	1332.3	1413.5	1499.8	1581.7	1651.7	1720.1	1768.8
30°	994.5	1065.6	1137.5	1221.7	1311.5	1398.4	1491.0	1573.0	1646.7	1708.1	1735.5
32.5°	967.9	1035.2	1109.2	1194.6	1286.5	1380.2	1471.9	1555.7	1623.9	1660.8	1661.5
35°	921.4	984.5	1061.4	1145.2	1239.6	1341.3	1434.2	1516.6	1558.2	1561.5	1516.6
37.5°	870.6	928.6	1001.2	1085.0	1188.4	1289.5	1384.5	1439.4	1453.3	1406.7	1323.7
40°	834.3	887.9	957.9	1044.0	1146.6	1251.0	1337.6	1377.9	1363.2	1287.6	1195.2
42.5°	796.3	846.1	913.6	998.6	1101.6	1207.0	1280.7	1302.4	1263.6	1176.3	1068.1
45°	734.0	779.8	846.7	932.3	1031.2	1130.1	1186.0	1175.0	1110.4	1006.9	885.6
47.5°	669.3	713.5	773.7	852.9	954.2	1039.6	1077.4	1044.2	952.4	838.5	739.8
50°	626.5	671.8	727.2	802.7	895.2	977.7	1001.9	951.6	849.5	739.9	649.3
52.5°	584.3	623.0	677.3	750.4	838.8	908.4	921.4	863.2	757.9	659.8	579.4
55°	520.2	555.4	601.2	669.9	746.4	805.5	798.6	723.9	628.3	544.5	481.3
57.5°	458.2	484.7	527.0	591.4	658.6	698.2	673.1	609.5	520.3	451.7	398.4
60°	417.2	441.9	481.3	537.6	596.7	619.1	598.1	528.9	458.4	395.6	350.8
62.5°	378.3	400.1	434.0	486.3	534.0	547.3	524.8	464.4	400.9	347.2	310.1
65°	321.9	342.1	370.9	408.0	441.0	447.4	432.7	370.9	322.8	277.9	252.3
67.5°	270.7	283.9	306.4	338.5	356.0	359.7	331.4	292.6	250.2	222.7	203.3
70°	236.3	245.5	266.5	283.9	298.1	298.6	272.4	241.3	208.8	186.4	172.2
72.5°	202.9	211.7	227.6	239.6	250.5	246.9	223.0	198.5	172.2	155.2	144.7
75°	156.6	164.4	172.6	178.1	178.1	173.6	156.2	137.8	122.7	112.6	109.4
77.5°	113.8	120.3	123.0	122.2	120.5	113.4	102.4	90.4	85.0	80.2	77.8
80°	89.3	92.0	93.0	90.7	87.9	79.6	72.3	67.3	62.3	60.4	59.5
82.5°	66.2	68.6	66.2	66.8	60.8	54.1	50.0	48.3	46.1	45.5	44.5
85°	35.3	34.8	33.9	31.6	27.5	26.5	26.1	25.7	24.7	25.2	24.3
87.5°	12.7	12.0	10.8	10.8	11.0	10.6	11.1	11.4	11.6	11.4	12.3
90°	3.4	5.1	6.6	8.2	9.6	10.7	11.8	12.9	14.0	14.9	15.8
92.5°	8.2	8.3	8.3	8.4	9.0	10.2	11.3	12.4	13.5	14.4	15.2
95°	30.3	25.5	20.7	15.8	13.5	13.6	13.8	13.9	14.0	14.9	15.8
97.5°	77.7	80.7	83.7	86.7	80.2	64.4	48.6	32.7	16.9	17.0	17.0
100°	107.4	109.9	112.4	115.0	106.5	87.0	67.3	47.7	28.2	25.7	23.3
102.5°	140.4	142.3	144.2	146.0	145.7	143.2	140.6	138.0	135.5	109.4	83.4
105°	193.2	194.1	194.9	195.8	196.6	197.3	197.9	198.7	199.4	200.7	202.0
107.5°	242.8	243.2	243.7	244.1	244.8	245.7	246.7	247.6	248.6	249.3	249.9
110°	276.6	277.0	277.4	277.8	278.4	279.3	280.2	281.0	281.8	282.1	282.4





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	309.6	310.4	311.1	311.9	312.5	312.9	313.2	313.7	314.1	314.0	313.9
115°	359.6	360.1	360.4	360.8	361.0	360.8	360.8	360.6	360.4	360.8	361.0
117.5°	405.1	405.7	406.2	406.8	407.3	407.6	407.9	408.2	408.5	408.5	408.4
120°	435.8	436.4	437.0	437.5	437.7	437.6	437.5	437.3	437.1	437.5	437.7
122.5°	464.2	464.5	464.9	465.2	465.5	465.7	465.9	466.1	466.3	466.5	466.7
125°	505.5	506.0	506.6	507.1	507.3	507.0	506.8	506.4	506.2	506.6	507.0
127.5°	543.9	544.1	544.2	544.3	544.8	545.4	546.0	546.6	547.3	547.3	547.2
130°	568.9	569.1	569.2	569.4	569.6	570.1	570.5	570.9	571.4	571.5	571.6
132.5°	592.1	592.4	592.5	592.8	593.2	593.7	594.3	594.9	595.4	595.6	595.6
135°	626.2	626.0	625.9	625.8	625.9	626.5	627.1	627.7	628.3	628.5	628.8
137.5°	656.9	657.0	657.0	657.1	657.5	658.1	658.7	659.4	660.0	660.2	660.6
140°	677.1	677.3	677.7	678.0	678.2	678.6	678.8	679.1	679.4	679.8	680.2
142.5°	695.3	695.8	696.2	696.7	697.1	697.2	697.4	697.6	697.8	698.1	698.4
145°	722.6	723.1	723.5	723.9	724.1	724.1	724.1	724.1	724.1	724.3	724.4
147.5°	744.9	745.6	746.4	747.3	747.5	747.4	747.3	747.1	747.0	747.1	747.2
150°	760.4	761.0	761.6	762.2	762.4	762.2	762.1	762.0	761.8	761.8	761.8
152.5°	773.6	774.1	774.6	775.0	775.1	774.8	774.6	774.4	774.1	774.3	774.6
155°	792.0	792.1	792.3	792.5	792.3	791.9	791.4	791.0	790.6	791.2	791.7
157.5°	807.5	807.4	807.4	807.3	806.9	806.5	806.0	805.5	805.0	805.7	806.5
160°	816.3	816.0	815.5	815.1	814.8	814.7	814.5	814.3	814.2	815.1	816.0
162.5°	824.4	823.9	823.4	822.8	822.4	822.3	822.2	822.0	821.9	822.8	823.6
165°	834.6	833.9	833.2	832.5	832.2	832.2	832.2	832.2	832.2	833.3	834.4
167.5°	842.7	842.1	841.3	840.5	840.2	840.1	840.0	839.9	839.8	841.0	842.3
170°	847.2	846.4	845.5	844.7	844.3	844.5	844.6	844.7	844.9	846.0	847.1
172.5°	850.3	849.5	848.6	847.7	847.4	847.6	847.7	847.8	848.0	849.1	850.2
175°	853.6	852.8	852.0	851.1	850.8	850.8	851.0	851.2	851.3	852.6	853.9
177.5°	855.2	854.5	853.6	852.8	852.6	852.8	853.0	853.3	853.4	854.4	855.3
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5	854.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1192.2	1193.7	1194.8	1198.4	1198.8	1202.1	1198.8
5°	1290.8	1297.3	1307.3	1317.4	1318.4	1324.7	1313.3
7.5°	1401.4	1416.3	1425.6	1441.8	1448.3	1452.3	1445.7
10°	1477.6	1491.4	1515.7	1527.6	1539.5	1541.4	1535.9
12.5°	1551.3	1573.1	1592.2	1614.8	1614.2	1630.4	1624.4
15°	1649.4	1671.8	1698.4	1723.5	1732.8	1732.8	1740.1
17.5°	1719.3	1760.5	1788.0	1807.8	1829.4	1833.1	1830.6
20°	1766.6	1811.0	1840.4	1866.0	1880.7	1884.7	1884.7
22.5°	1801.8	1839.6	1868.2	1891.3	1903.3	1908.2	1906.8
25°	1826.2	1858.6	1876.0	1882.9	1886.1	1885.2	1876.5
27.5°	1792.8	1791.3	1780.4	1759.3	1743.4	1733.8	1722.9
30°	1729.1	1705.3	1677.8	1647.5	1608.6	1578.9	1569.7
32.5°	1634.2	1580.7	1534.2	1483.8	1442.0	1412.2	1399.7
35°	1450.7	1366.0	1296.8	1236.4	1192.4	1164.9	1155.8
37.5°	1232.9	1150.9	1065.3	1006.7	970.3	942.5	932.1
40°	1094.4	1005.1	930.5	875.6	838.0	811.0	810.5
42.5°	968.0	882.8	812.5	772.9	732.5	714.6	714.5
45°	792.6	724.4	664.9	633.8	609.5	594.9	590.7
47.5°	656.3	599.9	560.2	535.4	515.6	506.3	500.2
50°	579.7	530.3	498.7	477.2	466.1	454.3	453.3
52.5°	516.0	476.0	451.4	433.9	420.0	412.8	413.0
55°	433.6	402.1	384.6	371.3	360.4	354.9	352.6
57.5°	365.3	341.6	329.0	316.8	312.1	307.8	306.6
60°	322.8	306.8	294.9	285.2	278.4	277.1	276.6
62.5°	287.7	270.9	262.7	255.2	250.2	248.1	247.3
65°	237.2	224.8	217.5	211.5	209.7	206.6	206.0
67.5°	191.2	183.8	178.9	174.9	172.4	172.2	172.2
70°	163.0	158.9	154.8	152.5	151.1	150.2	150.2
72.5°	138.9	135.8	132.4	131.2	131.0	130.0	129.7
75°	105.8	102.5	103.1	100.7	98.9	96.6	95.2
77.5°	75.0	72.8	72.2	72.0	70.4	70.2	70.9
80°	58.1	55.9	55.4	55.9	55.4	54.1	54.1
82.5°	44.3	42.3	41.8	41.6	41.2	41.6	40.8
85°	23.8	22.9	22.9	22.9	23.8	23.3	22.9
87.5°	11.7	11.5	12.1	11.7	11.8	11.5	11.9
90°	16.6	17.5	18.0	18.3	18.6	18.9	19.2
92.5°	16.1	17.0	17.4	17.5	17.6	17.6	17.7
95°	16.6	17.5	18.0	18.1	18.3	18.4	18.5
97.5°	17.1	17.2	17.3	17.5	17.7	17.7	17.9
100°	20.8	18.4	17.3	17.5	17.7	17.7	17.9
102.5°	57.3	31.3	18.3	18.3	18.3	18.3	18.4
105°	203.2	204.5	202.6	197.5	192.3	187.3	182.2
107.5°	250.5	251.2	251.7	252.3	252.8	253.3	253.8
110°	282.7	283.0	283.4	283.8	284.2	284.6	285.1



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	313.9	313.8	314.1	314.6	315.1	315.7	316.2
115°	361.3	361.6	361.7	361.7	361.7	361.7	361.7
117.5°	408.4	408.3	408.2	408.2	408.1	408.0	408.0
120°	438.0	438.2	438.2	438.0	437.7	437.5	437.1
122.5°	466.8	467.0	466.9	466.7	466.3	466.1	465.8
125°	507.5	507.9	508.2	508.3	508.4	508.6	508.8
127.5°	547.1	547.0	546.9	546.8	546.6	546.6	546.5
130°	571.8	572.0	572.0	572.0	572.0	572.0	572.0
132.5°	595.8	596.0	596.0	595.9	595.7	595.6	595.6
135°	629.1	629.4	629.6	629.9	630.3	630.5	630.8
137.5°	660.9	661.2	661.3	661.2	661.2	661.1	661.0
140°	680.6	681.1	681.4	681.5	681.7	681.8	681.9
142.5°	698.7	699.0	699.2	699.2	699.2	699.3	699.3
145°	724.5	724.7	724.9	725.1	725.5	725.7	726.0
147.5°	747.3	747.4	747.6	747.7	747.9	748.0	748.1
150°	761.8	761.8	761.9	762.1	762.2	762.3	762.4
152.5°	774.7	775.0	775.1	775.0	774.9	774.8	774.7
155°	792.3	792.8	792.9	792.5	792.0	791.6	791.3
157.5°	807.3	808.0	808.0	807.3	806.5	805.7	805.0
160°	816.7	817.6	817.6	816.7	816.0	815.1	814.2
162.5°	824.4	825.3	825.3	824.3	823.3	822.3	821.4
165°	835.5	836.6	836.6	835.3	834.1	832.8	831.5
167.5°	843.5	844.8	844.7	843.3	841.9	840.4	839.0
170°	848.3	849.5	849.3	847.9	846.4	845.1	843.6
172.5°	851.4	852.5	852.3	850.8	849.3	847.7	846.2
175°	855.1	856.4	856.2	854.5	852.8	851.1	849.4
177.5°	856.2	857.1	856.9	855.5	854.1	852.8	851.4
180°	854.5	854.5	854.5	854.5	854.5	854.5	854.5

(END OF REPORT)