

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: P332782-935

Luminaire Tested: **S124DIW-S795D770U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332782-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,  
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-A1  
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5344.7 lumens  
Efficiency: N/A  
Efficacy: 118.8 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

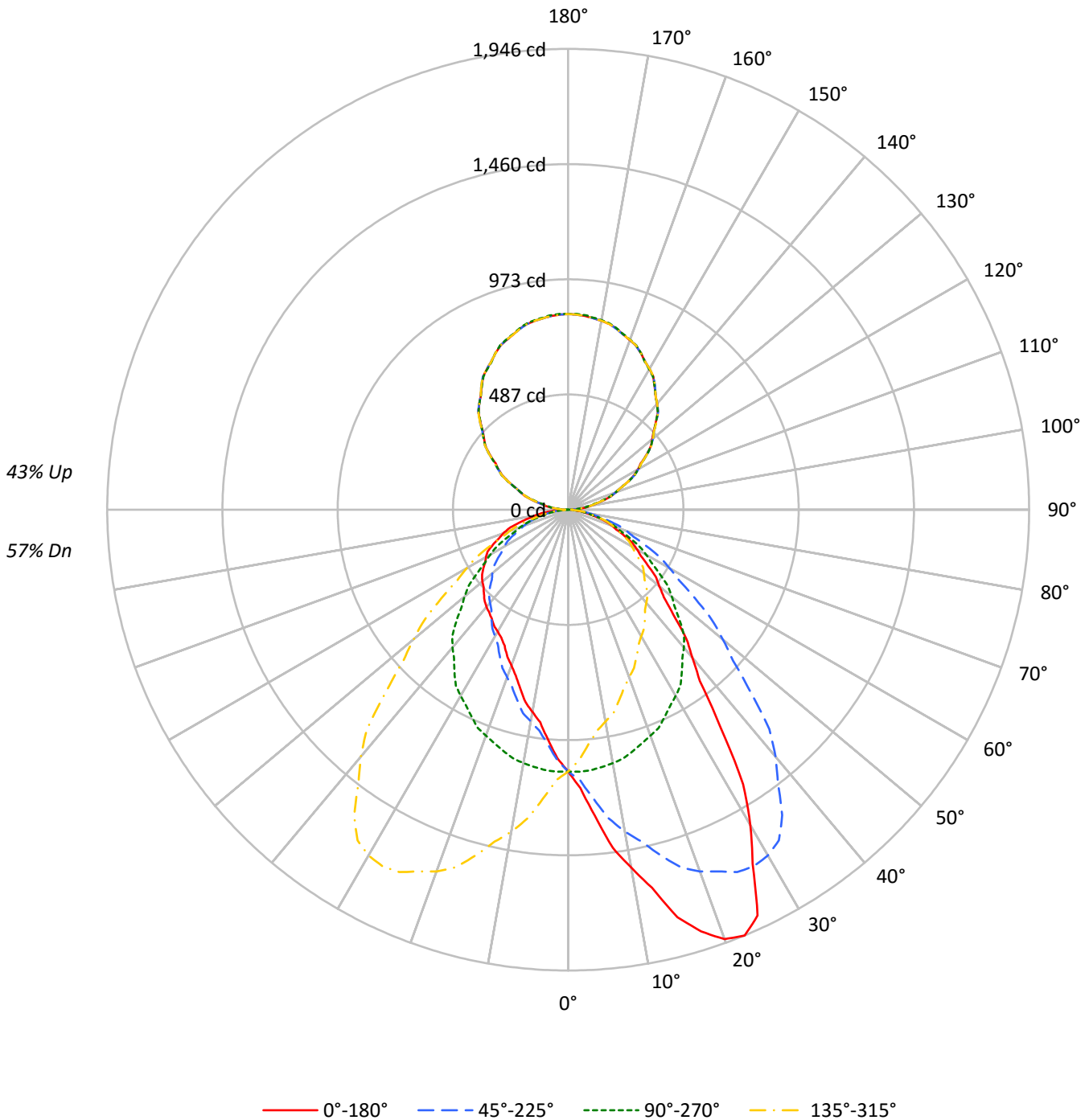
Input Watts (W): 45  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	109	109	109	109	101	101	101	101	87	87	87	74	74	74	63	63	63	57
1	100	95	91	88	93	89	86	83	77	74	72	66	64	63	56	55	53	49
2	91	84	77	72	84	78	73	68	68	64	60	58	55	53	49	47	45	41
3	83	74	66	61	77	69	63	57	60	55	51	52	48	45	44	41	39	35
4	76	65	58	52	71	61	54	49	53	48	44	46	42	39	39	36	34	30
5	70	58	50	44	65	55	48	42	48	42	38	42	37	34	36	32	30	27
6	65	53	44	39	60	49	42	37	43	38	33	38	33	30	32	29	26	23
7	60	48	40	34	56	45	38	32	39	34	29	34	30	26	30	26	23	21
8	56	43	35	30	52	41	34	29	36	30	26	32	27	24	27	24	21	19
9	52	40	32	27	48	37	30	26	33	27	23	29	24	21	25	22	19	17
10	48	36	29	24	45	34	28	23	30	25	21	27	22	19	23	20	17	15

**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	2.0
10°-20°	331.9	6.2
20°-30°	526.4	9.8
30°-40°	585.8	11.0
40°-50°	533.2	10.0
50°-60°	435.7	8.2
60°-70°	311.1	5.8
70°-80°	171.3	3.2
80°-90°	49.2	0.9
90°-100°	54.5	1.0
100°-110°	161.4	3.0
110°-120°	274.0	5.1
120°-130°	361.3	6.8
130°-140°	405.8	7.6
140°-150°	398.7	7.5
150°-160°	335.4	6.3
160°-170°	223.1	4.2
170°-180°	78.1	1.5
0°-30°	966.0	18.1
0°-40°	1551.8	29.0
0°-60°	2520.7	47.2
0°-90°	3052.3	57.1
90°-120°	489.9	9.2
90°-150°	1655.8	31.0
90°-180°	2292.0	42.9
0°-180°	5344.7	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	11
95°	50	38	50	38	50	53
105°	156	149	156	149	156	164
115°	276	279	276	279	276	273
125°	403	406	403	406	403	359
135°	524	523	524	523	524	405
145°	636	636	636	636	636	398
155°	728	728	728	728	728	335
165°	791	793	791	793	791	223
175°	821	825	821	825	821	78
180°	826	826	826	826	826	



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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°	28.4	28.2	28.1	27.9	27.7	27.4	26.9	26.3	25.8	25.3	24.5
95°	50.5	50.5	50.5	50.5	50.5	50.3	49.9	49.4	49.0	48.6	47.6
97.5°	79.1	79.1	79.1	79.1	79.1	78.9	78.4	77.8	77.3	76.8	75.7
100°	99.0	99.0	99.0	99.0	99.0	98.9	98.6	98.3	98.1	97.8	96.5
102.5°	121.6	121.4	121.3	121.2	121.1	120.8	120.5	120.0	119.7	119.2	118.0
105°	155.9	155.5	155.1	154.6	154.2	153.8	153.3	152.9	152.5	152.1	151.5
107.5°	189.4	189.4	189.5	189.5	189.5	189.3	188.9	188.6	188.1	187.8	187.7
110°	213.4	213.0	212.6	212.2	211.7	211.6	212.0	212.2	212.5	212.8	212.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	238.0	237.9	237.8	237.7	237.6	237.6	237.6	237.7	237.8	237.8	238.1
115°	276.0	276.2	276.4	276.5	276.6	276.7	276.9	277.1	277.2	277.3	277.6
117.5°	312.4	312.6	312.9	313.2	313.5	313.8	314.4	314.9	315.3	315.8	316.0
120°	339.9	339.7	339.4	339.1	338.8	339.1	339.8	340.4	341.1	341.9	342.3
122.5°	363.0	363.5	363.9	364.5	365.0	365.5	366.0	366.4	367.0	367.5	367.6
125°	402.6	402.9	403.1	403.5	403.7	404.0	404.3	404.6	404.8	405.1	405.3
127.5°	439.3	439.5	439.7	440.0	440.1	440.4	440.7	441.0	441.3	441.6	441.8
130°	463.3	463.8	464.4	465.0	465.5	466.0	466.2	466.6	466.8	467.1	467.1
132.5°	488.9	489.0	489.3	489.6	489.7	490.0	490.3	490.6	490.9	491.1	491.3
135°	524.0	524.4	524.9	525.3	525.7	526.1	526.3	526.6	526.9	527.2	527.2
137.5°	560.9	560.9	560.8	560.7	560.6	560.8	561.1	561.5	561.8	562.2	562.0
140°	583.4	583.6	583.7	583.8	584.0	584.1	584.3	584.4	584.5	584.7	584.7
142.5°	605.9	606.0	606.0	606.0	606.1	606.1	606.1	606.1	606.1	606.1	606.3
145°	636.5	636.9	637.3	637.7	638.2	638.4	638.6	638.8	638.9	639.0	638.9
147.5°	667.4	667.5	667.7	667.8	668.0	668.0	668.2	668.3	668.4	668.6	668.7
150°	686.3	686.5	686.6	686.7	686.9	687.0	687.0	687.0	687.0	687.0	687.0
152.5°	703.7	704.0	704.5	704.8	705.2	705.2	704.8	704.5	704.1	703.8	703.7
155°	727.9	728.4	729.0	729.5	730.1	730.1	729.5	729.0	728.4	727.9	728.0
157.5°	749.4	749.9	750.4	750.9	751.4	751.4	751.0	750.5	750.1	749.7	749.8
160°	761.7	762.4	763.1	763.9	764.6	764.7	764.3	763.9	763.4	763.0	763.1
162.5°	774.5	775.2	775.9	776.6	777.3	777.3	776.5	775.8	775.0	774.2	774.4
165°	791.1	791.7	792.2	792.8	793.4	793.2	792.4	791.5	790.7	789.8	790.1
167.5°	803.0	803.9	804.8	805.6	806.5	806.5	805.6	804.9	804.0	803.1	803.1
170°	809.7	810.6	811.7	812.6	813.6	813.7	812.9	812.0	811.1	810.3	810.1
172.5°	815.3	816.2	817.3	818.2	819.2	819.2	818.3	817.3	816.4	815.4	815.4
175°	821.1	822.2	823.1	824.1	825.1	825.1	824.1	823.1	822.2	821.1	821.3
177.5°	824.2	825.1	826.0	826.9	827.9	827.9	827.1	826.3	825.5	824.8	824.8
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2



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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°	23.7	22.9	22.1	20.8	19.0	17.2	15.5	13.7	15.5	17.2	19.0
95°	46.6	45.5	44.6	43.5	42.2	40.9	39.6	38.3	39.6	40.9	42.2
97.5°	74.5	73.4	72.2	71.0	70.0	69.1	68.0	67.0	68.0	69.1	70.0
100°	95.2	93.9	92.6	91.7	91.2	90.6	90.1	89.5	90.1	90.6	91.2
102.5°	116.9	115.7	114.6	113.9	113.7	113.4	113.2	113.0	113.2	113.4	113.7
105°	150.9	150.4	149.8	149.5	149.3	149.2	149.0	148.9	149.0	149.2	149.3
107.5°	187.6	187.5	187.4	187.3	187.1	186.9	186.8	186.6	186.8	186.9	187.1
110°	213.1	213.2	213.4	213.3	213.0	212.8	212.4	212.2	212.4	212.8	213.0





TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	238.3	238.6	238.8	238.9	238.9	238.8	238.8	238.8	238.8	238.8	238.9
115°	277.9	278.2	278.4	278.6	278.6	278.6	278.6	278.6	278.6	278.6	278.6
117.5°	316.2	316.4	316.6	316.7	316.5	316.4	316.3	316.2	316.3	316.4	316.5
120°	342.8	343.2	343.5	343.5	342.9	342.3	341.8	341.2	341.8	342.3	342.9
122.5°	367.8	368.1	368.2	368.2	368.0	367.7	367.6	367.3	367.6	367.7	368.0
125°	405.4	405.5	405.7	405.8	405.8	405.8	405.8	405.8	405.8	405.8	405.8
127.5°	442.0	442.2	442.5	442.4	442.0	441.5	441.1	440.7	441.1	441.5	442.0
130°	467.1	467.1	467.1	466.9	466.5	466.1	465.6	465.2	465.6	466.1	466.5
132.5°	491.4	491.5	491.6	491.5	491.2	490.9	490.6	490.3	490.6	490.9	491.2
135°	527.2	527.2	527.2	526.8	525.9	525.0	524.2	523.4	524.2	525.0	525.9
137.5°	561.7	561.5	561.3	561.0	560.6	560.2	559.8	559.4	559.8	560.2	560.6
140°	584.7	584.7	584.7	584.5	584.3	584.0	583.7	583.4	583.7	584.0	584.3
142.5°	606.4	606.5	606.7	606.6	606.2	606.0	605.7	605.4	605.7	606.0	606.2
145°	638.8	638.6	638.4	638.1	637.6	637.0	636.4	635.8	636.4	637.0	637.6
147.5°	668.7	668.9	669.0	668.7	668.0	667.4	666.7	666.0	666.7	667.4	668.0
150°	687.0	687.0	687.0	686.6	686.1	685.5	684.9	684.4	684.9	685.5	686.1
152.5°	703.6	703.4	703.4	703.2	702.8	702.5	702.1	701.8	702.1	702.5	702.8
155°	728.1	728.2	728.4	728.5	728.5	728.5	728.5	728.5	728.5	728.5	728.5
157.5°	749.8	749.8	749.8	749.9	750.2	750.4	750.7	751.0	750.7	750.4	750.2
160°	763.3	763.4	763.5	763.7	763.9	764.0	764.1	764.3	764.1	764.0	763.9
162.5°	774.6	774.6	774.8	775.1	775.4	775.8	776.2	776.5	776.2	775.8	775.4
165°	790.4	790.7	791.0	791.3	791.8	792.2	792.6	793.1	792.6	792.2	791.8
167.5°	803.1	803.1	803.0	803.3	803.9	804.5	805.1	805.6	805.1	804.5	803.9
170°	810.0	809.9	809.7	810.0	810.7	811.4	812.1	812.9	812.1	811.4	810.7
172.5°	815.4	815.3	815.3	815.5	816.1	816.7	817.3	817.9	817.3	816.7	816.1
175°	821.4	821.6	821.7	822.2	822.9	823.5	824.2	825.0	824.2	823.5	822.9
177.5°	824.8	824.8	824.8	825.0	825.6	826.1	826.7	827.2	826.7	826.1	825.6
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**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°	20.8	22.1	22.9	23.7	24.5	25.3	25.8	26.3	26.9	27.4	27.7
95°	43.5	44.6	45.5	46.6	47.6	48.6	49.0	49.4	49.9	50.3	50.5
97.5°	71.0	72.2	73.4	74.5	75.7	76.8	77.3	77.8	78.4	78.9	79.1
100°	91.7	92.6	93.9	95.2	96.5	97.8	98.1	98.3	98.6	98.9	99.0
102.5°	113.9	114.6	115.7	116.9	118.0	119.2	119.7	120.0	120.5	120.8	121.1
105°	149.5	149.8	150.4	150.9	151.5	152.1	152.5	152.9	153.3	153.8	154.2
107.5°	187.3	187.4	187.5	187.6	187.7	187.8	188.1	188.6	188.9	189.3	189.5
110°	213.3	213.4	213.2	213.1	212.9	212.8	212.5	212.2	212.0	211.6	211.7



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	238.9	238.8	238.6	238.3	238.1	237.8	237.8	237.7	237.6	237.6	237.6
115°	278.6	278.4	278.2	277.9	277.6	277.3	277.2	277.1	276.9	276.7	276.6
117.5°	316.7	316.6	316.4	316.2	316.0	315.8	315.3	314.9	314.4	313.8	313.5
120°	343.5	343.5	343.2	342.8	342.3	341.9	341.1	340.4	339.8	339.1	338.8
122.5°	368.2	368.2	368.1	367.8	367.6	367.5	367.0	366.4	366.0	365.5	365.0
125°	405.8	405.7	405.5	405.4	405.3	405.1	404.8	404.6	404.3	404.0	403.7
127.5°	442.4	442.5	442.2	442.0	441.8	441.6	441.3	441.0	440.7	440.4	440.1
130°	466.9	467.1	467.1	467.1	467.1	467.1	466.8	466.6	466.2	466.0	465.5
132.5°	491.5	491.6	491.5	491.4	491.3	491.1	490.9	490.6	490.3	490.0	489.7
135°	526.8	527.2	527.2	527.2	527.2	527.2	526.9	526.6	526.3	526.1	525.7
137.5°	561.0	561.3	561.5	561.7	562.0	562.2	561.8	561.5	561.1	560.8	560.6
140°	584.5	584.7	584.7	584.7	584.7	584.7	584.5	584.4	584.3	584.1	584.0
142.5°	606.6	606.7	606.5	606.4	606.3	606.1	606.1	606.1	606.1	606.1	606.1
145°	638.1	638.4	638.6	638.8	638.9	639.0	638.9	638.8	638.6	638.4	638.2
147.5°	668.7	669.0	668.9	668.7	668.7	668.6	668.4	668.3	668.2	668.0	668.0
150°	686.6	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	686.9
152.5°	703.2	703.4	703.4	703.6	703.7	703.8	704.1	704.5	704.8	705.2	705.2
155°	728.5	728.4	728.2	728.1	728.0	727.9	728.4	729.0	729.5	730.1	730.1
157.5°	749.9	749.8	749.8	749.8	749.8	749.7	750.1	750.5	751.0	751.4	751.4
160°	763.7	763.5	763.4	763.3	763.1	763.0	763.4	763.9	764.3	764.7	764.6
162.5°	775.1	774.8	774.6	774.6	774.4	774.2	775.0	775.8	776.5	777.3	777.3
165°	791.3	791.0	790.7	790.4	790.1	789.8	790.7	791.5	792.4	793.2	793.4
167.5°	803.3	803.0	803.1	803.1	803.1	803.1	804.0	804.9	805.6	806.5	806.5
170°	810.0	809.7	809.9	810.0	810.1	810.3	811.1	812.0	812.9	813.7	813.6
172.5°	815.5	815.3	815.3	815.4	815.4	815.4	816.4	817.3	818.3	819.2	819.2
175°	822.2	821.7	821.6	821.4	821.3	821.1	822.2	823.1	824.1	825.1	825.1
177.5°	825.0	824.8	824.8	824.8	824.8	824.8	825.5	826.3	827.1	827.9	827.9
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**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°	27.9	28.1	28.2	28.4	28.2	28.1	27.9	27.7	27.4	26.9	26.3
95°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.3	49.9	49.4
97.5°	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	78.9	78.4	77.8
100°	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.9	98.6	98.3
102.5°	121.2	121.3	121.4	121.6	121.4	121.3	121.2	121.1	120.8	120.5	120.0
105°	154.6	155.1	155.5	155.9	155.5	155.1	154.6	154.2	153.8	153.3	152.9
107.5°	189.5	189.5	189.4	189.4	189.4	189.5	189.5	189.5	189.3	188.9	188.6
110°	212.2	212.6	213.0	213.4	213.0	212.6	212.2	211.7	211.6	212.0	212.2



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	237.7	237.8	237.9	238.0	237.9	237.8	237.7	237.6	237.6	237.6	237.7
115°	276.5	276.4	276.2	276.0	276.2	276.4	276.5	276.6	276.7	276.9	277.1
117.5°	313.2	312.9	312.6	312.4	312.6	312.9	313.2	313.5	313.8	314.4	314.9
120°	339.1	339.4	339.7	339.9	339.7	339.4	339.1	338.8	339.1	339.8	340.4
122.5°	364.5	363.9	363.5	363.0	363.5	363.9	364.5	365.0	365.5	366.0	366.4
125°	403.5	403.1	402.9	402.6	402.9	403.1	403.5	403.7	404.0	404.3	404.6
127.5°	440.0	439.7	439.5	439.3	439.5	439.7	440.0	440.1	440.4	440.7	441.0
130°	465.0	464.4	463.8	463.3	463.8	464.4	465.0	465.5	466.0	466.2	466.6
132.5°	489.6	489.3	489.0	488.9	489.0	489.3	489.6	489.7	490.0	490.3	490.6
135°	525.3	524.9	524.4	524.0	524.4	524.9	525.3	525.7	526.1	526.3	526.6
137.5°	560.7	560.8	560.9	560.9	560.9	560.8	560.7	560.6	560.8	561.1	561.5
140°	583.8	583.7	583.6	583.4	583.6	583.7	583.8	584.0	584.1	584.3	584.4
142.5°	606.0	606.0	606.0	605.9	606.0	606.0	606.0	606.1	606.1	606.1	606.1
145°	637.7	637.3	636.9	636.5	636.9	637.3	637.7	638.2	638.4	638.6	638.8
147.5°	667.8	667.7	667.5	667.4	667.5	667.7	667.8	668.0	668.0	668.2	668.3
150°	686.7	686.6	686.5	686.3	686.5	686.6	686.7	686.9	687.0	687.0	687.0
152.5°	704.8	704.5	704.0	703.7	704.0	704.5	704.8	705.2	705.2	704.8	704.5
155°	729.5	729.0	728.4	727.9	728.4	729.0	729.5	730.1	730.1	729.5	729.0
157.5°	750.9	750.4	749.9	749.4	749.9	750.4	750.9	751.4	751.4	751.0	750.5
160°	763.9	763.1	762.4	761.7	762.4	763.1	763.9	764.6	764.7	764.3	763.9
162.5°	776.6	775.9	775.2	774.5	775.2	775.9	776.6	777.3	777.3	776.5	775.8
165°	792.8	792.2	791.7	791.1	791.7	792.2	792.8	793.4	793.2	792.4	791.5
167.5°	805.6	804.8	803.9	803.0	803.9	804.8	805.6	806.5	806.5	805.6	804.9
170°	812.6	811.7	810.6	809.7	810.6	811.7	812.6	813.6	813.7	812.9	812.0
172.5°	818.2	817.3	816.2	815.3	816.2	817.3	818.2	819.2	819.2	818.3	817.3
175°	824.1	823.1	822.2	821.1	822.2	823.1	824.1	825.1	825.1	824.1	823.1
177.5°	826.9	826.0	825.1	824.2	825.1	826.0	826.9	827.9	827.9	827.1	826.3
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**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°	25.8	25.3	24.5	23.7	22.9	22.1	20.8	19.0	17.2	15.5	13.7
95°	49.0	48.6	47.6	46.6	45.5	44.6	43.5	42.2	40.9	39.6	38.3
97.5°	77.3	76.8	75.7	74.5	73.4	72.2	71.0	70.0	69.1	68.0	67.0
100°	98.1	97.8	96.5	95.2	93.9	92.6	91.7	91.2	90.6	90.1	89.5
102.5°	119.7	119.2	118.0	116.9	115.7	114.6	113.9	113.7	113.4	113.2	113.0
105°	152.5	152.1	151.5	150.9	150.4	149.8	149.5	149.3	149.2	149.0	148.9
107.5°	188.1	187.8	187.7	187.6	187.5	187.4	187.3	187.1	186.9	186.8	186.6
110°	212.5	212.8	212.9	213.1	213.2	213.4	213.3	213.0	212.8	212.4	212.2



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	237.8	237.8	238.1	238.3	238.6	238.8	238.9	238.9	238.8	238.8	238.8
115°	277.2	277.3	277.6	277.9	278.2	278.4	278.6	278.6	278.6	278.6	278.6
117.5°	315.3	315.8	316.0	316.2	316.4	316.6	316.7	316.5	316.4	316.3	316.2
120°	341.1	341.9	342.3	342.8	343.2	343.5	343.5	342.9	342.3	341.8	341.2
122.5°	367.0	367.5	367.6	367.8	368.1	368.2	368.2	368.0	367.7	367.6	367.3
125°	404.8	405.1	405.3	405.4	405.5	405.7	405.8	405.8	405.8	405.8	405.8
127.5°	441.3	441.6	441.8	442.0	442.2	442.5	442.4	442.0	441.5	441.1	440.7
130°	466.8	467.1	467.1	467.1	467.1	467.1	466.9	466.5	466.1	465.6	465.2
132.5°	490.9	491.1	491.3	491.4	491.5	491.6	491.5	491.2	490.9	490.6	490.3
135°	526.9	527.2	527.2	527.2	527.2	527.2	526.8	525.9	525.0	524.2	523.4
137.5°	561.8	562.2	562.0	561.7	561.5	561.3	561.0	560.6	560.2	559.8	559.4
140°	584.5	584.7	584.7	584.7	584.7	584.7	584.5	584.3	584.0	583.7	583.4
142.5°	606.1	606.1	606.3	606.4	606.5	606.7	606.6	606.2	606.0	605.7	605.4
145°	638.9	639.0	638.9	638.8	638.6	638.4	638.1	637.6	637.0	636.4	635.8
147.5°	668.4	668.6	668.7	668.7	668.9	669.0	668.7	668.0	667.4	666.7	666.0
150°	687.0	687.0	687.0	687.0	687.0	687.0	686.6	686.1	685.5	684.9	684.4
152.5°	704.1	703.8	703.7	703.6	703.4	703.4	703.2	702.8	702.5	702.1	701.8
155°	728.4	727.9	728.0	728.1	728.2	728.4	728.5	728.5	728.5	728.5	728.5
157.5°	750.1	749.7	749.8	749.8	749.8	749.8	749.9	750.2	750.4	750.7	751.0
160°	763.4	763.0	763.1	763.3	763.4	763.5	763.7	763.9	764.0	764.1	764.3
162.5°	775.0	774.2	774.4	774.6	774.6	774.8	775.1	775.4	775.8	776.2	776.5
165°	790.7	789.8	790.1	790.4	790.7	791.0	791.3	791.8	792.2	792.6	793.1
167.5°	804.0	803.1	803.1	803.1	803.1	803.0	803.3	803.9	804.5	805.1	805.6
170°	811.1	810.3	810.1	810.0	809.9	809.7	810.0	810.7	811.4	812.1	812.9
172.5°	816.4	815.4	815.4	815.4	815.3	815.3	815.5	816.1	816.7	817.3	817.9
175°	822.2	821.1	821.3	821.4	821.6	821.7	822.2	822.9	823.5	824.2	825.0
177.5°	825.5	824.8	824.8	824.8	824.8	824.8	825.0	825.6	826.1	826.7	827.2
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2



TEST NUMBER: P332782-935

CATALOG NUMBER: S124DIW-S795D770U935-4F0-1E-UDD-A1

**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°	15.5	17.2	19.0	20.8	22.1	22.9	23.7	24.5	25.3	25.8	26.3
95°	39.6	40.9	42.2	43.5	44.6	45.5	46.6	47.6	48.6	49.0	49.4
97.5°	68.0	69.1	70.0	71.0	72.2	73.4	74.5	75.7	76.8	77.3	77.8
100°	90.1	90.6	91.2	91.7	92.6	93.9	95.2	96.5	97.8	98.1	98.3
102.5°	113.2	113.4	113.7	113.9	114.6	115.7	116.9	118.0	119.2	119.7	120.0
105°	149.0	149.2	149.3	149.5	149.8	150.4	150.9	151.5	152.1	152.5	152.9
107.5°	186.8	186.9	187.1	187.3	187.4	187.5	187.6	187.7	187.8	188.1	188.6
110°	212.4	212.8	213.0	213.3	213.4	213.2	213.1	212.9	212.8	212.5	212.2





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	238.8	238.8	238.9	238.9	238.8	238.6	238.3	238.1	237.8	237.8	237.7
115°	278.6	278.6	278.6	278.6	278.4	278.2	277.9	277.6	277.3	277.2	277.1
117.5°	316.3	316.4	316.5	316.7	316.6	316.4	316.2	316.0	315.8	315.3	314.9
120°	341.8	342.3	342.9	343.5	343.5	343.2	342.8	342.3	341.9	341.1	340.4
122.5°	367.6	367.7	368.0	368.2	368.2	368.1	367.8	367.6	367.5	367.0	366.4
125°	405.8	405.8	405.8	405.8	405.7	405.5	405.4	405.3	405.1	404.8	404.6
127.5°	441.1	441.5	442.0	442.4	442.5	442.2	442.0	441.8	441.6	441.3	441.0
130°	465.6	466.1	466.5	466.9	467.1	467.1	467.1	467.1	467.1	466.8	466.6
132.5°	490.6	490.9	491.2	491.5	491.6	491.5	491.4	491.3	491.1	490.9	490.6
135°	524.2	525.0	525.9	526.8	527.2	527.2	527.2	527.2	527.2	526.9	526.6
137.5°	559.8	560.2	560.6	561.0	561.3	561.5	561.7	562.0	562.2	561.8	561.5
140°	583.7	584.0	584.3	584.5	584.7	584.7	584.7	584.7	584.7	584.5	584.4
142.5°	605.7	606.0	606.2	606.6	606.7	606.5	606.4	606.3	606.1	606.1	606.1
145°	636.4	637.0	637.6	638.1	638.4	638.6	638.8	638.9	639.0	638.9	638.8
147.5°	666.7	667.4	668.0	668.7	669.0	668.9	668.7	668.7	668.6	668.4	668.3
150°	684.9	685.5	686.1	686.6	687.0	687.0	687.0	687.0	687.0	687.0	687.0
152.5°	702.1	702.5	702.8	703.2	703.4	703.4	703.6	703.7	703.8	704.1	704.5
155°	728.5	728.5	728.5	728.5	728.4	728.2	728.1	728.0	727.9	728.4	729.0
157.5°	750.7	750.4	750.2	749.9	749.8	749.8	749.8	749.8	749.7	750.1	750.5
160°	764.1	764.0	763.9	763.7	763.5	763.4	763.3	763.1	763.0	763.4	763.9
162.5°	776.2	775.8	775.4	775.1	774.8	774.6	774.6	774.4	774.2	775.0	775.8
165°	792.6	792.2	791.8	791.3	791.0	790.7	790.4	790.1	789.8	790.7	791.5
167.5°	805.1	804.5	803.9	803.3	803.0	803.1	803.1	803.1	803.1	804.0	804.9
170°	812.1	811.4	810.7	810.0	809.7	809.9	810.0	810.1	810.3	811.1	812.0
172.5°	817.3	816.7	816.1	815.5	815.3	815.3	815.4	815.4	815.4	816.4	817.3
175°	824.2	823.5	822.9	822.2	821.7	821.6	821.4	821.3	821.1	822.2	823.1
177.5°	826.7	826.1	825.6	825.0	824.8	824.8	824.8	824.8	824.8	825.5	826.3
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2	826.2



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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°	26.9	27.4	27.7	27.9	28.1	28.2	28.4
95°	49.9	50.3	50.5	50.5	50.5	50.5	50.5
97.5°	78.4	78.9	79.1	79.1	79.1	79.1	79.1
100°	98.6	98.9	99.0	99.0	99.0	99.0	99.0
102.5°	120.5	120.8	121.1	121.2	121.3	121.4	121.6
105°	153.3	153.8	154.2	154.6	155.1	155.5	155.9
107.5°	188.9	189.3	189.5	189.5	189.5	189.4	189.4
110°	212.0	211.6	211.7	212.2	212.6	213.0	213.4



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	237.6	237.6	237.6	237.7	237.8	237.9	238.0
115°	276.9	276.7	276.6	276.5	276.4	276.2	276.0
117.5°	314.4	313.8	313.5	313.2	312.9	312.6	312.4
120°	339.8	339.1	338.8	339.1	339.4	339.7	339.9
122.5°	366.0	365.5	365.0	364.5	363.9	363.5	363.0
125°	404.3	404.0	403.7	403.5	403.1	402.9	402.6
127.5°	440.7	440.4	440.1	440.0	439.7	439.5	439.3
130°	466.2	466.0	465.5	465.0	464.4	463.8	463.3
132.5°	490.3	490.0	489.7	489.6	489.3	489.0	488.9
135°	526.3	526.1	525.7	525.3	524.9	524.4	524.0
137.5°	561.1	560.8	560.6	560.7	560.8	560.9	560.9
140°	584.3	584.1	584.0	583.8	583.7	583.6	583.4
142.5°	606.1	606.1	606.1	606.0	606.0	606.0	605.9
145°	638.6	638.4	638.2	637.7	637.3	636.9	636.5
147.5°	668.2	668.0	668.0	667.8	667.7	667.5	667.4
150°	687.0	687.0	686.9	686.7	686.6	686.5	686.3
152.5°	704.8	705.2	705.2	704.8	704.5	704.0	703.7
155°	729.5	730.1	730.1	729.5	729.0	728.4	727.9
157.5°	751.0	751.4	751.4	750.9	750.4	749.9	749.4
160°	764.3	764.7	764.6	763.9	763.1	762.4	761.7
162.5°	776.5	777.3	777.3	776.6	775.9	775.2	774.5
165°	792.4	793.2	793.4	792.8	792.2	791.7	791.1
167.5°	805.6	806.5	806.5	805.6	804.8	803.9	803.0
170°	812.9	813.7	813.6	812.6	811.7	810.6	809.7
172.5°	818.3	819.2	819.2	818.2	817.3	816.2	815.3
175°	824.1	825.1	825.1	824.1	823.1	822.2	821.1
177.5°	827.1	827.9	827.9	826.9	826.0	825.1	824.2
180°	826.2	826.2	826.2	826.2	826.2	826.2	826.2

(END OF REPORT)