

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: P333515-935

Luminaire Tested: **S125RDIP-S375D1205U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333515-935  
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-S375D1205U935-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1205 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

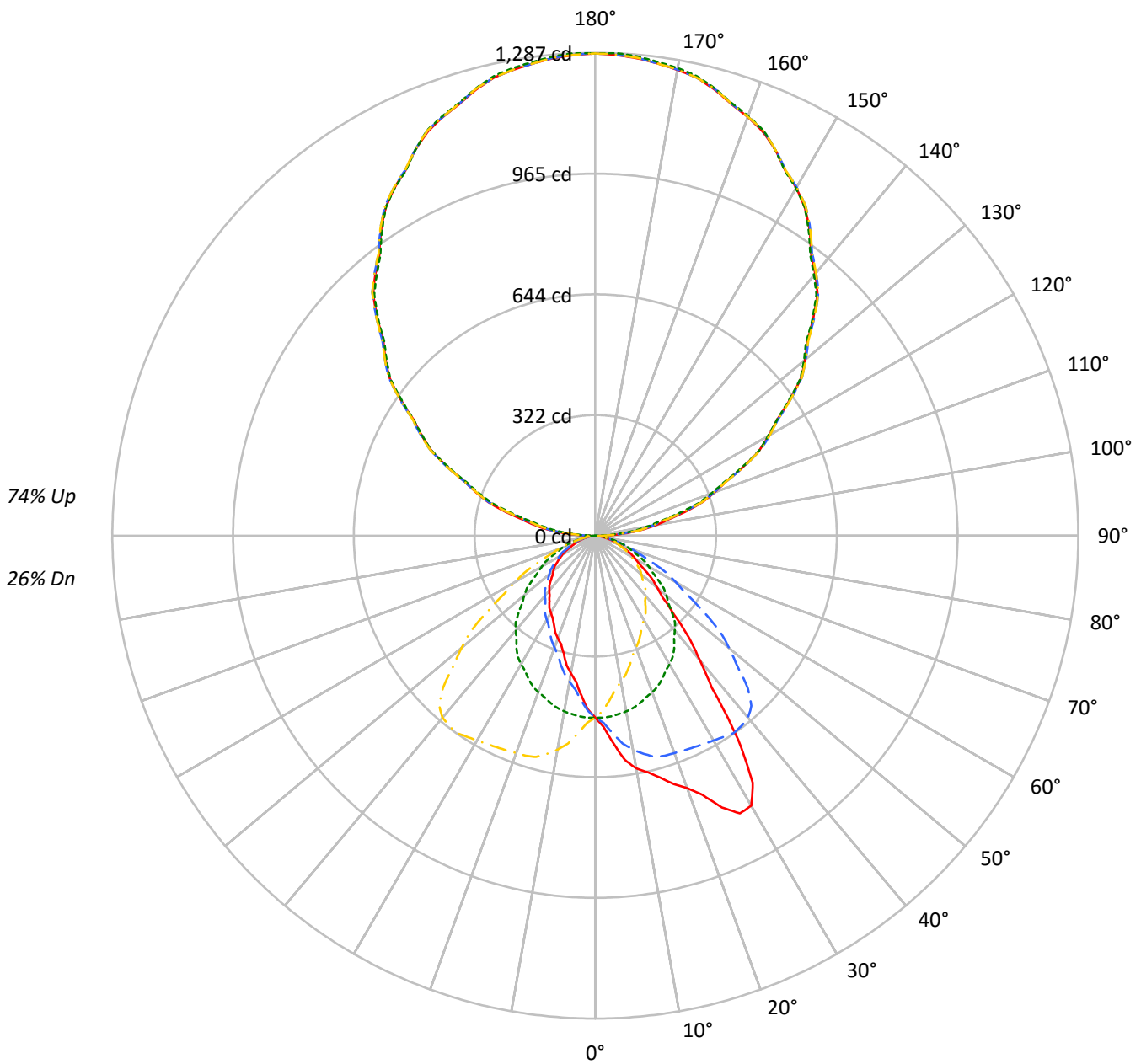
Lumens per Lamp: N/A  
Luminaire Lumens: 4846.0 lumens  
Efficiency: N/A  
Efficacy: 114.8 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 42.2  
Input Voltage (V): 120  
Input Current (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



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



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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	50	30	10	0	
RCR																						
0	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34	26				
1	93	89	85	82	82	79	76	73	61	59	58	45	44	43	30	30	29	22				
2	84	77	72	67	75	69	65	60	54	51	48	40	38	36	27	26	25	19				
3	77	68	61	56	69	61	55	51	48	44	40	35	33	31	24	23	21	16				
4	71	60	53	47	63	54	48	43	42	38	35	32	29	26	22	20	18	14				
5	65	54	46	40	57	48	42	37	38	33	30	28	25	23	19	18	16	12				
6	59	48	40	35	53	43	37	32	34	29	26	26	22	20	18	16	14	11				
7	55	43	36	30	49	39	32	28	31	26	23	23	20	18	16	14	13	10				
8	51	39	32	27	45	35	29	24	28	23	20	21	18	16	15	13	11	9				
9	47	36	28	24	42	32	26	22	26	21	18	19	16	14	14	12	10	8				
10	44	32	26	21	39	29	23	19	23	19	16	18	15	13	13	11	9	7				

**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	1.0
10°-20°	136.2	2.8
20°-30°	215.9	4.5
30°-40°	260.4	5.4
40°-50°	232.6	4.8
50°-60°	178.3	3.7
60°-70°	115.9	2.4
70°-80°	56.3	1.2
80°-90°	16.2	0.3
90°-100°	86.1	1.8
100°-110°	254.3	5.2
110°-120°	430.7	8.9
120°-130°	566.8	11.7
130°-140°	635.1	13.1
140°-150°	622.5	12.8
150°-160°	522.8	10.8
160°-170°	347.5	7.2
170°-180°	121.6	2.5
0°-30°	398.6	8.2
0°-40°	659.0	13.6
0°-60°	1069.9	22.1
0°-90°	1258.4	26.0
90°-120°	771.1	15.9
90°-150°	2595.6	53.6
90°-180°	3588.0	74.0
0°-180°	4846.0	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°	24	1	24	1	24	14
95°	86	65	86	65	86	88
105°	248	228	248	228	248	263
115°	435	431	435	431	435	430
125°	633	629	633	629	633	565
135°	821	818	821	818	821	634
145°	996	992	996	992	996	621
155°	1135	1135	1135	1135	1135	522
165°	1231	1234	1231	1234	1231	347
175°	1278	1283	1278	1283	1278	121
180°	1286	1286	1286	1286	1286	



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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°	8.3	8.0	7.7	7.6	7.6	7.7	7.4	7.0	6.8	6.5	6.4
90°	24.0	23.3	22.6	22.0	21.4	20.5	19.4	18.3	17.1	16.0	14.5
92.5°	47.2	46.8	46.2	45.7	45.3	44.3	42.8	41.3	39.9	38.4	36.5
95°	86.0	85.6	85.2	84.7	84.3	83.3	81.7	80.2	78.6	77.1	74.8
97.5°	130.4	130.2	129.9	129.7	129.4	128.5	127.1	125.6	124.2	122.7	119.6
100°	164.1	163.7	163.2	162.7	162.3	161.1	159.1	157.0	155.1	153.1	150.2
102.5°	197.7	197.1	196.5	195.9	195.2	193.8	191.7	189.4	187.3	185.1	183.7
105°	248.1	247.5	246.8	246.2	245.5	244.4	243.1	241.8	240.5	239.1	237.8
107.5°	299.7	299.8	299.9	299.9	300.0	299.6	298.9	298.3	297.6	297.0	295.9
110°	338.2	338.4	338.6	338.8	339.1	338.8	338.2	337.5	336.8	336.1	335.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	375.8	376.2	376.6	377.0	377.4	377.5	377.1	376.9	376.5	376.2	375.3
115°	435.2	435.4	435.7	435.9	436.1	436.4	436.5	436.8	437.0	437.2	436.8
117.5°	493.3	494.1	495.1	495.9	496.8	497.1	497.0	496.8	496.6	496.5	496.0
120°	533.3	534.2	535.0	536.0	536.8	537.3	537.3	537.3	537.3	537.3	537.1
122.5°	573.3	574.0	574.7	575.4	576.2	576.6	576.8	577.0	577.1	577.3	576.7
125°	633.4	633.5	633.8	634.0	634.2	634.6	635.0	635.4	635.8	636.4	636.1
127.5°	691.0	691.4	691.8	692.3	692.8	693.1	693.3	693.5	693.7	694.0	693.7
130°	729.4	729.8	730.3	730.7	731.2	731.5	731.7	731.9	732.2	732.4	731.9
132.5°	765.4	766.0	766.6	767.2	767.9	768.3	768.5	768.8	769.0	769.2	769.3
135°	821.4	822.3	823.2	824.1	825.0	825.4	825.4	825.4	825.4	825.4	825.2
137.5°	876.2	877.4	878.5	879.6	880.7	881.1	880.9	880.6	880.3	880.0	879.6
140°	911.5	912.6	913.7	914.8	915.9	916.3	915.8	915.3	914.9	914.5	913.8
142.5°	945.1	946.2	947.4	948.4	949.5	949.9	949.7	949.4	949.2	948.9	948.0
145°	995.5	996.2	996.9	997.6	998.2	998.5	998.5	998.5	998.5	998.5	997.8
147.5°	1038.5	1040.1	1041.6	1043.1	1044.6	1045.1	1044.6	1044.0	1043.4	1042.9	1042.4
150°	1070.6	1071.0	1071.4	1071.9	1072.4	1072.5	1072.5	1072.5	1072.5	1072.5	1071.7
152.5°	1097.0	1097.8	1098.5	1099.4	1100.2	1100.3	1099.8	1099.2	1098.7	1098.2	1097.9
155°	1134.6	1135.7	1136.8	1137.9	1139.0	1139.2	1138.2	1137.4	1136.5	1135.6	1135.4
157.5°	1166.1	1167.5	1169.0	1170.4	1171.9	1172.2	1171.3	1170.4	1169.5	1168.6	1168.4
160°	1187.7	1188.7	1189.8	1190.9	1192.1	1192.1	1191.3	1190.4	1189.5	1188.6	1188.4
162.5°	1206.0	1207.3	1208.6	1209.9	1211.2	1211.3	1210.2	1209.2	1208.1	1207.0	1206.9
165°	1230.6	1232.0	1233.3	1234.7	1236.0	1236.2	1235.3	1234.4	1233.6	1232.6	1232.4
167.5°	1250.3	1251.6	1253.0	1254.4	1255.8	1255.8	1254.5	1253.1	1251.8	1250.4	1250.4
170°	1260.7	1262.2	1263.8	1265.3	1266.9	1267.0	1265.7	1264.3	1263.0	1261.6	1261.6
172.5°	1269.5	1270.8	1272.2	1273.6	1275.0	1275.0	1273.7	1272.3	1271.0	1269.6	1269.6
175°	1277.6	1279.2	1280.8	1282.4	1283.9	1284.0	1282.6	1281.3	1280.0	1278.7	1278.7
177.5°	1282.5	1283.8	1285.0	1286.2	1287.5	1287.5	1286.5	1285.4	1284.4	1283.2	1283.4
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6



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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°	6.2	5.9	5.8	5.4	4.9	5.3	5.5	5.3	5.3	5.3	5.4
90°	12.9	11.4	9.8	8.1	6.4	4.6	2.8	1.0	2.8	4.6	6.4
92.5°	34.6	32.7	30.7	29.2	28.0	26.7	25.5	24.2	25.5	26.7	28.0
95°	72.6	70.3	68.1	66.8	66.4	66.0	65.4	65.0	65.4	66.0	66.4
97.5°	116.5	113.5	110.4	108.7	108.6	108.4	108.2	108.1	108.2	108.4	108.6
100°	147.3	144.4	141.5	140.1	140.1	140.1	140.1	140.1	140.1	140.1	140.1
102.5°	182.2	180.7	179.3	178.1	177.2	176.2	175.4	174.5	175.4	176.2	177.2
105°	236.4	235.1	233.8	232.6	231.4	230.3	229.2	228.1	229.2	230.3	231.4
107.5°	294.9	293.9	292.8	291.8	290.7	289.6	288.4	287.3	288.4	289.6	290.7
110°	334.8	334.2	333.5	332.6	331.5	330.4	329.2	328.2	329.2	330.4	331.5





TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	374.5	373.7	372.8	372.1	371.5	370.9	370.4	369.8	370.4	370.9	371.5
115°	436.4	435.9	435.4	434.8	433.9	433.0	432.1	431.2	432.1	433.0	433.9
117.5°	495.7	495.2	494.8	494.5	494.0	493.7	493.3	492.8	493.3	493.7	494.0
120°	536.8	536.6	536.4	535.7	534.6	533.5	532.4	531.2	532.4	533.5	534.6
122.5°	576.2	575.6	575.0	574.5	574.1	573.7	573.3	572.9	573.3	573.7	574.1
125°	635.8	635.7	635.4	634.6	633.4	632.0	630.7	629.3	630.7	632.0	633.4
127.5°	693.4	693.2	692.9	692.4	691.6	690.9	690.1	689.4	690.1	690.9	691.6
130°	731.5	731.1	730.6	729.8	728.8	727.6	726.5	725.4	726.5	727.6	728.8
132.5°	769.4	769.5	769.6	768.7	766.9	765.1	763.2	761.4	763.2	765.1	766.9
135°	825.0	824.8	824.6	823.8	822.4	821.1	819.8	818.5	819.8	821.1	822.4
137.5°	879.1	878.6	878.1	877.2	875.9	874.6	873.3	872.0	873.3	874.6	875.9
140°	913.2	912.5	911.8	910.9	909.8	908.7	907.6	906.5	907.6	908.7	909.8
142.5°	947.2	946.3	945.6	944.6	943.7	942.8	941.8	940.9	941.8	942.8	943.7
145°	997.2	996.5	995.8	995.1	994.2	993.3	992.4	991.5	992.4	993.3	994.2
147.5°	1041.9	1041.4	1040.8	1040.3	1039.8	1039.3	1038.8	1038.4	1038.8	1039.3	1039.8
150°	1070.7	1069.9	1069.0	1068.7	1068.9	1069.1	1069.4	1069.5	1069.4	1069.1	1068.9
152.5°	1097.4	1097.1	1096.7	1096.4	1096.1	1095.8	1095.5	1095.2	1095.5	1095.8	1096.1
155°	1135.1	1135.0	1134.7	1134.6	1134.6	1134.6	1134.6	1134.6	1134.6	1134.6	1134.6
157.5°	1168.2	1167.9	1167.7	1167.9	1168.4	1168.8	1169.3	1169.8	1169.3	1168.8	1168.4
160°	1188.2	1187.9	1187.7	1187.9	1188.6	1189.3	1190.0	1190.6	1190.0	1189.3	1188.6
162.5°	1206.9	1206.9	1206.9	1207.0	1207.6	1208.1	1208.6	1209.0	1208.6	1208.1	1207.6
165°	1232.2	1232.0	1231.7	1231.8	1232.3	1232.8	1233.2	1233.6	1233.2	1232.8	1232.3
167.5°	1250.4	1250.4	1250.4	1250.9	1251.8	1252.7	1253.5	1254.5	1253.5	1252.7	1251.8
170°	1261.6	1261.6	1261.6	1262.1	1263.0	1263.9	1264.8	1265.7	1264.8	1263.9	1263.0
172.5°	1269.6	1269.6	1269.6	1270.1	1271.0	1271.9	1272.8	1273.7	1272.8	1271.9	1271.0
175°	1278.7	1278.7	1278.7	1279.1	1280.0	1280.9	1281.8	1282.6	1281.8	1280.9	1280.0
177.5°	1283.7	1283.8	1284.0	1284.4	1285.1	1285.8	1286.6	1287.3	1286.6	1285.8	1285.1
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	5.6	5.9	6.1	6.7	6.5	7.1	7.2	7.3	7.5	7.7	7.7
90°	8.1	9.8	11.4	12.9	14.5	16.0	17.1	18.3	19.4	20.5	21.4
92.5°	29.2	30.7	32.7	34.6	36.5	38.4	39.9	41.3	42.8	44.3	45.3
95°	66.8	68.1	70.3	72.6	74.8	77.1	78.6	80.2	81.7	83.3	84.3
97.5°	108.7	110.4	113.5	116.5	119.6	122.7	124.2	125.6	127.1	128.5	129.4
100°	140.1	141.5	144.4	147.3	150.2	153.1	155.1	157.0	159.1	161.1	162.3
102.5°	178.1	179.3	180.7	182.2	183.7	185.1	187.3	189.4	191.7	193.8	195.2
105°	232.6	233.8	235.1	236.4	237.8	239.1	240.5	241.8	243.1	244.4	245.5
107.5°	291.8	292.8	293.9	294.9	295.9	297.0	297.6	298.3	298.9	299.6	300.0
110°	332.6	333.5	334.2	334.8	335.5	336.1	336.8	337.5	338.2	338.8	339.1



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	372.1	372.8	373.7	374.5	375.3	376.2	376.5	376.9	377.1	377.5	377.4
115°	434.8	435.4	435.9	436.4	436.8	437.2	437.0	436.8	436.5	436.4	436.1
117.5°	494.5	494.8	495.2	495.7	496.0	496.5	496.6	496.8	497.0	497.1	496.8
120°	535.7	536.4	536.6	536.8	537.1	537.3	537.3	537.3	537.3	537.3	536.8
122.5°	574.5	575.0	575.6	576.2	576.7	577.3	577.1	577.0	576.8	576.6	576.2
125°	634.6	635.4	635.7	635.8	636.1	636.4	635.8	635.4	635.0	634.6	634.2
127.5°	692.4	692.9	693.2	693.4	693.7	694.0	693.7	693.5	693.3	693.1	692.8
130°	729.8	730.6	731.1	731.5	731.9	732.4	732.2	731.9	731.7	731.5	731.2
132.5°	768.7	769.6	769.5	769.4	769.3	769.2	769.0	768.8	768.5	768.3	767.9
135°	823.8	824.6	824.8	825.0	825.2	825.4	825.4	825.4	825.4	825.4	825.0
137.5°	877.2	878.1	878.6	879.1	879.6	880.0	880.3	880.6	880.9	881.1	880.7
140°	910.9	911.8	912.5	913.2	913.8	914.5	914.9	915.3	915.8	916.3	915.9
142.5°	944.6	945.6	946.3	947.2	948.0	948.9	949.2	949.4	949.7	949.9	949.5
145°	995.1	995.8	996.5	997.2	997.8	998.5	998.5	998.5	998.5	998.5	998.2
147.5°	1040.3	1040.8	1041.4	1041.9	1042.4	1042.9	1043.4	1044.0	1044.6	1045.1	1044.6
150°	1068.7	1069.0	1069.9	1070.7	1071.7	1072.5	1072.5	1072.5	1072.5	1072.5	1072.4
152.5°	1096.4	1096.7	1097.1	1097.4	1097.9	1098.2	1098.7	1099.2	1099.8	1100.3	1100.2
155°	1134.6	1134.7	1135.0	1135.1	1135.4	1135.6	1136.5	1137.4	1138.2	1139.2	1139.0
157.5°	1167.9	1167.7	1167.9	1168.2	1168.4	1168.6	1169.5	1170.4	1171.3	1172.2	1171.9
160°	1187.9	1187.7	1187.9	1188.2	1188.4	1188.6	1189.5	1190.4	1191.3	1192.1	1192.1
162.5°	1207.0	1206.9	1206.9	1206.9	1206.9	1207.0	1208.1	1209.2	1210.2	1211.3	1211.2
165°	1231.8	1231.7	1232.0	1232.2	1232.4	1232.6	1233.6	1234.4	1235.3	1236.2	1236.0
167.5°	1250.9	1250.4	1250.4	1250.4	1250.4	1250.4	1251.8	1253.1	1254.5	1255.8	1255.8
170°	1262.1	1261.6	1261.6	1261.6	1261.6	1261.6	1263.0	1264.3	1265.7	1267.0	1266.9
172.5°	1270.1	1269.6	1269.6	1269.6	1269.6	1269.6	1271.0	1272.3	1273.7	1275.0	1275.0
175°	1279.1	1278.7	1278.7	1278.7	1278.7	1278.7	1280.0	1281.3	1282.6	1284.0	1283.9
177.5°	1284.4	1284.0	1283.8	1283.7	1283.4	1283.2	1284.4	1285.4	1286.5	1287.5	1287.5
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	8.1	8.0	8.2	8.3	8.2	8.0	8.1	7.7	7.7	7.5	7.3
90°	22.0	22.6	23.3	24.0	23.3	22.6	22.0	21.4	20.5	19.4	18.3
92.5°	45.7	46.2	46.8	47.2	46.8	46.2	45.7	45.3	44.3	42.8	41.3
95°	84.7	85.2	85.6	86.0	85.6	85.2	84.7	84.3	83.3	81.7	80.2
97.5°	129.7	129.9	130.2	130.4	130.2	129.9	129.7	129.4	128.5	127.1	125.6
100°	162.7	163.2	163.7	164.1	163.7	163.2	162.7	162.3	161.1	159.1	157.0
102.5°	195.9	196.5	197.1	197.7	197.1	196.5	195.9	195.2	193.8	191.7	189.4
105°	246.2	246.8	247.5	248.1	247.5	246.8	246.2	245.5	244.4	243.1	241.8
107.5°	299.9	299.9	299.8	299.7	299.8	299.9	299.9	300.0	299.6	298.9	298.3
110°	338.8	338.6	338.4	338.2	338.4	338.6	338.8	339.1	338.8	338.2	337.5



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	377.0	376.6	376.2	375.8	376.2	376.6	377.0	377.4	377.5	377.1	376.9
115°	435.9	435.7	435.4	435.2	435.4	435.7	435.9	436.1	436.4	436.5	436.8
117.5°	495.9	495.1	494.1	493.3	494.1	495.1	495.9	496.8	497.1	497.0	496.8
120°	536.0	535.0	534.2	533.3	534.2	535.0	536.0	536.8	537.3	537.3	537.3
122.5°	575.4	574.7	574.0	573.3	574.0	574.7	575.4	576.2	576.6	576.8	577.0
125°	634.0	633.8	633.5	633.4	633.5	633.8	634.0	634.2	634.6	635.0	635.4
127.5°	692.3	691.8	691.4	691.0	691.4	691.8	692.3	692.8	693.1	693.3	693.5
130°	730.7	730.3	729.8	729.4	729.8	730.3	730.7	731.2	731.5	731.7	731.9
132.5°	767.2	766.6	766.0	765.4	766.0	766.6	767.2	767.9	768.3	768.5	768.8
135°	824.1	823.2	822.3	821.4	822.3	823.2	824.1	825.0	825.4	825.4	825.4
137.5°	879.6	878.5	877.4	876.2	877.4	878.5	879.6	880.7	881.1	880.9	880.6
140°	914.8	913.7	912.6	911.5	912.6	913.7	914.8	915.9	916.3	915.8	915.3
142.5°	948.4	947.4	946.2	945.1	946.2	947.4	948.4	949.5	949.9	949.7	949.4
145°	997.6	996.9	996.2	995.5	996.2	996.9	997.6	998.2	998.5	998.5	998.5
147.5°	1043.1	1041.6	1040.1	1038.5	1040.1	1041.6	1043.1	1044.6	1045.1	1044.6	1044.0
150°	1071.9	1071.4	1071.0	1070.6	1071.0	1071.4	1071.9	1072.4	1072.5	1072.5	1072.5
152.5°	1099.4	1098.5	1097.8	1097.0	1097.8	1098.5	1099.4	1100.2	1100.3	1099.8	1099.2
155°	1137.9	1136.8	1135.7	1134.6	1135.7	1136.8	1137.9	1139.0	1139.2	1138.2	1137.4
157.5°	1170.4	1169.0	1167.5	1166.1	1167.5	1169.0	1170.4	1171.9	1172.2	1171.3	1170.4
160°	1190.9	1189.8	1188.7	1187.7	1188.7	1189.8	1190.9	1192.1	1192.1	1191.3	1190.4
162.5°	1209.9	1208.6	1207.3	1206.0	1207.3	1208.6	1209.9	1211.2	1211.3	1210.2	1209.2
165°	1234.7	1233.3	1232.0	1230.6	1232.0	1233.3	1234.7	1236.0	1236.2	1235.3	1234.4
167.5°	1254.4	1253.0	1251.6	1250.3	1251.6	1253.0	1254.4	1255.8	1255.8	1254.5	1253.1
170°	1265.3	1263.8	1262.2	1260.7	1262.2	1263.8	1265.3	1266.9	1267.0	1265.7	1264.3
172.5°	1273.6	1272.2	1270.8	1269.5	1270.8	1272.2	1273.6	1275.0	1275.0	1273.7	1272.3
175°	1282.4	1280.8	1279.2	1277.6	1279.2	1280.8	1282.4	1283.9	1284.0	1282.6	1281.3
177.5°	1286.2	1285.0	1283.8	1282.5	1283.8	1285.0	1286.2	1287.5	1287.5	1286.5	1285.4
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	7.2	7.1	6.5	6.7	6.1	5.9	5.6	5.4	5.3	5.3	5.3
90°	17.1	16.0	14.5	12.9	11.4	9.8	8.1	6.4	4.6	2.8	1.0
92.5°	39.9	38.4	36.5	34.6	32.7	30.7	29.2	28.0	26.7	25.5	24.2
95°	78.6	77.1	74.8	72.6	70.3	68.1	66.8	66.4	66.0	65.4	65.0
97.5°	124.2	122.7	119.6	116.5	113.5	110.4	108.7	108.6	108.4	108.2	108.1
100°	155.1	153.1	150.2	147.3	144.4	141.5	140.1	140.1	140.1	140.1	140.1
102.5°	187.3	185.1	183.7	182.2	180.7	179.3	178.1	177.2	176.2	175.4	174.5
105°	240.5	239.1	237.8	236.4	235.1	233.8	232.6	231.4	230.3	229.2	228.1
107.5°	297.6	297.0	295.9	294.9	293.9	292.8	291.8	290.7	289.6	288.4	287.3
110°	336.8	336.1	335.5	334.8	334.2	333.5	332.6	331.5	330.4	329.2	328.2



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	376.5	376.2	375.3	374.5	373.7	372.8	372.1	371.5	370.9	370.4	369.8
115°	437.0	437.2	436.8	436.4	435.9	435.4	434.8	433.9	433.0	432.1	431.2
117.5°	496.6	496.5	496.0	495.7	495.2	494.8	494.5	494.0	493.7	493.3	492.8
120°	537.3	537.3	537.1	536.8	536.6	536.4	535.7	534.6	533.5	532.4	531.2
122.5°	577.1	577.3	576.7	576.2	575.6	575.0	574.5	574.1	573.7	573.3	572.9
125°	635.8	636.4	636.1	635.8	635.7	635.4	634.6	633.4	632.0	630.7	629.3
127.5°	693.7	694.0	693.7	693.4	693.2	692.9	692.4	691.6	690.9	690.1	689.4
130°	732.2	732.4	731.9	731.5	731.1	730.6	729.8	728.8	727.6	726.5	725.4
132.5°	769.0	769.2	769.3	769.4	769.5	769.6	768.7	766.9	765.1	763.2	761.4
135°	825.4	825.4	825.2	825.0	824.8	824.6	823.8	822.4	821.1	819.8	818.5
137.5°	880.3	880.0	879.6	879.1	878.6	878.1	877.2	875.9	874.6	873.3	872.0
140°	914.9	914.5	913.8	913.2	912.5	911.8	910.9	909.8	908.7	907.6	906.5
142.5°	949.2	948.9	948.0	947.2	946.3	945.6	944.6	943.7	942.8	941.8	940.9
145°	998.5	998.5	997.8	997.2	996.5	995.8	995.1	994.2	993.3	992.4	991.5
147.5°	1043.4	1042.9	1042.4	1041.9	1041.4	1040.8	1040.3	1039.8	1039.3	1038.8	1038.4
150°	1072.5	1072.5	1071.7	1070.7	1069.9	1069.0	1068.7	1068.9	1069.1	1069.4	1069.5
152.5°	1098.7	1098.2	1097.9	1097.4	1097.1	1096.7	1096.4	1096.1	1095.8	1095.5	1095.2
155°	1136.5	1135.6	1135.4	1135.1	1135.0	1134.7	1134.6	1134.6	1134.6	1134.6	1134.6
157.5°	1169.5	1168.6	1168.4	1168.2	1167.9	1167.7	1167.9	1168.4	1168.8	1169.3	1169.8
160°	1189.5	1188.6	1188.4	1188.2	1187.9	1187.7	1187.9	1188.6	1189.3	1190.0	1190.6
162.5°	1208.1	1207.0	1206.9	1206.9	1206.9	1206.9	1207.0	1207.6	1208.1	1208.6	1209.0
165°	1233.6	1232.6	1232.4	1232.2	1232.0	1231.7	1231.8	1232.3	1232.8	1233.2	1233.6
167.5°	1251.8	1250.4	1250.4	1250.4	1250.4	1250.4	1250.9	1251.8	1252.7	1253.5	1254.5
170°	1263.0	1261.6	1261.6	1261.6	1261.6	1261.6	1262.1	1263.0	1263.9	1264.8	1265.7
172.5°	1271.0	1269.6	1269.6	1269.6	1269.6	1269.6	1270.1	1271.0	1271.9	1272.8	1273.7
175°	1280.0	1278.7	1278.7	1278.7	1278.7	1278.7	1279.1	1280.0	1280.9	1281.8	1282.6
177.5°	1284.4	1283.2	1283.4	1283.7	1283.8	1284.0	1284.4	1285.1	1285.8	1286.6	1287.3
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6



TEST NUMBER: P333515-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	5.5	5.3	4.9	5.4	5.8	5.9	6.2	6.4	6.5	6.8	7.0
90°	2.8	4.6	6.4	8.1	9.8	11.4	12.9	14.5	16.0	17.1	18.3
92.5°	25.5	26.7	28.0	29.2	30.7	32.7	34.6	36.5	38.4	39.9	41.3
95°	65.4	66.0	66.4	66.8	68.1	70.3	72.6	74.8	77.1	78.6	80.2
97.5°	108.2	108.4	108.6	108.7	110.4	113.5	116.5	119.6	122.7	124.2	125.6
100°	140.1	140.1	140.1	140.1	141.5	144.4	147.3	150.2	153.1	155.1	157.0
102.5°	175.4	176.2	177.2	178.1	179.3	180.7	182.2	183.7	185.1	187.3	189.4
105°	229.2	230.3	231.4	232.6	233.8	235.1	236.4	237.8	239.1	240.5	241.8
107.5°	288.4	289.6	290.7	291.8	292.8	293.9	294.9	295.9	297.0	297.6	298.3
110°	329.2	330.4	331.5	332.6	333.5	334.2	334.8	335.5	336.1	336.8	337.5





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	370.4	370.9	371.5	372.1	372.8	373.7	374.5	375.3	376.2	376.5	376.9
115°	432.1	433.0	433.9	434.8	435.4	435.9	436.4	436.8	437.2	437.0	436.8
117.5°	493.3	493.7	494.0	494.5	494.8	495.2	495.7	496.0	496.5	496.6	496.8
120°	532.4	533.5	534.6	535.7	536.4	536.6	536.8	537.1	537.3	537.3	537.3
122.5°	573.3	573.7	574.1	574.5	575.0	575.6	576.2	576.7	577.3	577.1	577.0
125°	630.7	632.0	633.4	634.6	635.4	635.7	635.8	636.1	636.4	635.8	635.4
127.5°	690.1	690.9	691.6	692.4	692.9	693.2	693.4	693.7	694.0	693.7	693.5
130°	726.5	727.6	728.8	729.8	730.6	731.1	731.5	731.9	732.4	732.2	731.9
132.5°	763.2	765.1	766.9	768.7	769.6	769.5	769.4	769.3	769.2	769.0	768.8
135°	819.8	821.1	822.4	823.8	824.6	824.8	825.0	825.2	825.4	825.4	825.4
137.5°	873.3	874.6	875.9	877.2	878.1	878.6	879.1	879.6	880.0	880.3	880.6
140°	907.6	908.7	909.8	910.9	911.8	912.5	913.2	913.8	914.5	914.9	915.3
142.5°	941.8	942.8	943.7	944.6	945.6	946.3	947.2	948.0	948.9	949.2	949.4
145°	992.4	993.3	994.2	995.1	995.8	996.5	997.2	997.8	998.5	998.5	998.5
147.5°	1038.8	1039.3	1039.8	1040.3	1040.8	1041.4	1041.9	1042.4	1042.9	1043.4	1044.0
150°	1069.4	1069.1	1068.9	1068.7	1069.0	1069.9	1070.7	1071.7	1072.5	1072.5	1072.5
152.5°	1095.5	1095.8	1096.1	1096.4	1096.7	1097.1	1097.4	1097.9	1098.2	1098.7	1099.2
155°	1134.6	1134.6	1134.6	1134.6	1134.7	1135.0	1135.1	1135.4	1135.6	1136.5	1137.4
157.5°	1169.3	1168.8	1168.4	1167.9	1167.7	1167.9	1168.2	1168.4	1168.6	1169.5	1170.4
160°	1190.0	1189.3	1188.6	1187.9	1187.7	1187.9	1188.2	1188.4	1188.6	1189.5	1190.4
162.5°	1208.6	1208.1	1207.6	1207.0	1206.9	1206.9	1206.9	1206.9	1207.0	1208.1	1209.2
165°	1233.2	1232.8	1232.3	1231.8	1231.7	1232.0	1232.2	1232.4	1232.6	1233.6	1234.4
167.5°	1253.5	1252.7	1251.8	1250.9	1250.4	1250.4	1250.4	1250.4	1250.4	1251.8	1253.1
170°	1264.8	1263.9	1263.0	1262.1	1261.6	1261.6	1261.6	1261.6	1261.6	1263.0	1264.3
172.5°	1272.8	1271.9	1271.0	1270.1	1269.6	1269.6	1269.6	1269.6	1269.6	1271.0	1272.3
175°	1281.8	1280.9	1280.0	1279.1	1278.7	1278.7	1278.7	1278.7	1278.7	1280.0	1281.3
177.5°	1286.6	1285.8	1285.1	1284.4	1284.0	1283.8	1283.7	1283.4	1283.2	1284.4	1285.4
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6



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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°	7.4	7.7	7.6	7.6	7.7	8.0	8.3
90°	19.4	20.5	21.4	22.0	22.6	23.3	24.0
92.5°	42.8	44.3	45.3	45.7	46.2	46.8	47.2
95°	81.7	83.3	84.3	84.7	85.2	85.6	86.0
97.5°	127.1	128.5	129.4	129.7	129.9	130.2	130.4
100°	159.1	161.1	162.3	162.7	163.2	163.7	164.1
102.5°	191.7	193.8	195.2	195.9	196.5	197.1	197.7
105°	243.1	244.4	245.5	246.2	246.8	247.5	248.1
107.5°	298.9	299.6	300.0	299.9	299.9	299.8	299.7
110°	338.2	338.8	339.1	338.8	338.6	338.4	338.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	377.1	377.5	377.4	377.0	376.6	376.2	375.8
115°	436.5	436.4	436.1	435.9	435.7	435.4	435.2
117.5°	497.0	497.1	496.8	495.9	495.1	494.1	493.3
120°	537.3	537.3	536.8	536.0	535.0	534.2	533.3
122.5°	576.8	576.6	576.2	575.4	574.7	574.0	573.3
125°	635.0	634.6	634.2	634.0	633.8	633.5	633.4
127.5°	693.3	693.1	692.8	692.3	691.8	691.4	691.0
130°	731.7	731.5	731.2	730.7	730.3	729.8	729.4
132.5°	768.5	768.3	767.9	767.2	766.6	766.0	765.4
135°	825.4	825.4	825.0	824.1	823.2	822.3	821.4
137.5°	880.9	881.1	880.7	879.6	878.5	877.4	876.2
140°	915.8	916.3	915.9	914.8	913.7	912.6	911.5
142.5°	949.7	949.9	949.5	948.4	947.4	946.2	945.1
145°	998.5	998.5	998.2	997.6	996.9	996.2	995.5
147.5°	1044.6	1045.1	1044.6	1043.1	1041.6	1040.1	1038.5
150°	1072.5	1072.5	1072.4	1071.9	1071.4	1071.0	1070.6
152.5°	1099.8	1100.3	1100.2	1099.4	1098.5	1097.8	1097.0
155°	1138.2	1139.2	1139.0	1137.9	1136.8	1135.7	1134.6
157.5°	1171.3	1172.2	1171.9	1170.4	1169.0	1167.5	1166.1
160°	1191.3	1192.1	1192.1	1190.9	1189.8	1188.7	1187.7
162.5°	1210.2	1211.3	1211.2	1209.9	1208.6	1207.3	1206.0
165°	1235.3	1236.2	1236.0	1234.7	1233.3	1232.0	1230.6
167.5°	1254.5	1255.8	1255.8	1254.4	1253.0	1251.6	1250.3
170°	1265.7	1267.0	1266.9	1265.3	1263.8	1262.2	1260.7
172.5°	1273.7	1275.0	1275.0	1273.6	1272.2	1270.8	1269.5
175°	1282.6	1284.0	1283.9	1282.4	1280.8	1279.2	1277.6
177.5°	1286.5	1287.5	1287.5	1286.2	1285.0	1283.8	1282.5
180°	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6	1285.6

(END OF REPORT)