

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: P333492-935

Luminaire Tested: **S125RDIP-S375D365U935-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333492-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-S375D365U935-4F0-1E-UDD-A4  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2388.3 lumens  
Efficiency: N/A  
Efficacy: 117.6 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

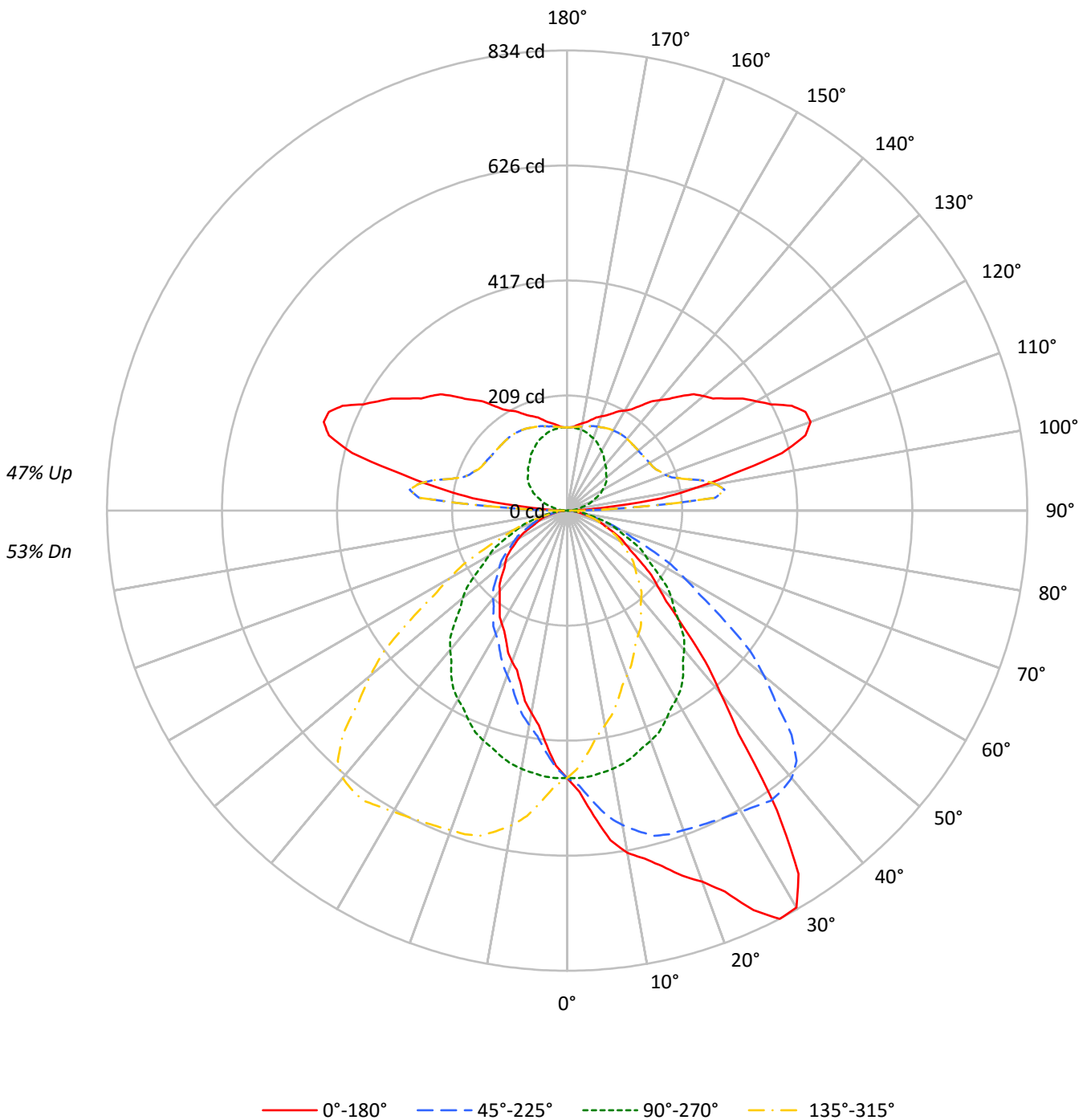
Input Watts (W): 20.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59	53
1	99	95	91	88	91	88	85	82	75	73	71	63	62	60	52	51	50	45
2	90	83	77	72	83	77	72	68	66	62	59	56	53	51	47	45	43	39
3	83	73	66	61	76	68	62	57	59	54	50	50	46	43	42	39	37	33
4	76	65	57	52	70	61	54	49	52	47	43	45	41	38	37	35	32	29
5	70	58	50	44	64	54	47	42	47	42	37	40	36	33	34	31	28	25
6	64	52	44	39	59	49	42	37	42	37	33	36	32	29	31	28	25	22
7	59	47	39	34	55	44	37	32	39	33	29	33	29	26	28	25	22	20
8	55	43	35	30	51	40	33	29	35	30	26	30	26	23	26	22	20	18
9	51	39	32	27	48	37	30	26	32	27	23	28	24	21	24	21	18	16
10	48	36	29	24	45	34	27	23	30	24	21	26	22	19	22	19	16	14

**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	1.9
10°-20°	136.2	5.7
20°-30°	215.9	9.0
30°-40°	260.4	10.9
40°-50°	232.6	9.7
50°-60°	178.3	7.5
60°-70°	115.9	4.9
70°-80°	56.3	2.4
80°-90°	14.3	0.6
90°-100°	109.4	4.6
100°-110°	235.2	9.8
110°-120°	220.7	9.2
120°-130°	178.9	7.5
130°-140°	143.5	6.0
140°-150°	108.3	4.5
150°-160°	76.2	3.2
160°-170°	44.9	1.9
170°-180°	14.6	0.6
0°-30°	398.6	16.7
0°-40°	659.0	27.6
0°-60°	1069.9	44.8
0°-90°	1256.4	52.6
90°-120°	565.3	23.7
90°-150°	996.0	41.7
90°-180°	1132.0	47.4
0°-180°	2388.3	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°	7	0	7	0	7	5
95°	72	10	72	10	72	101
105°	403	34	403	34	403	401
115°	449	62	449	62	449	439
125°	354	85	354	85	354	320
135°	294	100	294	100	294	228
145°	232	116	232	116	232	147
155°	194	133	194	133	194	91
165°	170	145	170	145	170	49
175°	153	151	153	151	153	15
180°	151	151	151	151	151	



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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°	4.9	4.7	4.6	4.6	4.6	4.9	4.6	4.5	4.4	4.3	4.4
90°	7.0	7.0	6.7	6.7	6.7	6.1	5.8	5.5	5.2	4.9	4.2
92.5°	19.4	19.9	20.3	21.1	25.0	29.4	39.1	53.9	79.4	98.1	99.7
95°	71.5	76.4	78.8	87.9	109.5	135.1	172.5	218.8	263.8	269.6	220.0
97.5°	172.8	176.8	185.5	202.6	221.4	256.9	293.4	325.8	333.8	287.9	196.5
100°	237.4	242.2	253.5	275.3	296.4	328.0	359.4	374.3	350.9	274.7	175.3
102.5°	309.4	313.1	325.3	340.9	363.3	384.8	399.8	390.5	340.6	251.7	159.2
105°	403.2	406.8	412.9	422.9	432.7	436.0	422.7	381.0	308.0	220.6	143.6
107.5°	453.0	455.4	457.4	457.4	452.5	436.6	402.3	346.6	274.6	199.2	137.1
110°	469.5	469.5	467.4	461.6	447.9	422.1	379.2	321.3	255.6	189.2	135.1



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	467.6	465.4	460.1	450.1	430.2	399.7	356.3	301.4	241.5	183.4	135.1
115°	449.1	445.1	436.6	422.1	398.3	365.2	323.5	276.3	226.1	177.1	136.0
117.5°	416.8	414.4	406.0	390.8	367.1	336.7	300.7	260.1	216.9	174.0	138.0
120°	395.9	393.5	385.2	370.7	348.1	321.3	287.8	251.3	211.8	172.5	140.0
122.5°	377.4	375.2	367.0	353.6	333.5	308.4	278.6	244.8	207.4	171.3	141.6
125°	353.9	350.9	344.1	331.7	314.6	292.7	266.2	235.2	201.5	169.8	144.6
127.5°	333.8	332.4	326.1	315.1	299.6	279.1	254.4	225.5	196.0	169.1	147.7
130°	322.9	321.1	315.0	304.9	289.7	269.9	246.2	219.4	192.3	168.6	149.7
132.5°	311.9	309.8	304.2	294.2	279.0	259.9	238.4	213.3	189.4	168.6	151.9
135°	293.9	292.1	286.6	276.6	263.2	245.9	226.4	205.4	185.9	168.6	154.9
137.5°	274.7	272.8	267.7	258.6	246.6	231.9	215.7	198.7	182.8	168.9	157.6
140°	261.4	259.8	255.3	247.4	236.1	223.3	209.3	195.0	181.3	169.2	158.9
142.5°	249.0	247.7	243.4	236.7	227.1	216.0	204.0	191.9	180.1	169.4	159.5
145°	231.9	230.7	227.3	222.1	214.8	206.6	197.2	187.8	178.3	169.2	160.3
147.5°	217.4	216.8	214.9	210.8	205.0	198.8	191.5	183.8	176.4	168.4	160.7
150°	209.3	209.1	207.8	204.1	199.6	194.2	188.4	181.7	175.0	167.6	160.7
152.5°	203.0	202.7	201.5	198.5	194.8	190.5	185.2	179.3	173.2	166.7	160.4
155°	194.4	194.2	193.2	191.1	188.0	184.7	180.5	175.6	170.4	165.0	159.7
157.5°	186.8	186.8	186.0	184.3	181.8	179.3	175.9	171.9	167.7	163.1	158.9
160°	181.7	181.9	181.3	179.9	177.7	175.6	172.5	169.5	165.6	161.9	158.3
162.5°	177.0	177.1	176.9	175.7	174.1	172.2	169.6	166.8	163.6	160.4	157.5
165°	170.4	170.4	170.4	169.8	168.6	167.0	165.2	163.1	160.7	158.3	156.4
167.5°	164.3	164.4	164.6	164.1	163.5	162.4	161.0	159.5	157.8	156.1	154.7
170°	160.7	161.0	161.0	160.7	160.1	159.5	158.5	157.6	156.1	154.9	153.9
172.5°	157.2	157.6	158.1	157.5	157.4	157.0	156.4	155.4	154.4	153.4	153.0
175°	153.1	153.3	153.9	153.7	153.7	153.7	153.1	153.1	152.1	151.9	151.9
177.5°	150.9	150.9	151.6	151.4	151.6	151.6	151.6	151.4	151.2	150.9	150.9
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9



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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°	4.5	4.3	4.4	4.3	4.0	4.7	5.1	5.2	4.9	4.7	4.5
90°	4.0	3.4	3.0	2.4	1.8	1.2	0.6	0.3	0.6	1.2	1.8
92.5°	69.4	41.6	25.0	16.1	10.8	7.1	4.5	3.7	4.5	7.1	10.8
95°	136.0	69.1	36.5	22.8	16.1	12.7	10.3	10.1	10.3	12.7	16.1
97.5°	108.6	59.5	38.0	28.2	22.1	18.8	17.0	16.7	17.0	18.8	22.1
100°	98.6	59.1	41.4	32.3	26.4	23.2	21.9	21.3	21.9	23.2	26.4
102.5°	94.5	61.2	45.5	36.7	31.3	27.7	26.8	26.4	26.8	27.7	31.3
105°	92.8	65.7	52.3	43.8	38.9	35.9	34.4	34.4	34.4	35.9	38.9
107.5°	95.6	72.4	59.5	51.8	46.8	44.3	42.8	42.2	42.8	44.3	46.8
110°	98.3	77.3	64.8	56.9	52.3	49.6	48.4	47.8	48.4	49.6	52.3





TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	101.7	81.9	69.9	62.3	57.7	54.9	54.0	53.4	54.0	54.9	57.7
115°	106.8	89.2	77.9	70.3	65.7	63.0	62.1	61.5	62.1	63.0	65.7
117.5°	112.6	96.6	85.9	78.6	73.4	70.7	69.7	68.8	69.7	70.7	73.4
120°	116.6	101.9	91.3	83.7	78.5	75.8	74.6	73.6	74.6	75.8	78.5
122.5°	120.9	107.0	96.4	88.8	83.2	80.4	79.4	78.8	79.4	80.4	83.2
125°	126.9	113.8	103.8	95.8	90.1	87.3	85.8	85.2	85.8	87.3	90.1
127.5°	132.3	120.3	110.6	102.7	96.6	93.1	91.2	90.2	91.2	93.1	96.6
130°	136.0	124.4	115.0	107.1	100.7	96.8	94.4	93.4	94.4	96.8	100.7
132.5°	139.2	128.4	118.9	111.0	104.4	100.0	97.0	95.8	97.0	100.0	104.4
135°	143.6	133.5	124.2	116.0	109.5	104.7	101.0	99.8	101.0	104.7	109.5
137.5°	146.9	137.3	128.7	120.3	114.0	109.1	105.7	104.8	105.7	109.1	114.0
140°	149.1	140.0	131.1	123.0	117.2	112.3	108.7	107.7	108.7	112.3	117.2
142.5°	150.3	141.6	133.4	125.6	120.1	115.2	111.8	111.2	111.8	115.2	120.1
145°	152.1	144.6	136.6	129.7	124.2	119.9	116.8	116.2	116.8	119.9	124.2
147.5°	153.3	146.4	139.4	133.3	128.5	124.6	121.9	121.6	121.9	124.6	128.5
150°	153.9	147.6	140.9	135.7	131.5	127.5	125.4	124.8	125.4	127.5	131.5
152.5°	154.5	148.8	142.6	137.9	133.9	130.4	128.5	128.2	128.5	130.4	133.9
155°	154.9	150.0	144.8	140.6	137.5	134.5	132.7	132.7	132.7	134.5	137.5
157.5°	155.2	151.0	146.6	143.4	140.7	138.1	136.6	136.7	136.6	138.1	140.7
160°	155.2	151.5	147.6	144.8	142.4	140.3	139.1	139.4	139.1	140.3	142.4
162.5°	155.0	152.1	148.5	146.3	144.4	142.5	141.3	141.5	141.3	142.5	144.4
165°	154.5	152.1	149.7	147.9	146.6	145.2	144.2	144.8	144.2	145.2	146.6
167.5°	153.9	152.1	150.2	149.0	148.1	147.3	146.7	147.1	146.7	147.3	148.1
170°	153.3	152.1	150.6	149.7	149.1	148.5	148.2	148.5	148.2	148.5	149.1
172.5°	152.9	151.9	150.6	150.2	149.8	149.2	149.0	149.5	149.0	149.2	149.8
175°	152.1	151.5	150.6	150.6	150.6	150.3	150.0	150.6	150.0	150.3	150.6
177.5°	151.4	151.2	150.7	150.7	150.9	150.7	150.7	151.2	150.7	150.7	150.9
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**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°	4.5	4.6	4.5	4.9	4.5	4.8	4.8	4.7	4.8	4.9	4.8
90°	2.4	3.0	3.4	4.0	4.2	4.9	5.2	5.5	5.8	6.1	6.7
92.5°	16.1	25.0	41.6	69.4	99.7	98.1	79.4	53.9	39.1	29.4	25.0
95°	22.8	36.5	69.1	136.0	220.0	269.6	263.8	218.8	172.5	135.1	109.5
97.5°	28.2	38.0	59.5	108.6	196.5	287.9	333.8	325.8	293.4	256.9	221.4
100°	32.3	41.4	59.1	98.6	175.3	274.7	350.9	374.3	359.4	328.0	296.4
102.5°	36.7	45.5	61.2	94.5	159.2	251.7	340.6	390.5	399.8	384.8	363.3
105°	43.8	52.3	65.7	92.8	143.6	220.6	308.0	381.0	422.7	436.0	432.7
107.5°	51.8	59.5	72.4	95.6	137.1	199.2	274.6	346.6	402.3	436.6	452.5
110°	56.9	64.8	77.3	98.3	135.1	189.2	255.6	321.3	379.2	422.1	447.9



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	62.3	69.9	81.9	101.7	135.1	183.4	241.5	301.4	356.3	399.7	430.2
115°	70.3	77.9	89.2	106.8	136.0	177.1	226.1	276.3	323.5	365.2	398.3
117.5°	78.6	85.9	96.6	112.6	138.0	174.0	216.9	260.1	300.7	336.7	367.1
120°	83.7	91.3	101.9	116.6	140.0	172.5	211.8	251.3	287.8	321.3	348.1
122.5°	88.8	96.4	107.0	120.9	141.6	171.3	207.4	244.8	278.6	308.4	333.5
125°	95.8	103.8	113.8	126.9	144.6	169.8	201.5	235.2	266.2	292.7	314.6
127.5°	102.7	110.6	120.3	132.3	147.7	169.1	196.0	225.5	254.4	279.1	299.6
130°	107.1	115.0	124.4	136.0	149.7	168.6	192.3	219.4	246.2	269.9	289.7
132.5°	111.0	118.9	128.4	139.2	151.9	168.6	189.4	213.3	238.4	259.9	279.0
135°	116.0	124.2	133.5	143.6	154.9	168.6	185.9	205.4	226.4	245.9	263.2
137.5°	120.3	128.7	137.3	146.9	157.6	168.9	182.8	198.7	215.7	231.9	246.6
140°	123.0	131.1	140.0	149.1	158.9	169.2	181.3	195.0	209.3	223.3	236.1
142.5°	125.6	133.4	141.6	150.3	159.5	169.4	180.1	191.9	204.0	216.0	227.1
145°	129.7	136.6	144.6	152.1	160.3	169.2	178.3	187.8	197.2	206.6	214.8
147.5°	133.3	139.4	146.4	153.3	160.7	168.4	176.4	183.8	191.5	198.8	205.0
150°	135.7	140.9	147.6	153.9	160.7	167.6	175.0	181.7	188.4	194.2	199.6
152.5°	137.9	142.6	148.8	154.5	160.4	166.7	173.2	179.3	185.2	190.5	194.8
155°	140.6	144.8	150.0	154.9	159.7	165.0	170.4	175.6	180.5	184.7	188.0
157.5°	143.4	146.6	151.0	155.2	158.9	163.1	167.7	171.9	175.9	179.3	181.8
160°	144.8	147.6	151.5	155.2	158.3	161.9	165.6	169.5	172.5	175.6	177.7
162.5°	146.3	148.5	152.1	155.0	157.5	160.4	163.6	166.8	169.6	172.2	174.1
165°	147.9	149.7	152.1	154.5	156.4	158.3	160.7	163.1	165.2	167.0	168.6
167.5°	149.0	150.2	152.1	153.9	154.7	156.1	157.8	159.5	161.0	162.4	163.5
170°	149.7	150.6	152.1	153.3	153.9	154.9	156.1	157.6	158.5	159.5	160.1
172.5°	150.2	150.6	151.9	152.9	153.0	153.4	154.4	155.4	156.4	157.0	157.4
175°	150.6	150.6	151.5	152.1	151.9	151.9	152.1	153.1	153.1	153.7	153.7
177.5°	150.7	150.7	151.2	151.4	150.9	150.9	151.2	151.4	151.6	151.6	151.6
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**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°	5.0	4.8	4.9	4.9	4.9	4.8	5.0	4.8	4.9	4.8	4.7
90°	6.7	6.7	7.0	7.0	7.0	6.7	6.7	6.7	6.1	5.8	5.5
92.5°	21.1	20.3	19.9	19.4	19.9	20.3	21.1	25.0	29.4	39.1	53.9
95°	87.9	78.8	76.4	71.5	76.4	78.8	87.9	109.5	135.1	172.5	218.8
97.5°	202.6	185.5	176.8	172.8	176.8	185.5	202.6	221.4	256.9	293.4	325.8
100°	275.3	253.5	242.2	237.4	242.2	253.5	275.3	296.4	328.0	359.4	374.3
102.5°	340.9	325.3	313.1	309.4	313.1	325.3	340.9	363.3	384.8	399.8	390.5
105°	422.9	412.9	406.8	403.2	406.8	412.9	422.9	432.7	436.0	422.7	381.0
107.5°	457.4	457.4	455.4	453.0	455.4	457.4	457.4	452.5	436.6	402.3	346.6
110°	461.6	467.4	469.5	469.5	469.5	467.4	461.6	447.9	422.1	379.2	321.3



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	450.1	460.1	465.4	467.6	465.4	460.1	450.1	430.2	399.7	356.3	301.4
115°	422.1	436.6	445.1	449.1	445.1	436.6	422.1	398.3	365.2	323.5	276.3
117.5°	390.8	406.0	414.4	416.8	414.4	406.0	390.8	367.1	336.7	300.7	260.1
120°	370.7	385.2	393.5	395.9	393.5	385.2	370.7	348.1	321.3	287.8	251.3
122.5°	353.6	367.0	375.2	377.4	375.2	367.0	353.6	333.5	308.4	278.6	244.8
125°	331.7	344.1	350.9	353.9	350.9	344.1	331.7	314.6	292.7	266.2	235.2
127.5°	315.1	326.1	332.4	333.8	332.4	326.1	315.1	299.6	279.1	254.4	225.5
130°	304.9	315.0	321.1	322.9	321.1	315.0	304.9	289.7	269.9	246.2	219.4
132.5°	294.2	304.2	309.8	311.9	309.8	304.2	294.2	279.0	259.9	238.4	213.3
135°	276.6	286.6	292.1	293.9	292.1	286.6	276.6	263.2	245.9	226.4	205.4
137.5°	258.6	267.7	272.8	274.7	272.8	267.7	258.6	246.6	231.9	215.7	198.7
140°	247.4	255.3	259.8	261.4	259.8	255.3	247.4	236.1	223.3	209.3	195.0
142.5°	236.7	243.4	247.7	249.0	247.7	243.4	236.7	227.1	216.0	204.0	191.9
145°	222.1	227.3	230.7	231.9	230.7	227.3	222.1	214.8	206.6	197.2	187.8
147.5°	210.8	214.9	216.8	217.4	216.8	214.9	210.8	205.0	198.8	191.5	183.8
150°	204.1	207.8	209.1	209.3	209.1	207.8	204.1	199.6	194.2	188.4	181.7
152.5°	198.5	201.5	202.7	203.0	202.7	201.5	198.5	194.8	190.5	185.2	179.3
155°	191.1	193.2	194.2	194.4	194.2	193.2	191.1	188.0	184.7	180.5	175.6
157.5°	184.3	186.0	186.8	186.8	186.8	186.0	184.3	181.8	179.3	175.9	171.9
160°	179.9	181.3	181.9	181.7	181.9	181.3	179.9	177.7	175.6	172.5	169.5
162.5°	175.7	176.9	177.1	177.0	177.1	176.9	175.7	174.1	172.2	169.6	166.8
165°	169.8	170.4	170.4	170.4	170.4	170.4	169.8	168.6	167.0	165.2	163.1
167.5°	164.1	164.6	164.4	164.3	164.4	164.6	164.1	163.5	162.4	161.0	159.5
170°	160.7	161.0	161.0	160.7	161.0	161.0	160.7	160.1	159.5	158.5	157.6
172.5°	157.5	158.1	157.6	157.2	157.6	158.1	157.5	157.4	157.0	156.4	155.4
175°	153.7	153.9	153.3	153.1	153.3	153.9	153.7	153.7	153.7	153.1	153.1
177.5°	151.4	151.6	150.9	150.9	150.9	151.6	151.4	151.6	151.6	151.6	151.4
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**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°	4.8	4.8	4.5	4.9	4.5	4.6	4.5	4.5	4.7	4.9	5.2
90°	5.2	4.9	4.2	4.0	3.4	3.0	2.4	1.8	1.2	0.6	0.3
92.5°	79.4	98.1	99.7	69.4	41.6	25.0	16.1	10.8	7.1	4.5	3.7
95°	263.8	269.6	220.0	136.0	69.1	36.5	22.8	16.1	12.7	10.3	10.1
97.5°	333.8	287.9	196.5	108.6	59.5	38.0	28.2	22.1	18.8	17.0	16.7
100°	350.9	274.7	175.3	98.6	59.1	41.4	32.3	26.4	23.2	21.9	21.3
102.5°	340.6	251.7	159.2	94.5	61.2	45.5	36.7	31.3	27.7	26.8	26.4
105°	308.0	220.6	143.6	92.8	65.7	52.3	43.8	38.9	35.9	34.4	34.4
107.5°	274.6	199.2	137.1	95.6	72.4	59.5	51.8	46.8	44.3	42.8	42.2
110°	255.6	189.2	135.1	98.3	77.3	64.8	56.9	52.3	49.6	48.4	47.8



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	241.5	183.4	135.1	101.7	81.9	69.9	62.3	57.7	54.9	54.0	53.4
115°	226.1	177.1	136.0	106.8	89.2	77.9	70.3	65.7	63.0	62.1	61.5
117.5°	216.9	174.0	138.0	112.6	96.6	85.9	78.6	73.4	70.7	69.7	68.8
120°	211.8	172.5	140.0	116.6	101.9	91.3	83.7	78.5	75.8	74.6	73.6
122.5°	207.4	171.3	141.6	120.9	107.0	96.4	88.8	83.2	80.4	79.4	78.8
125°	201.5	169.8	144.6	126.9	113.8	103.8	95.8	90.1	87.3	85.8	85.2
127.5°	196.0	169.1	147.7	132.3	120.3	110.6	102.7	96.6	93.1	91.2	90.2
130°	192.3	168.6	149.7	136.0	124.4	115.0	107.1	100.7	96.8	94.4	93.4
132.5°	189.4	168.6	151.9	139.2	128.4	118.9	111.0	104.4	100.0	97.0	95.8
135°	185.9	168.6	154.9	143.6	133.5	124.2	116.0	109.5	104.7	101.0	99.8
137.5°	182.8	168.9	157.6	146.9	137.3	128.7	120.3	114.0	109.1	105.7	104.8
140°	181.3	169.2	158.9	149.1	140.0	131.1	123.0	117.2	112.3	108.7	107.7
142.5°	180.1	169.4	159.5	150.3	141.6	133.4	125.6	120.1	115.2	111.8	111.2
145°	178.3	169.2	160.3	152.1	144.6	136.6	129.7	124.2	119.9	116.8	116.2
147.5°	176.4	168.4	160.7	153.3	146.4	139.4	133.3	128.5	124.6	121.9	121.6
150°	175.0	167.6	160.7	153.9	147.6	140.9	135.7	131.5	127.5	125.4	124.8
152.5°	173.2	166.7	160.4	154.5	148.8	142.6	137.9	133.9	130.4	128.5	128.2
155°	170.4	165.0	159.7	154.9	150.0	144.8	140.6	137.5	134.5	132.7	132.7
157.5°	167.7	163.1	158.9	155.2	151.0	146.6	143.4	140.7	138.1	136.6	136.7
160°	165.6	161.9	158.3	155.2	151.5	147.6	144.8	142.4	140.3	139.1	139.4
162.5°	163.6	160.4	157.5	155.0	152.1	148.5	146.3	144.4	142.5	141.3	141.5
165°	160.7	158.3	156.4	154.5	152.1	149.7	147.9	146.6	145.2	144.2	144.8
167.5°	157.8	156.1	154.7	153.9	152.1	150.2	149.0	148.1	147.3	146.7	147.1
170°	156.1	154.9	153.9	153.3	152.1	150.6	149.7	149.1	148.5	148.2	148.5
172.5°	154.4	153.4	153.0	152.9	151.9	150.6	150.2	149.8	149.2	149.0	149.5
175°	152.1	151.9	151.9	152.1	151.5	150.6	150.6	150.6	150.3	150.0	150.6
177.5°	151.2	150.9	150.9	151.4	151.2	150.7	150.7	150.9	150.7	150.7	151.2
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9



TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**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°	5.1	4.7	4.0	4.3	4.4	4.3	4.5	4.4	4.3	4.4	4.5
90°	0.6	1.2	1.8	2.4	3.0	3.4	4.0	4.2	4.9	5.2	5.5
92.5°	4.5	7.1	10.8	16.1	25.0	41.6	69.4	99.7	98.1	79.4	53.9
95°	10.3	12.7	16.1	22.8	36.5	69.1	136.0	220.0	269.6	263.8	218.8
97.5°	17.0	18.8	22.1	28.2	38.0	59.5	108.6	196.5	287.9	333.8	325.8
100°	21.9	23.2	26.4	32.3	41.4	59.1	98.6	175.3	274.7	350.9	374.3
102.5°	26.8	27.7	31.3	36.7	45.5	61.2	94.5	159.2	251.7	340.6	390.5
105°	34.4	35.9	38.9	43.8	52.3	65.7	92.8	143.6	220.6	308.0	381.0
107.5°	42.8	44.3	46.8	51.8	59.5	72.4	95.6	137.1	199.2	274.6	346.6
110°	48.4	49.6	52.3	56.9	64.8	77.3	98.3	135.1	189.2	255.6	321.3





TEST NUMBER: P333492-935

CATALOG NUMBER: S125RDIP-S375D365U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	54.0	54.9	57.7	62.3	69.9	81.9	101.7	135.1	183.4	241.5	301.4
115°	62.1	63.0	65.7	70.3	77.9	89.2	106.8	136.0	177.1	226.1	276.3
117.5°	69.7	70.7	73.4	78.6	85.9	96.6	112.6	138.0	174.0	216.9	260.1
120°	74.6	75.8	78.5	83.7	91.3	101.9	116.6	140.0	172.5	211.8	251.3
122.5°	79.4	80.4	83.2	88.8	96.4	107.0	120.9	141.6	171.3	207.4	244.8
125°	85.8	87.3	90.1	95.8	103.8	113.8	126.9	144.6	169.8	201.5	235.2
127.5°	91.2	93.1	96.6	102.7	110.6	120.3	132.3	147.7	169.1	196.0	225.5
130°	94.4	96.8	100.7	107.1	115.0	124.4	136.0	149.7	168.6	192.3	219.4
132.5°	97.0	100.0	104.4	111.0	118.9	128.4	139.2	151.9	168.6	189.4	213.3
135°	101.0	104.7	109.5	116.0	124.2	133.5	143.6	154.9	168.6	185.9	205.4
137.5°	105.7	109.1	114.0	120.3	128.7	137.3	146.9	157.6	168.9	182.8	198.7
140°	108.7	112.3	117.2	123.0	131.1	140.0	149.1	158.9	169.2	181.3	195.0
142.5°	111.8	115.2	120.1	125.6	133.4	141.6	150.3	159.5	169.4	180.1	191.9
145°	116.8	119.9	124.2	129.7	136.6	144.6	152.1	160.3	169.2	178.3	187.8
147.5°	121.9	124.6	128.5	133.3	139.4	146.4	153.3	160.7	168.4	176.4	183.8
150°	125.4	127.5	131.5	135.7	140.9	147.6	153.9	160.7	167.6	175.0	181.7
152.5°	128.5	130.4	133.9	137.9	142.6	148.8	154.5	160.4	166.7	173.2	179.3
155°	132.7	134.5	137.5	140.6	144.8	150.0	154.9	159.7	165.0	170.4	175.6
157.5°	136.6	138.1	140.7	143.4	146.6	151.0	155.2	158.9	163.1	167.7	171.9
160°	139.1	140.3	142.4	144.8	147.6	151.5	155.2	158.3	161.9	165.6	169.5
162.5°	141.3	142.5	144.4	146.3	148.5	152.1	155.0	157.5	160.4	163.6	166.8
165°	144.2	145.2	146.6	147.9	149.7	152.1	154.5	156.4	158.3	160.7	163.1
167.5°	146.7	147.3	148.1	149.0	150.2	152.1	153.9	154.7	156.1	157.8	159.5
170°	148.2	148.5	149.1	149.7	150.6	152.1	153.3	153.9	154.9	156.1	157.6
172.5°	149.0	149.2	149.8	150.2	150.6	151.9	152.9	153.0	153.4	154.4	155.4
175°	150.0	150.3	150.6	150.6	150.6	151.5	152.1	151.9	151.9	152.1	153.1
177.5°	150.7	150.7	150.9	150.7	150.7	151.2	151.4	150.9	150.9	151.2	151.4
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9	150.9



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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°	4.6	4.9	4.6	4.6	4.6	4.7	4.9
90°	5.8	6.1	6.7	6.7	6.7	7.0	7.0
92.5°	39.1	29.4	25.0	21.1	20.3	19.9	19.4
95°	172.5	135.1	109.5	87.9	78.8	76.4	71.5
97.5°	293.4	256.9	221.4	202.6	185.5	176.8	172.8
100°	359.4	328.0	296.4	275.3	253.5	242.2	237.4
102.5°	399.8	384.8	363.3	340.9	325.3	313.1	309.4
105°	422.7	436.0	432.7	422.9	412.9	406.8	403.2
107.5°	402.3	436.6	452.5	457.4	457.4	455.4	453.0
110°	379.2	422.1	447.9	461.6	467.4	469.5	469.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	356.3	399.7	430.2	450.1	460.1	465.4	467.6
115°	323.5	365.2	398.3	422.1	436.6	445.1	449.1
117.5°	300.7	336.7	367.1	390.8	406.0	414.4	416.8
120°	287.8	321.3	348.1	370.7	385.2	393.5	395.9
122.5°	278.6	308.4	333.5	353.6	367.0	375.2	377.4
125°	266.2	292.7	314.6	331.7	344.1	350.9	353.9
127.5°	254.4	279.1	299.6	315.1	326.1	332.4	333.8
130°	246.2	269.9	289.7	304.9	315.0	321.1	322.9
132.5°	238.4	259.9	279.0	294.2	304.2	309.8	311.9
135°	226.4	245.9	263.2	276.6	286.6	292.1	293.9
137.5°	215.7	231.9	246.6	258.6	267.7	272.8	274.7
140°	209.3	223.3	236.1	247.4	255.3	259.8	261.4
142.5°	204.0	216.0	227.1	236.7	243.4	247.7	249.0
145°	197.2	206.6	214.8	222.1	227.3	230.7	231.9
147.5°	191.5	198.8	205.0	210.8	214.9	216.8	217.4
150°	188.4	194.2	199.6	204.1	207.8	209.1	209.3
152.5°	185.2	190.5	194.8	198.5	201.5	202.7	203.0
155°	180.5	184.7	188.0	191.1	193.2	194.2	194.4
157.5°	175.9	179.3	181.8	184.3	186.0	186.8	186.8
160°	172.5	175.6	177.7	179.9	181.3	181.9	181.7
162.5°	169.6	172.2	174.1	175.7	176.9	177.1	177.0
165°	165.2	167.0	168.6	169.8	170.4	170.4	170.4
167.5°	161.0	162.4	163.5	164.1	164.6	164.4	164.3
170°	158.5	159.5	160.1	160.7	161.0	161.0	160.7
172.5°	156.4	157.0	157.4	157.5	158.1	157.6	157.2
175°	153.1	153.7	153.7	153.7	153.9	153.3	153.1
177.5°	151.6	151.6	151.6	151.4	151.6	150.9	150.9
180°	150.9	150.9	150.9	150.9	150.9	150.9	150.9

(END OF REPORT)