

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: P333539-935

Luminaire Tested: **S125RDIP-S610D1035U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333539-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S610D1035U935-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5148.8 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

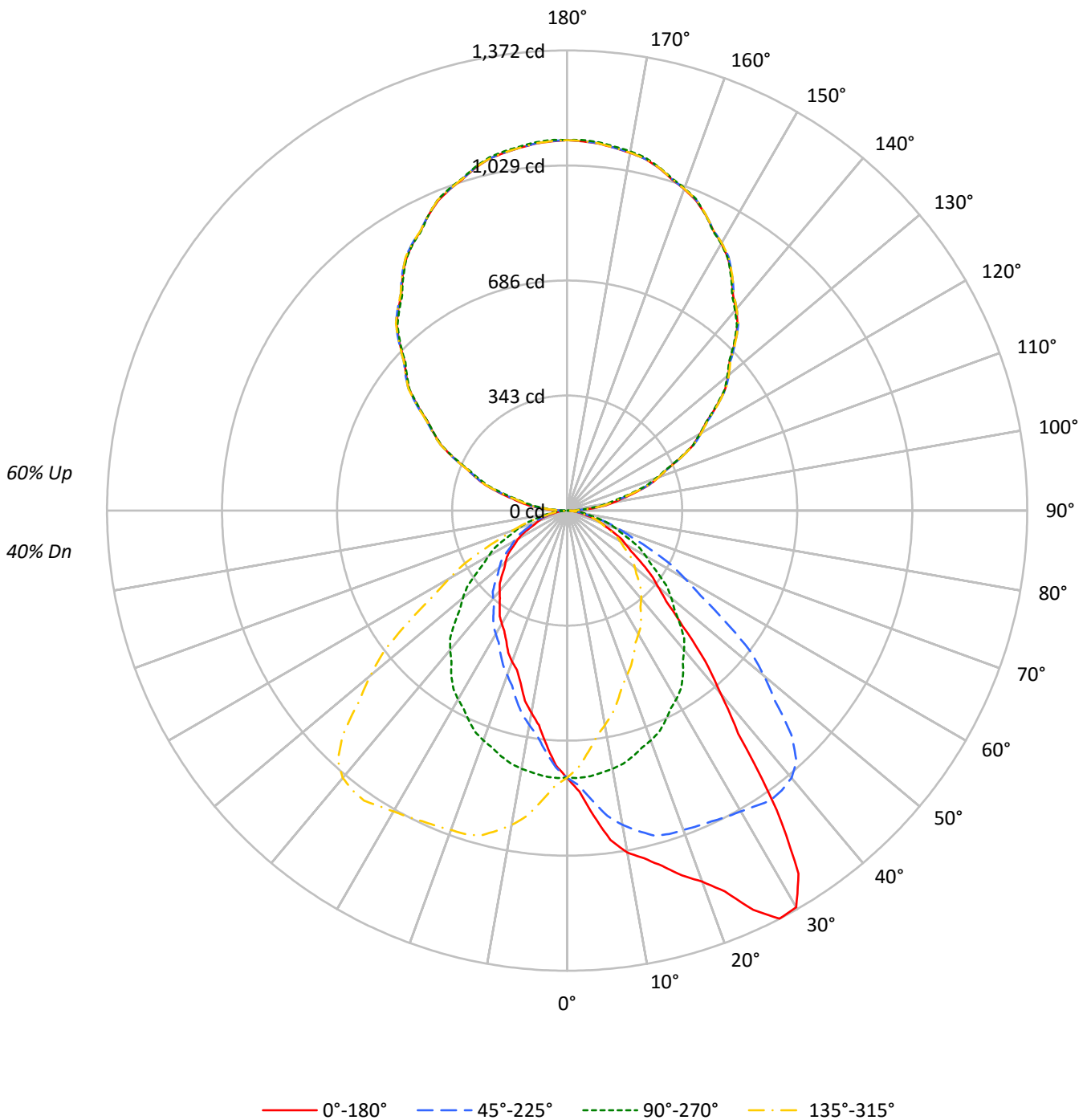
Input Watts (W): 44.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	105	105	105	105	95	95	95	95	78	78	78	62	62	62	47	47	47	40
1	96	92	88	85	87	84	81	78	69	67	65	55	53	52	42	41	40	35
2	88	80	75	70	80	74	69	64	61	57	54	49	46	44	37	36	34	29
3	80	71	64	58	73	65	59	54	54	49	46	43	40	38	33	31	30	25
4	73	63	55	50	67	58	51	46	48	43	39	39	35	32	30	28	26	22
5	67	56	48	42	61	51	45	40	43	38	34	35	31	28	27	25	23	19
6	62	50	42	37	56	46	39	34	39	33	29	31	28	25	25	22	20	17
7	57	45	38	32	52	42	35	30	35	30	26	29	25	22	23	20	18	15
8	53	41	34	28	48	38	31	27	32	27	23	26	22	19	21	18	16	13
9	49	38	30	25	45	35	28	24	29	24	21	24	20	17	19	16	14	12
10	46	34	27	23	42	32	25	21	27	22	18	22	18	16	18	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5146	5146	5146	5146
5°	5920	5153	4550	5153
10°	6791	5126	4015	5126
15°	7335	5073	3569	5073
20°	8088	5013	3296	5013
25°	9360	4932	3058	4932
30°	10185	4847	2902	4847
35°	8592	4747	2759	4747
40°	6000	4569	2636	4569
45°	4451	4328	2515	4328
50°	3550	4078	2411	4078
55°	3012	3768	2320	3768
60°	2603	3490	2173	3490
65°	2320	3189	1869	3189
70°	2039	2921	1703	2921
75°	1764	2530	1599	2530
80°	1339	2131	1339	2131
85°	1119	1675	1260	1675



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.4	1.5
10°-20°	223.9	4.3
20°-30°	355.0	6.9
30°-40°	428.1	8.3
40°-50°	382.3	7.4
50°-60°	293.2	5.7
60°-70°	190.5	3.7
70°-80°	92.6	1.8
80°-90°	24.5	0.5
90°-100°	74.0	1.4
100°-110°	218.5	4.2
110°-120°	370.0	7.2
120°-130°	487.0	9.5
130°-140°	545.7	10.6
140°-150°	534.8	10.4
150°-160°	449.2	8.7
160°-170°	298.6	5.8
170°-180°	104.5	2.0
0°-30°	655.3	12.7
0°-40°	1083.4	21.0
0°-60°	1758.9	34.2
0°-90°	2066.6	40.1
90°-120°	662.5	12.9
90°-150°	2229.9	43.3
90°-180°	3082.0	59.9
0°-180°	5148.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	797	797	797	797	797	
5°	913	795	702	795	913	91
15°	1097	759	534	759	1097	314
25°	1314	692	429	692	1314	603
35°	1090	602	350	602	1090	658
45°	487	474	275	474	487	389
55°	268	335	206	335	268	243
65°	152	209	122	209	152	151
75°	71	101	64	101	71	75
85°	15	23	17	23	15	18
90°	21	1	21	1	21	13
95°	74	56	74	56	74	75
105°	213	196	213	196	213	226
115°	374	370	374	370	374	370
125°	544	541	544	541	544	486
135°	706	703	706	703	706	544
145°	855	852	855	852	855	534
155°	975	975	975	975	975	449
165°	1057	1060	1057	1060	1057	298
175°	1098	1102	1098	1102	1098	104
180°	1105	1105	1105	1105	1105	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	838.1	837.6	838.6	835.7	836.0	831.6	831.6	828.1	823.7	820.3	818.7
5°	913.2	913.9	912.5	907.6	904.3	899.4	893.9	884.1	875.9	868.1	861.9
7.5°	990.5	990.9	986.6	985.2	976.9	970.9	958.6	945.2	933.3	918.3	906.8
10°	1035.5	1035.2	1030.6	1027.0	1019.8	1010.6	998.5	982.8	968.1	951.7	936.1
12.5°	1061.7	1060.8	1059.4	1055.0	1048.4	1040.2	1029.9	1014.5	996.3	978.4	960.2
15°	1097.0	1094.7	1090.5	1084.9	1075.4	1065.9	1054.5	1040.8	1023.4	1003.2	986.1
17.5°	1140.7	1140.7	1134.2	1126.5	1113.6	1096.8	1079.2	1057.0	1033.5	1011.2	993.1
20°	1176.8	1175.8	1169.2	1154.3	1139.5	1118.6	1098.3	1071.2	1042.4	1013.2	990.7
22.5°	1228.6	1226.1	1219.3	1199.5	1176.6	1149.7	1118.7	1085.5	1050.8	1017.7	988.1
25°	1313.5	1311.6	1298.1	1275.2	1243.2	1201.6	1161.1	1115.6	1065.6	1022.1	986.1
27.5°	1371.6	1369.4	1359.5	1340.5	1310.9	1267.2	1212.3	1151.6	1089.1	1029.2	977.3
30°	1365.8	1370.7	1369.4	1360.6	1338.3	1299.1	1248.4	1180.1	1105.8	1035.5	973.7
32.5°	1283.7	1288.1	1299.6	1316.9	1318.2	1302.5	1264.6	1201.5	1124.6	1044.7	970.8
35°	1089.8	1095.7	1117.9	1152.9	1198.7	1237.0	1244.8	1210.8	1141.8	1055.8	966.5
37.5°	837.8	870.0	888.7	925.6	994.7	1065.1	1132.8	1157.8	1128.4	1051.2	959.5
40°	711.7	719.5	752.9	794.4	852.6	925.9	1022.4	1092.1	1094.3	1040.8	948.5
42.5°	609.2	619.1	642.0	675.1	725.0	798.2	897.9	989.8	1032.3	1011.9	934.1
45°	487.3	494.8	511.5	537.0	575.3	635.8	721.5	827.9	912.2	945.2	895.5
47.5°	400.4	404.4	418.9	438.3	466.7	510.7	577.0	669.3	770.6	841.5	834.6
50°	353.3	357.8	368.9	383.7	407.5	444.8	497.8	574.6	679.0	765.7	783.0
52.5°	316.6	320.4	327.4	341.3	360.9	389.6	432.4	502.0	595.8	687.9	728.1
55°	267.5	270.2	275.7	283.5	299.3	319.9	356.8	404.9	480.8	573.7	632.6
57.5°	227.1	228.4	232.0	239.2	250.0	265.1	291.8	332.6	387.0	470.6	535.6
60°	201.5	202.8	207.3	212.2	220.8	234.5	255.5	283.9	336.2	405.3	471.0
62.5°	181.1	181.8	183.8	188.7	196.1	206.8	223.3	246.5	288.1	348.7	410.8
65°	151.8	152.1	152.7	156.7	161.3	169.1	179.9	196.2	227.6	273.5	328.4
67.5°	123.6	124.1	126.4	127.8	132.5	136.6	143.0	155.5	177.6	208.4	251.2
70°	108.0	107.6	109.9	111.5	113.1	118.0	122.3	132.4	146.2	169.8	205.4
72.5°	93.2	92.5	93.4	94.0	96.2	99.5	103.8	109.9	120.5	136.8	164.0
75°	70.7	70.9	70.9	71.6	73.3	74.6	75.9	79.1	85.1	95.8	110.6
77.5°	49.6	49.1	50.5	50.6	51.6	53.0	54.2	55.4	57.9	62.3	69.9
80°	36.0	36.0	36.3	37.3	36.9	37.6	39.3	40.6	43.5	46.1	48.7
82.5°	27.6	27.4	27.6	27.9	27.8	28.4	29.0	29.3	30.4	31.7	33.6
85°	15.1	15.1	15.4	15.4	15.7	15.7	16.0	16.0	16.0	16.4	16.7
87.5°	9.9	9.5	9.1	9.0	9.1	9.6	9.0	8.6	8.4	8.3	8.3
90°	20.7	20.1	19.5	18.9	18.3	17.6	16.6	15.7	14.7	13.8	12.4
92.5°	40.6	40.1	39.7	39.3	38.9	38.1	36.8	35.6	34.3	33.0	31.3
95°	74.0	73.5	73.2	72.8	72.4	71.5	70.2	68.9	67.5	66.2	64.3
97.5°	112.1	111.8	111.7	111.4	111.2	110.5	109.2	107.9	106.7	105.4	102.7
100°	140.9	140.6	140.2	139.8	139.5	138.4	136.6	134.9	133.2	131.5	129.1
102.5°	169.9	169.4	168.8	168.2	167.7	166.5	164.6	162.7	160.9	159.0	157.7
105°	213.2	212.6	212.1	211.5	210.9	210.0	208.9	207.8	206.6	205.4	204.3
107.5°	257.5	257.6	257.6	257.6	257.7	257.4	256.8	256.2	255.7	255.1	254.3
110°	290.5	290.8	290.9	291.1	291.3	291.1	290.5	290.0	289.4	288.8	288.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	322.9	323.2	323.6	323.9	324.3	324.3	324.0	323.7	323.5	323.2	322.4
115°	373.9	374.1	374.3	374.4	374.7	374.9	375.1	375.2	375.5	375.7	375.2
117.5°	423.8	424.6	425.3	426.0	426.8	427.1	427.0	426.8	426.7	426.5	426.2
120°	458.1	458.9	459.7	460.5	461.2	461.6	461.6	461.6	461.6	461.6	461.4
122.5°	492.6	493.2	493.8	494.4	495.0	495.3	495.5	495.7	495.8	495.9	495.5
125°	544.2	544.3	544.5	544.7	544.8	545.2	545.5	546.0	546.3	546.7	546.5
127.5°	593.7	594.0	594.3	594.8	595.1	595.5	595.6	595.8	596.0	596.2	596.0
130°	626.6	627.0	627.4	627.8	628.2	628.4	628.6	628.8	629.0	629.2	628.8
132.5°	657.5	658.1	658.7	659.2	659.7	660.0	660.3	660.5	660.6	660.8	660.9
135°	705.7	706.5	707.2	708.0	708.8	709.1	709.1	709.1	709.1	709.1	708.9
137.5°	752.9	753.8	754.8	755.7	756.6	757.0	756.7	756.6	756.3	756.0	755.7
140°	783.1	784.0	785.0	785.9	786.9	787.2	786.8	786.4	786.0	785.7	785.1
142.5°	811.9	813.0	813.9	814.9	815.8	816.1	815.9	815.7	815.5	815.2	814.5
145°	855.3	855.8	856.4	857.0	857.6	857.9	857.9	857.9	857.9	857.9	857.3
147.5°	892.3	893.5	894.8	896.1	897.4	897.9	897.4	896.9	896.5	896.0	895.5
150°	919.7	920.2	920.5	920.9	921.3	921.4	921.4	921.4	921.4	921.4	920.7
152.5°	942.5	943.1	943.8	944.5	945.2	945.3	944.9	944.4	943.9	943.5	943.1
155°	974.7	975.7	976.6	977.7	978.6	978.7	977.9	977.1	976.4	975.6	975.4
157.5°	1001.8	1003.0	1004.3	1005.6	1006.8	1007.0	1006.3	1005.5	1004.8	1004.0	1003.8
160°	1020.3	1021.3	1022.3	1023.2	1024.2	1024.2	1023.5	1022.7	1021.9	1021.1	1021.0
162.5°	1036.1	1037.2	1038.4	1039.5	1040.6	1040.7	1039.7	1038.8	1037.9	1037.0	1037.0
165°	1057.3	1058.4	1059.5	1060.8	1061.9	1062.0	1061.3	1060.5	1059.8	1059.0	1058.8
167.5°	1074.1	1075.3	1076.5	1077.7	1078.8	1078.9	1077.7	1076.6	1075.5	1074.3	1074.3
170°	1083.1	1084.4	1085.7	1087.1	1088.4	1088.5	1087.4	1086.2	1085.1	1083.9	1083.9
172.5°	1090.6	1091.8	1093.0	1094.2	1095.4	1095.4	1094.2	1093.1	1091.9	1090.8	1090.8
175°	1097.7	1099.0	1100.4	1101.7	1103.0	1103.1	1102.0	1100.9	1099.7	1098.5	1098.5
177.5°	1101.8	1102.9	1104.0	1105.0	1106.1	1106.1	1105.3	1104.3	1103.5	1102.5	1102.7
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	818.7	816.9	813.5	810.4	806.4	803.1	800.6	797.8	794.1	789.7	786.0
5°	855.0	847.7	838.3	830.1	819.7	811.5	803.0	794.8	786.6	776.1	767.0
7.5°	895.1	880.3	865.8	847.7	831.1	816.4	802.3	788.0	774.0	759.1	744.8
10°	919.7	901.7	881.8	858.8	837.9	818.0	799.7	781.7	762.8	746.1	728.1
12.5°	942.7	919.5	896.7	867.8	842.7	818.3	795.0	772.6	752.3	730.6	711.3
15°	963.5	940.6	915.2	879.9	844.8	815.4	787.9	758.8	733.7	709.4	687.9
17.5°	971.6	947.6	917.9	884.0	845.8	808.7	773.4	741.4	711.8	683.5	659.3
20°	968.5	945.2	914.8	882.4	841.5	803.0	764.7	729.4	696.3	666.6	640.8
22.5°	960.9	936.9	907.5	873.3	834.5	793.5	752.7	715.0	680.4	649.5	621.4
25°	949.5	916.8	886.7	853.3	816.4	775.8	733.7	692.1	655.1	623.7	593.0
27.5°	937.6	896.8	858.6	825.4	786.4	750.2	709.5	666.9	628.0	596.1	564.6
30°	927.0	881.1	839.0	801.3	764.4	730.0	691.4	649.9	610.0	577.0	544.9
32.5°	913.6	864.9	818.6	775.2	739.5	705.4	670.5	630.8	591.9	557.8	525.3
35°	896.8	834.7	784.3	738.2	698.6	665.6	634.2	602.1	563.2	527.9	496.2
37.5°	874.9	804.3	746.1	695.8	654.1	620.9	596.2	566.8	531.3	497.5	468.0
40°	861.5	782.4	718.6	668.8	625.0	590.0	566.8	541.9	509.5	477.9	448.4
42.5°	843.7	762.2	690.9	639.0	595.0	561.3	537.8	516.1	488.9	459.0	427.5
45°	808.8	723.2	648.2	592.6	548.2	515.1	493.2	473.9	453.3	425.9	398.4
47.5°	763.4	682.4	604.0	543.3	499.7	469.1	447.8	432.6	417.8	394.5	367.8
50°	727.1	648.9	572.4	513.5	467.1	437.9	418.0	405.9	392.4	371.3	349.0
52.5°	684.2	614.4	539.4	479.2	435.4	408.1	388.9	376.9	365.8	348.4	327.3
55°	616.6	555.3	486.6	432.0	391.8	364.4	346.0	334.6	328.0	313.3	296.6
57.5°	538.5	494.6	434.1	381.4	345.9	318.7	305.3	295.6	288.2	277.8	266.0
60°	484.1	453.3	399.0	349.0	316.2	290.4	278.4	270.2	263.3	254.4	245.3
62.5°	428.9	406.5	359.3	316.2	286.2	264.5	253.2	245.8	237.9	232.0	223.1
65°	354.9	334.9	302.2	268.5	240.7	223.4	215.2	208.7	203.8	197.3	191.0
67.5°	276.0	267.9	245.4	222.1	202.2	186.8	179.7	175.1	169.2	165.3	161.0
70°	227.6	223.7	207.7	192.3	173.7	163.2	156.7	154.7	147.5	143.6	140.6
72.5°	184.8	182.9	173.7	163.0	149.9	140.7	134.7	132.4	127.9	124.8	122.9
75°	126.6	127.3	125.6	118.7	113.8	108.0	102.7	101.4	98.2	95.5	93.8
77.5°	80.1	83.4	83.5	83.2	81.3	77.7	75.5	74.5	71.3	70.3	69.9
80°	54.9	58.5	61.8	61.5	60.9	59.8	58.2	57.3	55.6	54.6	54.0
82.5°	36.6	40.0	42.7	44.5	44.3	43.4	42.3	41.8	41.5	40.7	40.6
85°	17.3	18.0	18.9	21.3	22.9	23.2	22.9	22.6	21.6	22.0	22.2
87.5°	8.3	8.0	7.9	7.7	7.1	8.1	8.6	8.5	8.4	8.1	7.9
90°	11.1	9.7	8.4	7.0	5.4	3.9	2.4	0.9	2.4	3.9	5.4
92.5°	29.7	28.1	26.4	25.1	24.0	22.9	21.9	20.8	21.9	22.9	24.0
95°	62.3	60.4	58.5	57.4	57.0	56.7	56.2	55.9	56.2	56.7	57.0
97.5°	100.1	97.5	94.9	93.4	93.3	93.2	93.0	92.8	93.0	93.2	93.3
100°	126.6	124.1	121.6	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4
102.5°	156.5	155.2	153.9	153.0	152.2	151.4	150.7	149.9	150.7	151.4	152.2
105°	203.1	202.0	200.9	199.8	198.9	197.9	196.9	196.0	196.9	197.9	198.9
107.5°	253.4	252.4	251.6	250.7	249.8	248.7	247.8	246.8	247.8	248.7	249.8
110°	287.7	287.1	286.5	285.8	284.8	283.9	282.9	282.0	282.9	283.9	284.8



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	321.8	321.1	320.3	319.7	319.2	318.7	318.2	317.7	318.2	318.7	319.2
115°	374.9	374.4	374.1	373.5	372.8	372.0	371.3	370.5	371.3	372.0	372.8
117.5°	425.9	425.5	425.2	424.8	424.5	424.1	423.8	423.4	423.8	424.1	424.5
120°	461.2	461.0	460.8	460.3	459.3	458.3	457.4	456.4	457.4	458.3	459.3
122.5°	495.0	494.5	494.0	493.6	493.3	492.9	492.6	492.2	492.6	492.9	493.3
125°	546.3	546.1	546.0	545.3	544.2	542.9	541.8	540.7	541.8	542.9	544.2
127.5°	595.7	595.6	595.3	594.9	594.2	593.6	592.9	592.3	592.9	593.6	594.2
130°	628.4	628.1	627.7	627.0	626.0	625.1	624.1	623.2	624.1	625.1	626.0
132.5°	661.0	661.1	661.2	660.4	658.8	657.3	655.7	654.1	655.7	657.3	658.8
135°	708.8	708.6	708.4	707.7	706.5	705.4	704.3	703.2	704.3	705.4	706.5
137.5°	755.3	754.8	754.4	753.6	752.5	751.4	750.3	749.2	750.3	751.4	752.5
140°	784.5	783.9	783.3	782.6	781.6	780.7	779.7	778.8	779.7	780.7	781.6
142.5°	813.8	813.0	812.4	811.6	810.7	809.9	809.2	808.3	809.2	809.9	810.7
145°	856.7	856.2	855.6	854.9	854.1	853.3	852.6	851.9	852.6	853.3	854.1
147.5°	895.1	894.7	894.2	893.7	893.4	892.9	892.5	892.1	892.5	892.9	893.4
150°	920.0	919.2	918.4	918.2	918.3	918.5	918.7	918.9	918.7	918.5	918.3
152.5°	942.9	942.5	942.3	941.9	941.7	941.4	941.2	940.9	941.2	941.4	941.7
155°	975.3	975.1	974.8	974.7	974.7	974.7	974.7	974.7	974.7	974.7	974.7
157.5°	1003.6	1003.4	1003.2	1003.3	1003.8	1004.2	1004.6	1005.0	1004.6	1004.2	1003.8
160°	1020.8	1020.6	1020.5	1020.6	1021.1	1021.7	1022.4	1022.9	1022.4	1021.7	1021.1
162.5°	1036.9	1036.9	1036.8	1037.1	1037.4	1037.8	1038.3	1038.7	1038.3	1037.8	1037.4
165°	1058.6	1058.4	1058.3	1058.3	1058.7	1059.1	1059.5	1059.9	1059.5	1059.1	1058.7
167.5°	1074.3	1074.3	1074.3	1074.7	1075.5	1076.2	1076.9	1077.7	1076.9	1076.2	1075.5
170°	1083.9	1083.9	1083.9	1084.3	1085.1	1085.8	1086.6	1087.4	1086.6	1085.8	1085.1
172.5°	1090.8	1090.8	1090.8	1091.2	1091.9	1092.7	1093.5	1094.2	1093.5	1092.7	1091.9
175°	1098.5	1098.5	1098.5	1098.9	1099.7	1100.4	1101.2	1102.0	1101.2	1100.4	1099.7
177.5°	1102.8	1102.9	1103.1	1103.5	1104.1	1104.7	1105.4	1106.0	1105.4	1104.7	1104.1
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6



TEST NUMBER: P333539-935

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	783.4	779.7	777.1	771.9	768.2	766.6	763.8	763.0	765.9	763.8	763.5
5°	760.1	750.6	743.1	735.6	727.4	722.2	714.3	713.0	711.0	708.1	707.5
7.5°	732.2	719.8	710.2	697.7	686.9	678.2	668.4	663.7	661.2	657.4	652.3
10°	713.3	698.6	685.5	673.1	659.7	648.9	639.1	631.5	626.6	622.1	620.1
12.5°	694.7	679.8	663.1	648.0	633.0	620.9	610.0	605.1	599.7	594.3	589.8
15°	665.9	645.9	627.7	610.3	597.5	584.4	574.0	566.8	558.6	556.4	547.5
17.5°	635.3	615.7	594.3	576.0	561.3	546.8	535.4	527.2	521.0	512.6	508.5
20°	616.2	593.0	572.0	555.3	539.0	522.0	510.2	503.3	497.5	490.6	487.3
22.5°	595.8	573.1	551.6	532.1	515.5	498.7	490.3	483.2	476.6	470.2	465.9
25°	565.8	542.9	520.4	500.1	482.8	470.6	460.8	452.6	449.1	442.8	438.2
27.5°	536.2	511.9	488.4	468.2	454.6	442.6	434.6	428.2	421.6	416.2	412.2
30°	517.1	492.2	466.7	450.7	436.3	424.9	416.0	409.8	404.9	400.0	397.1
32.5°	498.0	472.3	449.7	432.4	418.8	408.9	399.8	393.8	388.7	383.2	379.8
35°	467.4	441.2	422.9	405.9	392.4	383.3	377.1	368.6	364.4	360.4	356.8
37.5°	438.9	414.6	394.8	379.9	368.2	359.1	351.1	346.5	341.3	337.8	334.8
40°	418.0	395.7	377.8	362.1	353.5	343.5	335.9	330.0	326.1	321.5	318.2
42.5°	399.2	378.5	361.0	346.9	336.3	327.7	320.5	314.6	309.6	306.3	303.6
45°	372.6	351.9	334.9	321.8	312.0	303.8	296.4	293.3	286.8	282.9	281.6
47.5°	345.0	326.6	310.1	298.1	288.0	280.3	273.2	267.3	263.6	259.8	257.7
50°	326.4	308.8	293.3	281.6	271.8	263.3	256.8	252.8	247.9	244.4	241.7
52.5°	307.8	291.4	276.1	264.8	256.3	247.9	240.6	236.6	232.0	229.6	227.8
55°	281.3	264.0	250.9	239.7	230.9	223.1	216.2	212.2	209.3	207.1	206.4
57.5°	251.2	237.5	225.3	215.2	206.1	198.7	192.7	189.0	186.4	186.1	184.1
60°	231.5	219.1	208.0	197.3	189.3	182.5	177.3	173.1	170.4	170.0	169.4
62.5°	212.0	200.0	189.7	180.2	173.1	166.5	161.6	156.8	155.2	153.6	152.1
65°	182.8	172.0	163.5	156.0	148.5	142.9	138.0	135.1	131.5	129.5	126.0
67.5°	154.2	145.9	137.7	131.4	125.4	120.2	116.1	111.8	109.3	107.7	105.1
70°	135.4	128.9	120.7	113.8	109.3	105.0	101.7	96.8	95.1	93.8	92.6
72.5°	117.6	111.8	105.0	99.4	94.9	90.8	87.0	84.8	83.2	81.8	81.0
75°	92.6	87.0	81.1	77.1	74.0	70.7	68.7	67.1	66.4	66.0	64.7
77.5°	67.9	65.0	60.3	57.2	55.0	53.7	51.9	51.1	51.1	49.6	49.2
80°	52.0	50.4	46.4	45.1	43.5	42.2	41.2	39.6	38.0	37.3	36.3
82.5°	38.7	37.0	35.5	33.3	32.0	31.2	30.2	29.6	29.8	28.9	28.4
85°	20.6	18.9	18.3	18.0	17.3	18.0	17.7	17.3	17.0	16.7	17.0
87.5°	7.9	8.2	8.3	9.0	8.5	9.0	9.2	9.1	9.3	9.6	9.4
90°	7.0	8.4	9.7	11.1	12.4	13.8	14.7	15.7	16.6	17.6	18.3
92.5°	25.1	26.4	28.1	29.7	31.3	33.0	34.3	35.6	36.8	38.1	38.9
95°	57.4	58.5	60.4	62.3	64.3	66.2	67.5	68.9	70.2	71.5	72.4
97.5°	93.4	94.9	97.5	100.1	102.7	105.4	106.7	107.9	109.2	110.5	111.2
100°	120.4	121.6	124.1	126.6	129.1	131.5	133.2	134.9	136.6	138.4	139.5
102.5°	153.0	153.9	155.2	156.5	157.7	159.0	160.9	162.7	164.6	166.5	167.7
105°	199.8	200.9	202.0	203.1	204.3	205.4	206.6	207.8	208.9	210.0	210.9
107.5°	250.7	251.6	252.4	253.4	254.3	255.1	255.7	256.2	256.8	257.4	257.7
110°	285.8	286.5	287.1	287.7	288.3	288.8	289.4	290.0	290.5	291.1	291.3



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	319.7	320.3	321.1	321.8	322.4	323.2	323.5	323.7	324.0	324.3	324.3
115°	373.5	374.1	374.4	374.9	375.2	375.7	375.5	375.2	375.1	374.9	374.7
117.5°	424.8	425.2	425.5	425.9	426.2	426.5	426.7	426.8	427.0	427.1	426.8
120°	460.3	460.8	461.0	461.2	461.4	461.6	461.6	461.6	461.6	461.6	461.2
122.5°	493.6	494.0	494.5	495.0	495.5	495.9	495.8	495.7	495.5	495.3	495.0
125°	545.3	546.0	546.1	546.3	546.5	546.7	546.3	546.0	545.5	545.2	544.8
127.5°	594.9	595.3	595.6	595.7	596.0	596.2	596.0	595.8	595.6	595.5	595.1
130°	627.0	627.7	628.1	628.4	628.8	629.2	629.0	628.8	628.6	628.4	628.2
132.5°	660.4	661.2	661.1	661.0	660.9	660.8	660.6	660.5	660.3	660.0	659.7
135°	707.7	708.4	708.6	708.8	708.9	709.1	709.1	709.1	709.1	709.1	708.8
137.5°	753.6	754.4	754.8	755.3	755.7	756.0	756.3	756.6	756.7	757.0	756.6
140°	782.6	783.3	783.9	784.5	785.1	785.7	786.0	786.4	786.8	787.2	786.9
142.5°	811.6	812.4	813.0	813.8	814.5	815.2	815.5	815.7	815.9	816.1	815.8
145°	854.9	855.6	856.2	856.7	857.3	857.9	857.9	857.9	857.9	857.9	857.6
147.5°	893.7	894.2	894.7	895.1	895.5	896.0	896.5	896.9	897.4	897.9	897.4
150°	918.2	918.4	919.2	920.0	920.7	921.4	921.4	921.4	921.4	921.4	921.3
152.5°	941.9	942.3	942.5	942.9	943.1	943.5	943.9	944.4	944.9	945.3	945.2
155°	974.7	974.8	975.1	975.3	975.4	975.6	976.4	977.1	977.9	978.7	978.6
157.5°	1003.3	1003.2	1003.4	1003.6	1003.8	1004.0	1004.8	1005.5	1006.3	1007.0	1006.8
160°	1020.6	1020.5	1020.6	1020.8	1021.0	1021.1	1021.9	1022.7	1023.5	1024.2	1024.2
162.5°	1037.1	1036.8	1036.9	1036.9	1037.0	1037.0	1037.9	1038.8	1039.7	1040.7	1040.6
165°	1058.3	1058.3	1058.4	1058.6	1058.8	1059.0	1059.8	1060.5	1061.3	1062.0	1061.9
167.5°	1074.7	1074.3	1074.3	1074.3	1074.3	1074.3	1075.5	1076.6	1077.7	1078.9	1078.8
170°	1084.3	1083.9	1083.9	1083.9	1083.9	1083.9	1085.1	1086.2	1087.4	1088.5	1088.4
172.5°	1091.2	1090.8	1090.8	1090.8	1090.8	1090.8	1091.9	1093.1	1094.2	1095.4	1095.4
175°	1098.9	1098.5	1098.5	1098.5	1098.5	1098.5	1099.7	1100.9	1102.0	1103.1	1103.0
177.5°	1103.5	1103.1	1102.9	1102.8	1102.7	1102.5	1103.5	1104.3	1105.3	1106.1	1106.1
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.3	760.3	759.6	760.6	759.6	760.3	763.3	763.5	763.8	765.9	763.0
5°	704.2	700.9	702.6	701.9	702.6	700.9	704.2	707.5	708.1	711.0	713.0
7.5°	652.2	648.2	643.9	645.2	643.9	648.2	652.2	652.3	657.4	661.2	663.7
10°	615.9	612.6	610.6	612.3	610.6	612.6	615.9	620.1	622.1	626.6	631.5
12.5°	585.2	583.3	581.6	580.9	581.6	583.3	585.2	589.8	594.3	599.7	605.1
15°	543.5	539.7	538.0	533.8	538.0	539.7	543.5	547.5	556.4	558.6	566.8
17.5°	505.1	503.9	499.6	497.8	499.6	503.9	505.1	508.5	512.6	521.0	527.2
20°	482.4	481.1	476.9	479.5	476.9	481.1	482.4	487.3	490.6	497.5	503.3
22.5°	463.6	460.7	459.3	458.6	459.3	460.7	463.6	465.9	470.2	476.6	483.2
25°	437.0	432.7	431.1	429.1	431.1	432.7	437.0	438.2	442.8	449.1	452.6
27.5°	410.4	408.1	406.0	405.4	406.0	408.1	410.4	412.2	416.2	421.6	428.2
30°	393.1	390.8	389.2	389.2	389.2	390.8	393.1	397.1	400.0	404.9	409.8
32.5°	377.7	375.9	374.3	374.0	374.3	375.9	377.7	379.8	383.2	388.7	393.8
35°	355.2	352.6	351.9	350.0	351.9	352.6	355.2	356.8	360.4	364.4	368.6
37.5°	331.8	329.7	329.6	329.4	329.6	329.7	331.8	334.8	337.8	341.3	346.5
40°	316.9	315.3	315.0	312.7	315.0	315.3	316.9	318.2	321.5	326.1	330.0
42.5°	301.0	300.1	299.0	298.0	299.0	300.1	301.0	303.6	306.3	309.6	314.6
45°	279.3	277.1	277.1	275.4	277.1	277.1	279.3	281.6	282.9	286.8	293.3
47.5°	256.9	255.2	255.4	253.7	255.4	255.2	256.9	257.7	259.8	263.6	267.3
50°	242.0	241.1	240.7	240.0	240.7	241.1	242.0	241.7	244.4	247.9	252.8
52.5°	227.1	226.7	227.9	226.4	227.9	226.7	227.1	227.8	229.6	232.0	236.6
55°	207.1	206.0	208.0	206.0	208.0	206.0	207.1	206.4	207.1	209.3	212.2
57.5°	183.9	183.0	184.8	183.8	184.8	183.0	183.9	184.1	186.1	186.4	189.0
60°	168.8	166.8	167.8	168.2	167.8	166.8	168.8	169.4	170.0	170.4	173.1
62.5°	150.7	149.6	150.2	148.8	150.2	149.6	150.7	152.1	153.6	155.2	156.8
65°	125.3	124.3	123.0	122.3	123.0	124.3	125.3	126.0	129.5	131.5	135.1
67.5°	105.2	102.9	102.8	103.3	102.8	102.9	105.2	105.1	107.7	109.3	111.8
70°	90.6	90.6	90.2	90.2	90.2	90.6	90.6	92.6	93.8	95.1	96.8
72.5°	80.4	80.2	79.6	79.3	79.6	80.2	80.4	81.0	81.8	83.2	84.8
75°	64.7	65.1	64.4	64.1	64.4	65.1	64.7	64.7	66.0	66.4	67.1
77.5°	47.8	46.4	47.2	46.4	47.2	46.4	47.8	49.2	49.6	51.1	51.1
80°	36.3	36.0	36.9	36.0	36.9	36.0	36.3	36.3	37.3	38.0	39.6
82.5°	28.8	28.4	28.8	28.2	28.8	28.4	28.8	28.4	28.9	29.8	29.6
85°	17.3	17.0	16.7	17.0	16.7	17.0	17.3	17.0	16.7	17.0	17.3
87.5°	9.8	9.6	9.7	9.9	9.7	9.6	9.8	9.4	9.6	9.3	9.1
90°	18.9	19.5	20.1	20.7	20.1	19.5	18.9	18.3	17.6	16.6	15.7
92.5°	39.3	39.7	40.1	40.6	40.1	39.7	39.3	38.9	38.1	36.8	35.6
95°	72.8	73.2	73.5	74.0	73.5	73.2	72.8	72.4	71.5	70.2	68.9
97.5°	111.4	111.7	111.8	112.1	111.8	111.7	111.4	111.2	110.5	109.2	107.9
100°	139.8	140.2	140.6	140.9	140.6	140.2	139.8	139.5	138.4	136.6	134.9
102.5°	168.2	168.8	169.4	169.9	169.4	168.8	168.2	167.7	166.5	164.6	162.7
105°	211.5	212.1	212.6	213.2	212.6	212.1	211.5	210.9	210.0	208.9	207.8
107.5°	257.6	257.6	257.6	257.5	257.6	257.6	257.6	257.7	257.4	256.8	256.2
110°	291.1	290.9	290.8	290.5	290.8	290.9	291.1	291.3	291.1	290.5	290.0



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	323.9	323.6	323.2	322.9	323.2	323.6	323.9	324.3	324.3	324.0	323.7
115°	374.4	374.3	374.1	373.9	374.1	374.3	374.4	374.7	374.9	375.1	375.2
117.5°	426.0	425.3	424.6	423.8	424.6	425.3	426.0	426.8	427.1	427.0	426.8
120°	460.5	459.7	458.9	458.1	458.9	459.7	460.5	461.2	461.6	461.6	461.6
122.5°	494.4	493.8	493.2	492.6	493.2	493.8	494.4	495.0	495.3	495.5	495.7
125°	544.7	544.5	544.3	544.2	544.3	544.5	544.7	544.8	545.2	545.5	546.0
127.5°	594.8	594.3	594.0	593.7	594.0	594.3	594.8	595.1	595.5	595.6	595.8
130°	627.8	627.4	627.0	626.6	627.0	627.4	627.8	628.2	628.4	628.6	628.8
132.5°	659.2	658.7	658.1	657.5	658.1	658.7	659.2	659.7	660.0	660.3	660.5
135°	708.0	707.2	706.5	705.7	706.5	707.2	708.0	708.8	709.1	709.1	709.1
137.5°	755.7	754.8	753.8	752.9	753.8	754.8	755.7	756.6	757.0	756.7	756.6
140°	785.9	785.0	784.0	783.1	784.0	785.0	785.9	786.9	787.2	786.8	786.4
142.5°	814.9	813.9	813.0	811.9	813.0	813.9	814.9	815.8	816.1	815.9	815.7
145°	857.0	856.4	855.8	855.3	855.8	856.4	857.0	857.6	857.9	857.9	857.9
147.5°	896.1	894.8	893.5	892.3	893.5	894.8	896.1	897.4	897.9	897.4	896.9
150°	920.9	920.5	920.2	919.7	920.2	920.5	920.9	921.3	921.4	921.4	921.4
152.5°	944.5	943.8	943.1	942.5	943.1	943.8	944.5	945.2	945.3	944.9	944.4
155°	977.7	976.6	975.7	974.7	975.7	976.6	977.7	978.6	978.7	977.9	977.1
157.5°	1005.6	1004.3	1003.0	1001.8	1003.0	1004.3	1005.6	1006.8	1007.0	1006.3	1005.5
160°	1023.2	1022.3	1021.3	1020.3	1021.3	1022.3	1023.2	1024.2	1024.2	1023.5	1022.7
162.5°	1039.5	1038.4	1037.2	1036.1	1037.2	1038.4	1039.5	1040.6	1040.7	1039.7	1038.8
165°	1060.8	1059.5	1058.4	1057.3	1058.4	1059.5	1060.8	1061.9	1062.0	1061.3	1060.5
167.5°	1077.7	1076.5	1075.3	1074.1	1075.3	1076.5	1077.7	1078.8	1078.9	1077.7	1076.6
170°	1087.1	1085.7	1084.4	1083.1	1084.4	1085.7	1087.1	1088.4	1088.5	1087.4	1086.2
172.5°	1094.2	1093.0	1091.8	1090.6	1091.8	1093.0	1094.2	1095.4	1095.4	1094.2	1093.1
175°	1101.7	1100.4	1099.0	1097.7	1099.0	1100.4	1101.7	1103.0	1103.1	1102.0	1100.9
177.5°	1105.0	1104.0	1102.9	1101.8	1102.9	1104.0	1105.0	1106.1	1106.1	1105.3	1104.3
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.8	766.6	768.2	771.9	777.1	779.7	783.4	786.0	789.7	794.1	797.8
5°	714.3	722.2	727.4	735.6	743.1	750.6	760.1	767.0	776.1	786.6	794.8
7.5°	668.4	678.2	686.9	697.7	710.2	719.8	732.2	744.8	759.1	774.0	788.0
10°	639.1	648.9	659.7	673.1	685.5	698.6	713.3	728.1	746.1	762.8	781.7
12.5°	610.0	620.9	633.0	648.0	663.1	679.8	694.7	711.3	730.6	752.3	772.6
15°	574.0	584.4	597.5	610.3	627.7	645.9	665.9	687.9	709.4	733.7	758.8
17.5°	535.4	546.8	561.3	576.0	594.3	615.7	635.3	659.3	683.5	711.8	741.4
20°	510.2	522.0	539.0	555.3	572.0	593.0	616.2	640.8	666.6	696.3	729.4
22.5°	490.3	498.7	515.5	532.1	551.6	573.1	595.8	621.4	649.5	680.4	715.0
25°	460.8	470.6	482.8	500.1	520.4	542.9	565.8	593.0	623.7	655.1	692.1
27.5°	434.6	442.6	454.6	468.2	488.4	511.9	536.2	564.6	596.1	628.0	666.9
30°	416.0	424.9	436.3	450.7	466.7	492.2	517.1	544.9	577.0	610.0	649.9
32.5°	399.8	408.9	418.8	432.4	449.7	472.3	498.0	525.3	557.8	591.9	630.8
35°	377.1	383.3	392.4	405.9	422.9	441.2	467.4	496.2	527.9	563.2	602.1
37.5°	351.1	359.1	368.2	379.9	394.8	414.6	438.9	468.0	497.5	531.3	566.8
40°	335.9	343.5	353.5	362.1	377.8	395.7	418.0	448.4	477.9	509.5	541.9
42.5°	320.5	327.7	336.3	346.9	361.0	378.5	399.2	427.5	459.0	488.9	516.1
45°	296.4	303.8	312.0	321.8	334.9	351.9	372.6	398.4	425.9	453.3	473.9
47.5°	273.2	280.3	288.0	298.1	310.1	326.6	345.0	367.8	394.5	417.8	432.6
50°	256.8	263.3	271.8	281.6	293.3	308.8	326.4	349.0	371.3	392.4	405.9
52.5°	240.6	247.9	256.3	264.8	276.1	291.4	307.8	327.3	348.4	365.8	376.9
55°	216.2	223.1	230.9	239.7	250.9	264.0	281.3	296.6	313.3	328.0	334.6
57.5°	192.7	198.7	206.1	215.2	225.3	237.5	251.2	266.0	277.8	288.2	295.6
60°	177.3	182.5	189.3	197.3	208.0	219.1	231.5	245.3	254.4	263.3	270.2
62.5°	161.6	166.5	173.1	180.2	189.7	200.0	212.0	223.1	232.0	237.9	245.8
65°	138.0	142.9	148.5	156.0	163.5	172.0	182.8	191.0	197.3	203.8	208.7
67.5°	116.1	120.2	125.4	131.4	137.7	145.9	154.2	161.0	165.3	169.2	175.1
70°	101.7	105.0	109.3	113.8	120.7	128.9	135.4	140.6	143.6	147.5	154.7
72.5°	87.0	90.8	94.9	99.4	105.0	111.8	117.6	122.9	124.8	127.9	132.4
75°	68.7	70.7	74.0	77.1	81.1	87.0	92.6	93.8	95.5	98.2	101.4
77.5°	51.9	53.7	55.0	57.2	60.3	65.0	67.9	69.9	70.3	71.3	74.5
80°	41.2	42.2	43.5	45.1	46.4	50.4	52.0	54.0	54.6	55.6	57.3
82.5°	30.2	31.2	32.0	33.3	35.5	37.0	38.7	40.6	40.7	41.5	41.8
85°	17.7	18.0	17.3	18.0	18.3	18.9	20.6	22.2	22.0	21.6	22.6
87.5°	9.2	9.0	8.5	9.0	8.3	8.2	7.9	7.9	8.1	8.4	8.5
90°	14.7	13.8	12.4	11.1	9.7	8.4	7.0	5.4	3.9	2.4	0.9
92.5°	34.3	33.0	31.3	29.7	28.1	26.4	25.1	24.0	22.9	21.9	20.8
95°	67.5	66.2	64.3	62.3	60.4	58.5	57.4	57.0	56.7	56.2	55.9
97.5°	106.7	105.4	102.7	100.1	97.5	94.9	93.4	93.3	93.2	93.0	92.8
100°	133.2	131.5	129.1	126.6	124.1	121.6	120.4	120.4	120.4	120.4	120.4
102.5°	160.9	159.0	157.7	156.5	155.2	153.9	153.0	152.2	151.4	150.7	149.9
105°	206.6	205.4	204.3	203.1	202.0	200.9	199.8	198.9	197.9	196.9	196.0
107.5°	255.7	255.1	254.3	253.4	252.4	251.6	250.7	249.8	248.7	247.8	246.8
110°	289.4	288.8	288.3	287.7	287.1	286.5	285.8	284.8	283.9	282.9	282.0



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	323.5	323.2	322.4	321.8	321.1	320.3	319.7	319.2	318.7	318.2	317.7
115°	375.5	375.7	375.2	374.9	374.4	374.1	373.5	372.8	372.0	371.3	370.5
117.5°	426.7	426.5	426.2	425.9	425.5	425.2	424.8	424.5	424.1	423.8	423.4
120°	461.6	461.6	461.4	461.2	461.0	460.8	460.3	459.3	458.3	457.4	456.4
122.5°	495.8	495.9	495.5	495.0	494.5	494.0	493.6	493.3	492.9	492.6	492.2
125°	546.3	546.7	546.5	546.3	546.1	546.0	545.3	544.2	542.9	541.8	540.7
127.5°	596.0	596.2	596.0	595.7	595.6	595.3	594.9	594.2	593.6	592.9	592.3
130°	629.0	629.2	628.8	628.4	628.1	627.7	627.0	626.0	625.1	624.1	623.2
132.5°	660.6	660.8	660.9	661.0	661.1	661.2	660.4	658.8	657.3	655.7	654.1
135°	709.1	709.1	708.9	708.8	708.6	708.4	707.7	706.5	705.4	704.3	703.2
137.5°	756.3	756.0	755.7	755.3	754.8	754.4	753.6	752.5	751.4	750.3	749.2
140°	786.0	785.7	785.1	784.5	783.9	783.3	782.6	781.6	780.7	779.7	778.8
142.5°	815.5	815.2	814.5	813.8	813.0	812.4	811.6	810.7	809.9	809.2	808.3
145°	857.9	857.9	857.3	856.7	856.2	855.6	854.9	854.1	853.3	852.6	851.9
147.5°	896.5	896.0	895.5	895.1	894.7	894.2	893.7	893.4	892.9	892.5	892.1
150°	921.4	921.4	920.7	920.0	919.2	918.4	918.2	918.3	918.5	918.7	918.9
152.5°	943.9	943.5	943.1	942.9	942.5	942.3	941.9	941.7	941.4	941.2	940.9
155°	976.4	975.6	975.4	975.3	975.1	974.8	974.7	974.7	974.7	974.7	974.7
157.5°	1004.8	1004.0	1003.8	1003.6	1003.4	1003.2	1003.3	1003.8	1004.2	1004.6	1005.0
160°	1021.9	1021.1	1021.0	1020.8	1020.6	1020.5	1020.6	1021.1	1021.7	1022.4	1022.9
162.5°	1037.9	1037.0	1037.0	1036.9	1036.9	1036.8	1037.1	1037.4	1037.8	1038.3	1038.7
165°	1059.8	1059.0	1058.8	1058.6	1058.4	1058.3	1058.3	1058.7	1059.1	1059.5	1059.9
167.5°	1075.5	1074.3	1074.3	1074.3	1074.3	1074.3	1074.7	1075.5	1076.2	1076.9	1077.7
170°	1085.1	1083.9	1083.9	1083.9	1083.9	1083.9	1084.3	1085.1	1085.8	1086.6	1087.4
172.5°	1091.9	1090.8	1090.8	1090.8	1090.8	1090.8	1091.2	1091.9	1092.7	1093.5	1094.2
175°	1099.7	1098.5	1098.5	1098.5	1098.5	1098.5	1098.9	1099.7	1100.4	1101.2	1102.0
177.5°	1103.5	1102.5	1102.7	1102.8	1102.9	1103.1	1103.5	1104.1	1104.7	1105.4	1106.0
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6



TEST NUMBER: P333539-935

CATALOG NUMBER: S125RDIP-S610D1035U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	800.6	803.1	806.4	810.4	813.5	816.9	818.7	818.7	820.3	823.7	828.1
5°	803.0	811.5	819.7	830.1	838.3	847.7	855.0	861.9	868.1	875.9	884.1
7.5°	802.3	816.4	831.1	847.7	865.8	880.3	895.1	906.8	918.3	933.3	945.2
10°	799.7	818.0	837.9	858.8	881.8	901.7	919.7	936.1	951.7	968.1	982.8
12.5°	795.0	818.3	842.7	867.8	896.7	919.5	942.7	960.2	978.4	996.3	1014.5
15°	787.9	815.4	844.8	879.9	915.2	940.6	963.5	986.1	1003.2	1023.4	1040.8
17.5°	773.4	808.7	845.8	884.0	917.9	947.6	971.6	993.1	1011.2	1033.5	1057.0
20°	764.7	803.0	841.5	882.4	914.8	945.2	968.5	990.7	1013.2	1042.4	1071.2
22.5°	752.7	793.5	834.5	873.3	907.5	936.9	960.9	988.1	1017.7	1050.8	1085.5
25°	733.7	775.8	816.4	853.3	886.7	916.8	949.5	986.1	1022.1	1065.6	1115.6
27.5°	709.5	750.2	786.4	825.4	858.6	896.8	937.6	977.3	1029.2	1089.1	1151.6
30°	691.4	730.0	764.4	801.3	839.0	881.1	927.0	973.7	1035.5	1105.8	1180.1
32.5°	670.5	705.4	739.5	775.2	818.6	864.9	913.6	970.8	1044.7	1124.6	1201.5
35°	634.2	665.6	698.6	738.2	784.3	834.7	896.8	966.5	1055.8	1141.8	1210.8
37.5°	596.2	620.9	654.1	695.8	746.1	804.3	874.9	959.5	1051.2	1128.4	1157.8
40°	566.8	590.0	625.0	668.8	718.6	782.4	861.5	948.5	1040.8	1094.3	1092.1
42.5°	537.8	561.3	595.0	639.0	690.9	762.2	843.7	934.1	1011.9	1032.3	989.8
45°	493.2	515.1	548.2	592.6	648.2	723.2	808.8	895.5	945.2	912.2	827.9
47.5°	447.8	469.1	499.7	543.3	604.0	682.4	763.4	834.6	841.5	770.6	669.3
50°	418.0	437.9	467.1	513.5	572.4	648.9	727.1	783.0	765.7	679.0	574.6
52.5°	388.9	408.1	435.4	479.2	539.4	614.4	684.2	728.1	687.9	595.8	502.0
55°	346.0	364.4	391.8	432.0	486.6	555.3	616.6	632.6	573.7	480.8	404.9
57.5°	305.3	318.7	345.9	381.4	434.1	494.6	538.5	535.6	470.6	387.0	332.6
60°	278.4	290.4	316.2	349.0	399.0	453.3	484.1	471.0	405.3	336.2	283.9
62.5°	253.2	264.5	286.2	316.2	359.3	406.5	428.9	410.8	348.7	288.1	246.5
65°	215.2	223.4	240.7	268.5	302.2	334.9	354.9	328.4	273.5	227.6	196.2
67.5°	179.7	186.8	202.2	222.1	245.4	267.9	276.0	251.2	208.4	177.6	155.5
70°	156.7	163.2	173.7	192.3	207.7	223.7	227.6	205.4	169.8	146.2	132.4
72.5°	134.7	140.7	149.9	163.0	173.7	182.9	184.8	164.0	136.8	120.5	109.9
75°	102.7	108.0	113.8	118.7	125.6	127.3	126.6	110.6	95.8	85.1	79.1
77.5°	75.5	77.7	81.3	83.2	83.5	83.4	80.1	69.9	62.3	57.9	55.4
80°	58.2	59.8	60.9	61.5	61.8	58.5	54.9	48.7	46.1	43.5	40.6
82.5°	42.3	43.4	44.3	44.5	42.7	40.0	36.6	33.6	31.7	30.4	29.3
85°	22.9	23.2	22.9	21.3	18.9	18.0	17.3	16.7	16.4	16.0	16.0
87.5°	8.6	8.1	7.1	7.7	7.9	8.0	8.3	8.3	8.3	8.4	8.6
90°	2.4	3.9	5.4	7.0	8.4	9.7	11.1	12.4	13.8	14.7	15.7
92.5°	21.9	22.9	24.0	25.1	26.4	28.1	29.7	31.3	33.0	34.3	35.6
95°	56.2	56.7	57.0	57.4	58.5	60.4	62.3	64.3	66.2	67.5	68.9
97.5°	93.0	93.2	93.3	93.4	94.9	97.5	100.1	102.7	105.4	106.7	107.9
100°	120.4	120.4	120.4	120.4	121.6	124.1	126.6	129.1	131.5	133.2	134.9
102.5°	150.7	151.4	152.2	153.0	153.9	155.2	156.5	157.7	159.0	160.9	162.7
105°	196.9	197.9	198.9	199.8	200.9	202.0	203.1	204.3	205.4	206.6	207.8
107.5°	247.8	248.7	249.8	250.7	251.6	252.4	253.4	254.3	255.1	255.7	256.2
110°	282.9	283.9	284.8	285.8	286.5	287.1	287.7	288.3	288.8	289.4	290.0



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	318.2	318.7	319.2	319.7	320.3	321.1	321.8	322.4	323.2	323.5	323.7
115°	371.3	372.0	372.8	373.5	374.1	374.4	374.9	375.2	375.7	375.5	375.2
117.5°	423.8	424.1	424.5	424.8	425.2	425.5	425.9	426.2	426.5	426.7	426.8
120°	457.4	458.3	459.3	460.3	460.8	461.0	461.2	461.4	461.6	461.6	461.6
122.5°	492.6	492.9	493.3	493.6	494.0	494.5	495.0	495.5	495.9	495.8	495.7
125°	541.8	542.9	544.2	545.3	546.0	546.1	546.3	546.5	546.7	546.3	546.0
127.5°	592.9	593.6	594.2	594.9	595.3	595.6	595.7	596.0	596.2	596.0	595.8
130°	624.1	625.1	626.0	627.0	627.7	628.1	628.4	628.8	629.2	629.0	628.8
132.5°	655.7	657.3	658.8	660.4	661.2	661.1	661.0	660.9	660.8	660.6	660.5
135°	704.3	705.4	706.5	707.7	708.4	708.6	708.8	708.9	709.1	709.1	709.1
137.5°	750.3	751.4	752.5	753.6	754.4	754.8	755.3	755.7	756.0	756.3	756.6
140°	779.7	780.7	781.6	782.6	783.3	783.9	784.5	785.1	785.7	786.0	786.4
142.5°	809.2	809.9	810.7	811.6	812.4	813.0	813.8	814.5	815.2	815.5	815.7
145°	852.6	853.3	854.1	854.9	855.6	856.2	856.7	857.3	857.9	857.9	857.9
147.5°	892.5	892.9	893.4	893.7	894.2	894.7	895.1	895.5	896.0	896.5	896.9
150°	918.7	918.5	918.3	918.2	918.4	919.2	920.0	920.7	921.4	921.4	921.4
152.5°	941.2	941.4	941.7	941.9	942.3	942.5	942.9	943.1	943.5	943.9	944.4
155°	974.7	974.7	974.7	974.7	974.8	975.1	975.3	975.4	975.6	976.4	977.1
157.5°	1004.6	1004.2	1003.8	1003.3	1003.2	1003.4	1003.6	1003.8	1004.0	1004.8	1005.5
160°	1022.4	1021.7	1021.1	1020.6	1020.5	1020.6	1020.8	1021.0	1021.1	1021.9	1022.7
162.5°	1038.3	1037.8	1037.4	1037.1	1036.8	1036.9	1036.9	1037.0	1037.0	1037.9	1038.8
165°	1059.5	1059.1	1058.7	1058.3	1058.3	1058.4	1058.6	1058.8	1059.0	1059.8	1060.5
167.5°	1076.9	1076.2	1075.5	1074.7	1074.3	1074.3	1074.3	1074.3	1074.3	1075.5	1076.6
170°	1086.6	1085.8	1085.1	1084.3	1083.9	1083.9	1083.9	1083.9	1083.9	1085.1	1086.2
172.5°	1093.5	1092.7	1091.9	1091.2	1090.8	1090.8	1090.8	1090.8	1090.8	1091.9	1093.1
175°	1101.2	1100.4	1099.7	1098.9	1098.5	1098.5	1098.5	1098.5	1098.5	1099.7	1100.9
177.5°	1105.4	1104.7	1104.1	1103.5	1103.1	1102.9	1102.8	1102.7	1102.5	1103.5	1104.3
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	831.6	831.6	836.0	835.7	838.6	837.6	838.1
5°	893.9	899.4	904.3	907.6	912.5	913.9	913.2
7.5°	958.6	970.9	976.9	985.2	986.6	990.9	990.5
10°	998.5	1010.6	1019.8	1027.0	1030.6	1035.2	1035.5
12.5°	1029.9	1040.2	1048.4	1055.0	1059.4	1060.8	1061.7
15°	1054.5	1065.9	1075.4	1084.9	1090.5	1094.7	1097.0
17.5°	1079.2	1096.8	1113.6	1126.5	1134.2	1140.7	1140.7
20°	1098.3	1118.6	1139.5	1154.3	1169.2	1175.8	1176.8
22.5°	1118.7	1149.7	1176.6	1199.5	1219.3	1226.1	1228.6
25°	1161.1	1201.6	1243.2	1275.2	1298.1	1311.6	1313.5
27.5°	1212.3	1267.2	1310.9	1340.5	1359.5	1369.4	1371.6
30°	1248.4	1299.1	1338.3	1360.6	1369.4	1370.7	1365.8
32.5°	1264.6	1302.5	1318.2	1316.9	1299.6	1288.1	1283.7
35°	1244.8	1237.0	1198.7	1152.9	1117.9	1095.7	1089.8
37.5°	1132.8	1065.1	994.7	925.6	888.7	870.0	837.8
40°	1022.4	925.9	852.6	794.4	752.9	719.5	711.7
42.5°	897.9	798.2	725.0	675.1	642.0	619.1	609.2
45°	721.5	635.8	575.3	537.0	511.5	494.8	487.3
47.5°	577.0	510.7	466.7	438.3	418.9	404.4	400.4
50°	497.8	444.8	407.5	383.7	368.9	357.8	353.3
52.5°	432.4	389.6	360.9	341.3	327.4	320.4	316.6
55°	356.8	319.9	299.3	283.5	275.7	270.2	267.5
57.5°	291.8	265.1	250.0	239.2	232.0	228.4	227.1
60°	255.5	234.5	220.8	212.2	207.3	202.8	201.5
62.5°	223.3	206.8	196.1	188.7	183.8	181.8	181.1
65°	179.9	169.1	161.3	156.7	152.7	152.1	151.8
67.5°	143.0	136.6	132.5	127.8	126.4	124.1	123.6
70°	122.3	118.0	113.1	111.5	109.9	107.6	108.0
72.5°	103.8	99.5	96.2	94.0	93.4	92.5	93.2
75°	75.9	74.6	73.3	71.6	70.9	70.9	70.7
77.5°	54.2	53.0	51.6	50.6	50.5	49.1	49.6
80°	39.3	37.6	36.9	37.3	36.3	36.0	36.0
82.5°	29.0	28.4	27.8	27.9	27.6	27.4	27.6
85°	16.0	15.7	15.7	15.4	15.4	15.1	15.1
87.5°	9.0	9.6	9.1	9.0	9.1	9.5	9.9
90°	16.6	17.6	18.3	18.9	19.5	20.1	20.7
92.5°	36.8	38.1	38.9	39.3	39.7	40.1	40.6
95°	70.2	71.5	72.4	72.8	73.2	73.5	74.0
97.5°	109.2	110.5	111.2	111.4	111.7	111.8	112.1
100°	136.6	138.4	139.5	139.8	140.2	140.6	140.9
102.5°	164.6	166.5	167.7	168.2	168.8	169.4	169.9
105°	208.9	210.0	210.9	211.5	212.1	212.6	213.2
107.5°	256.8	257.4	257.7	257.6	257.6	257.6	257.5
110°	290.5	291.1	291.3	291.1	290.9	290.8	290.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	324.0	324.3	324.3	323.9	323.6	323.2	322.9
115°	375.1	374.9	374.7	374.4	374.3	374.1	373.9
117.5°	427.0	427.1	426.8	426.0	425.3	424.6	423.8
120°	461.6	461.6	461.2	460.5	459.7	458.9	458.1
122.5°	495.5	495.3	495.0	494.4	493.8	493.2	492.6
125°	545.5	545.2	544.8	544.7	544.5	544.3	544.2
127.5°	595.6	595.5	595.1	594.8	594.3	594.0	593.7
130°	628.6	628.4	628.2	627.8	627.4	627.0	626.6
132.5°	660.3	660.0	659.7	659.2	658.7	658.1	657.5
135°	709.1	709.1	708.8	708.0	707.2	706.5	705.7
137.5°	756.7	757.0	756.6	755.7	754.8	753.8	752.9
140°	786.8	787.2	786.9	785.9	785.0	784.0	783.1
142.5°	815.9	816.1	815.8	814.9	813.9	813.0	811.9
145°	857.9	857.9	857.6	857.0	856.4	855.8	855.3
147.5°	897.4	897.9	897.4	896.1	894.8	893.5	892.3
150°	921.4	921.4	921.3	920.9	920.5	920.2	919.7
152.5°	944.9	945.3	945.2	944.5	943.8	943.1	942.5
155°	977.9	978.7	978.6	977.7	976.6	975.7	974.7
157.5°	1006.3	1007.0	1006.8	1005.6	1004.3	1003.0	1001.8
160°	1023.5	1024.2	1024.2	1023.2	1022.3	1021.3	1020.3
162.5°	1039.7	1040.7	1040.6	1039.5	1038.4	1037.2	1036.1
165°	1061.3	1062.0	1061.9	1060.8	1059.5	1058.4	1057.3
167.5°	1077.7	1078.9	1078.8	1077.7	1076.5	1075.3	1074.1
170°	1087.4	1088.5	1088.4	1087.1	1085.7	1084.4	1083.1
172.5°	1094.2	1095.4	1095.4	1094.2	1093.0	1091.8	1090.6
175°	1102.0	1103.1	1103.0	1101.7	1100.4	1099.0	1097.7
177.5°	1105.3	1106.1	1106.1	1105.0	1104.0	1102.9	1101.8
180°	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6	1104.6

(END OF REPORT)