

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: P332781-935

Luminaire Tested: **S124DIW-S795D770U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332781-935
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: S124DIW-S795D770U935-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 770 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5695.5 lumens
Efficiency: N/A
Efficacy: 126.6 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

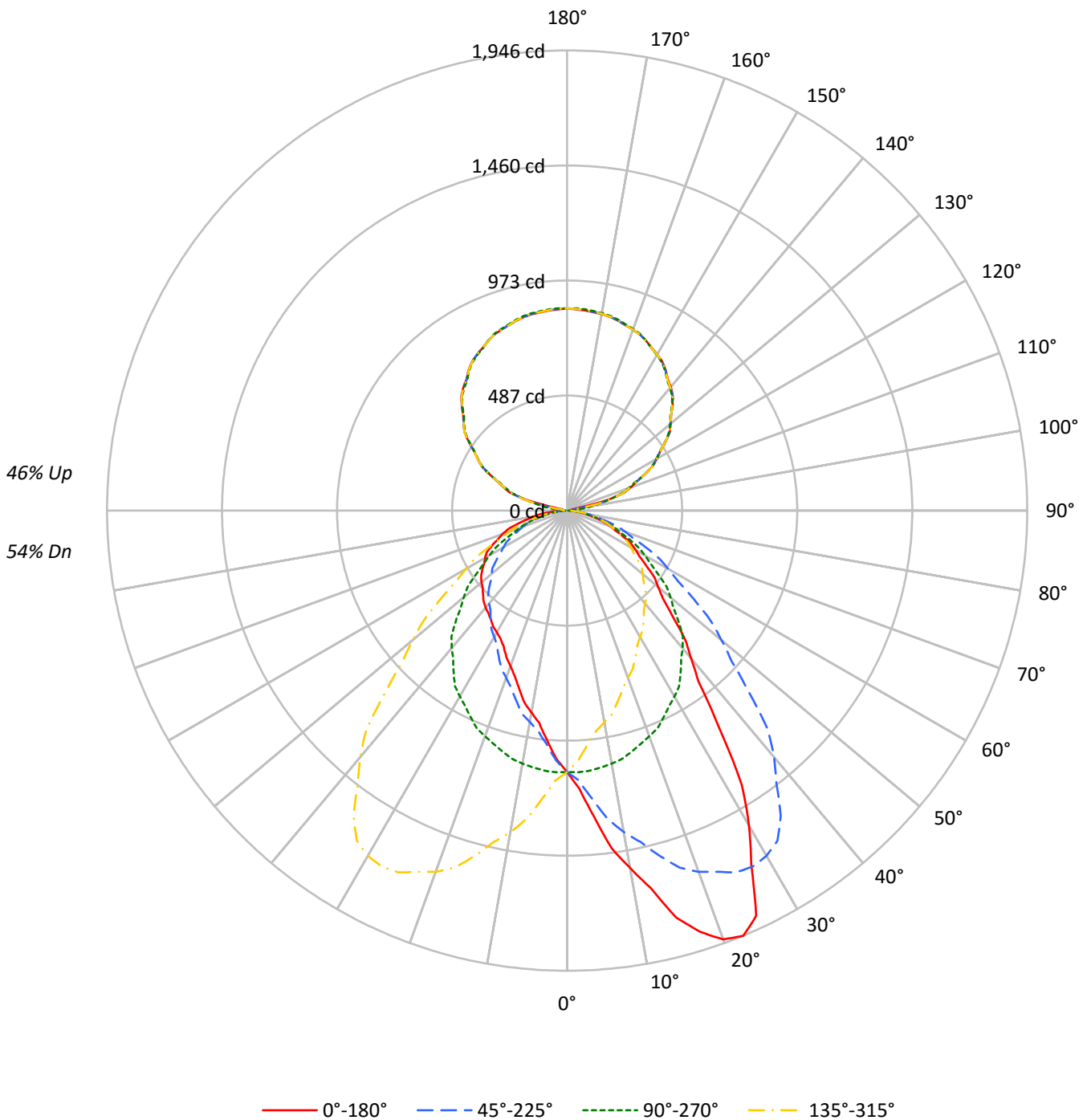
Input Watts (W): 45
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	72	72	72	59	59	59	54
1	99	95	91	87	91	88	85	82	75	73	71	64	62	60	53	52	51	46
2	90	83	77	72	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	66	60	76	68	62	57	59	54	50	50	46	43	42	39	37	33
4	76	65	57	51	70	60	54	48	52	47	43	45	40	37	37	34	32	28
5	69	58	50	44	64	54	47	42	47	41	37	40	36	32	34	31	28	25
6	64	52	44	38	59	49	41	36	42	37	32	36	32	29	31	27	25	22
7	59	47	39	34	55	44	37	32	38	33	29	33	29	25	28	25	22	20
8	55	43	35	30	51	40	33	28	35	29	25	30	26	23	26	22	20	18
9	51	39	32	27	48	37	30	25	32	27	23	28	24	20	24	20	18	16
10	48	36	29	24	44	34	27	23	30	24	21	26	22	18	22	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8924	8924	8924	8924
5°	10509	8947	7897	8947
10°	12582	8908	7110	8908
15°	14888	8818	6529	8818
20°	16578	8725	6010	8725
25°	16846	8590	5653	8590
30°	14334	8460	5540	8460
35°	11020	8250	5542	8250
40°	8590	8001	5647	8001
45°	7162	7628	5740	7628
50°	6303	7171	5936	7171
55°	5775	6625	6175	6625
60°	5412	6135	6462	6135
65°	5037	5589	6701	5589
70°	4605	5049	6852	5049
75°	4114	4442	6772	4442
80°	3450	3640	6555	3640
85°	2547	2631	6280	2631



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.7	1.9
10°-20°	331.9	5.8
20°-30°	526.4	9.2
30°-40°	585.8	10.3
40°-50°	533.2	9.4
50°-60°	435.7	7.7
60°-70°	311.1	5.5
70°-80°	171.3	3.0
80°-90°	49.2	0.9
90°-100°	29.2	0.5
100°-110°	186.3	3.3
110°-120°	356.5	6.3
120°-130°	452.5	7.9
130°-140°	484.2	8.5
140°-150°	452.7	7.9
150°-160°	365.1	6.4
160°-170°	235.5	4.1
170°-180°	81.2	1.4
0°-30°	966.0	17.0
0°-40°	1551.8	27.2
0°-60°	2520.7	44.3
0°-90°	3052.3	53.6
90°-120°	572.0	10.0
90°-150°	1961.4	34.4
90°-180°	2643.0	46.4
0°-180°	5695.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1105	1105	1105	1105	1105	
5°	1297	1104	974	1104	1297	132
15°	1781	1055	781	1055	1781	503
25°	1891	964	635	964	1891	834
35°	1118	837	562	837	1118	710
45°	627	668	503	668	627	494
55°	410	471	439	471	410	371
65°	264	293	351	293	264	261
75°	132	142	217	142	132	140
85°	28	28	68	28	28	34
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°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1176.5	1176.1	1172.4	1171.7	1169.2	1165.9	1165.1	1159.3	1147.5	1142.0	1140.6
5°	1296.8	1306.0	1294.1	1291.8	1290.4	1275.3	1267.5	1258.4	1237.3	1224.9	1215.3
7.5°	1440.5	1441.5	1436.3	1432.1	1420.5	1407.2	1387.5	1366.4	1341.4	1315.2	1295.5
10°	1534.9	1538.6	1532.7	1531.7	1508.4	1493.7	1464.4	1439.7	1411.3	1379.7	1350.8
12.5°	1634.6	1629.4	1626.4	1606.8	1602.5	1575.8	1541.7	1516.2	1472.5	1436.1	1397.7
15°	1781.3	1771.2	1764.8	1737.8	1724.5	1687.4	1651.2	1623.3	1566.1	1511.6	1470.3
17.5°	1867.3	1877.4	1862.6	1851.5	1817.1	1791.1	1754.2	1695.6	1650.8	1583.1	1531.1
20°	1929.7	1930.5	1922.4	1910.9	1883.9	1850.9	1810.6	1746.5	1692.9	1625.6	1554.2
22.5°	1946.5	1946.7	1943.2	1932.5	1912.0	1885.3	1844.7	1791.1	1726.2	1653.0	1581.7
25°	1891.2	1889.4	1893.5	1905.4	1897.6	1889.4	1866.0	1826.2	1765.7	1688.3	1611.4
27.5°	1685.7	1698.3	1721.6	1750.8	1779.1	1800.6	1806.6	1798.5	1761.0	1697.4	1616.8
30°	1537.7	1553.2	1570.6	1599.9	1656.7	1689.3	1724.9	1752.0	1736.9	1686.0	1610.9
32.5°	1375.0	1378.9	1404.7	1438.0	1490.0	1552.6	1609.2	1664.1	1682.3	1655.6	1593.0
35°	1118.2	1124.6	1152.5	1185.5	1249.2	1325.7	1410.8	1486.9	1549.5	1574.8	1542.7
37.5°	912.5	930.9	950.6	986.1	1042.2	1110.9	1199.5	1297.8	1391.3	1454.0	1464.6
40°	815.1	826.6	840.8	867.7	915.3	983.2	1059.1	1171.8	1271.2	1360.9	1390.3
42.5°	738.1	744.9	753.5	778.0	814.2	881.7	951.1	1050.2	1150.0	1257.2	1306.3
45°	627.3	634.2	648.8	663.1	690.5	737.3	801.8	883.3	983.6	1087.1	1177.8
47.5°	547.3	551.7	560.4	575.6	598.9	629.7	682.3	750.4	843.3	943.7	1040.3
50°	501.9	505.5	512.4	526.2	544.0	571.4	614.5	678.2	751.0	852.2	946.9
52.5°	466.0	467.4	472.5	481.8	496.0	519.1	554.4	607.1	674.8	765.0	859.5
55°	410.3	412.2	416.7	423.6	435.9	450.6	477.6	516.9	576.1	654.4	736.3
57.5°	364.5	365.8	369.6	372.3	382.5	394.3	415.2	443.2	488.0	554.4	627.6
60°	335.2	334.2	338.9	341.1	348.0	358.1	374.1	401.1	440.1	493.6	560.9
62.5°	306.6	305.3	309.2	312.2	316.2	324.8	337.9	359.0	390.6	439.0	497.2
65°	263.7	261.9	264.2	267.9	271.6	276.1	285.8	304.5	329.7	364.5	408.9
67.5°	220.7	222.7	223.0	224.8	227.0	233.2	239.8	253.0	270.8	298.7	336.3
70°	195.1	195.5	197.3	197.3	198.7	204.2	209.7	217.5	234.9	260.5	291.2
72.5°	169.4	171.3	170.7	172.1	173.1	176.8	180.8	188.2	203.0	222.1	248.0
75°	131.9	133.3	133.3	133.7	135.1	136.5	139.7	145.2	155.7	169.9	187.8
77.5°	96.2	96.3	96.9	98.7	98.7	100.8	103.2	107.6	112.8	122.5	133.5
80°	74.2	75.1	74.6	75.6	75.6	77.4	78.3	83.8	86.1	92.5	101.2
82.5°	54.4	55.3	55.2	56.5	57.3	57.6	58.9	61.0	63.4	69.1	72.6
85°	27.5	28.4	27.5	28.4	29.8	30.2	31.6	32.0	33.9	35.3	38.5
87.5°	11.9	12.9	12.9	13.2	13.9	14.1	14.3	13.8	15.1	15.2	16.5
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	17.0	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°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1140.9	1135.8	1132.1	1129.2	1121.2	1116.4	1112.8	1107.6	1101.7	1095.5	1087.8
5°	1205.7	1190.1	1178.7	1161.2	1144.8	1131.0	1116.9	1104.1	1088.5	1071.5	1059.1
7.5°	1273.8	1250.6	1220.9	1195.2	1166.2	1141.0	1118.5	1095.5	1071.4	1048.2	1026.8
10°	1317.0	1287.2	1254.2	1215.3	1178.7	1146.2	1115.9	1086.7	1058.3	1029.8	1005.6
12.5°	1363.5	1326.4	1277.6	1232.2	1191.1	1147.6	1111.2	1075.3	1041.0	1011.2	982.8
15°	1425.9	1372.3	1316.0	1255.2	1201.1	1150.3	1100.4	1055.1	1016.6	977.1	949.7
17.5°	1464.3	1398.0	1333.6	1270.0	1204.6	1140.5	1086.7	1034.3	986.2	947.0	912.4
20°	1489.6	1423.7	1343.5	1279.9	1202.0	1136.1	1073.8	1015.6	965.3	923.6	887.9
22.5°	1511.6	1435.4	1355.2	1271.4	1193.9	1124.0	1055.8	997.3	945.9	902.0	867.7
25°	1523.5	1436.0	1349.0	1265.7	1177.8	1094.8	1033.0	964.4	909.4	863.2	826.6
27.5°	1524.7	1431.2	1332.8	1240.2	1149.4	1072.3	994.2	932.9	875.8	826.9	791.7
30°	1520.7	1423.2	1317.4	1217.1	1126.0	1042.2	974.5	907.6	849.5	800.9	764.2
32.5°	1507.9	1406.4	1297.6	1191.5	1097.1	1015.1	945.1	881.6	824.9	777.1	738.7
35°	1470.8	1370.5	1254.6	1144.4	1047.7	964.8	901.6	837.1	780.3	734.9	697.8
37.5°	1412.8	1322.2	1204.4	1090.2	995.3	912.1	849.5	791.1	739.9	693.8	655.8
40°	1362.3	1282.6	1164.5	1053.2	950.6	871.4	812.8	759.2	708.4	664.9	628.7
42.5°	1304.1	1234.6	1125.7	1007.8	908.9	829.3	772.1	724.0	676.1	635.9	599.8
45°	1200.1	1154.4	1051.8	942.9	839.8	764.7	710.2	668.1	627.8	588.4	558.2
47.5°	1080.7	1058.1	971.7	868.2	770.4	696.4	649.1	610.2	574.9	541.6	514.9
50°	1000.6	989.5	914.9	815.1	721.7	652.0	604.4	571.0	540.8	511.5	486.3
52.5°	921.4	921.0	853.8	762.3	675.9	608.8	561.5	530.4	504.2	480.4	457.7
55°	800.5	813.2	760.6	679.1	601.7	541.2	498.7	470.7	452.5	432.7	415.8
57.5°	689.3	710.6	667.2	595.4	530.8	475.1	438.1	417.1	397.5	385.6	373.3
60°	616.8	637.0	603.0	542.6	481.7	434.1	398.8	380.0	363.1	354.9	346.2
62.5°	552.3	570.3	545.2	489.1	436.3	390.5	360.8	342.7	331.2	322.3	316.5
65°	460.2	475.3	453.8	413.0	367.7	331.1	306.8	292.6	281.6	277.9	271.6
67.5°	372.0	385.7	374.1	339.5	303.2	275.3	256.4	242.8	236.3	233.1	228.5
70°	319.6	333.4	321.0	290.8	262.9	239.5	221.6	213.9	207.0	205.6	199.1
72.5°	275.3	284.6	272.2	248.7	224.7	205.1	191.2	183.0	179.5	177.0	173.6
75°	206.6	214.7	206.6	188.2	171.3	157.6	145.6	142.4	138.3	136.9	134.7
77.5°	146.2	153.3	147.0	135.5	122.9	112.3	105.9	101.8	100.8	98.4	99.5
80°	111.8	116.3	110.4	102.5	92.5	85.2	80.6	78.3	75.6	74.6	76.5
82.5°	80.2	82.2	79.2	74.0	66.5	61.7	58.6	56.0	55.4	55.6	55.6
85°	41.7	41.2	40.7	36.2	33.9	30.7	28.8	28.4	27.9	28.8	29.8
87.5°	16.3	16.4	15.8	14.1	12.7	11.3	10.6	9.9	10.6	11.3	12.0
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: P332781-935

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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: P332781-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1084.2	1080.9	1076.1	1069.5	1064.0	1058.2	1056.7	1054.5	1058.9	1055.2	1054.1
5°	1048.6	1039.0	1026.7	1012.4	1004.2	992.3	990.0	985.4	980.9	980.4	975.8
7.5°	1011.0	996.9	980.7	966.2	952.8	939.8	931.3	929.4	922.7	918.8	914.2
10°	986.8	969.4	950.6	936.9	921.4	907.6	897.9	892.5	887.9	882.9	878.3
12.5°	958.2	939.7	924.3	909.4	890.9	880.5	864.6	855.1	854.2	854.3	842.4
15°	925.0	906.6	882.9	861.8	851.7	831.6	822.9	811.8	805.0	798.1	792.6
17.5°	887.0	864.2	845.6	821.4	802.2	786.2	774.7	768.1	757.8	748.0	741.0
20°	863.2	838.9	819.2	793.6	772.5	752.8	743.2	734.0	726.3	718.0	710.2
22.5°	839.0	813.6	789.5	764.7	745.0	724.3	715.0	702.5	695.1	690.5	682.8
25°	800.9	773.4	746.0	722.1	702.0	683.6	671.3	661.7	653.4	649.8	644.7
27.5°	759.5	732.2	705.7	678.6	655.7	642.5	632.6	625.3	620.5	615.7	613.5
30°	733.1	704.7	676.3	651.2	630.1	616.8	607.6	602.6	598.9	596.7	594.3
32.5°	706.4	678.4	648.5	625.5	606.7	594.9	587.9	582.8	581.0	580.1	579.4
35°	663.5	635.2	607.6	587.0	569.2	564.6	558.6	555.9	555.0	558.2	559.6
37.5°	622.0	595.6	570.4	550.4	538.7	532.0	529.9	530.1	533.4	536.2	539.5
40°	595.3	569.6	545.9	528.4	517.5	513.3	512.4	514.7	518.3	521.6	525.2
42.5°	569.3	544.0	522.4	506.1	498.4	494.6	495.2	497.5	502.6	506.5	512.0
45°	528.9	507.8	486.7	473.5	467.1	468.0	468.0	472.1	477.2	483.1	489.0
47.5°	490.9	469.7	452.3	441.2	437.8	437.0	439.6	445.0	452.2	459.6	467.9
50°	465.2	445.1	430.0	419.9	416.2	417.6	421.3	426.3	435.0	444.2	452.9
52.5°	439.2	420.9	406.9	397.5	395.0	397.4	401.1	409.1	416.7	426.6	437.1
55°	398.8	383.2	372.3	365.4	364.5	365.8	370.0	378.7	389.7	402.1	412.2
57.5°	358.6	345.6	335.5	330.8	331.2	332.5	339.3	349.7	361.4	374.5	387.5
60°	331.6	319.6	311.4	307.7	308.2	310.9	319.2	328.8	343.5	356.3	370.0
62.5°	305.9	295.4	287.6	284.3	283.6	289.6	297.6	307.5	322.2	336.5	351.3
65°	264.7	256.4	250.0	248.2	249.6	254.2	264.2	277.5	289.9	305.0	320.6
67.5°	224.4	217.6	213.2	214.0	215.7	222.5	230.9	242.3	256.3	272.0	287.4
70°	198.7	192.3	188.6	189.1	191.8	200.1	207.4	218.9	234.0	250.0	262.9
72.5°	172.4	168.2	164.9	166.8	169.5	175.2	184.3	195.8	209.1	224.0	237.5
75°	132.3	132.3	130.5	131.9	136.0	141.5	148.4	160.2	173.6	185.5	196.5
77.5°	98.2	97.2	98.3	100.0	102.4	108.9	116.8	125.3	135.3	147.1	156.3
80°	75.1	75.6	77.8	80.6	81.5	86.5	94.8	102.5	110.4	120.5	129.2
82.5°	56.4	56.9	58.0	61.6	62.4	67.8	73.2	80.9	88.0	94.8	102.0
85°	30.7	30.7	33.0	34.4	36.6	40.3	43.5	48.0	54.5	59.1	66.0
87.5°	13.3	13.6	15.3	16.3	17.6	19.6	20.6	24.8	26.4	28.4	31.9
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: P332781-935

CATALOG NUMBER: S124DIW-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: P332781-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1053.3	1052.7	1050.1	1049.7	1050.1	1052.7	1053.3	1054.1	1055.2	1058.9	1054.5
5°	973.1	970.8	969.4	974.5	969.4	970.8	973.1	975.8	980.4	980.9	985.4
7.5°	912.5	910.7	906.6	905.4	906.6	910.7	912.5	914.2	918.8	922.7	929.4
10°	873.7	871.8	868.2	867.3	868.2	871.8	873.7	878.3	882.9	887.9	892.5
12.5°	836.3	832.7	831.9	832.8	831.9	832.7	836.3	842.4	854.3	854.2	855.1
15°	786.7	784.9	779.8	781.2	779.8	784.9	786.7	792.6	798.1	805.0	811.8
17.5°	737.8	735.6	729.4	734.9	729.4	735.6	737.8	741.0	748.0	757.8	768.1
20°	707.1	703.4	700.2	699.6	700.2	703.4	707.1	710.2	718.0	726.3	734.0
22.5°	677.7	674.4	674.2	671.1	674.2	674.4	677.7	682.8	690.5	695.1	702.5
25°	641.1	637.9	637.0	634.6	637.0	637.9	641.1	644.7	649.8	653.4	661.7
27.5°	612.9	611.4	609.8	610.4	609.8	611.4	612.9	613.5	615.7	620.5	625.3
30°	595.7	595.3	594.3	594.3	594.3	595.3	595.7	594.3	596.7	598.9	602.6
32.5°	581.4	581.3	581.9	581.9	581.9	581.3	581.4	579.4	580.1	581.0	582.8
35°	561.4	562.7	563.7	562.3	563.7	562.7	561.4	559.6	558.2	555.0	555.9
37.5°	543.3	544.7	546.0	547.5	546.0	544.7	543.3	539.5	536.2	533.4	530.1
40°	529.3	532.5	533.5	535.8	533.5	532.5	529.3	525.2	521.6	518.3	514.7
42.5°	516.2	519.7	522.1	522.5	522.1	519.7	516.2	512.0	506.5	502.6	497.5
45°	495.9	499.6	502.8	502.8	502.8	499.6	495.9	489.0	483.1	477.2	472.1
47.5°	474.9	480.3	483.5	484.3	483.5	480.3	474.9	467.9	459.6	452.2	445.0
50°	460.6	467.1	470.3	472.6	470.3	467.1	460.6	452.9	444.2	435.0	426.3
52.5°	446.8	453.1	457.4	458.7	457.4	453.1	446.8	437.1	426.6	416.7	409.1
55°	422.7	431.8	436.9	438.7	436.9	431.8	422.7	412.2	402.1	389.7	378.7
57.5°	399.9	408.4	414.2	415.6	414.2	408.4	399.9	387.5	374.5	361.4	349.7
60°	382.4	391.5	398.8	400.2	398.8	391.5	382.4	370.0	356.3	343.5	328.8
62.5°	364.4	373.9	380.6	384.1	380.6	373.9	364.4	351.3	336.5	322.2	307.5
65°	333.4	342.9	349.4	350.8	349.4	342.9	333.4	320.6	305.0	289.9	277.5
67.5°	299.5	309.1	313.3	316.0	313.3	309.1	299.5	287.4	272.0	256.3	242.3
70°	275.7	283.4	288.0	290.3	288.0	283.4	275.7	262.9	250.0	234.0	218.9
72.5°	248.6	256.7	262.0	262.4	262.0	256.7	248.6	237.5	224.0	209.1	195.8
75°	207.0	214.3	217.1	217.1	217.1	214.3	207.0	196.5	185.5	173.6	160.2
77.5°	163.8	167.6	171.1	171.8	171.1	167.6	163.8	156.3	147.1	135.3	125.3
80°	136.0	138.3	141.0	141.0	141.0	138.3	136.0	129.2	120.5	110.4	102.5
82.5°	107.5	109.3	112.1	111.8	112.1	109.3	107.5	102.0	94.8	88.0	80.9
85°	65.0	69.1	68.7	67.8	68.7	69.1	65.0	66.0	59.1	54.5	48.0
87.5°	33.0	33.4	34.5	35.3	34.5	33.4	33.0	31.9	28.4	26.4	24.8
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: P332781-935

CATALOG NUMBER: S124DIW-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: P332781-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1056.7	1058.2	1064.0	1069.5	1076.1	1080.9	1084.2	1087.8	1095.5	1101.7	1107.6
5°	990.0	992.3	1004.2	1012.4	1026.7	1039.0	1048.6	1059.1	1071.5	1088.5	1104.1
7.5°	931.3	939.8	952.8	966.2	980.7	996.9	1011.0	1026.8	1048.2	1071.4	1095.5
10°	897.9	907.6	921.4	936.9	950.6	969.4	986.8	1005.6	1029.8	1058.3	1086.7
12.5°	864.6	880.5	890.9	909.4	924.3	939.7	958.2	982.8	1011.2	1041.0	1075.3
15°	822.9	831.6	851.7	861.8	882.9	906.6	925.0	949.7	977.1	1016.6	1055.1
17.5°	774.7	786.2	802.2	821.4	845.6	864.2	887.0	912.4	947.0	986.2	1034.3
20°	743.2	752.8	772.5	793.6	819.2	838.9	863.2	887.9	923.6	965.3	1015.6
22.5°	715.0	724.3	745.0	764.7	789.5	813.6	839.0	867.7	902.0	945.9	997.3
25°	671.3	683.6	702.0	722.1	746.0	773.4	800.9	826.6	863.2	909.4	964.4
27.5°	632.6	642.5	655.7	678.6	705.7	732.2	759.5	791.7	826.9	875.8	932.9
30°	607.6	616.8	630.1	651.2	676.3	704.7	733.1	764.2	800.9	849.5	907.6
32.5°	587.9	594.9	606.7	625.5	648.5	678.4	706.4	738.7	777.1	824.9	881.6
35°	558.6	564.6	569.2	587.0	607.6	635.2	663.5	697.8	734.9	780.3	837.1
37.5°	529.9	532.0	538.7	550.4	570.4	595.6	622.0	655.8	693.8	739.9	791.1
40°	512.4	513.3	517.5	528.4	545.9	569.6	595.3	628.7	664.9	708.4	759.2
42.5°	495.2	494.6	498.4	506.1	522.4	544.0	569.3	599.8	635.9	676.1	724.0
45°	468.0	468.0	467.1	473.5	486.7	507.8	528.9	558.2	588.4	627.8	668.1
47.5°	439.6	437.0	437.8	441.2	452.3	469.7	490.9	514.9	541.6	574.9	610.2
50°	421.3	417.6	416.2	419.9	430.0	445.1	465.2	486.3	511.5	540.8	571.0
52.5°	401.1	397.4	395.0	397.5	406.9	420.9	439.2	457.7	480.4	504.2	530.4
55°	370.0	365.8	364.5	365.4	372.3	383.2	398.8	415.8	432.7	452.5	470.7
57.5°	339.3	332.5	331.2	330.8	335.5	345.6	358.6	373.3	385.6	397.5	417.1
60°	319.2	310.9	308.2	307.7	311.4	319.6	331.6	346.2	354.9	363.1	380.0
62.5°	297.6	289.6	283.6	284.3	287.6	295.4	305.9	316.5	322.3	331.2	342.7
65°	264.2	254.2	249.6	248.2	250.0	256.4	264.7	271.6	277.9	281.6	292.6
67.5°	230.9	222.5	215.7	214.0	213.2	217.6	224.4	228.5	233.1	236.3	242.8
70°	207.4	200.1	191.8	189.1	188.6	192.3	198.7	199.1	205.6	207.0	213.9
72.5°	184.3	175.2	169.5	166.8	164.9	168.2	172.4	173.6	177.0	179.5	183.0
75°	148.4	141.5	136.0	131.9	130.5	132.3	132.3	134.7	136.9	138.3	142.4
77.5°	116.8	108.9	102.4	100.0	98.3	97.2	98.2	99.5	98.4	100.8	101.8
80°	94.8	86.5	81.5	80.6	77.8	75.6	75.1	76.5	74.6	75.6	78.3
82.5°	73.2	67.8	62.4	61.6	58.0	56.9	56.4	55.6	55.6	55.4	56.0
85°	43.5	40.3	36.6	34.4	33.0	30.7	30.7	29.8	28.8	27.9	28.4
87.5°	20.6	19.6	17.6	16.3	15.3	13.6	13.3	12.0	11.3	10.6	9.9
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: P332781-935

CATALOG NUMBER: S124DIW-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: P332781-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1112.8	1116.4	1121.2	1129.2	1132.1	1135.8	1140.9	1140.6	1142.0	1147.5	1159.3
5°	1116.9	1131.0	1144.8	1161.2	1178.7	1190.1	1205.7	1215.3	1224.9	1237.3	1258.4
7.5°	1118.5	1141.0	1166.2	1195.2	1220.9	1250.6	1273.8	1295.5	1315.2	1341.4	1366.4
10°	1115.9	1146.2	1178.7	1215.3	1254.2	1287.2	1317.0	1350.8	1379.7	1411.3	1439.7
12.5°	1111.2	1147.6	1191.1	1232.2	1277.6	1326.4	1363.5	1397.7	1436.1	1472.5	1516.2
15°	1100.4	1150.3	1201.1	1255.2	1316.0	1372.3	1425.9	1470.3	1511.6	1566.1	1623.3
17.5°	1086.7	1140.5	1204.6	1270.0	1333.6	1398.0	1464.3	1531.1	1583.1	1650.8	1695.6
20°	1073.8	1136.1	1202.0	1279.9	1343.5	1423.7	1489.6	1554.2	1625.6	1692.9	1746.5
22.5°	1055.8	1124.0	1193.9	1271.4	1355.2	1435.4	1511.6	1581.7	1653.0	1726.2	1791.1
25°	1033.0	1094.8	1177.8	1265.7	1349.0	1436.0	1523.5	1611.4	1688.3	1765.7	1826.2
27.5°	994.2	1072.3	1149.4	1240.2	1332.8	1431.2	1524.7	1616.8	1697.4	1761.0	1798.5
30°	974.5	1042.2	1126.0	1217.1	1317.4	1423.2	1520.7	1610.9	1686.0	1736.9	1752.0
32.5°	945.1	1015.1	1097.1	1191.5	1297.6	1406.4	1507.9	1593.0	1655.6	1682.3	1664.1
35°	901.6	964.8	1047.7	1144.4	1254.6	1370.5	1470.8	1542.7	1574.8	1549.5	1486.9
37.5°	849.5	912.1	995.3	1090.2	1204.4	1322.2	1412.8	1464.6	1454.0	1391.3	1297.8
40°	812.8	871.4	950.6	1053.2	1164.5	1282.6	1362.3	1390.3	1360.9	1271.2	1171.8
42.5°	772.1	829.3	908.9	1007.8	1125.7	1234.6	1304.1	1306.3	1257.2	1150.0	1050.2
45°	710.2	764.7	839.8	942.9	1051.8	1154.4	1200.1	1177.8	1087.1	983.6	883.3
47.5°	649.1	696.4	770.4	868.2	971.7	1058.1	1080.7	1040.3	943.7	843.3	750.4
50°	604.4	652.0	721.7	815.1	914.9	989.5	1000.6	946.9	852.2	751.0	678.2
52.5°	561.5	608.8	675.9	762.3	853.8	921.0	921.4	859.5	765.0	674.8	607.1
55°	498.7	541.2	601.7	679.1	760.6	813.2	800.5	736.3	654.4	576.1	516.9
57.5°	438.1	475.1	530.8	595.4	667.2	710.6	689.3	627.6	554.4	488.0	443.2
60°	398.8	434.1	481.7	542.6	603.0	637.0	616.8	560.9	493.6	440.1	401.1
62.5°	360.8	390.5	436.3	489.1	545.2	570.3	552.3	497.2	439.0	390.6	359.0
65°	306.8	331.1	367.7	413.0	453.8	475.3	460.2	408.9	364.5	329.7	304.5
67.5°	256.4	275.3	303.2	339.5	374.1	385.7	372.0	336.3	298.7	270.8	253.0
70°	221.6	239.5	262.9	290.8	321.0	333.4	319.6	291.2	260.5	234.9	217.5
72.5°	191.2	205.1	224.7	248.7	272.2	284.6	275.3	248.0	222.1	203.0	188.2
75°	145.6	157.6	171.3	188.2	206.6	214.7	206.6	187.8	169.9	155.7	145.2
77.5°	105.9	112.3	122.9	135.5	147.0	153.3	146.2	133.5	122.5	112.8	107.6
80°	80.6	85.2	92.5	102.5	110.4	116.3	111.8	101.2	92.5	86.1	83.8
82.5°	58.6	61.7	66.5	74.0	79.2	82.2	80.2	72.6	69.1	63.4	61.0
85°	28.8	30.7	33.9	36.2	40.7	41.2	41.7	38.5	35.3	33.9	32.0
87.5°	10.6	11.3	12.7	14.1	15.8	16.4	16.3	16.5	15.2	15.1	13.8
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°	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4	1105.4
2.5°	1165.1	1165.9	1169.2	1171.7	1172.4	1176.1	1176.5
5°	1267.5	1275.3	1290.4	1291.8	1294.1	1306.0	1296.8
7.5°	1387.5	1407.2	1420.5	1432.1	1436.3	1441.5	1440.5
10°	1464.4	1493.7	1508.4	1531.7	1532.7	1538.6	1534.9
12.5°	1541.7	1575.8	1602.5	1606.8	1626.4	1629.4	1634.6
15°	1651.2	1687.4	1724.5	1737.8	1764.8	1771.2	1781.3
17.5°	1754.2	1791.1	1817.1	1851.5	1862.6	1877.4	1867.3
20°	1810.6	1850.9	1883.9	1910.9	1922.4	1930.5	1929.7
22.5°	1844.7	1885.3	1912.0	1932.5	1943.2	1946.7	1946.5
25°	1866.0	1889.4	1897.6	1905.4	1893.5	1889.4	1891.2
27.5°	1806.6	1800.6	1779.1	1750.8	1721.6	1698.3	1685.7
30°	1724.9	1689.3	1656.7	1599.9	1570.6	1553.2	1537.7
32.5°	1609.2	1552.6	1490.0	1438.0	1404.7	1378.9	1375.0
35°	1410.8	1325.7	1249.2	1185.5	1152.5	1124.6	1118.2
37.5°	1199.5	1110.9	1042.2	986.1	950.6	930.9	912.5
40°	1059.1	983.2	915.3	867.7	840.8	826.6	815.1
42.5°	951.1	881.7	814.2	778.0	753.5	744.9	738.1
45°	801.8	737.3	690.5	663.1	648.8	634.2	627.3
47.5°	682.3	629.7	598.9	575.6	560.4	551.7	547.3
50°	614.5	571.4	544.0	526.2	512.4	505.5	501.9
52.5°	554.4	519.1	496.0	481.8	472.5	467.4	466.0
55°	477.6	450.6	435.9	423.6	416.7	412.2	410.3
57.5°	415.2	394.3	382.5	372.3	369.6	365.8	364.5
60°	374.1	358.1	348.0	341.1	338.9	334.2	335.2
62.5°	337.9	324.8	316.2	312.2	309.2	305.3	306.6
65°	285.8	276.1	271.6	267.9	264.2	261.9	263.7
67.5°	239.8	233.2	227.0	224.8	223.0	222.7	220.7
70°	209.7	204.2	198.7	197.3	197.3	195.5	195.1
72.5°	180.8	176.8	173.1	172.1	170.7	171.3	169.4
75°	139.7	136.5	135.1	133.7	133.3	133.3	131.9
77.5°	103.2	100.8	98.7	98.7	96.9	96.3	96.2
80°	78.3	77.4	75.6	75.6	74.6	75.1	74.2
82.5°	58.9	57.6	57.3	56.5	55.2	55.3	54.4
85°	31.6	30.2	29.8	28.4	27.5	28.4	27.5
87.5°	14.3	14.1	13.9	13.2	12.9	12.9	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)