

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: P333509-935

Luminaire Tested: **S125RDIP-S375D1035U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333509-935  
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-S375D1035U935-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 375 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: 4340.2 lumens  
Efficiency: N/A  
Efficacy: 116.4 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: Semi-Indirect

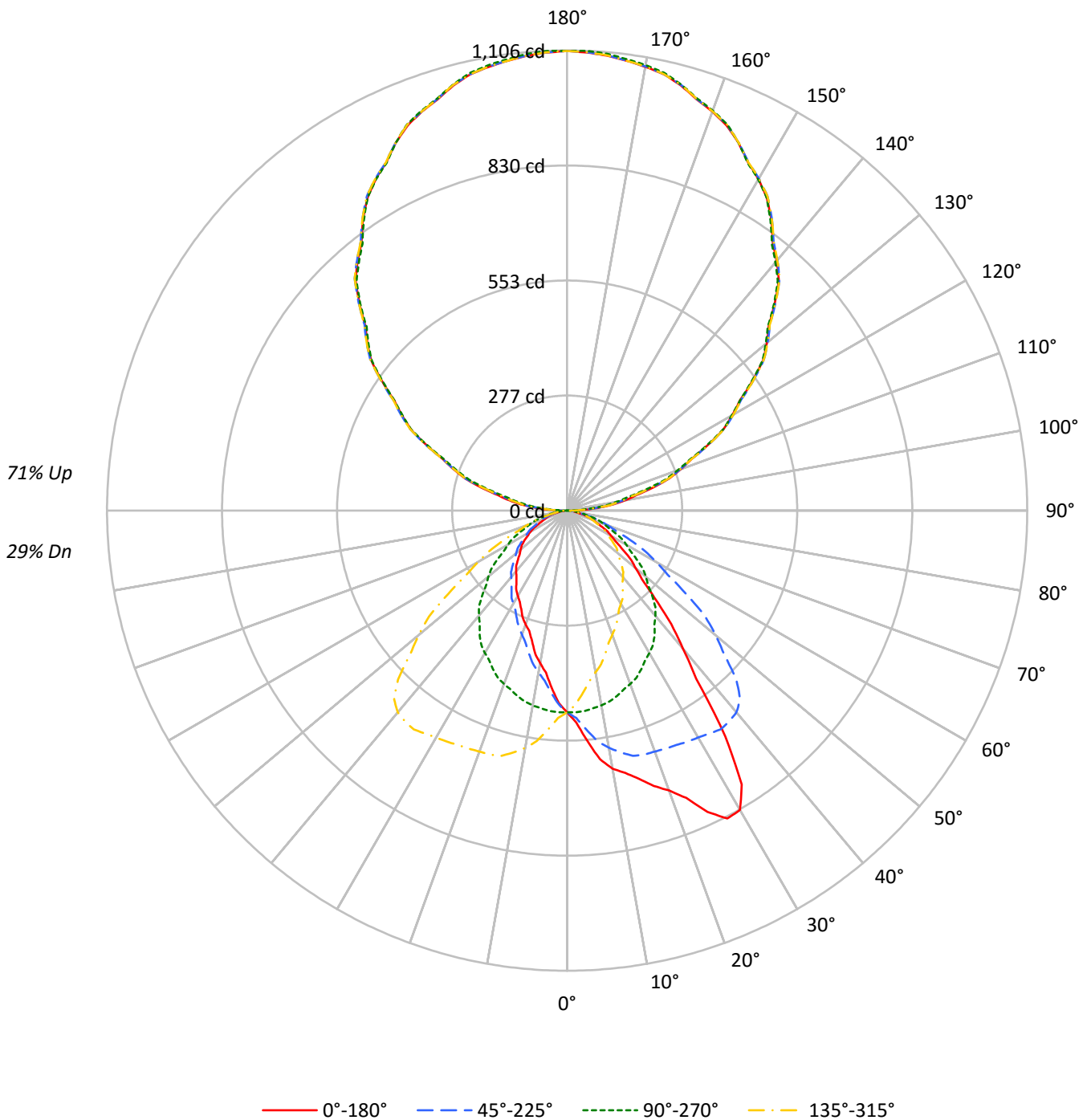
Input Watts (W): 37.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	102	102	102	102	92	92	92	92	72	72	72	53	53	53	37	37	37	29			29
1	93	89	86	82	83	80	77	74	63	61	59	47	46	45	33	32	32	25			25
2	85	78	72	67	76	70	65	61	55	52	49	42	40	38	29	28	27	21			21
3	78	69	62	56	69	62	56	51	49	45	42	37	34	32	26	24	23	18			18
4	71	61	53	48	63	55	48	44	44	39	35	33	30	28	23	22	20	16			16
5	65	54	46	41	58	49	42	37	39	34	31	30	26	24	21	19	17	14			14
6	60	48	41	35	54	44	37	32	35	30	27	27	23	21	19	17	15	12			12
7	55	44	36	31	50	40	33	28	32	27	23	24	21	18	17	15	14	11			11
8	51	40	32	27	46	36	29	25	29	24	21	22	19	16	16	14	12	10			10
9	48	36	29	24	43	33	26	22	26	22	18	20	17	15	15	13	11	9			9
10	44	33	26	21	40	30	24	20	24	20	16	19	16	13	14	12	10	8			8

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

	0°	90°	180°	270°
0°	3130	3130	3130	3130
5°	3601	3135	2768	3135
10°	4131	3118	2443	3118
15°	4462	3086	2171	3086
20°	4920	3049	2004	3049
25°	5694	2999	1861	2999
30°	6196	2948	1766	2948
35°	5226	2888	1678	2888
40°	3650	2780	1604	2780
45°	2707	2633	1531	2633
50°	2159	2481	1467	2481
55°	1832	2291	1412	2291
60°	1582	2124	1321	2124
65°	1411	1939	1137	1939
70°	1241	1777	1037	1777
75°	1073	1537	973	1537
80°	815	1294	815	1294
85°	674	1015	763	1015



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.5	1.1
10°-20°	136.2	3.1
20°-30°	215.9	5.0
30°-40°	260.4	6.0
40°-50°	232.6	5.4
50°-60°	178.3	4.1
60°-70°	115.9	2.7
70°-80°	56.3	1.3
80°-90°	15.9	0.4
90°-100°	74.0	1.7
100°-110°	218.5	5.0
110°-120°	370.0	8.5
120°-130°	487.0	11.2
130°-140°	545.7	12.6
140°-150°	534.8	12.3
150°-160°	449.2	10.3
160°-170°	298.6	6.9
170°-180°	104.5	2.4
0°-30°	398.6	9.2
0°-40°	659.0	15.2
0°-60°	1069.9	24.7
0°-90°	1258.0	29.0
90°-120°	662.5	15.3
90°-150°	2229.9	51.4
90°-180°	3082.0	71.0
0°-180°	4340.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	485	485	485	485	485	
5°	555	484	427	484	555	55
15°	667	462	325	462	667	191
25°	799	421	261	421	799	367
35°	663	366	213	366	663	400
45°	296	288	168	288	296	237
55°	163	204	125	204	163	148
65°	92	127	74	127	92	92
75°	43	62	39	62	43	46
85°	9	14	10	14	9	11
90°	21	1	21	1	21	12
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°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	509.8	509.5	510.1	508.3	508.5	505.8	505.8	503.8	501.0	498.9	498.0
5°	555.4	555.9	555.1	552.1	550.1	547.1	543.7	537.8	532.8	528.0	524.3
7.5°	602.5	602.8	600.1	599.3	594.2	590.6	583.1	574.9	567.7	558.5	551.6
10°	629.9	629.6	626.9	624.7	620.4	614.8	607.3	597.9	588.9	578.9	569.4
12.5°	645.8	645.2	644.4	641.7	637.7	632.7	626.5	617.1	606.1	595.2	584.0
15°	667.3	665.9	663.3	659.9	654.1	648.3	641.4	633.1	622.5	610.2	599.9
17.5°	693.9	693.9	689.9	685.2	677.3	667.2	656.4	643.0	628.6	615.1	604.1
20°	715.8	715.2	711.3	702.1	693.1	680.4	668.0	651.5	634.0	616.3	602.6
22.5°	747.3	745.8	741.7	729.6	715.7	699.3	680.4	660.3	639.1	619.1	601.0
25°	799.0	797.8	789.6	775.7	756.2	730.9	706.3	678.6	648.2	621.7	599.9
27.5°	834.3	833.0	826.9	815.4	797.4	770.8	737.4	700.4	662.5	626.0	594.5
30°	830.8	833.8	833.0	827.6	814.1	790.2	759.4	717.8	672.6	629.9	592.3
32.5°	780.8	783.5	790.5	801.1	801.8	792.3	769.2	730.8	684.1	635.4	590.5
35°	662.9	666.5	680.0	701.3	729.2	752.4	757.2	736.5	694.5	642.2	587.9
37.5°	509.6	529.2	540.6	563.0	605.1	647.9	689.1	704.2	686.4	639.4	583.7
40°	432.9	437.6	458.0	483.3	518.7	563.2	621.9	664.3	665.6	633.1	577.0
42.5°	370.5	376.6	390.5	410.7	441.0	485.5	546.1	602.1	627.9	615.5	568.2
45°	296.4	301.0	311.2	326.7	349.9	386.8	438.9	503.5	554.8	575.0	544.8
47.5°	243.5	246.0	254.8	266.7	283.9	310.6	351.0	407.2	468.7	511.9	507.6
50°	214.9	217.7	224.4	233.3	247.9	270.5	302.8	349.6	413.0	465.7	476.3
52.5°	192.6	194.9	199.1	207.6	219.6	236.9	263.0	305.3	362.4	418.4	442.9
55°	162.7	164.4	167.7	172.5	182.0	194.6	217.1	246.3	292.5	349.0	384.8
57.5°	138.2	139.0	141.1	145.5	152.1	161.3	177.5	202.2	235.4	286.3	325.8
60°	122.5	123.4	126.1	129.2	134.3	142.7	155.4	172.7	204.5	246.5	286.5
62.5°	110.1	110.6	111.8	114.8	119.3	125.8	135.8	149.9	175.2	212.2	249.9
65°	92.3	92.5	92.9	95.3	98.1	102.9	109.4	119.3	138.4	166.3	199.8
67.5°	75.2	75.5	76.9	77.7	80.6	83.1	87.0	94.5	108.1	126.8	152.8
70°	65.7	65.4	66.8	67.8	68.8	71.8	74.4	80.6	88.9	103.2	124.9
72.5°	56.7	56.2	56.8	57.2	58.5	60.5	63.1	66.9	73.4	83.2	99.8
75°	43.0	43.1	43.1	43.6	44.6	45.4	46.1	48.1	51.7	58.3	67.2
77.5°	30.1	29.9	30.7	30.8	31.4	32.3	33.0	33.8	35.2	37.9	42.5
80°	21.9	21.9	22.0	22.6	22.5	22.9	23.8	24.7	26.4	28.1	29.6
82.5°	16.8	16.6	16.8	17.0	16.9	17.3	17.7	17.8	18.5	19.3	20.4
85°	9.1	9.1	9.4	9.4	9.6	9.6	9.7	9.7	9.7	10.0	10.2
87.5°	7.7	7.3	7.1	7.0	7.0	7.1	6.8	6.5	6.3	6.1	6.0
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°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	498.0	496.9	494.8	492.9	490.5	488.4	487.0	485.3	483.0	480.4	478.1
5°	520.0	515.7	509.9	504.9	498.5	493.6	488.4	483.5	478.5	472.1	466.5
7.5°	544.5	535.5	526.7	515.6	505.6	496.6	488.0	479.3	470.8	461.8	453.1
10°	559.5	548.5	536.4	522.5	509.7	497.6	486.5	475.4	463.9	453.8	442.9
12.5°	573.4	559.3	545.4	527.9	512.6	497.7	483.5	469.9	457.6	444.4	432.7
15°	586.1	572.1	556.6	535.2	513.8	495.9	479.2	461.6	446.3	431.5	418.4
17.5°	591.0	576.4	558.4	537.7	514.4	491.9	470.4	451.0	432.9	415.8	401.1
20°	589.1	575.0	556.5	536.7	511.9	488.4	465.1	443.7	423.5	405.4	389.8
22.5°	584.4	569.9	552.0	531.2	507.6	482.7	457.8	434.9	413.9	395.1	378.0
25°	577.6	557.7	539.3	519.0	496.5	471.9	446.3	420.9	398.5	379.4	360.7
27.5°	570.3	545.5	522.2	502.0	478.3	456.3	431.5	405.6	382.0	362.6	343.4
30°	563.8	536.0	510.3	487.4	464.9	444.0	420.6	395.3	371.0	350.9	331.5
32.5°	555.7	526.1	497.9	471.5	449.8	429.1	407.9	383.7	360.1	339.3	319.5
35°	545.5	507.7	477.1	449.0	425.0	404.8	385.7	366.3	342.6	321.1	301.8
37.5°	532.2	489.2	453.8	423.3	397.9	377.7	362.6	344.7	323.1	302.6	284.7
40°	524.0	475.9	437.1	406.8	380.2	358.9	344.7	329.7	310.0	290.7	272.8
42.5°	513.2	463.6	420.3	388.7	361.9	341.4	327.1	313.9	297.4	279.2	260.0
45°	492.0	439.9	394.3	360.5	333.5	313.3	300.0	288.3	275.8	259.0	242.3
47.5°	464.4	415.1	367.4	330.5	304.0	285.3	272.4	263.1	254.2	240.0	223.8
50°	442.3	394.7	348.2	312.4	284.1	266.4	254.3	246.9	238.8	225.8	212.2
52.5°	416.1	373.7	328.1	291.5	264.8	248.2	236.6	229.2	222.5	212.0	199.1
55°	375.1	337.8	296.0	262.8	238.3	221.6	210.5	203.5	199.6	190.6	180.5
57.5°	327.5	300.9	264.1	232.0	210.3	193.9	185.7	179.8	175.3	168.9	161.8
60°	294.5	275.8	242.7	212.2	192.3	176.7	169.3	164.4	160.1	154.8	149.2
62.5°	260.9	247.3	218.5	192.3	174.1	160.9	154.0	149.6	144.7	141.1	135.7
65°	215.9	203.7	183.8	163.3	146.5	135.9	130.9	126.9	124.0	119.9	116.1
67.5°	167.9	163.0	149.2	135.1	123.0	113.6	109.3	106.5	103.0	100.6	98.0
70°	138.4	136.0	126.3	117.0	105.6	99.3	95.3	94.1	89.7	87.3	85.6
72.5°	112.4	111.2	105.6	99.2	91.2	85.6	82.0	80.6	77.7	75.9	74.7
75°	77.0	77.4	76.4	72.2	69.2	65.7	62.5	61.6	59.7	58.1	57.1
77.5°	48.7	50.7	50.8	50.6	49.4	47.3	45.9	45.3	43.4	42.8	42.5
80°	33.4	35.6	37.6	37.4	37.0	36.4	35.4	34.8	33.8	33.2	32.8
82.5°	22.3	24.3	26.0	27.0	26.9	26.3	25.7	25.4	25.2	24.8	24.7
85°	10.5	10.9	11.5	12.9	13.9	14.1	13.9	13.7	13.2	13.3	13.5
87.5°	5.9	5.6	5.5	5.3	4.7	5.3	5.4	5.3	5.3	5.3	5.3
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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	476.5	474.3	472.7	469.5	467.3	466.3	464.6	464.1	465.9	464.6	464.4
5°	462.4	456.6	452.0	447.5	442.5	439.3	434.5	433.7	432.5	430.8	430.3
7.5°	445.4	437.8	432.0	424.4	417.8	412.5	406.6	403.7	402.2	399.8	396.7
10°	433.9	425.0	417.0	409.4	401.3	394.7	388.7	384.2	381.2	378.4	377.2
12.5°	422.6	413.5	403.3	394.2	385.0	377.7	371.1	368.1	364.8	361.5	358.8
15°	405.0	393.0	381.8	371.3	363.5	355.5	349.1	344.7	339.8	338.4	333.0
17.5°	386.4	374.5	361.4	350.4	341.4	332.6	325.6	320.6	316.9	311.8	309.4
20°	374.8	360.7	347.9	337.8	327.9	317.5	310.4	306.2	302.6	298.4	296.4
22.5°	362.4	348.6	335.5	323.6	313.6	303.3	298.3	293.9	289.9	286.0	283.4
25°	344.1	330.3	316.5	304.2	293.7	286.3	280.3	275.3	273.2	269.4	266.6
27.5°	326.1	311.3	297.1	284.8	276.6	269.2	264.3	260.5	256.5	253.2	250.7
30°	314.5	299.5	283.9	274.1	265.4	258.5	253.0	249.3	246.3	243.3	241.5
32.5°	302.9	287.3	273.5	263.0	254.8	248.7	243.2	239.5	236.4	233.2	231.0
35°	284.3	268.4	257.3	246.9	238.8	233.2	229.4	224.2	221.6	219.2	217.1
37.5°	267.0	252.2	240.1	231.1	223.9	218.4	213.5	210.8	207.6	205.4	203.6
40°	254.3	240.7	229.8	220.2	215.1	208.9	204.3	200.7	198.4	195.5	193.6
42.5°	242.8	230.2	219.6	211.0	204.6	199.3	194.9	191.3	188.3	186.3	184.7
45°	226.6	214.0	203.7	195.8	189.8	184.9	180.2	178.5	174.4	172.1	171.3
47.5°	209.8	198.6	188.6	181.3	175.2	170.5	166.2	162.6	160.3	158.0	156.7
50°	198.5	187.8	178.5	171.3	165.3	160.1	156.2	153.8	150.8	148.6	147.1
52.5°	187.3	177.3	168.0	161.1	155.9	150.8	146.3	144.0	141.1	139.7	138.6
55°	171.1	160.6	152.6	145.9	140.4	135.7	131.5	129.2	127.3	126.0	125.5
57.5°	152.8	144.5	137.1	131.0	125.4	120.9	117.2	114.9	113.4	113.1	111.9
60°	140.9	133.3	126.6	119.9	115.2	111.0	107.8	105.2	103.7	103.5	103.1
62.5°	128.9	121.7	115.4	109.6	105.3	101.3	98.2	95.4	94.5	93.4	92.6
65°	111.2	104.6	99.4	94.9	90.3	87.0	83.9	82.1	80.0	78.8	76.6
67.5°	93.8	88.8	83.8	79.9	76.3	73.1	70.6	67.9	66.5	65.5	64.0
70°	82.4	78.4	73.4	69.2	66.5	63.9	61.9	58.9	57.9	57.1	56.3
72.5°	71.5	68.0	63.9	60.4	57.7	55.3	53.0	51.6	50.5	49.8	49.3
75°	56.3	53.0	49.3	46.9	44.9	43.0	41.8	40.8	40.4	40.2	39.4
77.5°	41.3	39.5	36.7	34.8	33.5	32.6	31.6	31.1	31.0	30.1	29.9
80°	31.6	30.7	28.2	27.5	26.4	25.7	25.1	24.1	23.1	22.6	22.0
82.5°	23.5	22.6	21.5	20.3	19.5	18.9	18.4	18.0	18.2	17.6	17.3
85°	12.6	11.5	11.1	10.9	10.5	10.9	10.8	10.5	10.3	10.2	10.3
87.5°	5.3	5.7	5.8	6.4	6.1	6.5	6.8	6.8	7.0	7.1	7.1
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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	464.3	462.5	462.0	462.7	462.0	462.5	464.3	464.4	464.6	465.9	464.1
5°	428.3	426.4	427.3	427.0	427.3	426.4	428.3	430.3	430.8	432.5	433.7
7.5°	396.7	394.3	391.7	392.4	391.7	394.3	396.7	396.7	399.8	402.2	403.7
10°	374.6	372.6	371.4	372.5	371.4	372.6	374.6	377.2	378.4	381.2	384.2
12.5°	356.0	354.8	353.8	353.4	353.8	354.8	356.0	358.8	361.5	364.8	368.1
15°	330.6	328.3	327.3	324.7	327.3	328.3	330.6	333.0	338.4	339.8	344.7
17.5°	307.3	306.5	303.9	302.8	303.9	306.5	307.3	309.4	311.8	316.9	320.6
20°	293.4	292.7	290.1	291.6	290.1	292.7	293.4	296.4	298.4	302.6	306.2
22.5°	282.0	280.3	279.4	279.0	279.4	280.3	282.0	283.4	286.0	289.9	293.9
25°	265.8	263.2	262.2	261.1	262.2	263.2	265.8	266.6	269.4	273.2	275.3
27.5°	249.6	248.2	246.9	246.6	246.9	248.2	249.6	250.7	253.2	256.5	260.5
30°	239.1	237.7	236.8	236.8	236.8	237.7	239.1	241.5	243.3	246.3	249.3
32.5°	229.7	228.7	227.6	227.5	227.6	228.7	229.7	231.0	233.2	236.4	239.5
35°	216.0	214.5	214.0	212.8	214.0	214.5	216.0	217.1	219.2	221.6	224.2
37.5°	201.8	200.5	200.5	200.4	200.5	200.5	201.8	203.6	205.4	207.6	210.8
40°	192.8	191.7	191.6	190.2	191.6	191.7	192.8	193.6	195.5	198.4	200.7
42.5°	183.0	182.5	181.8	181.2	181.8	182.5	183.0	184.7	186.3	188.3	191.3
45°	169.9	168.5	168.5	167.6	168.5	168.5	169.9	171.3	172.1	174.4	178.5
47.5°	156.3	155.2	155.3	154.3	155.3	155.2	156.3	156.7	158.0	160.3	162.6
50°	147.2	146.6	146.5	146.0	146.5	146.6	147.2	147.1	148.6	150.8	153.8
52.5°	138.2	137.8	138.6	137.8	138.6	137.8	138.2	138.6	139.7	141.1	144.0
55°	126.0	125.4	126.6	125.4	126.6	125.4	126.0	125.5	126.0	127.3	129.2
57.5°	111.9	111.3	112.4	111.8	112.4	111.3	111.9	111.9	113.1	113.4	114.9
60°	102.6	101.4	102.0	102.3	102.0	101.4	102.6	103.1	103.5	103.7	105.2
62.5°	91.7	90.9	91.4	90.5	91.4	90.9	91.7	92.6	93.4	94.5	95.4
65°	76.2	75.6	74.8	74.4	74.8	75.6	76.2	76.6	78.8	80.0	82.1
67.5°	64.1	62.6	62.5	62.9	62.5	62.6	64.1	64.0	65.5	66.5	67.9
70°	55.1	55.1	54.9	54.9	54.9	55.1	55.1	56.3	57.1	57.9	58.9
72.5°	48.9	48.7	48.4	48.2	48.4	48.7	48.9	49.3	49.8	50.5	51.6
75°	39.4	39.6	39.2	39.0	39.2	39.6	39.4	39.4	40.2	40.4	40.8
77.5°	29.1	28.2	28.7	28.2	28.7	28.2	29.1	29.9	30.1	31.0	31.1
80°	22.0	21.9	22.5	21.9	22.5	21.9	22.0	22.0	22.6	23.1	24.1
82.5°	17.5	17.3	17.6	17.1	17.6	17.3	17.5	17.3	17.6	18.2	18.0
85°	10.5	10.3	10.2	10.3	10.2	10.3	10.5	10.3	10.2	10.3	10.5
87.5°	7.4	7.4	7.5	7.7	7.5	7.4	7.4	7.1	7.1	7.0	6.8
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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	464.6	466.3	467.3	469.5	472.7	474.3	476.5	478.1	480.4	483.0	485.3
5°	434.5	439.3	442.5	447.5	452.0	456.6	462.4	466.5	472.1	478.5	483.5
7.5°	406.6	412.5	417.8	424.4	432.0	437.8	445.4	453.1	461.8	470.8	479.3
10°	388.7	394.7	401.3	409.4	417.0	425.0	433.9	442.9	453.8	463.9	475.4
12.5°	371.1	377.7	385.0	394.2	403.3	413.5	422.6	432.7	444.4	457.6	469.9
15°	349.1	355.5	363.5	371.3	381.8	393.0	405.0	418.4	431.5	446.3	461.6
17.5°	325.6	332.6	341.4	350.4	361.4	374.5	386.4	401.1	415.8	432.9	451.0
20°	310.4	317.5	327.9	337.8	347.9	360.7	374.8	389.8	405.4	423.5	443.7
22.5°	298.3	303.3	313.6	323.6	335.5	348.6	362.4	378.0	395.1	413.9	434.9
25°	280.3	286.3	293.7	304.2	316.5	330.3	344.1	360.7	379.4	398.5	420.9
27.5°	264.3	269.2	276.6	284.8	297.1	311.3	326.1	343.4	362.6	382.0	405.6
30°	253.0	258.5	265.4	274.1	283.9	299.5	314.5	331.5	350.9	371.0	395.3
32.5°	243.2	248.7	254.8	263.0	273.5	287.3	302.9	319.5	339.3	360.1	383.7
35°	229.4	233.2	238.8	246.9	257.3	268.4	284.3	301.8	321.1	342.6	366.3
37.5°	213.5	218.4	223.9	231.1	240.1	252.2	267.0	284.7	302.6	323.1	344.7
40°	204.3	208.9	215.1	220.2	229.8	240.7	254.3	272.8	290.7	310.0	329.7
42.5°	194.9	199.3	204.6	211.0	219.6	230.2	242.8	260.0	279.2	297.4	313.9
45°	180.2	184.9	189.8	195.8	203.7	214.0	226.6	242.3	259.0	275.8	288.3
47.5°	166.2	170.5	175.2	181.3	188.6	198.6	209.8	223.8	240.0	254.2	263.1
50°	156.2	160.1	165.3	171.3	178.5	187.8	198.5	212.2	225.8	238.8	246.9
52.5°	146.3	150.8	155.9	161.1	168.0	177.3	187.3	199.1	212.0	222.5	229.2
55°	131.5	135.7	140.4	145.9	152.6	160.6	171.1	180.5	190.6	199.6	203.5
57.5°	117.2	120.9	125.4	131.0	137.1	144.5	152.8	161.8	168.9	175.3	179.8
60°	107.8	111.0	115.2	119.9	126.6	133.3	140.9	149.2	154.8	160.1	164.4
62.5°	98.2	101.3	105.3	109.6	115.4	121.7	128.9	135.7	141.1	144.7	149.6
65°	83.9	87.0	90.3	94.9	99.4	104.6	111.2	116.1	119.9	124.0	126.9
67.5°	70.6	73.1	76.3	79.9	83.8	88.8	93.8	98.0	100.6	103.0	106.5
70°	61.9	63.9	66.5	69.2	73.4	78.4	82.4	85.6	87.3	89.7	94.1
72.5°	53.0	55.3	57.7	60.4	63.9	68.0	71.5	74.7	75.9	77.7	80.6
75°	41.8	43.0	44.9	46.9	49.3	53.0	56.3	57.1	58.1	59.7	61.6
77.5°	31.6	32.6	33.5	34.8	36.7	39.5	41.3	42.5	42.8	43.4	45.3
80°	25.1	25.7	26.4	27.5	28.2	30.7	31.6	32.8	33.2	33.8	34.8
82.5°	18.4	18.9	19.5	20.3	21.5	22.6	23.5	24.7	24.8	25.2	25.4
85°	10.8	10.9	10.5	10.9	11.1	11.5	12.6	13.5	13.3	13.2	13.7
87.5°	6.8	6.5	6.1	6.4	5.8	5.7	5.3	5.3	5.3	5.3	5.3
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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-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: P333509-935

CATALOG NUMBER: S125RDIP-S375D1035U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	487.0	488.4	490.5	492.9	494.8	496.9	498.0	498.0	498.9	501.0	503.8
5°	488.4	493.6	498.5	504.9	509.9	515.7	520.0	524.3	528.0	532.8	537.8
7.5°	488.0	496.6	505.6	515.6	526.7	535.5	544.5	551.6	558.5	567.7	574.9
10°	486.5	497.6	509.7	522.5	536.4	548.5	559.5	569.4	578.9	588.9	597.9
12.5°	483.5	497.7	512.6	527.9	545.4	559.3	573.4	584.0	595.2	606.1	617.1
15°	479.2	495.9	513.8	535.2	556.6	572.1	586.1	599.9	610.2	622.5	633.1
17.5°	470.4	491.9	514.4	537.7	558.4	576.4	591.0	604.1	615.1	628.6	643.0
20°	465.1	488.4	511.9	536.7	556.5	575.0	589.1	602.6	616.3	634.0	651.5
22.5°	457.8	482.7	507.6	531.2	552.0	569.9	584.4	601.0	619.1	639.1	660.3
25°	446.3	471.9	496.5	519.0	539.3	557.7	577.6	599.9	621.7	648.2	678.6
27.5°	431.5	456.3	478.3	502.0	522.2	545.5	570.3	594.5	626.0	662.5	700.4
30°	420.6	444.0	464.9	487.4	510.3	536.0	563.8	592.3	629.9	672.6	717.8
32.5°	407.9	429.1	449.8	471.5	497.9	526.1	555.7	590.5	635.4	684.1	730.8
35°	385.7	404.8	425.0	449.0	477.1	507.7	545.5	587.9	642.2	694.5	736.5
37.5°	362.6	377.7	397.9	423.3	453.8	489.2	532.2	583.7	639.4	686.4	704.2
40°	344.7	358.9	380.2	406.8	437.1	475.9	524.0	577.0	633.1	665.6	664.3
42.5°	327.1	341.4	361.9	388.7	420.3	463.6	513.2	568.2	615.5	627.9	602.1
45°	300.0	313.3	333.5	360.5	394.3	439.9	492.0	544.8	575.0	554.8	503.5
47.5°	272.4	285.3	304.0	330.5	367.4	415.1	464.4	507.6	511.9	468.7	407.2
50°	254.3	266.4	284.1	312.4	348.2	394.7	442.3	476.3	465.7	413.0	349.6
52.5°	236.6	248.2	264.8	291.5	328.1	373.7	416.1	442.9	418.4	362.4	305.3
55°	210.5	221.6	238.3	262.8	296.0	337.8	375.1	384.8	349.0	292.5	246.3
57.5°	185.7	193.9	210.3	232.0	264.1	300.9	327.5	325.8	286.3	235.4	202.2
60°	169.3	176.7	192.3	212.2	242.7	275.8	294.5	286.5	246.5	204.5	172.7
62.5°	154.0	160.9	174.1	192.3	218.5	247.3	260.9	249.9	212.2	175.2	149.9
65°	130.9	135.9	146.5	163.3	183.8	203.7	215.9	199.8	166.3	138.4	119.3
67.5°	109.3	113.6	123.0	135.1	149.2	163.0	167.9	152.8	126.8	108.1	94.5
70°	95.3	99.3	105.6	117.0	126.3	136.0	138.4	124.9	103.2	88.9	80.6
72.5°	82.0	85.6	91.2	99.2	105.6	111.2	112.4	99.8	83.2	73.4	66.9
75°	62.5	65.7	69.2	72.2	76.4	77.4	77.0	67.2	58.3	51.7	48.1
77.5°	45.9	47.3	49.4	50.6	50.8	50.7	48.7	42.5	37.9	35.2	33.8
80°	35.4	36.4	37.0	37.4	37.6	35.6	33.4	29.6	28.1	26.4	24.7
82.5°	25.7	26.3	26.9	27.0	26.0	24.3	22.3	20.4	19.3	18.5	17.8
85°	13.9	14.1	13.9	12.9	11.5	10.9	10.5	10.2	10.0	9.7	9.7
87.5°	5.4	5.3	4.7	5.3	5.5	5.6	5.9	6.0	6.1	6.3	6.5
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°	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	505.8	505.8	508.5	508.3	510.1	509.5	509.8
5°	543.7	547.1	550.1	552.1	555.1	555.9	555.4
7.5°	583.1	590.6	594.2	599.3	600.1	602.8	602.5
10°	607.3	614.8	620.4	624.7	626.9	629.6	629.9
12.5°	626.5	632.7	637.7	641.7	644.4	645.2	645.8
15°	641.4	648.3	654.1	659.9	663.3	665.9	667.3
17.5°	656.4	667.2	677.3	685.2	689.9	693.9	693.9
20°	668.0	680.4	693.1	702.1	711.3	715.2	715.8
22.5°	680.4	699.3	715.7	729.6	741.7	745.8	747.3
25°	706.3	730.9	756.2	775.7	789.6	797.8	799.0
27.5°	737.4	770.8	797.4	815.4	826.9	833.0	834.3
30°	759.4	790.2	814.1	827.6	833.0	833.8	830.8
32.5°	769.2	792.3	801.8	801.1	790.5	783.5	780.8
35°	757.2	752.4	729.2	701.3	680.0	666.5	662.9
37.5°	689.1	647.9	605.1	563.0	540.6	529.2	509.6
40°	621.9	563.2	518.7	483.3	458.0	437.6	432.9
42.5°	546.1	485.5	441.0	410.7	390.5	376.6	370.5
45°	438.9	386.8	349.9	326.7	311.2	301.0	296.4
47.5°	351.0	310.6	283.9	266.7	254.8	246.0	243.5
50°	302.8	270.5	247.9	233.3	224.4	217.7	214.9
52.5°	263.0	236.9	219.6	207.6	199.1	194.9	192.6
55°	217.1	194.6	182.0	172.5	167.7	164.4	162.7
57.5°	177.5	161.3	152.1	145.5	141.1	139.0	138.2
60°	155.4	142.7	134.3	129.2	126.1	123.4	122.5
62.5°	135.8	125.8	119.3	114.8	111.8	110.6	110.1
65°	109.4	102.9	98.1	95.3	92.9	92.5	92.3
67.5°	87.0	83.1	80.6	77.7	76.9	75.5	75.2
70°	74.4	71.8	68.8	67.8	66.8	65.4	65.7
72.5°	63.1	60.5	58.5	57.2	56.8	56.2	56.7
75°	46.1	45.4	44.6	43.6	43.1	43.1	43.0
77.5°	33.0	32.3	31.4	30.8	30.7	29.9	30.1
80°	23.8	22.9	22.5	22.6	22.0	21.9	21.9
82.5°	17.7	17.3	16.9	17.0	16.8	16.6	16.8
85°	9.7	9.6	9.6	9.4	9.4	9.1	9.1
87.5°	6.8	7.1	7.0	7.0	7.1	7.3	7.7
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)