

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: P333520-935

Luminaire Tested: **S125RDIP-S610D365U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333520-935
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-S610D365U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3325.9 lumens
Efficiency: N/A
Efficacy: 120.9 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-Direct

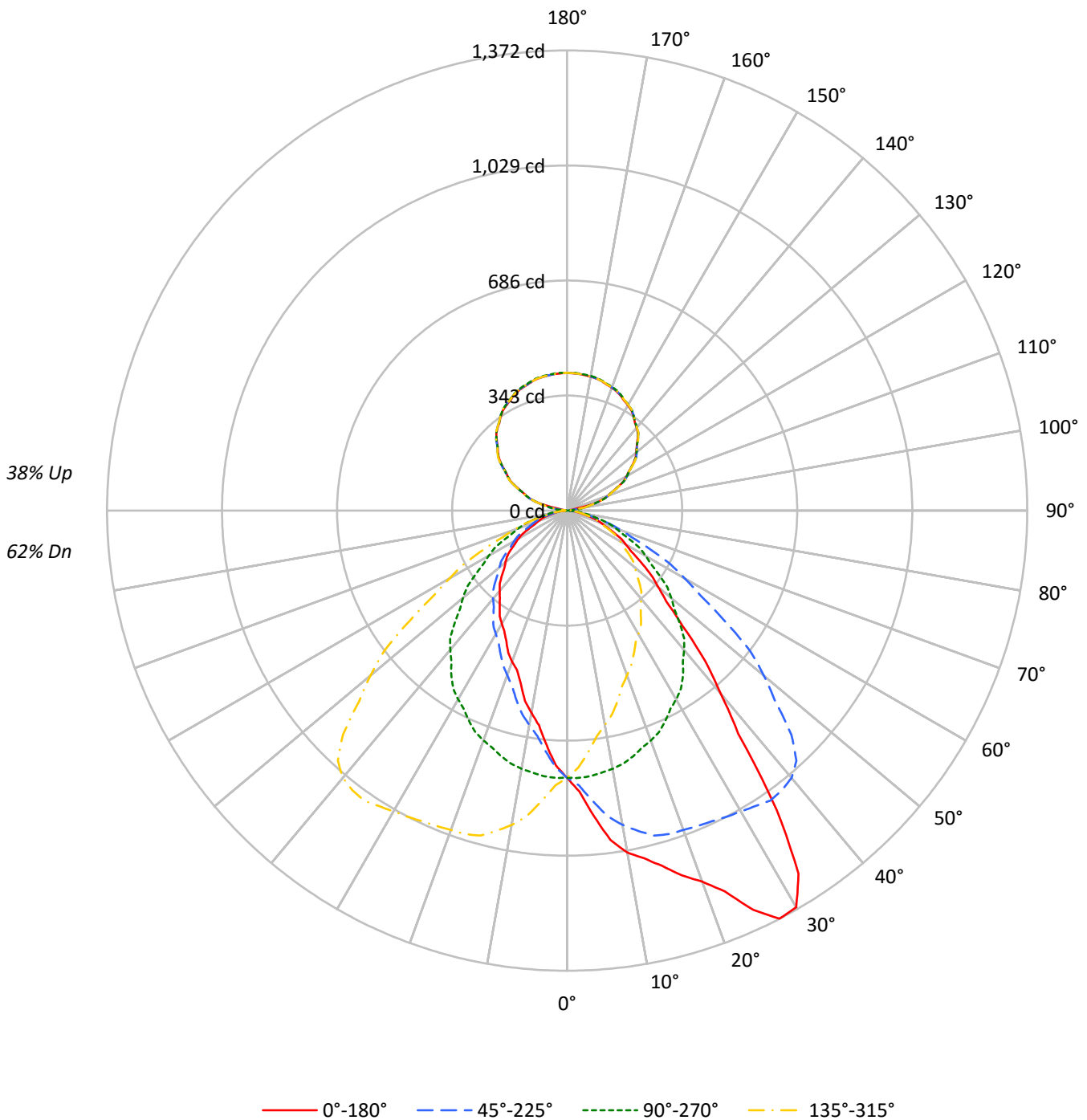
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	62
1	101	97	93	90	95	91	88	85	80	77	75	70	68	66	60	59	58	53
2	92	85	79	74	86	80	75	70	71	67	63	62	59	56	54	51	50	46
3	85	75	68	62	79	71	64	59	63	58	54	55	51	48	48	45	43	39
4	78	67	59	53	73	63	56	51	56	50	46	49	45	41	43	40	37	34
5	71	60	52	46	67	57	49	44	50	44	40	44	40	36	39	35	33	30
6	66	54	46	40	62	51	44	38	45	40	35	40	36	32	35	32	29	26
7	61	49	41	35	57	46	39	34	41	35	31	37	32	28	32	29	26	23
8	57	44	37	31	53	42	35	30	38	32	28	34	29	25	30	26	23	21
9	53	41	33	28	50	39	32	27	35	29	25	31	26	23	28	24	21	19
10	49	37	30	25	46	36	29	24	32	26	23	29	24	21	26	22	19	17

AVERAGE LUMINANCE (cd/sqm):

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.4	2.3
10°-20°	223.9	6.7
20°-30°	355.0	10.7
30°-40°	428.1	12.9
40°-50°	382.3	11.5
50°-60°	293.2	8.8
60°-70°	190.5	5.7
70°-80°	92.6	2.8
80°-90°	23.0	0.7
90°-100°	14.9	0.4
100°-110°	92.0	2.8
110°-120°	166.8	5.0
120°-130°	214.0	6.4
130°-140°	230.2	6.9
140°-150°	216.1	6.5
150°-160°	174.8	5.3
160°-170°	113.0	3.4
170°-180°	39.0	1.2
0°-30°	655.3	19.7
0°-40°	1083.4	32.6
0°-60°	1758.9	52.9
0°-90°	2065.1	62.1
90°-120°	273.7	8.2
90°-150°	934.0	28.1
90°-180°	1261.0	37.9
0°-180°	3325.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	797	797	797	797	797	
5°	913	795	702	795	913	91
15°	1097	759	534	759	1097	314
25°	1314	692	429	692	1314	603
35°	1090	602	350	602	1090	658
45°	487	474	275	474	487	389
55°	268	335	206	335	268	243
65°	152	209	122	209	152	151
75°	71	101	64	101	71	75
85°	15	23	17	23	15	17
90°	7	0	7	0	7	4
95°	6	17	6	17	6	5
105°	90	90	90	90	90	82
115°	167	168	167	168	167	166
125°	239	239	239	239	239	213
135°	297	298	297	298	297	229
145°	344	345	344	345	344	215
155°	378	380	378	380	378	174
165°	399	401	399	401	399	113
175°	409	410	409	410	409	39
180°	410	410	410	410	410	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	838.1	837.6	838.6	835.7	836.0	831.6	831.6	828.1	823.7	820.3	818.7
5°	913.2	913.9	912.5	907.6	904.3	899.4	893.9	884.1	875.9	868.1	861.9
7.5°	990.5	990.9	986.6	985.2	976.9	970.9	958.6	945.2	933.3	918.3	906.8
10°	1035.5	1035.2	1030.6	1027.0	1019.8	1010.6	998.5	982.8	968.1	951.7	936.1
12.5°	1061.7	1060.8	1059.4	1055.0	1048.4	1040.2	1029.9	1014.5	996.3	978.4	960.2
15°	1097.0	1094.7	1090.5	1084.9	1075.4	1065.9	1054.5	1040.8	1023.4	1003.2	986.1
17.5°	1140.7	1140.7	1134.2	1126.5	1113.6	1096.8	1079.2	1057.0	1033.5	1011.2	993.1
20°	1176.8	1175.8	1169.2	1154.3	1139.5	1118.6	1098.3	1071.2	1042.4	1013.2	990.7
22.5°	1228.6	1226.1	1219.3	1199.5	1176.6	1149.7	1118.7	1085.5	1050.8	1017.7	988.1
25°	1313.5	1311.6	1298.1	1275.2	1243.2	1201.6	1161.1	1115.6	1065.6	1022.1	986.1
27.5°	1371.6	1369.4	1359.5	1340.5	1310.9	1267.2	1212.3	1151.6	1089.1	1029.2	977.3
30°	1365.8	1370.7	1369.4	1360.6	1338.3	1299.1	1248.4	1180.1	1105.8	1035.5	973.7
32.5°	1283.7	1288.1	1299.6	1316.9	1318.2	1302.5	1264.6	1201.5	1124.6	1044.7	970.8
35°	1089.8	1095.7	1117.9	1152.9	1198.7	1237.0	1244.8	1210.8	1141.8	1055.8	966.5
37.5°	837.8	870.0	888.7	925.6	994.7	1065.1	1132.8	1157.8	1128.4	1051.2	959.5
40°	711.7	719.5	752.9	794.4	852.6	925.9	1022.4	1092.1	1094.3	1040.8	948.5
42.5°	609.2	619.1	642.0	675.1	725.0	798.2	897.9	989.8	1032.3	1011.9	934.1
45°	487.3	494.8	511.5	537.0	575.3	635.8	721.5	827.9	912.2	945.2	895.5
47.5°	400.4	404.4	418.9	438.3	466.7	510.7	577.0	669.3	770.6	841.5	834.6
50°	353.3	357.8	368.9	383.7	407.5	444.8	497.8	574.6	679.0	765.7	783.0
52.5°	316.6	320.4	327.4	341.3	360.9	389.6	432.4	502.0	595.8	687.9	728.1
55°	267.5	270.2	275.7	283.5	299.3	319.9	356.8	404.9	480.8	573.7	632.6
57.5°	227.1	228.4	232.0	239.2	250.0	265.1	291.8	332.6	387.0	470.6	535.6
60°	201.5	202.8	207.3	212.2	220.8	234.5	255.5	283.9	336.2	405.3	471.0
62.5°	181.1	181.8	183.8	188.7	196.1	206.8	223.3	246.5	288.1	348.7	410.8
65°	151.8	152.1	152.7	156.7	161.3	169.1	179.9	196.2	227.6	273.5	328.4
67.5°	123.6	124.1	126.4	127.8	132.5	136.6	143.0	155.5	177.6	208.4	251.2
70°	108.0	107.6	109.9	111.5	113.1	118.0	122.3	132.4	146.2	169.8	205.4
72.5°	93.2	92.5	93.4	94.0	96.2	99.5	103.8	109.9	120.5	136.8	164.0
75°	70.7	70.9	70.9	71.6	73.3	74.6	75.9	79.1	85.1	95.8	110.6
77.5°	49.6	49.1	50.5	50.6	51.6	53.0	54.2	55.4	57.9	62.3	69.9
80°	36.0	36.0	36.3	37.3	36.9	37.6	39.3	40.6	43.5	46.1	48.7
82.5°	27.6	27.4	27.6	27.9	27.8	28.4	29.0	29.3	30.4	31.7	33.6
85°	15.1	15.1	15.4	15.4	15.7	15.7	16.0	16.0	16.0	16.4	16.7
87.5°	7.2	6.9	6.6	6.5	6.8	7.2	7.0	6.6	6.5	6.5	6.6
90°	7.3	7.1	6.9	6.7	6.5	6.2	5.9	5.5	5.2	4.9	4.4
92.5°	6.8	6.7	6.6	6.5	6.5	6.2	5.9	5.5	5.2	4.9	4.5
95°	6.4	6.4	6.4	6.4	6.4	6.2	5.9	5.5	5.2	4.9	7.4
97.5°	6.4	6.4	6.4	6.4	6.4	7.3	9.2	11.2	13.1	15.0	20.1
100°	6.4	6.6	7.0	7.2	7.5	12.7	22.7	32.8	42.9	53.0	52.7
102.5°	38.3	42.9	47.5	52.1	56.7	59.9	61.8	63.7	65.7	67.6	67.4
105°	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
107.5°	113.9	114.2	114.3	114.6	114.8	114.9	114.9	114.9	114.8	114.8	114.7
110°	130.3	130.2	130.1	130.1	130.0	130.1	130.3	130.4	130.7	130.9	130.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	144.9	145.0	145.1	145.2	145.3	145.4	145.7	145.9	146.2	146.5	146.4
115°	166.8	167.2	167.6	168.0	168.4	168.8	169.0	169.3	169.5	169.8	169.8
117.5°	190.2	190.4	190.5	190.7	190.9	191.1	191.5	191.8	192.2	192.5	192.3
120°	204.5	204.8	205.2	205.5	205.9	206.1	206.2	206.4	206.6	206.6	206.5
122.5°	218.2	218.5	219.0	219.3	219.7	220.0	220.2	220.2	220.4	220.5	220.4
125°	238.9	239.1	239.4	239.5	239.7	240.0	240.2	240.5	240.7	241.1	241.1
127.5°	256.4	256.9	257.4	257.9	258.4	258.7	258.8	259.0	259.2	259.3	259.3
130°	269.1	269.4	269.8	270.1	270.4	270.7	270.9	271.0	271.3	271.5	271.4
132.5°	280.8	281.0	281.4	281.7	282.1	282.2	282.3	282.3	282.4	282.4	282.6
135°	296.7	297.1	297.6	298.0	298.3	298.6	298.8	298.9	299.0	299.2	299.3
137.5°	312.8	313.1	313.5	313.8	314.2	314.4	314.4	314.4	314.3	314.3	314.4
140°	322.3	322.7	323.1	323.6	323.9	324.1	323.9	323.8	323.6	323.6	323.6
142.5°	331.3	331.7	332.1	332.5	332.9	333.1	333.1	333.0	333.0	333.0	332.9
145°	344.5	344.9	345.3	345.8	346.1	346.3	346.2	346.2	346.1	346.0	346.0
147.5°	355.4	355.9	356.4	356.9	357.4	357.6	357.5	357.4	357.3	357.2	357.1
150°	362.5	363.0	363.6	364.1	364.6	364.8	364.7	364.5	364.5	364.3	364.2
152.5°	369.0	369.5	370.1	370.5	371.0	371.2	371.0	370.9	370.7	370.7	370.5
155°	377.7	378.2	378.8	379.4	379.9	380.0	379.8	379.6	379.4	379.2	379.1
157.5°	385.0	385.5	386.0	386.6	387.1	387.3	387.0	386.8	386.6	386.4	386.4
160°	389.6	390.1	390.6	391.2	391.8	391.8	391.6	391.3	391.1	390.8	390.7
162.5°	393.7	394.3	394.9	395.5	396.1	396.2	395.8	395.5	395.0	394.7	394.6
165°	399.3	399.8	400.4	401.0	401.5	401.6	401.1	400.7	400.3	399.9	399.8
167.5°	403.2	403.8	404.4	405.0	405.6	405.7	405.2	404.8	404.2	403.7	403.7
170°	405.4	406.0	406.7	407.3	407.9	407.9	407.3	406.7	406.2	405.7	405.6
172.5°	406.8	407.4	408.0	408.7	409.3	409.3	408.9	408.4	407.9	407.4	407.3
175°	408.7	409.3	409.9	410.5	411.2	411.2	410.7	410.1	409.6	409.1	409.0
177.5°	409.8	410.3	410.7	411.1	411.6	411.6	411.2	410.9	410.4	410.1	410.0
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	818.7	816.9	813.5	810.4	806.4	803.1	800.6	797.8	794.1	789.7	786.0
5°	855.0	847.7	838.3	830.1	819.7	811.5	803.0	794.8	786.6	776.1	767.0
7.5°	895.1	880.3	865.8	847.7	831.1	816.4	802.3	788.0	774.0	759.1	744.8
10°	919.7	901.7	881.8	858.8	837.9	818.0	799.7	781.7	762.8	746.1	728.1
12.5°	942.7	919.5	896.7	867.8	842.7	818.3	795.0	772.6	752.3	730.6	711.3
15°	963.5	940.6	915.2	879.9	844.8	815.4	787.9	758.8	733.7	709.4	687.9
17.5°	971.6	947.6	917.9	884.0	845.8	808.7	773.4	741.4	711.8	683.5	659.3
20°	968.5	945.2	914.8	882.4	841.5	803.0	764.7	729.4	696.3	666.6	640.8
22.5°	960.9	936.9	907.5	873.3	834.5	793.5	752.7	715.0	680.4	649.5	621.4
25°	949.5	916.8	886.7	853.3	816.4	775.8	733.7	692.1	655.1	623.7	593.0
27.5°	937.6	896.8	858.6	825.4	786.4	750.2	709.5	666.9	628.0	596.1	564.6
30°	927.0	881.1	839.0	801.3	764.4	730.0	691.4	649.9	610.0	577.0	544.9
32.5°	913.6	864.9	818.6	775.2	739.5	705.4	670.5	630.8	591.9	557.8	525.3
35°	896.8	834.7	784.3	738.2	698.6	665.6	634.2	602.1	563.2	527.9	496.2
37.5°	874.9	804.3	746.1	695.8	654.1	620.9	596.2	566.8	531.3	497.5	468.0
40°	861.5	782.4	718.6	668.8	625.0	590.0	566.8	541.9	509.5	477.9	448.4
42.5°	843.7	762.2	690.9	639.0	595.0	561.3	537.8	516.1	488.9	459.0	427.5
45°	808.8	723.2	648.2	592.6	548.2	515.1	493.2	473.9	453.3	425.9	398.4
47.5°	763.4	682.4	604.0	543.3	499.7	469.1	447.8	432.6	417.8	394.5	367.8
50°	727.1	648.9	572.4	513.5	467.1	437.9	418.0	405.9	392.4	371.3	349.0
52.5°	684.2	614.4	539.4	479.2	435.4	408.1	388.9	376.9	365.8	348.4	327.3
55°	616.6	555.3	486.6	432.0	391.8	364.4	346.0	334.6	328.0	313.3	296.6
57.5°	538.5	494.6	434.1	381.4	345.9	318.7	305.3	295.6	288.2	277.8	266.0
60°	484.1	453.3	399.0	349.0	316.2	290.4	278.4	270.2	263.3	254.4	245.3
62.5°	428.9	406.5	359.3	316.2	286.2	264.5	253.2	245.8	237.9	232.0	223.1
65°	354.9	334.9	302.2	268.5	240.7	223.4	215.2	208.7	203.8	197.3	191.0
67.5°	276.0	267.9	245.4	222.1	202.2	186.8	179.7	175.1	169.2	165.3	161.0
70°	227.6	223.7	207.7	192.3	173.7	163.2	156.7	154.7	147.5	143.6	140.6
72.5°	184.8	182.9	173.7	163.0	149.9	140.7	134.7	132.4	127.9	124.8	122.9
75°	126.6	127.3	125.6	118.7	113.8	108.0	102.7	101.4	98.2	95.5	93.8
77.5°	80.1	83.4	83.5	83.2	81.3	77.7	75.5	74.5	71.3	70.3	69.9
80°	54.9	58.5	61.8	61.5	60.9	59.8	58.2	57.3	55.6	54.6	54.0
82.5°	36.6	40.0	42.7	44.5	44.3	43.4	42.3	41.8	41.5	40.7	40.6
85°	17.3	18.0	18.9	21.3	22.9	23.2	22.9	22.6	21.6	22.0	22.2
87.5°	6.8	6.7	6.9	6.8	6.4	7.6	8.3	8.4	8.0	7.6	7.1
90°	4.0	3.4	3.0	2.5	1.9	1.4	0.9	0.3	0.9	1.4	1.9
92.5°	4.0	3.6	3.2	3.2	3.5	4.0	4.3	4.6	4.3	4.0	3.5
95°	10.0	12.6	15.2	16.5	16.7	17.0	17.1	17.3	17.1	17.0	16.7
97.5°	25.1	30.2	35.3	37.7	37.3	36.9	36.6	36.2	36.6	36.9	37.3
100°	52.4	52.2	51.8	51.7	51.4	51.2	51.1	50.8	51.1	51.2	51.4
102.5°	67.2	67.1	66.9	66.7	66.5	66.2	66.0	65.7	66.0	66.2	66.5
105°	90.7	90.7	90.7	90.6	90.3	90.1	89.7	89.5	89.7	90.1	90.3
107.5°	114.5	114.4	114.3	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
110°	130.6	130.4	130.4	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	146.3	146.2	146.1	146.0	145.9	145.7	145.5	145.3	145.5	145.7	145.9
115°	169.7	169.6	169.5	169.4	169.0	168.7	168.3	168.0	168.3	168.7	169.0
117.5°	192.0	191.7	191.5	191.4	191.4	191.4	191.4	191.4	191.4	191.4	191.4
120°	206.2	206.0	205.9	205.8	205.9	206.0	206.0	206.0	206.0	206.0	205.9
122.5°	220.3	220.2	220.2	220.0	219.7	219.5	219.2	219.0	219.2	219.5	219.7
125°	241.1	241.1	241.1	240.8	240.3	239.9	239.4	238.9	239.4	239.9	240.3
127.5°	259.4	259.4	259.5	259.3	259.0	258.6	258.3	258.0	258.3	258.6	259.0
130°	271.3	271.3	271.2	271.0	270.7	270.4	270.0	269.7	270.0	270.4	270.7
132.5°	282.8	282.9	283.0	282.9	282.5	282.1	281.7	281.4	281.7	282.1	282.5
135°	299.5	299.5	299.7	299.5	299.2	298.8	298.3	298.0	298.3	298.8	299.2
137.5°	314.5	314.6	314.8	314.6	314.3	313.9	313.6	313.2	313.6	313.9	314.3
140°	323.6	323.7	323.8	323.7	323.6	323.5	323.4	323.2	323.4	323.5	323.6
142.5°	332.9	332.8	332.6	332.5	332.4	332.4	332.3	332.3	332.3	332.4	332.4
145°	346.0	346.0	346.0	345.9	345.9	345.7	345.6	345.4	345.6	345.7	345.9
147.5°	357.1	357.0	356.9	356.9	356.9	357.0	357.0	357.0	357.0	357.0	356.9
150°	364.0	363.9	363.8	363.8	363.9	364.0	364.2	364.3	364.2	364.0	363.9
152.5°	370.4	370.2	370.1	370.1	370.5	370.7	371.1	371.3	371.1	370.7	370.5
155°	378.9	378.8	378.7	378.8	379.2	379.6	380.0	380.5	380.0	379.6	379.2
157.5°	386.4	386.3	386.3	386.5	386.7	386.9	387.2	387.4	387.2	386.9	386.7
160°	390.6	390.5	390.5	390.7	391.1	391.5	391.9	392.3	391.9	391.5	391.1
162.5°	394.5	394.5	394.4	394.6	394.9	395.4	395.8	396.2	395.8	395.4	394.9
165°	399.8	399.7	399.7	399.8	400.2	400.6	401.1	401.4	401.1	400.6	400.2
167.5°	403.6	403.6	403.5	403.6	404.1	404.5	404.9	405.4	404.9	404.5	404.1
170°	405.5	405.5	405.4	405.6	406.1	406.6	407.1	407.5	407.1	406.6	406.1
172.5°	407.2	407.0	406.9	407.1	407.6	408.0	408.5	409.0	408.5	408.0	407.6
175°	408.9	408.8	408.8	409.0	409.3	409.7	410.2	410.5	410.2	409.7	409.3
177.5°	410.0	409.9	409.8	410.0	410.4	410.6	411.0	411.3	411.0	410.6	410.4
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	783.4	779.7	777.1	771.9	768.2	766.6	763.8	763.0	765.9	763.8	763.5
5°	760.1	750.6	743.1	735.6	727.4	722.2	714.3	713.0	711.0	708.1	707.5
7.5°	732.2	719.8	710.2	697.7	686.9	678.2	668.4	663.7	661.2	657.4	652.3
10°	713.3	698.6	685.5	673.1	659.7	648.9	639.1	631.5	626.6	622.1	620.1
12.5°	694.7	679.8	663.1	648.0	633.0	620.9	610.0	605.1	599.7	594.3	589.8
15°	665.9	645.9	627.7	610.3	597.5	584.4	574.0	566.8	558.6	556.4	547.5
17.5°	635.3	615.7	594.3	576.0	561.3	546.8	535.4	527.2	521.0	512.6	508.5
20°	616.2	593.0	572.0	555.3	539.0	522.0	510.2	503.3	497.5	490.6	487.3
22.5°	595.8	573.1	551.6	532.1	515.5	498.7	490.3	483.2	476.6	470.2	465.9
25°	565.8	542.9	520.4	500.1	482.8	470.6	460.8	452.6	449.1	442.8	438.2
27.5°	536.2	511.9	488.4	468.2	454.6	442.6	434.6	428.2	421.6	416.2	412.2
30°	517.1	492.2	466.7	450.7	436.3	424.9	416.0	409.8	404.9	400.0	397.1
32.5°	498.0	472.3	449.7	432.4	418.8	408.9	399.8	393.8	388.7	383.2	379.8
35°	467.4	441.2	422.9	405.9	392.4	383.3	377.1	368.6	364.4	360.4	356.8
37.5°	438.9	414.6	394.8	379.9	368.2	359.1	351.1	346.5	341.3	337.8	334.8
40°	418.0	395.7	377.8	362.1	353.5	343.5	335.9	330.0	326.1	321.5	318.2
42.5°	399.2	378.5	361.0	346.9	336.3	327.7	320.5	314.6	309.6	306.3	303.6
45°	372.6	351.9	334.9	321.8	312.0	303.8	296.4	293.3	286.8	282.9	281.6
47.5°	345.0	326.6	310.1	298.1	288.0	280.3	273.2	267.3	263.6	259.8	257.7
50°	326.4	308.8	293.3	281.6	271.8	263.3	256.8	252.8	247.9	244.4	241.7
52.5°	307.8	291.4	276.1	264.8	256.3	247.9	240.6	236.6	232.0	229.6	227.8
55°	281.3	264.0	250.9	239.7	230.9	223.1	216.2	212.2	209.3	207.1	206.4
57.5°	251.2	237.5	225.3	215.2	206.1	198.7	192.7	189.0	186.4	186.1	184.1
60°	231.5	219.1	208.0	197.3	189.3	182.5	177.3	173.1	170.4	170.0	169.4
62.5°	212.0	200.0	189.7	180.2	173.1	166.5	161.6	156.8	155.2	153.6	152.1
65°	182.8	172.0	163.5	156.0	148.5	142.9	138.0	135.1	131.5	129.5	126.0
67.5°	154.2	145.9	137.7	131.4	125.4	120.2	116.1	111.8	109.3	107.7	105.1
70°	135.4	128.9	120.7	113.8	109.3	105.0	101.7	96.8	95.1	93.8	92.6
72.5°	117.6	111.8	105.0	99.4	94.9	90.8	87.0	84.8	83.2	81.8	81.0
75°	92.6	87.0	81.1	77.1	74.0	70.7	68.7	67.1	66.4	66.0	64.7
77.5°	67.9	65.0	60.3	57.2	55.0	53.7	51.9	51.1	51.1	49.6	49.2
80°	52.0	50.4	46.4	45.1	43.5	42.2	41.2	39.6	38.0	37.3	36.3
82.5°	38.7	37.0	35.5	33.3	32.0	31.2	30.2	29.6	29.8	28.9	28.4
85°	20.6	18.9	18.3	18.0	17.3	18.0	17.7	17.3	17.0	16.7	17.0
87.5°	7.1	7.1	7.0	7.6	6.9	7.2	7.3	7.1	7.2	7.2	7.1
90°	2.5	3.0	3.4	4.0	4.4	4.9	5.2	5.5	5.9	6.2	6.5
92.5°	3.2	3.2	3.6	4.0	4.5	4.9	5.2	5.5	5.9	6.2	6.5
95°	16.5	15.2	12.6	10.0	7.4	4.9	5.2	5.5	5.9	6.2	6.4
97.5°	37.7	35.3	30.2	25.1	20.1	15.0	13.1	11.2	9.2	7.3	6.4
100°	51.7	51.8	52.2	52.4	52.7	53.0	42.9	32.8	22.7	12.7	7.5
102.5°	66.7	66.9	67.1	67.2	67.4	67.6	65.7	63.7	61.8	59.9	56.7
105°	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
107.5°	114.2	114.3	114.4	114.5	114.7	114.8	114.8	114.9	114.9	114.9	114.8
110°	130.3	130.4	130.4	130.6	130.7	130.9	130.7	130.4	130.3	130.1	130.0



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	146.0	146.1	146.2	146.3	146.4	146.5	146.2	145.9	145.7	145.4	145.3
115°	169.4	169.5	169.6	169.7	169.8	169.8	169.5	169.3	169.0	168.8	168.4
117.5°	191.4	191.5	191.7	192.0	192.3	192.5	192.2	191.8	191.5	191.1	190.9
120°	205.8	205.9	206.0	206.2	206.5	206.6	206.6	206.4	206.2	206.1	205.9
122.5°	220.0	220.2	220.2	220.3	220.4	220.5	220.4	220.2	220.2	220.0	219.7
125°	240.8	241.1	241.1	241.1	241.1	241.1	240.7	240.5	240.2	240.0	239.7
127.5°	259.3	259.5	259.4	259.4	259.3	259.3	259.2	259.0	258.8	258.7	258.4
130°	271.0	271.2	271.3	271.3	271.4	271.5	271.3	271.0	270.9	270.7	270.4
132.5°	282.9	283.0	282.9	282.8	282.6	282.4	282.4	282.3	282.3	282.2	282.1
135°	299.5	299.7	299.5	299.5	299.3	299.2	299.0	298.9	298.8	298.6	298.3
137.5°	314.6	314.8	314.6	314.5	314.4	314.3	314.3	314.4	314.4	314.4	314.2
140°	323.7	323.8	323.7	323.6	323.6	323.6	323.6	323.8	323.9	324.1	323.9
142.5°	332.5	332.6	332.8	332.9	332.9	333.0	333.0	333.0	333.1	333.1	332.9
145°	345.9	346.0	346.0	346.0	346.0	346.0	346.1	346.2	346.2	346.3	346.1
147.5°	356.9	356.9	357.0	357.1	357.1	357.2	357.3	357.4	357.5	357.6	357.4
150°	363.8	363.8	363.9	364.0	364.2	364.3	364.5	364.5	364.7	364.8	364.6
152.5°	370.1	370.1	370.2	370.4	370.5	370.7	370.7	370.9	371.0	371.2	371.0
155°	378.8	378.7	378.8	378.9	379.1	379.2	379.4	379.6	379.8	380.0	379.9
157.5°	386.5	386.3	386.3	386.4	386.4	386.4	386.6	386.8	387.0	387.3	387.1
160°	390.7	390.5	390.5	390.6	390.7	390.8	391.1	391.3	391.6	391.8	391.8
162.5°	394.6	394.4	394.5	394.5	394.6	394.7	395.0	395.5	395.8	396.2	396.1
165°	399.8	399.7	399.7	399.8	399.8	399.9	400.3	400.7	401.1	401.6	401.5
167.5°	403.6	403.5	403.6	403.6	403.7	403.7	404.2	404.8	405.2	405.7	405.6
170°	405.6	405.4	405.5	405.5	405.6	405.7	406.2	406.7	407.3	407.9	407.9
172.5°	407.1	406.9	407.0	407.2	407.3	407.4	407.9	408.4	408.9	409.3	409.3
175°	409.0	408.8	408.8	408.9	409.0	409.1	409.6	410.1	410.7	411.2	411.2
177.5°	410.0	409.8	409.9	410.0	410.0	410.1	410.4	410.9	411.2	411.6	411.6
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.3	760.3	759.6	760.6	759.6	760.3	763.3	763.5	763.8	765.9	763.0
5°	704.2	700.9	702.6	701.9	702.6	700.9	704.2	707.5	708.1	711.0	713.0
7.5°	652.2	648.2	643.9	645.2	643.9	648.2	652.2	652.3	657.4	661.2	663.7
10°	615.9	612.6	610.6	612.3	610.6	612.6	615.9	620.1	622.1	626.6	631.5
12.5°	585.2	583.3	581.6	580.9	581.6	583.3	585.2	589.8	594.3	599.7	605.1
15°	543.5	539.7	538.0	533.8	538.0	539.7	543.5	547.5	556.4	558.6	566.8
17.5°	505.1	503.9	499.6	497.8	499.6	503.9	505.1	508.5	512.6	521.0	527.2
20°	482.4	481.1	476.9	479.5	476.9	481.1	482.4	487.3	490.6	497.5	503.3
22.5°	463.6	460.7	459.3	458.6	459.3	460.7	463.6	465.9	470.2	476.6	483.2
25°	437.0	432.7	431.1	429.1	431.1	432.7	437.0	438.2	442.8	449.1	452.6
27.5°	410.4	408.1	406.0	405.4	406.0	408.1	410.4	412.2	416.2	421.6	428.2
30°	393.1	390.8	389.2	389.2	389.2	390.8	393.1	397.1	400.0	404.9	409.8
32.5°	377.7	375.9	374.3	374.0	374.3	375.9	377.7	379.8	383.2	388.7	393.8
35°	355.2	352.6	351.9	350.0	351.9	352.6	355.2	356.8	360.4	364.4	368.6
37.5°	331.8	329.7	329.6	329.4	329.6	329.7	331.8	334.8	337.8	341.3	346.5
40°	316.9	315.3	315.0	312.7	315.0	315.3	316.9	318.2	321.5	326.1	330.0
42.5°	301.0	300.1	299.0	298.0	299.0	300.1	301.0	303.6	306.3	309.6	314.6
45°	279.3	277.1	277.1	275.4	277.1	277.1	279.3	281.6	282.9	286.8	293.3
47.5°	256.9	255.2	255.4	253.7	255.4	255.2	256.9	257.7	259.8	263.6	267.3
50°	242.0	241.1	240.7	240.0	240.7	241.1	242.0	241.7	244.4	247.9	252.8
52.5°	227.1	226.7	227.9	226.4	227.9	226.7	227.1	227.8	229.6	232.0	236.6
55°	207.1	206.0	208.0	206.0	208.0	206.0	207.1	206.4	207.1	209.3	212.2
57.5°	183.9	183.0	184.8	183.8	184.8	183.0	183.9	184.1	186.1	186.4	189.0
60°	168.8	166.8	167.8	168.2	167.8	166.8	168.8	169.4	170.0	170.4	173.1
62.5°	150.7	149.6	150.2	148.8	150.2	149.6	150.7	152.1	153.6	155.2	156.8
65°	125.3	124.3	123.0	122.3	123.0	124.3	125.3	126.0	129.5	131.5	135.1
67.5°	105.2	102.9	102.8	103.3	102.8	102.9	105.2	105.1	107.7	109.3	111.8
70°	90.6	90.6	90.2	90.2	90.2	90.6	90.6	92.6	93.8	95.1	96.8
72.5°	80.4	80.2	79.6	79.3	79.6	80.2	80.4	81.0	81.8	83.2	84.8
75°	64.7	65.1	64.4	64.1	64.4	65.1	64.7	64.7	66.0	66.4	67.1
77.5°	47.8	46.4	47.2	46.4	47.2	46.4	47.8	49.2	49.6	51.1	51.1
80°	36.3	36.0	36.9	36.0	36.9	36.0	36.3	36.3	37.3	38.0	39.6
82.5°	28.8	28.4	28.8	28.2	28.8	28.4	28.8	28.4	28.9	29.8	29.6
85°	17.3	17.0	16.7	17.0	16.7	17.0	17.3	17.0	16.7	17.0	17.3
87.5°	7.3	7.1	7.1	7.2	7.1	7.1	7.3	7.1	7.2	7.2	7.1
90°	6.7	6.9	7.1	7.3	7.1	6.9	6.7	6.5	6.2	5.9	5.5
92.5°	6.5	6.6	6.7	6.8	6.7	6.6	6.5	6.5	6.2	5.9	5.5
95°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	5.9	5.5
97.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.3	9.2	11.2
100°	7.2	7.0	6.6	6.4	6.6	7.0	7.2	7.5	12.7	22.7	32.8
102.5°	52.1	47.5	42.9	38.3	42.9	47.5	52.1	56.7	59.9	61.8	63.7
105°	90.6	90.5	90.5	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7
107.5°	114.6	114.3	114.2	113.9	114.2	114.3	114.6	114.8	114.9	114.9	114.9
110°	130.1	130.1	130.2	130.3	130.2	130.1	130.1	130.0	130.1	130.3	130.4



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	145.2	145.1	145.0	144.9	145.0	145.1	145.2	145.3	145.4	145.7	145.9
115°	168.0	167.6	167.2	166.8	167.2	167.6	168.0	168.4	168.8	169.0	169.3
117.5°	190.7	190.5	190.4	190.2	190.4	190.5	190.7	190.9	191.1	191.5	191.8
120°	205.5	205.2	204.8	204.5	204.8	205.2	205.5	205.9	206.1	206.2	206.4
122.5°	219.3	219.0	218.5	218.2	218.5	219.0	219.3	219.7	220.0	220.2	220.2
125°	239.5	239.4	239.1	238.9	239.1	239.4	239.5	239.7	240.0	240.2	240.5
127.5°	257.9	257.4	256.9	256.4	256.9	257.4	257.9	258.4	258.7	258.8	259.0
130°	270.1	269.8	269.4	269.1	269.4	269.8	270.1	270.4	270.7	270.9	271.0
132.5°	281.7	281.4	281.0	280.8	281.0	281.4	281.7	282.1	282.2	282.3	282.3
135°	298.0	297.6	297.1	296.7	297.1	297.6	298.0	298.3	298.6	298.8	298.9
137.5°	313.8	313.5	313.1	312.8	313.1	313.5	313.8	314.2	314.4	314.4	314.4
140°	323.6	323.1	322.7	322.3	322.7	323.1	323.6	323.9	324.1	323.9	323.8
142.5°	332.5	332.1	331.7	331.3	331.7	332.1	332.5	332.9	333.1	333.1	333.0
145°	345.8	345.3	344.9	344.5	344.9	345.3	345.8	346.1	346.3	346.2	346.2
147.5°	356.9	356.4	355.9	355.4	355.9	356.4	356.9	357.4	357.6	357.5	357.4
150°	364.1	363.6	363.0	362.5	363.0	363.6	364.1	364.6	364.8	364.7	364.5
152.5°	370.5	370.1	369.5	369.0	369.5	370.1	370.5	371.0	371.2	371.0	370.9
155°	379.4	378.8	378.2	377.7	378.2	378.8	379.4	379.9	380.0	379.8	379.6
157.5°	386.6	386.0	385.5	385.0	385.5	386.0	386.6	387.1	387.3	387.0	386.8
160°	391.2	390.6	390.1	389.6	390.1	390.6	391.2	391.8	391.8	391.6	391.3
162.5°	395.5	394.9	394.3	393.7	394.3	394.9	395.5	396.1	396.2	395.8	395.5
165°	401.0	400.4	399.8	399.3	399.8	400.4	401.0	401.5	401.6	401.1	400.7
167.5°	405.0	404.4	403.8	403.2	403.8	404.4	405.0	405.6	405.7	405.2	404.8
170°	407.3	406.7	406.0	405.4	406.0	406.7	407.3	407.9	407.9	407.3	406.7
172.5°	408.7	408.0	407.4	406.8	407.4	408.0	408.7	409.3	409.3	408.9	408.4
175°	410.5	409.9	409.3	408.7	409.3	409.9	410.5	411.2	411.2	410.7	410.1
177.5°	411.1	410.7	410.3	409.8	410.3	410.7	411.1	411.6	411.6	411.2	410.9
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.8	766.6	768.2	771.9	777.1	779.7	783.4	786.0	789.7	794.1	797.8
5°	714.3	722.2	727.4	735.6	743.1	750.6	760.1	767.0	776.1	786.6	794.8
7.5°	668.4	678.2	686.9	697.7	710.2	719.8	732.2	744.8	759.1	774.0	788.0
10°	639.1	648.9	659.7	673.1	685.5	698.6	713.3	728.1	746.1	762.8	781.7
12.5°	610.0	620.9	633.0	648.0	663.1	679.8	694.7	711.3	730.6	752.3	772.6
15°	574.0	584.4	597.5	610.3	627.7	645.9	665.9	687.9	709.4	733.7	758.8
17.5°	535.4	546.8	561.3	576.0	594.3	615.7	635.3	659.3	683.5	711.8	741.4
20°	510.2	522.0	539.0	555.3	572.0	593.0	616.2	640.8	666.6	696.3	729.4
22.5°	490.3	498.7	515.5	532.1	551.6	573.1	595.8	621.4	649.5	680.4	715.0
25°	460.8	470.6	482.8	500.1	520.4	542.9	565.8	593.0	623.7	655.1	692.1
27.5°	434.6	442.6	454.6	468.2	488.4	511.9	536.2	564.6	596.1	628.0	666.9
30°	416.0	424.9	436.3	450.7	466.7	492.2	517.1	544.9	577.0	610.0	649.9
32.5°	399.8	408.9	418.8	432.4	449.7	472.3	498.0	525.3	557.8	591.9	630.8
35°	377.1	383.3	392.4	405.9	422.9	441.2	467.4	496.2	527.9	563.2	602.1
37.5°	351.1	359.1	368.2	379.9	394.8	414.6	438.9	468.0	497.5	531.3	566.8
40°	335.9	343.5	353.5	362.1	377.8	395.7	418.0	448.4	477.9	509.5	541.9
42.5°	320.5	327.7	336.3	346.9	361.0	378.5	399.2	427.5	459.0	488.9	516.1
45°	296.4	303.8	312.0	321.8	334.9	351.9	372.6	398.4	425.9	453.3	473.9
47.5°	273.2	280.3	288.0	298.1	310.1	326.6	345.0	367.8	394.5	417.8	432.6
50°	256.8	263.3	271.8	281.6	293.3	308.8	326.4	349.0	371.3	392.4	405.9
52.5°	240.6	247.9	256.3	264.8	276.1	291.4	307.8	327.3	348.4	365.8	376.9
55°	216.2	223.1	230.9	239.7	250.9	264.0	281.3	296.6	313.3	328.0	334.6
57.5°	192.7	198.7	206.1	215.2	225.3	237.5	251.2	266.0	277.8	288.2	295.6
60°	177.3	182.5	189.3	197.3	208.0	219.1	231.5	245.3	254.4	263.3	270.2
62.5°	161.6	166.5	173.1	180.2	189.7	200.0	212.0	223.1	232.0	237.9	245.8
65°	138.0	142.9	148.5	156.0	163.5	172.0	182.8	191.0	197.3	203.8	208.7
67.5°	116.1	120.2	125.4	131.4	137.7	145.9	154.2	161.0	165.3	169.2	175.1
70°	101.7	105.0	109.3	113.8	120.7	128.9	135.4	140.6	143.6	147.5	154.7
72.5°	87.0	90.8	94.9	99.4	105.0	111.8	117.6	122.9	124.8	127.9	132.4
75°	68.7	70.7	74.0	77.1	81.1	87.0	92.6	93.8	95.5	98.2	101.4
77.5°	51.9	53.7	55.0	57.2	60.3	65.0	67.9	69.9	70.3	71.3	74.5
80°	41.2	42.2	43.5	45.1	46.4	50.4	52.0	54.0	54.6	55.6	57.3
82.5°	30.2	31.2	32.0	33.3	35.5	37.0	38.7	40.6	40.7	41.5	41.8
85°	17.7	18.0	17.3	18.0	18.3	18.9	20.6	22.2	22.0	21.6	22.6
87.5°	7.3	7.2	6.9	7.6	7.0	7.1	7.1	7.1	7.6	8.0	8.4
90°	5.2	4.9	4.4	4.0	3.4	3.0	2.5	1.9	1.4	0.9	0.3
92.5°	5.2	4.9	4.5	4.0	3.6	3.2	3.2	3.5	4.0	4.3	4.6
95°	5.2	4.9	7.4	10.0	12.6	15.2	16.5	16.7	17.0	17.1	17.3
97.5°	13.1	15.0	20.1	25.1	30.2	35.3	37.7	37.3	36.9	36.6	36.2
100°	42.9	53.0	52.7	52.4	52.2	51.8	51.7	51.4	51.2	51.1	50.8
102.5°	65.7	67.6	67.4	67.2	67.1	66.9	66.7	66.5	66.2	66.0	65.7
105°	90.7	90.7	90.7	90.7	90.7	90.7	90.6	90.3	90.1	89.7	89.5
107.5°	114.8	114.8	114.7	114.5	114.4	114.3	114.2	114.2	114.2	114.2	114.2
110°	130.7	130.9	130.7	130.6	130.4	130.4	130.3	130.3	130.3	130.3	130.3



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	146.2	146.5	146.4	146.3	146.2	146.1	146.0	145.9	145.7	145.5	145.3
115°	169.5	169.8	169.8	169.7	169.6	169.5	169.4	169.0	168.7	168.3	168.0
117.5°	192.2	192.5	192.3	192.0	191.7	191.5	191.4	191.4	191.4	191.4	191.4
120°	206.6	206.6	206.5	206.2	206.0	205.9	205.8	205.9	206.0	206.0	206.0
122.5°	220.4	220.5	220.4	220.3	220.2	220.2	220.0	219.7	219.5	219.2	219.0
125°	240.7	241.1	241.1	241.1	241.1	241.1	240.8	240.3	239.9	239.4	238.9
127.5°	259.2	259.3	259.3	259.4	259.4	259.5	259.3	259.0	258.6	258.3	258.0
130°	271.3	271.5	271.4	271.3	271.3	271.2	271.0	270.7	270.4	270.0	269.7
132.5°	282.4	282.4	282.6	282.8	282.9	283.0	282.9	282.5	282.1	281.7	281.4
135°	299.0	299.2	299.3	299.5	299.5	299.7	299.5	299.2	298.8	298.3	298.0
137.5°	314.3	314.3	314.4	314.5	314.6	314.8	314.6	314.3	313.9	313.6	313.2
140°	323.6	323.6	323.6	323.6	323.7	323.8	323.7	323.6	323.5	323.4	323.2
142.5°	333.0	333.0	332.9	332.9	332.8	332.6	332.5	332.4	332.4	332.3	332.3
145°	346.1	346.0	346.0	346.0	346.0	346.0	345.9	345.9	345.7	345.6	345.4
147.5°	357.3	357.2	357.1	357.1	357.0	356.9	356.9	356.9	357.0	357.0	357.0
150°	364.5	364.3	364.2	364.0	363.9	363.8	363.8	363.9	364.0	364.2	364.3
152.5°	370.7	370.7	370.5	370.4	370.2	370.1	370.1	370.5	370.7	371.1	371.3
155°	379.4	379.2	379.1	378.9	378.8	378.7	378.8	379.2	379.6	380.0	380.5
157.5°	386.6	386.4	386.4	386.4	386.3	386.3	386.5	386.7	386.9	387.2	387.4
160°	391.1	390.8	390.7	390.6	390.5	390.5	390.7	391.1	391.5	391.9	392.3
162.5°	395.0	394.7	394.6	394.5	394.5	394.4	394.6	394.9	395.4	395.8	396.2
165°	400.3	399.9	399.8	399.8	399.7	399.7	399.8	400.2	400.6	401.1	401.4
167.5°	404.2	403.7	403.7	403.6	403.6	403.5	403.6	404.1	404.5	404.9	405.4
170°	406.2	405.7	405.6	405.5	405.5	405.4	405.6	406.1	406.6	407.1	407.5
172.5°	407.9	407.4	407.3	407.2	407.0	406.9	407.1	407.6	408.0	408.5	409.0
175°	409.6	409.1	409.0	408.9	408.8	408.8	409.0	409.3	409.7	410.2	410.5
177.5°	410.4	410.1	410.0	410.0	409.9	409.8	410.0	410.4	410.6	411.0	411.3
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	800.6	803.1	806.4	810.4	813.5	816.9	818.7	818.7	820.3	823.7	828.1
5°	803.0	811.5	819.7	830.1	838.3	847.7	855.0	861.9	868.1	875.9	884.1
7.5°	802.3	816.4	831.1	847.7	865.8	880.3	895.1	906.8	918.3	933.3	945.2
10°	799.7	818.0	837.9	858.8	881.8	901.7	919.7	936.1	951.7	968.1	982.8
12.5°	795.0	818.3	842.7	867.8	896.7	919.5	942.7	960.2	978.4	996.3	1014.5
15°	787.9	815.4	844.8	879.9	915.2	940.6	963.5	986.1	1003.2	1023.4	1040.8
17.5°	773.4	808.7	845.8	884.0	917.9	947.6	971.6	993.1	1011.2	1033.5	1057.0
20°	764.7	803.0	841.5	882.4	914.8	945.2	968.5	990.7	1013.2	1042.4	1071.2
22.5°	752.7	793.5	834.5	873.3	907.5	936.9	960.9	988.1	1017.7	1050.8	1085.5
25°	733.7	775.8	816.4	853.3	886.7	916.8	949.5	986.1	1022.1	1065.6	1115.6
27.5°	709.5	750.2	786.4	825.4	858.6	896.8	937.6	977.3	1029.2	1089.1	1151.6
30°	691.4	730.0	764.4	801.3	839.0	881.1	927.0	973.7	1035.5	1105.8	1180.1
32.5°	670.5	705.4	739.5	775.2	818.6	864.9	913.6	970.8	1044.7	1124.6	1201.5
35°	634.2	665.6	698.6	738.2	784.3	834.7	896.8	966.5	1055.8	1141.8	1210.8
37.5°	596.2	620.9	654.1	695.8	746.1	804.3	874.9	959.5	1051.2	1128.4	1157.8
40°	566.8	590.0	625.0	668.8	718.6	782.4	861.5	948.5	1040.8	1094.3	1092.1
42.5°	537.8	561.3	595.0	639.0	690.9	762.2	843.7	934.1	1011.9	1032.3	989.8
45°	493.2	515.1	548.2	592.6	648.2	723.2	808.8	895.5	945.2	912.2	827.9
47.5°	447.8	469.1	499.7	543.3	604.0	682.4	763.4	834.6	841.5	770.6	669.3
50°	418.0	437.9	467.1	513.5	572.4	648.9	727.1	783.0	765.7	679.0	574.6
52.5°	388.9	408.1	435.4	479.2	539.4	614.4	684.2	728.1	687.9	595.8	502.0
55°	346.0	364.4	391.8	432.0	486.6	555.3	616.6	632.6	573.7	480.8	404.9
57.5°	305.3	318.7	345.9	381.4	434.1	494.6	538.5	535.6	470.6	387.0	332.6
60°	278.4	290.4	316.2	349.0	399.0	453.3	484.1	471.0	405.3	336.2	283.9
62.5°	253.2	264.5	286.2	316.2	359.3	406.5	428.9	410.8	348.7	288.1	246.5
65°	215.2	223.4	240.7	268.5	302.2	334.9	354.9	328.4	273.5	227.6	196.2
67.5°	179.7	186.8	202.2	222.1	245.4	267.9	276.0	251.2	208.4	177.6	155.5
70°	156.7	163.2	173.7	192.3	207.7	223.7	227.6	205.4	169.8	146.2	132.4
72.5°	134.7	140.7	149.9	163.0	173.7	182.9	184.8	164.0	136.8	120.5	109.9
75°	102.7	108.0	113.8	118.7	125.6	127.3	126.6	110.6	95.8	85.1	79.1
77.5°	75.5	77.7	81.3	83.2	83.5	83.4	80.1	69.9	62.3	57.9	55.4
80°	58.2	59.8	60.9	61.5	61.8	58.5	54.9	48.7	46.1	43.5	40.6
82.5°	42.3	43.4	44.3	44.5	42.7	40.0	36.6	33.6	31.7	30.4	29.3
85°	22.9	23.2	22.9	21.3	18.9	18.0	17.3	16.7	16.4	16.0	16.0
87.5°	8.3	7.6	6.4	6.8	6.9	6.7	6.8	6.6	6.5	6.5	6.6
90°	0.9	1.4	1.9	2.5	3.0	3.4	4.0	4.4	4.9	5.2	5.5
92.5°	4.3	4.0	3.5	3.2	3.2	3.6	4.0	4.5	4.9	5.2	5.5
95°	17.1	17.0	16.7	16.5	15.2	12.6	10.0	7.4	4.9	5.2	5.5
97.5°	36.6	36.9	37.3	37.7	35.3	30.2	25.1	20.1	15.0	13.1	11.2
100°	51.1	51.2	51.4	51.7	51.8	52.2	52.4	52.7	53.0	42.9	32.8
102.5°	66.0	66.2	66.5	66.7	66.9	67.1	67.2	67.4	67.6	65.7	63.7
105°	89.7	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
107.5°	114.2	114.2	114.2	114.2	114.3	114.4	114.5	114.7	114.8	114.8	114.9
110°	130.3	130.3	130.3	130.3	130.4	130.4	130.6	130.7	130.9	130.7	130.4



TEST NUMBER: P333520-935

CATALOG NUMBER: S125RDIP-S610D365U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	145.5	145.7	145.9	146.0	146.1	146.2	146.3	146.4	146.5	146.2	145.9
115°	168.3	168.7	169.0	169.4	169.5	169.6	169.7	169.8	169.8	169.5	169.3
117.5°	191.4	191.4	191.4	191.4	191.5	191.7	192.0	192.3	192.5	192.2	191.8
120°	206.0	206.0	205.9	205.8	205.9	206.0	206.2	206.5	206.6	206.6	206.4
122.5°	219.2	219.5	219.7	220.0	220.2	220.2	220.3	220.4	220.5	220.4	220.2
125°	239.4	239.9	240.3	240.8	241.1	241.1	241.1	241.1	241.1	240.7	240.5
127.5°	258.3	258.6	259.0	259.3	259.5	259.4	259.4	259.3	259.3	259.2	259.0
130°	270.0	270.4	270.7	271.0	271.2	271.3	271.3	271.4	271.5	271.3	271.0
132.5°	281.7	282.1	282.5	282.9	283.0	282.9	282.8	282.6	282.4	282.4	282.3
135°	298.3	298.8	299.2	299.5	299.7	299.5	299.5	299.3	299.2	299.0	298.9
137.5°	313.6	313.9	314.3	314.6	314.8	314.6	314.5	314.4	314.3	314.3	314.4
140°	323.4	323.5	323.6	323.7	323.8	323.7	323.6	323.6	323.6	323.6	323.8
142.5°	332.3	332.4	332.4	332.5	332.6	332.8	332.9	332.9	333.0	333.0	333.0
145°	345.6	345.7	345.9	345.9	346.0	346.0	346.0	346.0	346.0	346.1	346.2
147.5°	357.0	357.0	356.9	356.9	356.9	357.0	357.1	357.1	357.2	357.3	357.4
150°	364.2	364.0	363.9	363.8	363.8	363.9	364.0	364.2	364.3	364.5	364.5
152.5°	371.1	370.7	370.5	370.1	370.1	370.2	370.4	370.5	370.7	370.7	370.9
155°	380.0	379.6	379.2	378.8	378.7	378.8	378.9	379.1	379.2	379.4	379.6
157.5°	387.2	386.9	386.7	386.5	386.3	386.3	386.4	386.4	386.4	386.6	386.8
160°	391.9	391.5	391.1	390.7	390.5	390.5	390.6	390.7	390.8	391.1	391.3
162.5°	395.8	395.4	394.9	394.6	394.4	394.5	394.5	394.6	394.7	395.0	395.5
165°	401.1	400.6	400.2	399.8	399.7	399.7	399.8	399.8	399.9	400.3	400.7
167.5°	404.9	404.5	404.1	403.6	403.5	403.6	403.6	403.7	403.7	404.2	404.8
170°	407.1	406.6	406.1	405.6	405.4	405.5	405.5	405.6	405.7	406.2	406.7
172.5°	408.5	408.0	407.6	407.1	406.9	407.0	407.2	407.3	407.4	407.9	408.4
175°	410.2	409.7	409.3	409.0	408.8	408.8	408.9	409.0	409.1	409.6	410.1
177.5°	411.0	410.6	410.4	410.0	409.8	409.9	410.0	410.0	410.1	410.4	410.9
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5	410.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	831.6	831.6	836.0	835.7	838.6	837.6	838.1
5°	893.9	899.4	904.3	907.6	912.5	913.9	913.2
7.5°	958.6	970.9	976.9	985.2	986.6	990.9	990.5
10°	998.5	1010.6	1019.8	1027.0	1030.6	1035.2	1035.5
12.5°	1029.9	1040.2	1048.4	1055.0	1059.4	1060.8	1061.7
15°	1054.5	1065.9	1075.4	1084.9	1090.5	1094.7	1097.0
17.5°	1079.2	1096.8	1113.6	1126.5	1134.2	1140.7	1140.7
20°	1098.3	1118.6	1139.5	1154.3	1169.2	1175.8	1176.8
22.5°	1118.7	1149.7	1176.6	1199.5	1219.3	1226.1	1228.6
25°	1161.1	1201.6	1243.2	1275.2	1298.1	1311.6	1313.5
27.5°	1212.3	1267.2	1310.9	1340.5	1359.5	1369.4	1371.6
30°	1248.4	1299.1	1338.3	1360.6	1369.4	1370.7	1365.8
32.5°	1264.6	1302.5	1318.2	1316.9	1299.6	1288.1	1283.7
35°	1244.8	1237.0	1198.7	1152.9	1117.9	1095.7	1089.8
37.5°	1132.8	1065.1	994.7	925.6	888.7	870.0	837.8
40°	1022.4	925.9	852.6	794.4	752.9	719.5	711.7
42.5°	897.9	798.2	725.0	675.1	642.0	619.1	609.2
45°	721.5	635.8	575.3	537.0	511.5	494.8	487.3
47.5°	577.0	510.7	466.7	438.3	418.9	404.4	400.4
50°	497.8	444.8	407.5	383.7	368.9	357.8	353.3
52.5°	432.4	389.6	360.9	341.3	327.4	320.4	316.6
55°	356.8	319.9	299.3	283.5	275.7	270.2	267.5
57.5°	291.8	265.1	250.0	239.2	232.0	228.4	227.1
60°	255.5	234.5	220.8	212.2	207.3	202.8	201.5
62.5°	223.3	206.8	196.1	188.7	183.8	181.8	181.1
65°	179.9	169.1	161.3	156.7	152.7	152.1	151.8
67.5°	143.0	136.6	132.5	127.8	126.4	124.1	123.6
70°	122.3	118.0	113.1	111.5	109.9	107.6	108.0
72.5°	103.8	99.5	96.2	94.0	93.4	92.5	93.2
75°	75.9	74.6	73.3	71.6	70.9	70.9	70.7
77.5°	54.2	53.0	51.6	50.6	50.5	49.1	49.6
80°	39.3	37.6	36.9	37.3	36.3	36.0	36.0
82.5°	29.0	28.4	27.8	27.9	27.6	27.4	27.6
85°	16.0	15.7	15.7	15.4	15.4	15.1	15.1
87.5°	7.0	7.2	6.8	6.5	6.6	6.9	7.2
90°	5.9	6.2	6.5	6.7	6.9	7.1	7.3
92.5°	5.9	6.2	6.5	6.5	6.6	6.7	6.8
95°	5.9	6.2	6.4	6.4	6.4	6.4	6.4
97.5°	9.2	7.3	6.4	6.4	6.4	6.4	6.4
100°	22.7	12.7	7.5	7.2	7.0	6.6	6.4
102.5°	61.8	59.9	56.7	52.1	47.5	42.9	38.3
105°	90.7	90.7	90.7	90.6	90.5	90.5	90.4
107.5°	114.9	114.9	114.8	114.6	114.3	114.2	113.9
110°	130.3	130.1	130.0	130.1	130.1	130.2	130.3



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	145.7	145.4	145.3	145.2	145.1	145.0	144.9
115°	169.0	168.8	168.4	168.0	167.6	167.2	166.8
117.5°	191.5	191.1	190.9	190.7	190.5	190.4	190.2
120°	206.2	206.1	205.9	205.5	205.2	204.8	204.5
122.5°	220.2	220.0	219.7	219.3	219.0	218.5	218.2
125°	240.2	240.0	239.7	239.5	239.4	239.1	238.9
127.5°	258.8	258.7	258.4	257.9	257.4	256.9	256.4
130°	270.9	270.7	270.4	270.1	269.8	269.4	269.1
132.5°	282.3	282.2	282.1	281.7	281.4	281.0	280.8
135°	298.8	298.6	298.3	298.0	297.6	297.1	296.7
137.5°	314.4	314.4	314.2	313.8	313.5	313.1	312.8
140°	323.9	324.1	323.9	323.6	323.1	322.7	322.3
142.5°	333.1	333.1	332.9	332.5	332.1	331.7	331.3
145°	346.2	346.3	346.1	345.8	345.3	344.9	344.5
147.5°	357.5	357.6	357.4	356.9	356.4	355.9	355.4
150°	364.7	364.8	364.6	364.1	363.6	363.0	362.5
152.5°	371.0	371.2	371.0	370.5	370.1	369.5	369.0
155°	379.8	380.0	379.9	379.4	378.8	378.2	377.7
157.5°	387.0	387.3	387.1	386.6	386.0	385.5	385.0
160°	391.6	391.8	391.8	391.2	390.6	390.1	389.6
162.5°	395.8	396.2	396.1	395.5	394.9	394.3	393.7
165°	401.1	401.6	401.5	401.0	400.4	399.8	399.3
167.5°	405.2	405.7	405.6	405.0	404.4	403.8	403.2
170°	407.3	407.9	407.9	407.3	406.7	406.0	405.4
172.5°	408.9	409.3	409.3	408.7	408.0	407.4	406.8
175°	410.7	411.2	411.2	410.5	409.9	409.3	408.7
177.5°	411.2	411.6	411.6	411.1	410.7	410.3	409.8
180°	410.5	410.5	410.5	410.5	410.5	410.5	410.5

(END OF REPORT)