

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: P333502-935

Luminaire Tested: **S125RDIP-S375D810U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333502-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S375D810U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4046.8 lumens
Efficiency: N/A
Efficacy: 129.7 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Indirect

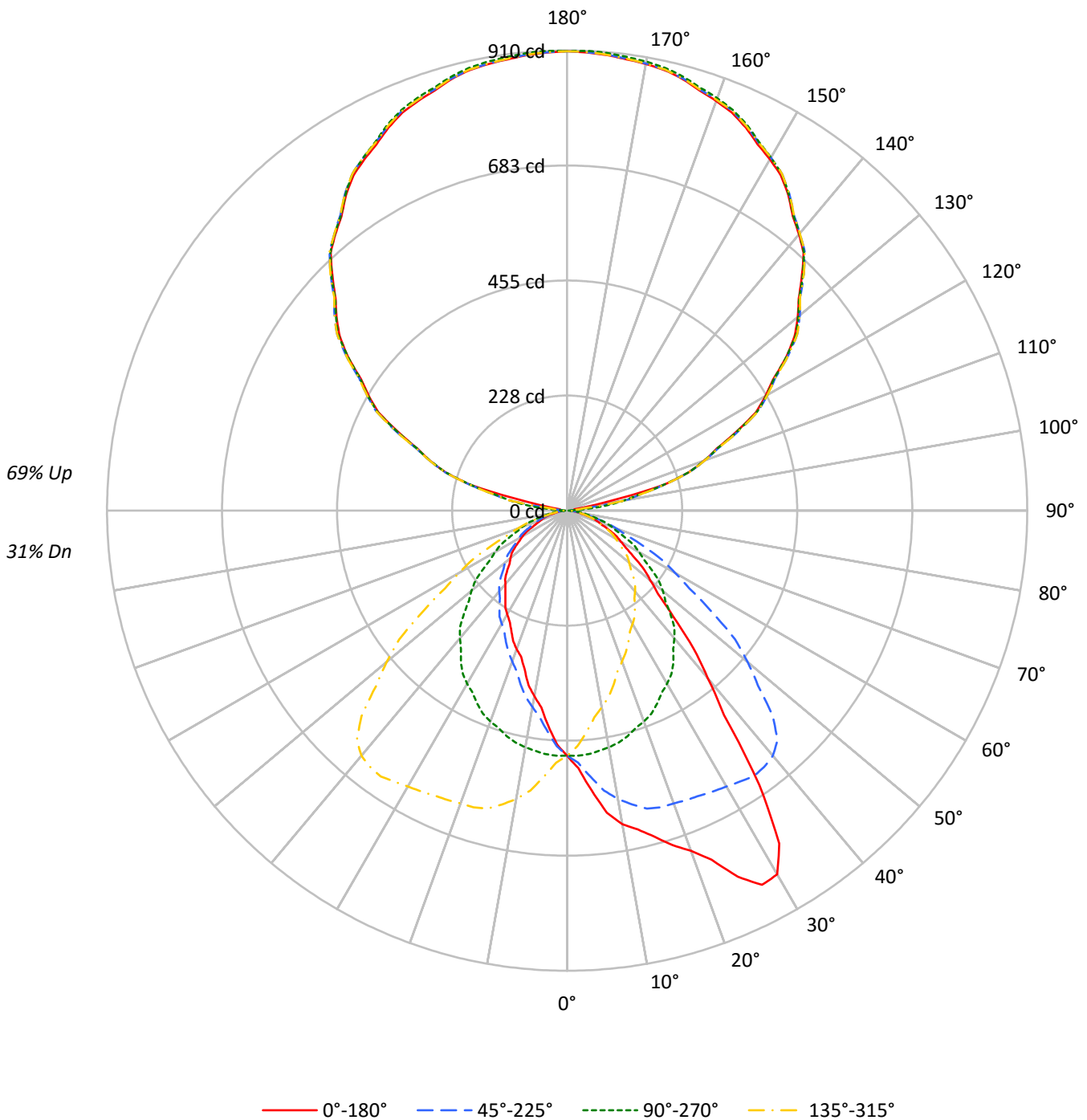
Input Watts (W): 31.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	31
1	94	90	86	83	84	81	78	75	64	62	60	49	47	46	35	34	33	27
2	86	79	73	68	77	71	66	62	56	53	50	43	41	39	31	29	28	23
3	78	69	62	57	70	63	57	52	50	46	42	38	35	33	27	26	24	20
4	72	61	54	48	64	55	49	44	44	40	36	34	31	29	25	23	21	17
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	18	15
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16	13
7	56	44	36	31	50	40	33	29	32	27	24	25	22	19	18	16	14	12
8	52	40	32	27	46	36	30	25	29	25	21	23	20	17	17	15	13	10
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	13	12	9
10	45	33	26	22	40	30	24	20	25	20	17	19	16	14	14	12	11	9

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	3.4
20°-30°	215.9	5.3
30°-40°	260.4	6.4
40°-50°	232.6	5.7
50°-60°	178.3	4.4
60°-70°	115.9	2.9
70°-80°	56.3	1.4
80°-90°	15.3	0.4
90°-100°	33.0	0.8
100°-110°	203.4	5.0
110°-120°	369.0	9.1
120°-130°	473.5	11.7
130°-140°	509.3	12.6
140°-150°	478.1	11.8
150°-160°	386.7	9.6
160°-170°	250.1	6.2
170°-180°	86.3	2.1
0°-30°	398.6	9.9
0°-40°	659.0	16.3
0°-60°	1069.9	26.4
0°-90°	1257.5	31.1
90°-120°	605.4	15.0
90°-150°	2066.3	51.1
90°-180°	2789.0	68.9
0°-180°	4046.8	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°	16	1	16	1	16	7
95°	14	38	14	38	14	12
105°	200	198	200	198	200	181
115°	369	372	369	372	369	366
125°	529	529	529	529	529	470
135°	656	659	656	659	656	507
145°	762	764	762	764	762	476
155°	836	842	836	842	836	385
165°	883	888	883	888	883	249
175°	904	908	904	908	904	86
180°	908	908	908	908	908	



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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°	6.7	6.5	6.2	6.1	6.2	6.4	6.1	5.8	5.7	5.5	5.4
90°	16.2	15.7	15.2	14.8	14.4	13.8	13.0	12.3	11.5	10.8	9.7
92.5°	15.1	14.9	14.6	14.5	14.2	13.8	13.0	12.3	11.5	10.8	9.8
95°	14.1	14.1	14.1	14.1	14.1	13.8	13.0	12.3	11.5	10.8	16.4
97.5°	14.1	14.1	14.1	14.1	14.1	16.3	20.5	24.7	28.9	33.1	44.3
100°	14.1	14.7	15.3	15.9	16.5	28.0	50.3	72.6	94.9	117.2	116.6
102.5°	84.7	94.9	105.0	115.2	125.4	132.6	136.8	141.0	145.3	149.5	149.1
105°	200.0	200.1	200.3	200.4	200.6	200.6	200.6	200.6	200.6	200.6	200.6
107.5°	252.1	252.5	253.0	253.5	253.9	254.1	254.1	254.1	254.0	254.0	253.7
110°	288.2	288.0	287.9	287.7	287.6	287.7	288.2	288.6	289.1	289.6	289.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	320.6	320.7	320.9	321.2	321.3	321.8	322.3	322.9	323.5	324.0	323.8
115°	369.0	369.9	370.7	371.7	372.6	373.3	373.9	374.5	375.1	375.7	375.6
117.5°	420.7	421.1	421.5	421.9	422.2	422.8	423.6	424.4	425.2	425.9	425.4
120°	452.5	453.2	454.0	454.7	455.5	456.0	456.3	456.6	456.9	457.2	456.8
122.5°	482.7	483.5	484.4	485.3	486.1	486.7	487.0	487.3	487.6	487.9	487.7
125°	528.6	529.0	529.4	529.9	530.4	530.9	531.5	532.1	532.7	533.3	533.3
127.5°	567.2	568.3	569.5	570.6	571.6	572.4	572.7	573.0	573.3	573.7	573.8
130°	595.2	596.0	596.8	597.4	598.2	598.8	599.3	599.7	600.2	600.6	600.5
132.5°	621.1	621.8	622.6	623.4	624.1	624.5	624.6	624.7	624.7	624.8	625.2
135°	656.5	657.4	658.3	659.2	660.1	660.7	661.0	661.3	661.6	661.9	662.2
137.5°	692.1	692.8	693.6	694.4	695.2	695.5	695.4	695.4	695.3	695.3	695.6
140°	713.1	713.9	714.9	715.7	716.7	717.0	716.7	716.4	716.1	715.7	715.9
142.5°	733.0	733.9	734.8	735.7	736.6	737.0	736.9	736.9	736.8	736.8	736.6
145°	762.2	763.1	764.1	764.9	765.8	766.2	766.0	765.9	765.8	765.6	765.6
147.5°	786.4	787.4	788.5	789.5	790.7	791.1	790.9	790.7	790.6	790.4	790.2
150°	801.9	803.1	804.3	805.6	806.8	807.2	806.9	806.6	806.3	806.0	805.7
152.5°	816.5	817.6	818.6	819.8	820.8	821.2	820.9	820.6	820.3	820.0	819.7
155°	835.6	836.8	838.0	839.2	840.4	840.8	840.3	839.9	839.4	839.0	838.7
157.5°	851.6	852.8	854.0	855.2	856.4	856.8	856.4	855.8	855.3	854.9	854.8
160°	861.9	863.1	864.3	865.5	866.7	866.9	866.3	865.7	865.1	864.5	864.4
162.5°	871.1	872.4	873.7	874.9	876.3	876.5	875.7	874.9	874.0	873.2	873.1
165°	883.4	884.6	885.8	887.0	888.2	888.4	887.4	886.6	885.7	884.8	884.6
167.5°	892.1	893.4	894.8	896.0	897.4	897.6	896.5	895.4	894.3	893.3	893.1
170°	896.9	898.2	899.6	901.0	902.2	902.3	901.1	899.9	898.8	897.6	897.4
172.5°	900.1	901.5	902.8	904.1	905.5	905.7	904.6	903.4	902.4	901.3	901.0
175°	904.3	905.7	907.0	908.4	909.6	909.7	908.5	907.3	906.2	905.0	904.8
177.5°	906.7	907.7	908.6	909.6	910.6	910.6	909.7	909.0	908.1	907.2	907.1
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4



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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°	5.4	5.2	5.2	4.9	4.5	5.1	5.3	5.3	5.2	5.1	5.0
90°	8.7	7.7	6.5	5.4	4.3	3.1	1.9	0.7	1.9	3.1	4.3
92.5°	9.0	8.0	7.1	7.1	7.8	8.7	9.6	10.3	9.6	8.7	7.8
95°	22.1	27.8	33.5	36.6	37.0	37.5	38.0	38.4	38.0	37.5	37.0
97.5°	55.6	66.9	78.2	83.3	82.6	81.7	80.9	80.2	80.9	81.7	82.6
100°	116.0	115.4	114.8	114.3	113.8	113.3	112.9	112.4	112.9	113.3	113.8
102.5°	148.8	148.4	148.0	147.6	147.0	146.5	145.9	145.3	145.9	146.5	147.0
105°	200.6	200.6	200.6	200.4	199.8	199.1	198.5	197.9	198.5	199.1	199.8
107.5°	253.4	253.0	252.8	252.6	252.6	252.6	252.6	252.6	252.6	252.6	252.6
110°	289.0	288.6	288.3	288.2	288.2	288.2	288.2	288.2	288.2	288.2	288.2



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	323.6	323.5	323.3	323.0	322.7	322.3	321.9	321.6	321.9	322.3	322.7
115°	375.4	375.3	375.1	374.7	373.9	373.2	372.5	371.7	372.5	373.2	373.9
117.5°	424.8	424.2	423.7	423.4	423.4	423.4	423.5	423.5	423.5	423.4	423.4
120°	456.3	455.8	455.4	455.2	455.4	455.6	455.7	455.8	455.7	455.6	455.4
122.5°	487.5	487.2	487.1	486.6	486.1	485.5	485.0	484.4	485.0	485.5	486.1
125°	533.3	533.3	533.3	532.8	531.8	530.6	529.6	528.6	529.6	530.6	531.8
127.5°	573.9	573.9	574.0	573.7	573.0	572.2	571.4	570.8	571.4	572.2	573.0
130°	600.3	600.2	600.0	599.6	598.8	598.1	597.4	596.6	597.4	598.1	598.8
132.5°	625.5	625.9	626.2	625.9	625.0	624.1	623.3	622.4	623.3	624.1	625.0
135°	662.5	662.8	663.1	662.8	661.9	661.0	660.1	659.2	660.1	661.0	661.9
137.5°	695.9	696.1	696.4	696.1	695.3	694.6	693.8	693.0	693.8	694.6	695.3
140°	716.1	716.2	716.4	716.3	716.0	715.7	715.4	715.1	715.4	715.7	716.0
142.5°	736.3	736.2	735.9	735.7	735.6	735.4	735.2	735.0	735.2	735.4	735.6
145°	765.6	765.6	765.6	765.4	765.2	764.8	764.6	764.2	764.6	764.8	765.2
147.5°	790.0	789.8	789.6	789.6	789.6	789.7	789.8	789.8	789.8	789.7	789.6
150°	805.4	805.1	804.8	804.8	805.1	805.4	805.7	806.0	805.7	805.4	805.1
152.5°	819.4	819.1	818.8	819.0	819.7	820.3	821.0	821.7	821.0	820.3	819.7
155°	838.4	838.1	837.8	838.1	839.0	839.9	840.8	841.7	840.8	839.9	839.0
157.5°	854.8	854.8	854.7	855.0	855.6	856.1	856.6	857.1	856.6	856.1	855.6
160°	864.3	864.1	864.0	864.4	865.2	866.2	867.0	868.0	867.0	866.2	865.2
162.5°	872.9	872.7	872.6	873.0	873.8	874.8	875.6	876.6	875.6	874.8	873.8
165°	884.5	884.3	884.2	884.5	885.5	886.3	887.3	888.1	887.3	886.3	885.5
167.5°	892.9	892.8	892.7	893.0	894.0	894.9	895.9	896.7	895.9	894.9	894.0
170°	897.2	897.1	897.0	897.4	898.5	899.5	900.5	901.6	900.5	899.5	898.5
172.5°	900.8	900.5	900.3	900.6	901.7	902.8	903.8	904.8	903.8	902.8	901.7
175°	904.7	904.5	904.4	904.7	905.7	906.5	907.4	908.4	907.4	906.5	905.7
177.5°	907.0	906.9	906.8	907.1	907.8	908.5	909.2	910.0	909.2	908.5	907.8
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

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°	5.1	5.3	5.3	5.9	5.6	5.9	6.1	6.1	6.3	6.4	6.4
90°	5.4	6.5	7.7	8.7	9.7	10.8	11.5	12.3	13.0	13.8	14.4
92.5°	7.1	7.1	8.0	9.0	9.8	10.8	11.5	12.3	13.0	13.8	14.2
95°	36.6	33.5	27.8	22.1	16.4	10.8	11.5	12.3	13.0	13.8	14.1
97.5°	83.3	78.2	66.9	55.6	44.3	33.1	28.9	24.7	20.5	16.3	14.1
100°	114.3	114.8	115.4	116.0	116.6	117.2	94.9	72.6	50.3	28.0	16.5
102.5°	147.6	148.0	148.4	148.8	149.1	149.5	145.3	141.0	136.8	132.6	125.4
105°	200.4	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6
107.5°	252.6	252.8	253.0	253.4	253.7	254.0	254.0	254.1	254.1	254.1	253.9
110°	288.2	288.3	288.6	289.0	289.2	289.6	289.1	288.6	288.2	287.7	287.6



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	323.0	323.3	323.5	323.6	323.8	324.0	323.5	322.9	322.3	321.8	321.3
115°	374.7	375.1	375.3	375.4	375.6	375.7	375.1	374.5	373.9	373.3	372.6
117.5°	423.4	423.7	424.2	424.8	425.4	425.9	425.2	424.4	423.6	422.8	422.2
120°	455.2	455.4	455.8	456.3	456.8	457.2	456.9	456.6	456.3	456.0	455.5
122.5°	486.6	487.1	487.2	487.5	487.7	487.9	487.6	487.3	487.0	486.7	486.1
125°	532.8	533.3	533.3	533.3	533.3	533.3	532.7	532.1	531.5	530.9	530.4
127.5°	573.7	574.0	573.9	573.9	573.8	573.7	573.3	573.0	572.7	572.4	571.6
130°	599.6	600.0	600.2	600.3	600.5	600.6	600.2	599.7	599.3	598.8	598.2
132.5°	625.9	626.2	625.9	625.5	625.2	624.8	624.7	624.7	624.6	624.5	624.1
135°	662.8	663.1	662.8	662.5	662.2	661.9	661.6	661.3	661.0	660.7	660.1
137.5°	696.1	696.4	696.1	695.9	695.6	695.3	695.3	695.4	695.4	695.5	695.2
140°	716.3	716.4	716.2	716.1	715.9	715.7	716.1	716.4	716.7	717.0	716.7
142.5°	735.7	735.9	736.2	736.3	736.6	736.8	736.8	736.9	736.9	737.0	736.6
145°	765.4	765.6	765.6	765.6	765.6	765.6	765.8	765.9	766.0	766.2	765.8
147.5°	789.6	789.6	789.8	790.0	790.2	790.4	790.6	790.7	790.9	791.1	790.7
150°	804.8	804.8	805.1	805.4	805.7	806.0	806.3	806.6	806.9	807.2	806.8
152.5°	819.0	818.8	819.1	819.4	819.7	820.0	820.3	820.6	820.9	821.2	820.8
155°	838.1	837.8	838.1	838.4	838.7	839.0	839.4	839.9	840.3	840.8	840.4
157.5°	855.0	854.7	854.8	854.8	854.8	854.9	855.3	855.8	856.4	856.8	856.4
160°	864.4	864.0	864.1	864.3	864.4	864.5	865.1	865.7	866.3	866.9	866.7
162.5°	873.0	872.6	872.7	872.9	873.1	873.2	874.0	874.9	875.7	876.5	876.3
165°	884.5	884.2	884.3	884.5	884.6	884.8	885.7	886.6	887.4	888.4	888.2
167.5°	893.0	892.7	892.8	892.9	893.1	893.3	894.3	895.4	896.5	897.6	897.4
170°	897.4	897.0	897.1	897.2	897.4	897.6	898.8	899.9	901.1	902.3	902.2
172.5°	900.6	900.3	900.5	900.8	901.0	901.3	902.4	903.4	904.6	905.7	905.5
175°	904.7	904.4	904.5	904.7	904.8	905.0	906.2	907.3	908.5	909.7	909.6
177.5°	907.1	906.8	906.9	907.0	907.1	907.2	908.1	909.0	909.7	910.6	910.6
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

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°	6.6	6.5	6.6	6.7	6.6	6.5	6.6	6.4	6.4	6.3	6.1
90°	14.8	15.2	15.7	16.2	15.7	15.2	14.8	14.4	13.8	13.0	12.3
92.5°	14.5	14.6	14.9	15.1	14.9	14.6	14.5	14.2	13.8	13.0	12.3
95°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	13.8	13.0	12.3
97.5°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	16.3	20.5	24.7
100°	15.9	15.3	14.7	14.1	14.7	15.3	15.9	16.5	28.0	50.3	72.6
102.5°	115.2	105.0	94.9	84.7	94.9	105.0	115.2	125.4	132.6	136.8	141.0
105°	200.4	200.3	200.1	200.0	200.1	200.3	200.4	200.6	200.6	200.6	200.6
107.5°	253.5	253.0	252.5	252.1	252.5	253.0	253.5	253.9	254.1	254.1	254.1
110°	287.7	287.9	288.0	288.2	288.0	287.9	287.7	287.6	287.7	288.2	288.6



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	321.2	320.9	320.7	320.6	320.7	320.9	321.2	321.3	321.8	322.3	322.9
115°	371.7	370.7	369.9	369.0	369.9	370.7	371.7	372.6	373.3	373.9	374.5
117.5°	421.9	421.5	421.1	420.7	421.1	421.5	421.9	422.2	422.8	423.6	424.4
120°	454.7	454.0	453.2	452.5	453.2	454.0	454.7	455.5	456.0	456.3	456.6
122.5°	485.3	484.4	483.5	482.7	483.5	484.4	485.3	486.1	486.7	487.0	487.3
125°	529.9	529.4	529.0	528.6	529.0	529.4	529.9	530.4	530.9	531.5	532.1
127.5°	570.6	569.5	568.3	567.2	568.3	569.5	570.6	571.6	572.4	572.7	573.0
130°	597.4	596.8	596.0	595.2	596.0	596.8	597.4	598.2	598.8	599.3	599.7
132.5°	623.4	622.6	621.8	621.1	621.8	622.6	623.4	624.1	624.5	624.6	624.7
135°	659.2	658.3	657.4	656.5	657.4	658.3	659.2	660.1	660.7	661.0	661.3
137.5°	694.4	693.6	692.8	692.1	692.8	693.6	694.4	695.2	695.5	695.4	695.4
140°	715.7	714.9	713.9	713.1	713.9	714.9	715.7	716.7	717.0	716.7	716.4
142.5°	735.7	734.8	733.9	733.0	733.9	734.8	735.7	736.6	737.0	736.9	736.9
145°	764.9	764.1	763.1	762.2	763.1	764.1	764.9	765.8	766.2	766.0	765.9
147.5°	789.5	788.5	787.4	786.4	787.4	788.5	789.5	790.7	791.1	790.9	790.7
150°	805.6	804.3	803.1	801.9	803.1	804.3	805.6	806.8	807.2	806.9	806.6
152.5°	819.8	818.6	817.6	816.5	817.6	818.6	819.8	820.8	821.2	820.9	820.6
155°	839.2	838.0	836.8	835.6	836.8	838.0	839.2	840.4	840.8	840.3	839.9
157.5°	855.2	854.0	852.8	851.6	852.8	854.0	855.2	856.4	856.8	856.4	855.8
160°	865.5	864.3	863.1	861.9	863.1	864.3	865.5	866.7	866.9	866.3	865.7
162.5°	874.9	873.7	872.4	871.1	872.4	873.7	874.9	876.3	876.5	875.7	874.9
165°	887.0	885.8	884.6	883.4	884.6	885.8	887.0	888.2	888.4	887.4	886.6
167.5°	896.0	894.8	893.4	892.1	893.4	894.8	896.0	897.4	897.6	896.5	895.4
170°	901.0	899.6	898.2	896.9	898.2	899.6	901.0	902.2	902.3	901.1	899.9
172.5°	904.1	902.8	901.5	900.1	901.5	902.8	904.1	905.5	905.7	904.6	903.4
175°	908.4	907.0	905.7	904.3	905.7	907.0	908.4	909.6	909.7	908.5	907.3
177.5°	909.6	908.6	907.7	906.7	907.7	908.6	909.6	910.6	910.6	909.7	909.0
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

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°	6.1	5.9	5.6	5.9	5.3	5.3	5.1	5.0	5.1	5.2	5.3
90°	11.5	10.8	9.7	8.7	7.7	6.5	5.4	4.3	3.1	1.9	0.7
92.5°	11.5	10.8	9.8	9.0	8.0	7.1	7.1	7.8	8.7	9.6	10.3
95°	11.5	10.8	16.4	22.1	27.8	33.5	36.6	37.0	37.5	38.0	38.4
97.5°	28.9	33.1	44.3	55.6	66.9	78.2	83.3	82.6	81.7	80.9	80.2
100°	94.9	117.2	116.6	116.0	115.4	114.8	114.3	113.8	113.3	112.9	112.4
102.5°	145.3	149.5	149.1	148.8	148.4	148.0	147.6	147.0	146.5	145.9	145.3
105°	200.6	200.6	200.6	200.6	200.6	200.6	200.4	199.8	199.1	198.5	197.9
107.5°	254.0	254.0	253.7	253.4	253.0	252.8	252.6	252.6	252.6	252.6	252.6
110°	289.1	289.6	289.2	289.0	288.6	288.3	288.2	288.2	288.2	288.2	288.2



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	323.5	324.0	323.8	323.6	323.5	323.3	323.0	322.7	322.3	321.9	321.6
115°	375.1	375.7	375.6	375.4	375.3	375.1	374.7	373.9	373.2	372.5	371.7
117.5°	425.2	425.9	425.4	424.8	424.2	423.7	423.4	423.4	423.4	423.5	423.5
120°	456.9	457.2	456.8	456.3	455.8	455.4	455.2	455.4	455.6	455.7	455.8
122.5°	487.6	487.9	487.7	487.5	487.2	487.1	486.6	486.1	485.5	485.0	484.4
125°	532.7	533.3	533.3	533.3	533.3	533.3	532.8	531.8	530.6	529.6	528.6
127.5°	573.3	573.7	573.8	573.9	573.9	574.0	573.7	573.0	572.2	571.4	570.8
130°	600.2	600.6	600.5	600.3	600.2	600.0	599.6	598.8	598.1	597.4	596.6
132.5°	624.7	624.8	625.2	625.5	625.9	626.2	625.9	625.0	624.1	623.3	622.4
135°	661.6	661.9	662.2	662.5	662.8	663.1	662.8	661.9	661.0	660.1	659.2
137.5°	695.3	695.3	695.6	695.9	696.1	696.4	696.1	695.3	694.6	693.8	693.0
140°	716.1	715.7	715.9	716.1	716.2	716.4	716.3	716.0	715.7	715.4	715.1
142.5°	736.8	736.8	736.6	736.3	736.2	735.9	735.7	735.6	735.4	735.2	735.0
145°	765.8	765.6	765.6	765.6	765.6	765.6	765.4	765.2	764.8	764.6	764.2
147.5°	790.6	790.4	790.2	790.0	789.8	789.6	789.6	789.6	789.7	789.8	789.8
150°	806.3	806.0	805.7	805.4	805.1	804.8	804.8	805.1	805.4	805.7	806.0
152.5°	820.3	820.0	819.7	819.4	819.1	818.8	819.0	819.7	820.3	821.0	821.7
155°	839.4	839.0	838.7	838.4	838.1	837.8	838.1	839.0	839.9	840.8	841.7
157.5°	855.3	854.9	854.8	854.8	854.8	854.7	855.0	855.6	856.1	856.6	857.1
160°	865.1	864.5	864.4	864.3	864.1	864.0	864.4	865.2	866.2	867.0	868.0
162.5°	874.0	873.2	873.1	872.9	872.7	872.6	873.0	873.8	874.8	875.6	876.6
165°	885.7	884.8	884.6	884.5	884.3	884.2	884.5	885.5	886.3	887.3	888.1
167.5°	894.3	893.3	893.1	892.9	892.8	892.7	893.0	894.0	894.9	895.9	896.7
170°	898.8	897.6	897.4	897.2	897.1	897.0	897.4	898.5	899.5	900.5	901.6
172.5°	902.4	901.3	901.0	900.8	900.5	900.3	900.6	901.7	902.8	903.8	904.8
175°	906.2	905.0	904.8	904.7	904.5	904.4	904.7	905.7	906.5	907.4	908.4
177.5°	908.1	907.2	907.1	907.0	906.9	906.8	907.1	907.8	908.5	909.2	910.0
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

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°	5.3	5.1	4.5	4.9	5.2	5.2	5.4	5.4	5.5	5.7	5.8
90°	1.9	3.1	4.3	5.4	6.5	7.7	8.7	9.7	10.8	11.5	12.3
92.5°	9.6	8.7	7.8	7.1	7.1	8.0	9.0	9.8	10.8	11.5	12.3
95°	38.0	37.5	37.0	36.6	33.5	27.8	22.1	16.4	10.8	11.5	12.3
97.5°	80.9	81.7	82.6	83.3	78.2	66.9	55.6	44.3	33.1	28.9	24.7
100°	112.9	113.3	113.8	114.3	114.8	115.4	116.0	116.6	117.2	94.9	72.6
102.5°	145.9	146.5	147.0	147.6	148.0	148.4	148.8	149.1	149.5	145.3	141.0
105°	198.5	199.1	199.8	200.4	200.6	200.6	200.6	200.6	200.6	200.6	200.6
107.5°	252.6	252.6	252.6	252.6	252.8	253.0	253.4	253.7	254.0	254.0	254.1
110°	288.2	288.2	288.2	288.2	288.3	288.6	289.0	289.2	289.6	289.1	288.6



TEST NUMBER: P333502-935

CATALOG NUMBER: S125RDIP-S375D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	321.9	322.3	322.7	323.0	323.3	323.5	323.6	323.8	324.0	323.5	322.9
115°	372.5	373.2	373.9	374.7	375.1	375.3	375.4	375.6	375.7	375.1	374.5
117.5°	423.5	423.4	423.4	423.4	423.7	424.2	424.8	425.4	425.9	425.2	424.4
120°	455.7	455.6	455.4	455.2	455.4	455.8	456.3	456.8	457.2	456.9	456.6
122.5°	485.0	485.5	486.1	486.6	487.1	487.2	487.5	487.7	487.9	487.6	487.3
125°	529.6	530.6	531.8	532.8	533.3	533.3	533.3	533.3	533.3	532.7	532.1
127.5°	571.4	572.2	573.0	573.7	574.0	573.9	573.9	573.8	573.7	573.3	573.0
130°	597.4	598.1	598.8	599.6	600.0	600.2	600.3	600.5	600.6	600.2	599.7
132.5°	623.3	624.1	625.0	625.9	626.2	625.9	625.5	625.2	624.8	624.7	624.7
135°	660.1	661.0	661.9	662.8	663.1	662.8	662.5	662.2	661.9	661.6	661.3
137.5°	693.8	694.6	695.3	696.1	696.4	696.1	695.9	695.6	695.3	695.3	695.4
140°	715.4	715.7	716.0	716.3	716.4	716.2	716.1	715.9	715.7	716.1	716.4
142.5°	735.2	735.4	735.6	735.7	735.9	736.2	736.3	736.6	736.8	736.8	736.9
145°	764.6	764.8	765.2	765.4	765.6	765.6	765.6	765.6	765.6	765.8	765.9
147.5°	789.8	789.7	789.6	789.6	789.6	789.8	790.0	790.2	790.4	790.6	790.7
150°	805.7	805.4	805.1	804.8	804.8	805.1	805.4	805.7	806.0	806.3	806.6
152.5°	821.0	820.3	819.7	819.0	818.8	819.1	819.4	819.7	820.0	820.3	820.6
155°	840.8	839.9	839.0	838.1	837.8	838.1	838.4	838.7	839.0	839.4	839.9
157.5°	856.6	856.1	855.6	855.0	854.7	854.8	854.8	854.8	854.9	855.3	855.8
160°	867.0	866.2	865.2	864.4	864.0	864.1	864.3	864.4	864.5	865.1	865.7
162.5°	875.6	874.8	873.8	873.0	872.6	872.7	872.9	873.1	873.2	874.0	874.9
165°	887.3	886.3	885.5	884.5	884.2	884.3	884.5	884.6	884.8	885.7	886.6
167.5°	895.9	894.9	894.0	893.0	892.7	892.8	892.9	893.1	893.3	894.3	895.4
170°	900.5	899.5	898.5	897.4	897.0	897.1	897.2	897.4	897.6	898.8	899.9
172.5°	903.8	902.8	901.7	900.6	900.3	900.5	900.8	901.0	901.3	902.4	903.4
175°	907.4	906.5	905.7	904.7	904.4	904.5	904.7	904.8	905.0	906.2	907.3
177.5°	909.2	908.5	907.8	907.1	906.8	906.9	907.0	907.1	907.2	908.1	909.0
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4	908.4



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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°	6.1	6.4	6.2	6.1	6.2	6.5	6.7
90°	13.0	13.8	14.4	14.8	15.2	15.7	16.2
92.5°	13.0	13.8	14.2	14.5	14.6	14.9	15.1
95°	13.0	13.8	14.1	14.1	14.1	14.1	14.1
97.5°	20.5	16.3	14.1	14.1	14.1	14.1	14.1
100°	50.3	28.0	16.5	15.9	15.3	14.7	14.1
102.5°	136.8	132.6	125.4	115.2	105.0	94.9	84.7
105°	200.6	200.6	200.6	200.4	200.3	200.1	200.0
107.5°	254.1	254.1	253.9	253.5	253.0	252.5	252.1
110°	288.2	287.7	287.6	287.7	287.9	288.0	288.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	322.3	321.8	321.3	321.2	320.9	320.7	320.6
115°	373.9	373.3	372.6	371.7	370.7	369.9	369.0
117.5°	423.6	422.8	422.2	421.9	421.5	421.1	420.7
120°	456.3	456.0	455.5	454.7	454.0	453.2	452.5
122.5°	487.0	486.7	486.1	485.3	484.4	483.5	482.7
125°	531.5	530.9	530.4	529.9	529.4	529.0	528.6
127.5°	572.7	572.4	571.6	570.6	569.5	568.3	567.2
130°	599.3	598.8	598.2	597.4	596.8	596.0	595.2
132.5°	624.6	624.5	624.1	623.4	622.6	621.8	621.1
135°	661.0	660.7	660.1	659.2	658.3	657.4	656.5
137.5°	695.4	695.5	695.2	694.4	693.6	692.8	692.1
140°	716.7	717.0	716.7	715.7	714.9	713.9	713.1
142.5°	736.9	737.0	736.6	735.7	734.8	733.9	733.0
145°	766.0	766.2	765.8	764.9	764.1	763.1	762.2
147.5°	790.9	791.1	790.7	789.5	788.5	787.4	786.4
150°	806.9	807.2	806.8	805.6	804.3	803.1	801.9
152.5°	820.9	821.2	820.8	819.8	818.6	817.6	816.5
155°	840.3	840.8	840.4	839.2	838.0	836.8	835.6
157.5°	856.4	856.8	856.4	855.2	854.0	852.8	851.6
160°	866.3	866.9	866.7	865.5	864.3	863.1	861.9
162.5°	875.7	876.5	876.3	874.9	873.7	872.4	871.1
165°	887.4	888.4	888.2	887.0	885.8	884.6	883.4
167.5°	896.5	897.6	897.4	896.0	894.8	893.4	892.1
170°	901.1	902.3	902.2	901.0	899.6	898.2	896.9
172.5°	904.6	905.7	905.5	904.1	902.8	901.5	900.1
175°	908.5	909.7	909.6	908.4	907.0	905.7	904.3
177.5°	909.7	910.6	910.6	909.6	908.6	907.7	906.7
180°	908.4	908.4	908.4	908.4	908.4	908.4	908.4

(END OF REPORT)