

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: P333377-927

Luminaire Tested: **S125DIW-S610D770U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333377-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S610D770U927-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4111.0 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

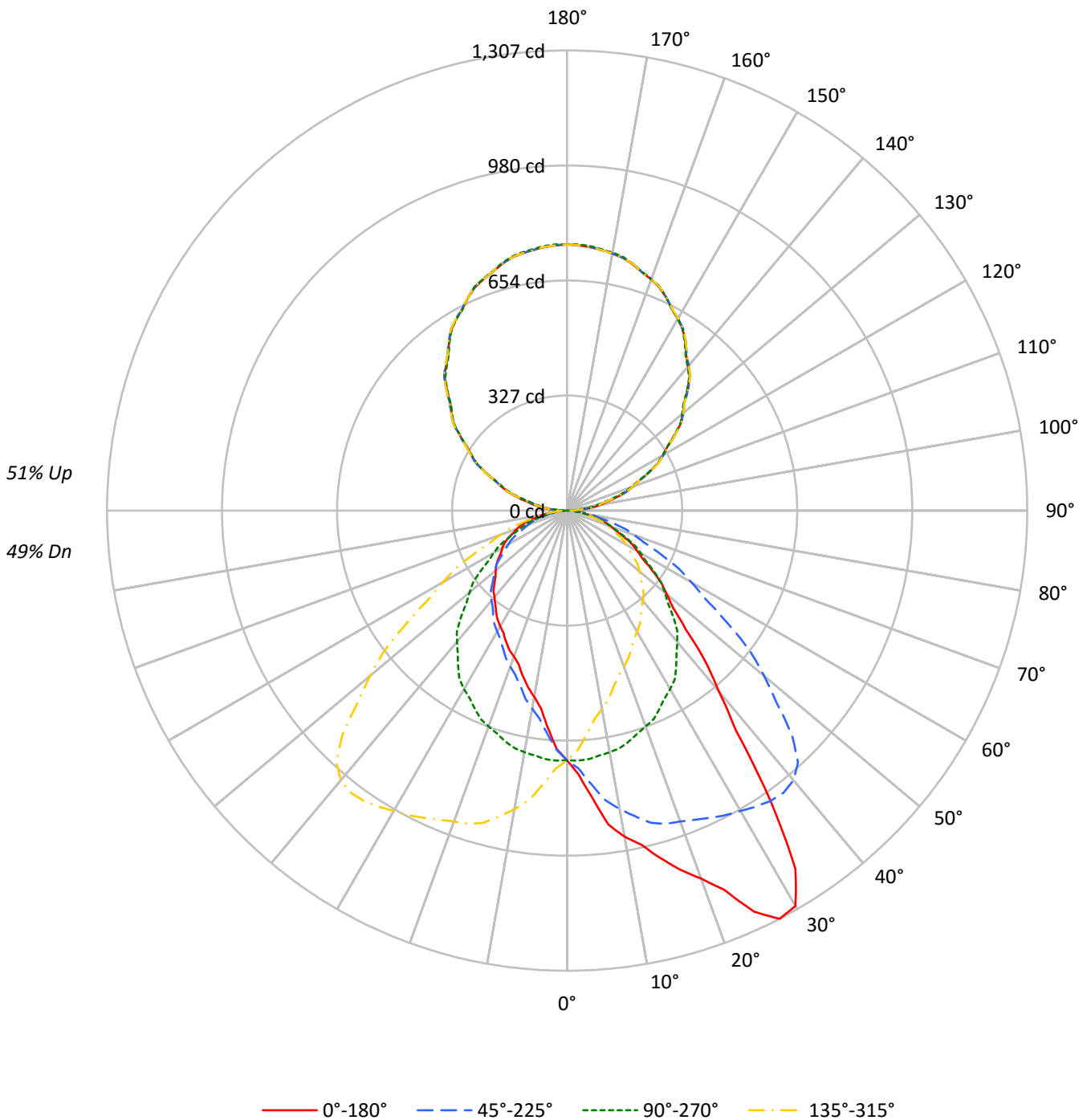
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49
1	98	93	90	86	90	86	83	80	73	70	68	60	59	57	49	48	47	41
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	43	41	40	35
3	81	72	65	59	75	67	60	55	57	52	48	47	44	41	38	36	34	30
4	75	64	56	50	68	59	52	47	50	45	41	42	38	35	34	32	29	26
5	68	57	49	43	63	53	46	40	45	40	35	38	34	31	31	28	26	22
6	63	51	43	37	58	47	40	35	41	35	31	34	30	27	28	25	23	20
7	58	46	38	33	54	43	36	31	37	31	27	31	27	24	26	23	20	18
8	54	42	34	29	50	39	32	27	34	28	24	28	24	21	24	20	18	16
9	50	38	31	26	46	36	29	24	31	25	22	26	22	19	22	19	16	14
10	47	35	28	23	43	33	26	22	28	23	19	24	20	17	20	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4579	4579	4579	4579
5°	5302	4595	4023	4595
10°	6169	4571	3525	4571
15°	6829	4537	3251	4537
20°	7644	4484	3032	4484
25°	8955	4424	2925	4424
30°	9672	4365	2832	4365
35°	7953	4254	2771	4254
40°	5653	4100	2705	4100
45°	4343	3892	2666	3892
50°	3706	3634	2661	3634
55°	3300	3381	2684	3381
60°	2977	3105	2753	3105
65°	2751	2829	2823	2829
70°	2500	2540	2865	2540
75°	2208	2238	2840	2238
80°	1860	1822	2596	1822
85°	1475	1312	2097	1312



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.3	1.7
10°-20°	203.2	4.9
20°-30°	330.0	8.0
30°-40°	402.5	9.8
40°-50°	366.2	8.9
50°-60°	291.7	7.1
60°-70°	203.2	4.9
70°-80°	108.3	2.6
80°-90°	29.0	0.7
90°-100°	50.6	1.2
100°-110°	149.5	3.6
110°-120°	253.2	6.2
120°-130°	333.2	8.1
130°-140°	373.3	9.1
140°-150°	365.9	8.9
150°-160°	307.3	7.5
160°-170°	204.3	5.0
170°-180°	71.5	1.7
0°-30°	601.5	14.6
0°-40°	1004.0	24.4
0°-60°	1661.8	40.4
0°-90°	2002.3	48.7
90°-120°	453.2	11.0
90°-150°	1525.6	37.1
90°-180°	2109.0	51.3
0°-180°	4111.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	709	709	709	709	709	
5°	818	709	620	709	818	82
15°	1021	679	486	679	1021	292
25°	1257	621	410	621	1257	574
35°	1009	540	352	540	1009	617
45°	476	426	292	426	476	381
55°	293	300	238	300	293	264
65°	180	185	185	185	180	179
75°	88	90	114	90	88	95
85°	20	18	28	18	20	23
90°	14	1	14	1	14	9
95°	50	38	50	38	50	51
105°	146	134	146	134	146	155
115°	256	254	256	254	256	253
125°	372	370	372	370	372	332
135°	483	481	483	481	483	372
145°	585	583	585	583	585	365
155°	667	667	667	667	667	307
165°	723	725	723	725	723	204
175°	751	754	751	754	751	71
180°	756	756	756	756	756	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	750.0	748.9	748.0	746.1	747.5	743.4	741.5	738.2	734.0	732.6	730.9
5°	817.9	819.4	820.9	814.6	815.2	811.0	801.4	793.5	787.3	779.1	773.4
7.5°	899.8	896.2	896.0	891.8	884.8	879.2	869.0	856.1	843.7	829.5	817.8
10°	940.7	941.0	938.3	933.5	926.0	920.5	907.3	894.7	879.3	861.3	848.3
12.5°	971.5	972.8	969.4	962.9	959.2	947.1	936.7	921.6	903.4	889.0	869.3
15°	1021.4	1018.0	1015.7	1007.5	1001.2	988.6	972.0	956.3	936.5	918.1	899.8
17.5°	1069.4	1072.1	1067.5	1060.1	1040.5	1025.7	1003.5	982.1	957.4	932.8	910.9
20°	1112.2	1114.7	1107.7	1094.8	1071.3	1056.5	1027.4	999.7	971.1	939.5	915.4
22.5°	1165.7	1163.8	1154.4	1134.7	1114.4	1087.1	1055.6	1021.8	986.0	950.3	918.3
25°	1256.7	1244.0	1238.3	1213.9	1187.2	1147.2	1103.8	1054.5	1010.0	962.7	921.8
27.5°	1307.1	1303.1	1296.8	1279.8	1251.6	1208.9	1157.8	1097.6	1034.7	975.2	921.5
30°	1297.0	1297.6	1298.2	1292.8	1274.8	1242.5	1191.7	1127.0	1052.3	985.2	923.3
32.5°	1207.4	1218.4	1228.9	1241.3	1246.3	1240.2	1208.3	1149.9	1073.1	996.8	922.3
35°	1008.7	1012.0	1046.1	1079.7	1125.5	1161.0	1184.8	1158.9	1094.2	1006.6	921.1
37.5°	786.5	802.8	826.3	864.4	930.4	989.5	1065.6	1100.5	1079.6	1009.8	919.0
40°	670.5	685.6	700.8	739.7	795.4	867.0	953.3	1027.1	1044.3	999.7	911.8
42.5°	580.9	592.9	609.9	639.1	685.6	749.0	831.6	927.9	987.1	970.3	896.7
45°	475.5	483.0	496.2	519.4	553.1	602.8	675.6	780.9	872.7	903.1	860.6
47.5°	406.9	406.9	417.2	433.2	457.6	499.7	553.6	636.1	734.1	806.7	803.3
50°	368.9	367.4	375.6	389.4	408.7	436.7	488.1	554.1	648.2	730.4	753.2
52.5°	336.2	336.4	341.4	351.6	367.7	391.7	430.1	489.5	570.0	654.3	697.4
55°	293.1	291.9	297.6	304.5	316.3	331.9	359.7	405.0	470.3	553.4	609.3
57.5°	253.7	256.9	259.2	264.0	273.8	284.2	307.6	341.0	392.8	464.1	523.2
60°	230.5	233.9	235.6	240.4	248.3	257.3	275.4	302.5	346.1	407.5	466.1
62.5°	209.8	212.4	213.0	217.3	223.7	232.5	246.7	269.4	304.0	357.6	415.1
65°	180.0	180.0	181.2	185.7	188.7	196.5	207.3	223.9	251.6	293.4	342.5
67.5°	151.1	152.7	152.3	154.3	157.1	163.2	171.0	184.6	205.1	235.6	274.9
70°	132.4	133.6	133.3	134.8	137.8	141.7	148.1	161.0	175.7	201.9	235.6
72.5°	115.6	116.1	115.3	117.2	119.1	122.5	129.5	136.4	150.2	172.3	200.0
75°	88.5	89.0	89.7	90.9	92.7	94.5	98.1	105.0	114.1	130.6	148.4
77.5°	66.3	65.2	66.6	66.5	67.5	68.8	72.0	75.7	83.1	93.6	107.3
80°	50.0	50.2	50.2	50.5	52.0	53.0	55.7	58.4	64.1	71.9	81.5
82.5°	36.4	37.2	36.8	37.3	38.6	39.2	40.7	42.9	46.3	52.4	59.4
85°	19.9	18.4	18.9	19.6	19.6	19.9	21.1	21.9	23.8	26.1	28.9
87.5°	8.6	9.0	9.2	9.1	9.3	9.1	10.0	9.8	10.5	11.0	11.8
90°	14.1	13.7	13.3	12.9	12.5	12.0	11.4	10.7	10.1	9.4	8.5
92.5°	27.7	27.5	27.2	26.9	26.6	26.1	25.2	24.3	23.4	22.6	21.5
95°	50.5	50.3	50.1	49.8	49.5	49.0	48.0	47.1	46.2	45.3	44.0
97.5°	76.7	76.5	76.4	76.2	76.0	75.6	74.7	73.8	73.0	72.1	70.3
100°	96.4	96.2	95.9	95.7	95.4	94.7	93.5	92.3	91.2	90.0	88.2
102.5°	116.2	115.8	115.5	115.1	114.7	113.9	112.6	111.4	110.1	108.8	107.9
105°	145.8	145.4	145.0	144.7	144.3	143.7	142.9	142.1	141.3	140.5	139.7
107.5°	176.2	176.2	176.3	176.3	176.3	176.1	175.7	175.3	174.9	174.5	174.0
110°	198.8	198.9	199.0	199.2	199.3	199.2	198.8	198.4	198.0	197.6	197.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	220.9	221.1	221.3	221.6	221.8	221.8	221.7	221.5	221.3	221.1	220.6
115°	255.8	256.0	256.1	256.2	256.4	256.4	256.6	256.7	256.8	257.0	256.7
117.5°	289.9	290.4	291.0	291.5	292.0	292.2	292.1	292.0	291.9	291.8	291.6
120°	313.5	313.9	314.5	315.1	315.5	315.8	315.8	315.8	315.8	315.8	315.7
122.5°	337.0	337.4	337.8	338.2	338.7	338.9	339.0	339.1	339.2	339.3	339.0
125°	372.2	372.4	372.5	372.6	372.8	373.0	373.2	373.5	373.8	374.0	373.9
127.5°	406.2	406.4	406.6	406.9	407.2	407.3	407.5	407.7	407.7	407.9	407.7
130°	428.7	429.0	429.2	429.5	429.8	429.9	430.1	430.2	430.3	430.5	430.2
132.5°	449.9	450.3	450.6	451.0	451.3	451.6	451.7	451.9	452.0	452.1	452.2
135°	482.8	483.3	483.9	484.3	484.9	485.1	485.1	485.1	485.1	485.1	485.1
137.5°	515.0	515.7	516.3	517.0	517.6	517.9	517.8	517.6	517.5	517.3	517.0
140°	535.8	536.4	537.0	537.7	538.4	538.5	538.3	538.1	537.7	537.5	537.1
142.5°	555.5	556.1	556.8	557.5	558.1	558.3	558.2	558.0	557.9	557.7	557.2
145°	585.1	585.5	585.9	586.3	586.7	586.9	586.9	586.9	586.9	586.9	586.5
147.5°	610.5	611.3	612.2	613.1	613.9	614.3	613.9	613.6	613.3	613.0	612.7
150°	629.2	629.5	629.8	630.0	630.3	630.4	630.4	630.4	630.4	630.4	629.9
152.5°	644.8	645.2	645.7	646.2	646.7	646.7	646.4	646.1	645.8	645.5	645.2
155°	666.9	667.5	668.2	668.8	669.5	669.6	669.0	668.5	668.0	667.5	667.3
157.5°	685.3	686.2	687.1	687.9	688.8	689.0	688.4	687.9	687.4	686.9	686.7
160°	698.1	698.7	699.3	700.0	700.7	700.7	700.2	699.7	699.2	698.6	698.5
162.5°	708.8	709.6	710.3	711.1	711.9	711.9	711.3	710.7	710.1	709.5	709.4
165°	723.3	724.1	724.9	725.7	726.4	726.6	726.1	725.6	725.0	724.5	724.4
167.5°	734.8	735.7	736.5	737.3	738.1	738.1	737.4	736.6	735.8	735.0	735.0
170°	741.0	741.9	742.8	743.7	744.7	744.7	743.9	743.1	742.4	741.6	741.6
172.5°	746.2	746.9	747.7	748.6	749.4	749.4	748.6	747.8	747.0	746.2	746.2
175°	751.0	751.9	752.8	753.7	754.6	754.7	753.9	753.1	752.3	751.5	751.5
177.5°	753.8	754.6	755.3	756.0	756.7	756.8	756.1	755.5	754.9	754.2	754.4
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	729.4	727.8	725.9	722.5	718.4	716.2	712.9	710.7	706.3	702.7	698.9
5°	766.4	758.7	751.5	742.1	731.9	725.2	717.4	708.7	699.7	690.3	680.1
7.5°	804.8	791.0	775.9	759.7	743.9	729.4	715.4	701.8	689.0	673.6	660.5
10°	830.6	813.1	794.5	772.5	751.1	732.5	713.5	697.0	680.1	662.0	646.1
12.5°	856.3	833.1	806.8	782.6	756.9	734.4	712.1	690.9	669.8	649.7	631.2
15°	874.5	854.1	829.7	795.4	766.4	735.5	706.0	678.6	653.0	630.7	607.3
17.5°	886.5	860.2	833.9	801.1	763.2	728.5	695.1	663.8	634.9	606.7	584.1
20°	888.7	861.6	834.2	802.0	763.2	723.4	690.1	652.4	621.4	592.2	564.5
22.5°	888.0	857.2	827.4	794.2	756.5	719.9	679.5	641.1	607.4	578.8	549.9
25°	881.1	848.3	811.0	777.6	740.3	701.5	660.5	620.8	586.5	553.7	525.1
27.5°	875.4	832.9	790.7	751.7	715.7	680.1	641.0	600.2	562.2	528.9	502.0
30°	868.5	821.8	774.3	733.6	696.6	662.0	625.0	585.3	545.6	513.1	484.2
32.5°	862.2	807.9	757.7	713.4	674.3	640.6	606.5	568.7	529.7	496.7	467.9
35°	850.2	787.3	729.8	679.8	637.9	603.4	574.8	539.6	503.7	471.8	444.2
37.5°	834.8	760.2	698.5	646.1	600.2	563.8	537.2	510.2	475.8	445.0	420.0
40°	822.8	740.9	675.6	622.0	574.5	536.5	511.9	486.3	457.7	429.1	402.7
42.5°	807.6	723.6	652.4	594.8	547.8	510.8	484.9	463.2	438.0	411.3	386.7
45°	779.7	692.1	615.1	553.1	505.6	469.1	442.4	426.1	407.2	381.9	361.2
47.5°	738.7	654.4	574.7	510.7	461.7	427.9	402.8	387.2	373.9	355.1	336.3
50°	702.3	626.2	545.6	482.1	433.0	399.0	375.9	361.7	350.3	335.8	319.9
52.5°	661.7	590.8	517.0	454.2	405.6	372.1	349.4	336.9	327.4	317.0	301.3
55°	597.1	536.9	468.3	408.7	363.8	331.1	311.2	300.3	292.5	284.7	275.0
57.5°	525.9	478.8	418.0	363.5	322.3	292.4	273.9	263.3	257.2	253.2	247.6
60°	475.8	435.5	383.1	333.4	293.1	266.6	248.6	240.4	235.4	232.0	227.8
62.5°	429.3	396.2	347.7	302.4	267.1	242.1	225.9	218.1	213.2	211.6	208.0
65°	360.8	335.3	295.2	257.6	227.5	206.1	192.6	185.1	182.0	180.2	180.5
67.5°	293.3	277.7	245.7	213.6	189.5	171.6	160.7	155.0	153.4	151.1	151.0
70°	252.2	240.4	213.3	185.4	164.0	150.2	140.5	134.5	133.0	131.8	131.5
72.5°	215.8	205.6	182.0	159.6	140.5	128.3	120.3	116.7	114.2	113.5	113.4
75°	162.2	156.5	137.8	120.1	106.9	98.4	93.0	89.7	87.9	87.5	87.9
77.5°	115.3	110.4	98.5	85.9	77.6	71.1	66.5	65.4	63.4	63.5	63.1
80°	86.7	83.3	75.8	65.9	59.0	53.6	51.2	49.0	48.5	47.5	48.5
82.5°	62.8	59.3	54.2	47.8	42.1	38.9	36.4	35.8	35.4	35.0	35.2
85°	31.0	31.3	28.3	23.4	21.1	19.3	17.7	17.7	17.4	17.2	17.4
87.5°	12.1	11.4	10.3	9.3	8.0	7.1	6.6	6.7	6.1	6.1	6.5
90°	7.6	6.7	5.8	4.8	3.7	2.7	1.7	0.6	1.7	2.7	3.7
92.5°	20.4	19.3	18.1	17.2	16.4	15.7	15.0	14.3	15.0	15.7	16.4
95°	42.7	41.4	40.1	39.3	39.0	38.7	38.5	38.3	38.5	38.7	39.0
97.5°	68.5	66.7	64.9	63.9	63.8	63.7	63.6	63.5	63.6	63.7	63.8
100°	86.6	84.8	83.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
102.5°	107.1	106.2	105.4	104.6	104.1	103.6	103.1	102.6	103.1	103.6	104.1
105°	138.9	138.2	137.4	136.7	136.0	135.4	134.8	134.1	134.8	135.4	136.0
107.5°	173.3	172.8	172.1	171.5	170.9	170.2	169.5	168.9	169.5	170.2	170.9
110°	196.8	196.4	196.0	195.5	194.9	194.2	193.5	192.9	193.5	194.2	194.9



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	220.1	219.6	219.1	218.7	218.4	218.0	217.7	217.4	217.7	218.0	218.4
115°	256.4	256.2	256.0	255.6	255.0	254.5	254.0	253.5	254.0	254.5	255.0
117.5°	291.4	291.1	290.9	290.7	290.4	290.2	289.9	289.7	289.9	290.2	290.4
120°	315.5	315.4	315.3	314.9	314.3	313.5	312.9	312.3	312.9	313.5	314.3
122.5°	338.7	338.3	337.9	337.7	337.5	337.2	337.0	336.8	337.0	337.2	337.5
125°	373.8	373.6	373.5	373.0	372.2	371.5	370.7	369.9	370.7	371.5	372.2
127.5°	407.6	407.4	407.3	406.9	406.5	406.1	405.6	405.2	405.6	406.1	406.5
130°	429.9	429.7	429.4	429.0	428.3	427.7	427.0	426.4	427.0	427.7	428.3
132.5°	452.2	452.3	452.3	451.8	450.8	449.6	448.6	447.5	448.6	449.6	450.8
135°	484.9	484.7	484.7	484.2	483.4	482.6	481.8	481.0	481.8	482.6	483.4
137.5°	516.7	516.4	516.1	515.6	514.8	514.0	513.3	512.5	513.3	514.0	514.8
140°	536.7	536.3	535.9	535.4	534.7	534.1	533.5	532.8	533.5	534.1	534.7
142.5°	556.7	556.3	555.7	555.2	554.7	554.1	553.6	553.0	553.6	554.1	554.7
145°	586.1	585.7	585.3	584.9	584.3	583.8	583.3	582.8	583.3	583.8	584.3
147.5°	612.4	612.0	611.7	611.5	611.2	610.9	610.6	610.3	610.6	610.9	611.2
150°	629.4	628.8	628.4	628.1	628.3	628.4	628.5	628.7	628.5	628.4	628.3
152.5°	645.1	644.8	644.6	644.4	644.3	644.0	643.9	643.7	643.9	644.0	644.3
155°	667.2	667.1	666.9	666.9	666.9	666.9	666.9	666.9	666.9	666.9	666.9
157.5°	686.6	686.5	686.3	686.4	686.7	687.0	687.3	687.6	687.3	687.0	686.7
160°	698.4	698.2	698.1	698.2	698.6	699.0	699.4	699.8	699.4	699.0	698.6
162.5°	709.4	709.4	709.3	709.5	709.8	710.0	710.3	710.7	710.3	710.0	709.8
165°	724.2	724.1	724.0	724.1	724.3	724.6	724.8	725.1	724.8	724.6	724.3
167.5°	735.0	735.0	735.0	735.2	735.8	736.3	736.8	737.4	736.8	736.3	735.8
170°	741.6	741.6	741.6	741.8	742.4	742.8	743.4	743.9	743.4	742.8	742.4
172.5°	746.2	746.2	746.2	746.6	747.0	747.6	748.1	748.6	748.1	747.6	747.0
175°	751.5	751.5	751.5	751.8	752.3	752.9	753.4	753.9	753.4	752.9	752.3
177.5°	754.5	754.6	754.7	754.9	755.3	755.7	756.2	756.6	756.2	755.7	755.3
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	696.7	694.0	691.9	687.1	684.4	680.8	677.9	681.0	677.7	679.1	677.0
5°	675.0	666.5	660.5	651.8	644.3	637.4	632.2	631.4	628.9	627.7	624.2
7.5°	648.9	638.3	628.0	616.6	606.9	597.1	590.8	585.7	582.3	577.7	574.6
10°	633.4	619.3	607.3	593.4	581.4	570.8	562.4	558.3	554.3	548.6	546.5
12.5°	614.4	599.8	585.1	570.3	558.8	547.0	539.8	533.5	530.8	524.3	523.6
15°	591.6	569.7	555.2	540.2	524.2	514.6	508.6	501.7	498.7	494.2	490.8
17.5°	564.4	544.8	526.7	511.2	497.5	489.4	481.9	477.1	472.0	469.1	463.6
20°	544.7	526.0	507.9	491.4	480.9	471.6	465.6	461.1	455.6	454.1	448.7
22.5°	528.1	507.5	490.1	476.3	464.8	454.2	447.7	444.7	440.9	436.3	435.2
25°	501.1	479.7	464.9	451.1	440.8	431.3	426.7	422.8	419.2	415.9	414.7
27.5°	477.7	458.6	441.1	428.6	419.7	410.9	406.9	402.2	399.5	396.9	393.6
30°	461.4	441.8	426.4	414.4	404.7	397.0	392.7	389.4	387.0	384.6	382.8
32.5°	444.5	426.4	411.5	399.7	390.1	384.2	380.4	378.1	375.4	372.6	370.3
35°	422.2	402.3	387.9	377.6	370.1	365.6	361.4	359.3	356.3	356.3	353.9
37.5°	397.1	379.9	367.2	357.8	351.1	347.1	342.5	341.1	339.1	337.9	337.1
40°	382.1	366.2	354.2	344.8	337.6	334.3	330.7	328.3	327.1	325.6	325.0
42.5°	366.8	351.6	340.0	331.4	325.1	322.3	318.9	317.3	314.8	312.8	312.5
45°	343.3	328.6	318.1	311.2	305.8	302.5	300.3	296.8	295.5	293.1	292.8
47.5°	321.2	307.0	296.7	291.0	286.2	283.5	280.2	276.6	275.2	274.0	273.9
50°	304.5	291.6	281.9	276.6	272.0	268.2	264.8	262.4	261.5	261.5	262.1
52.5°	287.7	276.7	268.5	261.9	257.6	253.4	250.4	248.9	247.6	249.0	250.1
55°	263.0	251.9	245.9	239.6	235.4	230.5	229.0	228.4	227.5	229.9	231.1
57.5°	236.9	229.1	222.0	215.8	212.0	209.2	207.2	206.8	208.5	209.6	213.6
60°	220.3	211.3	204.9	200.1	195.6	193.8	193.2	192.6	193.8	197.1	202.2
62.5°	202.0	194.6	187.8	184.3	180.9	177.9	177.8	178.2	180.5	184.3	189.5
65°	175.2	168.8	164.3	160.1	157.4	155.6	156.2	157.4	160.1	165.2	171.0
67.5°	147.9	143.5	139.5	136.1	133.5	133.5	134.1	135.9	139.1	145.0	150.2
70°	130.3	125.5	122.2	120.6	118.6	117.4	119.1	122.2	124.8	130.3	134.8
72.5°	112.7	108.6	106.1	105.0	104.1	103.1	103.8	107.0	110.7	116.1	121.4
75°	86.7	85.2	83.3	82.1	81.3	81.8	82.5	85.5	88.5	94.2	100.2
77.5°	63.3	61.7	60.6	60.3	59.8	60.1	61.8	64.0	67.0	71.1	75.7
80°	47.8	47.2	46.7	46.3	46.3	46.7	49.0	50.5	53.2	57.2	60.8
82.5°	34.9	34.5	34.4	34.3	34.5	34.6	36.0	38.0	40.2	43.3	46.3
85°	18.4	17.7	18.7	18.9	18.4	19.3	19.9	21.1	21.9	23.4	25.0
87.5°	7.0	7.7	7.6	8.0	8.2	8.9	8.7	9.8	10.5	11.1	10.9
90°	4.8	5.8	6.7	7.6	8.5	9.4	10.1	10.7	11.4	12.0	12.5
92.5°	17.2	18.1	19.3	20.4	21.5	22.6	23.4	24.3	25.2	26.1	26.6
95°	39.3	40.1	41.4	42.7	44.0	45.3	46.2	47.1	48.0	49.0	49.5
97.5°	63.9	64.9	66.7	68.5	70.3	72.1	73.0	73.8	74.7	75.6	76.0
100°	82.3	83.2	84.8	86.6	88.2	90.0	91.2	92.3	93.5	94.7	95.4
102.5°	104.6	105.4	106.2	107.1	107.9	108.8	110.1	111.4	112.6	113.9	114.7
105°	136.7	137.4	138.2	138.9	139.7	140.5	141.3	142.1	142.9	143.7	144.3
107.5°	171.5	172.1	172.8	173.3	174.0	174.5	174.9	175.3	175.7	176.1	176.3
110°	195.5	196.0	196.4	196.8	197.2	197.6	198.0	198.4	198.8	199.2	199.3



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	218.7	219.1	219.6	220.1	220.6	221.1	221.3	221.5	221.7	221.8	221.8
115°	255.6	256.0	256.2	256.4	256.7	257.0	256.8	256.7	256.6	256.4	256.4
117.5°	290.7	290.9	291.1	291.4	291.6	291.8	291.9	292.0	292.1	292.2	292.0
120°	314.9	315.3	315.4	315.5	315.7	315.8	315.8	315.8	315.8	315.8	315.5
122.5°	337.7	337.9	338.3	338.7	339.0	339.3	339.2	339.1	339.0	338.9	338.7
125°	373.0	373.5	373.6	373.8	373.9	374.0	373.8	373.5	373.2	373.0	372.8
127.5°	406.9	407.3	407.4	407.6	407.7	407.9	407.7	407.7	407.5	407.3	407.2
130°	429.0	429.4	429.7	429.9	430.2	430.5	430.3	430.2	430.1	429.9	429.8
132.5°	451.8	452.3	452.3	452.2	452.2	452.1	452.0	451.9	451.7	451.6	451.3
135°	484.2	484.7	484.7	484.9	485.1	485.1	485.1	485.1	485.1	485.1	484.9
137.5°	515.6	516.1	516.4	516.7	517.0	517.3	517.5	517.6	517.8	517.9	517.6
140°	535.4	535.9	536.3	536.7	537.1	537.5	537.7	538.1	538.3	538.5	538.4
142.5°	555.2	555.7	556.3	556.7	557.2	557.7	557.9	558.0	558.2	558.3	558.1
145°	584.9	585.3	585.7	586.1	586.5	586.9	586.9	586.9	586.9	586.9	586.7
147.5°	611.5	611.7	612.0	612.4	612.7	613.0	613.3	613.6	613.9	614.3	613.9
150°	628.1	628.4	628.8	629.4	629.9	630.4	630.4	630.4	630.4	630.4	630.3
152.5°	644.4	644.6	644.8	645.1	645.2	645.5	645.8	646.1	646.4	646.7	646.7
155°	666.9	666.9	667.1	667.2	667.3	667.5	668.0	668.5	669.0	669.6	669.5
157.5°	686.4	686.3	686.5	686.6	686.7	686.9	687.4	687.9	688.4	689.0	688.8
160°	698.2	698.1	698.2	698.4	698.5	698.6	699.2	699.7	700.2	700.7	700.7
162.5°	709.5	709.3	709.4	709.4	709.4	709.5	710.1	710.7	711.3	711.9	711.9
165°	724.1	724.0	724.1	724.2	724.4	724.5	725.0	725.6	726.1	726.6	726.4
167.5°	735.2	735.0	735.0	735.0	735.0	735.0	735.8	736.6	737.4	738.1	738.1
170°	741.8	741.6	741.6	741.6	741.6	741.6	742.4	743.1	743.9	744.7	744.7
172.5°	746.6	746.2	746.2	746.2	746.2	746.2	747.0	747.8	748.6	749.4	749.4
175°	751.8	751.5	751.5	751.5	751.5	751.5	752.3	753.1	753.9	754.7	754.6
177.5°	754.9	754.7	754.6	754.5	754.4	754.2	754.9	755.5	756.1	756.8	756.7
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	675.5	677.2	675.8	677.7	675.8	677.2	675.5	677.0	679.1	677.7	681.0
5°	622.7	619.9	621.7	620.5	621.7	619.9	622.7	624.2	627.7	628.9	631.4
7.5°	573.8	571.2	568.2	566.8	568.2	571.2	573.8	574.6	577.7	582.3	585.7
10°	543.2	539.9	539.6	537.5	539.6	539.9	543.2	546.5	548.6	554.3	558.3
12.5°	520.8	517.7	514.3	513.4	514.3	517.7	520.8	523.6	524.3	530.8	533.5
15°	489.0	486.6	484.5	486.3	484.5	486.6	489.0	490.8	494.2	498.7	501.7
17.5°	462.6	460.6	460.3	458.0	460.3	460.6	462.6	463.6	469.1	472.0	477.1
20°	446.0	444.5	445.0	441.2	445.0	444.5	446.0	448.7	454.1	455.6	461.1
22.5°	432.8	429.8	429.4	428.6	429.4	429.8	432.8	435.2	436.3	440.9	444.7
25°	412.0	410.5	409.0	410.5	409.0	410.5	412.0	414.7	415.9	419.2	422.8
27.5°	393.9	392.1	391.7	391.8	391.7	392.1	393.9	393.6	396.9	399.5	402.2
30°	382.8	379.8	380.1	379.8	380.1	379.8	382.8	382.8	384.6	387.0	389.4
32.5°	370.7	368.7	368.3	367.7	368.3	368.7	370.7	370.3	372.6	375.4	378.1
35°	353.0	353.0	351.5	351.5	351.5	353.0	353.0	353.9	356.3	356.3	359.3
37.5°	336.3	336.0	335.1	335.3	335.1	336.0	336.3	337.1	337.9	339.1	341.1
40°	323.8	323.5	322.6	320.8	322.6	323.5	323.8	325.0	325.6	327.1	328.3
42.5°	311.8	310.8	310.3	309.7	310.3	310.8	311.8	312.5	312.8	314.8	317.3
45°	292.8	292.8	292.2	291.9	292.2	292.8	292.8	292.8	293.1	295.5	296.8
47.5°	274.4	275.0	276.1	275.9	276.1	275.0	274.4	273.9	274.0	275.2	276.6
50°	263.3	263.6	264.5	264.8	264.5	263.6	263.3	262.1	261.5	261.5	262.4
52.5°	251.0	252.8	253.9	253.7	253.9	252.8	251.0	250.1	249.0	247.6	248.9
55°	233.9	235.9	238.1	238.4	238.1	235.9	233.9	231.1	229.9	227.5	228.4
57.5°	216.8	219.8	222.0	222.7	222.0	219.8	216.8	213.6	209.6	208.5	206.8
60°	205.3	209.1	211.8	213.1	211.8	209.1	205.3	202.2	197.1	193.8	192.6
62.5°	194.2	198.5	201.3	201.5	201.3	198.5	194.2	189.5	184.3	180.5	178.2
65°	176.0	180.5	183.0	184.7	183.0	180.5	176.0	171.0	165.2	160.1	157.4
67.5°	156.5	161.1	163.7	165.2	163.7	161.1	156.5	150.2	145.0	139.1	135.9
70°	142.4	146.9	150.4	151.7	150.4	146.9	142.4	134.8	130.3	124.8	122.2
72.5°	128.4	132.4	135.3	136.7	135.3	132.4	128.4	121.4	116.1	110.7	107.0
75°	104.1	109.6	112.3	113.8	112.3	109.6	104.1	100.2	94.2	88.5	85.5
77.5°	80.3	85.2	86.8	87.6	86.8	85.2	80.3	75.7	71.1	67.0	64.0
80°	64.4	67.4	69.6	69.8	69.6	67.4	64.4	60.8	57.2	53.2	50.5
82.5°	49.5	52.0	52.7	53.5	52.7	52.0	49.5	46.3	43.3	40.2	38.0
85°	27.1	28.3	28.6	28.3	28.6	28.3	27.1	25.0	23.4	21.9	21.1
87.5°	11.5	11.3	11.4	12.0	11.4	11.3	11.5	10.9	11.1	10.5	9.8
90°	12.9	13.3	13.7	14.1	13.7	13.3	12.9	12.5	12.0	11.4	10.7
92.5°	26.9	27.2	27.5	27.7	27.5	27.2	26.9	26.6	26.1	25.2	24.3
95°	49.8	50.1	50.3	50.5	50.3	50.1	49.8	49.5	49.0	48.0	47.1
97.5°	76.2	76.4	76.5	76.7	76.5	76.4	76.2	76.0	75.6	74.7	73.8
100°	95.7	95.9	96.2	96.4	96.2	95.9	95.7	95.4	94.7	93.5	92.3
102.5°	115.1	115.5	115.8	116.2	115.8	115.5	115.1	114.7	113.9	112.6	111.4
105°	144.7	145.0	145.4	145.8	145.4	145.0	144.7	144.3	143.7	142.9	142.1
107.5°	176.3	176.3	176.2	176.2	176.2	176.3	176.3	176.3	176.1	175.7	175.3
110°	199.2	199.0	198.9	198.8	198.9	199.0	199.2	199.3	199.2	198.8	198.4



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	221.6	221.3	221.1	220.9	221.1	221.3	221.6	221.8	221.8	221.7	221.5
115°	256.2	256.1	256.0	255.8	256.0	256.1	256.2	256.4	256.4	256.6	256.7
117.5°	291.5	291.0	290.4	289.9	290.4	291.0	291.5	292.0	292.2	292.1	292.0
120°	315.1	314.5	313.9	313.5	313.9	314.5	315.1	315.5	315.8	315.8	315.8
122.5°	338.2	337.8	337.4	337.0	337.4	337.8	338.2	338.7	338.9	339.0	339.1
125°	372.6	372.5	372.4	372.2	372.4	372.5	372.6	372.8	373.0	373.2	373.5
127.5°	406.9	406.6	406.4	406.2	406.4	406.6	406.9	407.2	407.3	407.5	407.7
130°	429.5	429.2	429.0	428.7	429.0	429.2	429.5	429.8	429.9	430.1	430.2
132.5°	451.0	450.6	450.3	449.9	450.3	450.6	451.0	451.3	451.6	451.7	451.9
135°	484.3	483.9	483.3	482.8	483.3	483.9	484.3	484.9	485.1	485.1	485.1
137.5°	517.0	516.3	515.7	515.0	515.7	516.3	517.0	517.6	517.9	517.8	517.6
140°	537.7	537.0	536.4	535.8	536.4	537.0	537.7	538.4	538.5	538.3	538.1
142.5°	557.5	556.8	556.1	555.5	556.1	556.8	557.5	558.1	558.3	558.2	558.0
145°	586.3	585.9	585.5	585.1	585.5	585.9	586.3	586.7	586.9	586.9	586.9
147.5°	613.1	612.2	611.3	610.5	611.3	612.2	613.1	613.9	614.3	613.9	613.6
150°	630.0	629.8	629.5	629.2	629.5	629.8	630.0	630.3	630.4	630.4	630.4
152.5°	646.2	645.7	645.2	644.8	645.2	645.7	646.2	646.7	646.7	646.4	646.1
155°	668.8	668.2	667.5	666.9	667.5	668.2	668.8	669.5	669.6	669.0	668.5
157.5°	687.9	687.1	686.2	685.3	686.2	687.1	687.9	688.8	689.0	688.4	687.9
160°	700.0	699.3	698.7	698.1	698.7	699.3	700.0	700.7	700.7	700.2	699.7
162.5°	711.1	710.3	709.6	708.8	709.6	710.3	711.1	711.9	711.9	711.3	710.7
165°	725.7	724.9	724.1	723.3	724.1	724.9	725.7	726.4	726.6	726.1	725.6
167.5°	737.3	736.5	735.7	734.8	735.7	736.5	737.3	738.1	738.1	737.4	736.6
170°	743.7	742.8	741.9	741.0	741.9	742.8	743.7	744.7	744.7	743.9	743.1
172.5°	748.6	747.7	746.9	746.2	746.9	747.7	748.6	749.4	749.4	748.6	747.8
175°	753.7	752.8	751.9	751.0	751.9	752.8	753.7	754.6	754.7	753.9	753.1
177.5°	756.0	755.3	754.6	753.8	754.6	755.3	756.0	756.7	756.8	756.1	755.5
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	677.9	680.8	684.4	687.1	691.9	694.0	696.7	698.9	702.7	706.3	710.7
5°	632.2	637.4	644.3	651.8	660.5	666.5	675.0	680.1	690.3	699.7	708.7
7.5°	590.8	597.1	606.9	616.6	628.0	638.3	648.9	660.5	673.6	689.0	701.8
10°	562.4	570.8	581.4	593.4	607.3	619.3	633.4	646.1	662.0	680.1	697.0
12.5°	539.8	547.0	558.8	570.3	585.1	599.8	614.4	631.2	649.7	669.8	690.9
15°	508.6	514.6	524.2	540.2	555.2	569.7	591.6	607.3	630.7	653.0	678.6
17.5°	481.9	489.4	497.5	511.2	526.7	544.8	564.4	584.1	606.7	634.9	663.8
20°	465.6	471.6	480.9	491.4	507.9	526.0	544.7	564.5	592.2	621.4	652.4
22.5°	447.7	454.2	464.8	476.3	490.1	507.5	528.1	549.9	578.8	607.4	641.1
25°	426.7	431.3	440.8	451.1	464.9	479.7	501.1	525.1	553.7	586.5	620.8
27.5°	406.9	410.9	419.7	428.6	441.1	458.6	477.7	502.0	528.9	562.2	600.2
30°	392.7	397.0	404.7	414.4	426.4	441.8	461.4	484.2	513.1	545.6	585.3
32.5°	380.4	384.2	390.1	399.7	411.5	426.4	444.5	467.9	496.7	529.7	568.7
35°	361.4	365.6	370.1	377.6	387.9	402.3	422.2	444.2	471.8	503.7	539.6
37.5°	342.5	347.1	351.1	357.8	367.2	379.9	397.1	420.0	445.0	475.8	510.2
40°	330.7	334.3	337.6	344.8	354.2	366.2	382.1	402.7	429.1	457.7	486.3
42.5°	318.9	322.3	325.1	331.4	340.0	351.6	366.8	386.7	411.3	438.0	463.2
45°	300.3	302.5	305.8	311.2	318.1	328.6	343.3	361.2	381.9	407.2	426.1
47.5°	280.2	283.5	286.2	291.0	296.7	307.0	321.2	336.3	355.1	373.9	387.2
50°	264.8	268.2	272.0	276.6	281.9	291.6	304.5	319.9	335.8	350.3	361.7
52.5°	250.4	253.4	257.6	261.9	268.5	276.7	287.7	301.3	317.0	327.4	336.9
55°	229.0	230.5	235.4	239.6	245.9	251.9	263.0	275.0	284.7	292.5	300.3
57.5°	207.2	209.2	212.0	215.8	222.0	229.1	236.9	247.6	253.2	257.2	263.3
60°	193.2	193.8	195.6	200.1	204.9	211.3	220.3	227.8	232.0	235.4	240.4
62.5°	177.8	177.9	180.9	184.3	187.8	194.6	202.0	208.0	211.6	213.2	218.1
65°	156.2	155.6	157.4	160.1	164.3	168.8	175.2	180.5	180.2	182.0	185.1
67.5°	134.1	133.5	133.5	136.1	139.5	143.5	147.9	151.0	151.1	153.4	155.0
70°	119.1	117.4	118.6	120.6	122.2	125.5	130.3	131.5	131.8	133.0	134.5
72.5°	103.8	103.1	104.1	105.0	106.1	108.6	112.7	113.4	113.5	114.2	116.7
75°	82.5	81.8	81.3	82.1	83.3	85.2	86.7	87.9	87.5	87.9	89.7
77.5°	61.8	60.1	59.8	60.3	60.6	61.7	63.3	63.1	63.5	63.4	65.4
80°	49.0	46.7	46.3	46.3	46.7	47.2	47.8	48.5	47.5	48.5	49.0
82.5°	36.0	34.6	34.5	34.3	34.4	34.5	34.9	35.2	35.0	35.4	35.8
85°	19.9	19.3	18.4	18.9	18.7	17.7	18.4	17.4	17.2	17.4	17.7
87.5°	8.7	8.9	8.2	8.0	7.6	7.7	7.0	6.5	6.1	6.1	6.7
90°	10.1	9.4	8.5	7.6	6.7	5.8	4.8	3.7	2.7	1.7	0.6
92.5°	23.4	22.6	21.5	20.4	19.3	18.1	17.2	16.4	15.7	15.0	14.3
95°	46.2	45.3	44.0	42.7	41.4	40.1	39.3	39.0	38.7	38.5	38.3
97.5°	73.0	72.1	70.3	68.5	66.7	64.9	63.9	63.8	63.7	63.6	63.5
100°	91.2	90.0	88.2	86.6	84.8	83.2	82.3	82.3	82.3	82.3	82.3
102.5°	110.1	108.8	107.9	107.1	106.2	105.4	104.6	104.1	103.6	103.1	102.6
105°	141.3	140.5	139.7	138.9	138.2	137.4	136.7	136.0	135.4	134.8	134.1
107.5°	174.9	174.5	174.0	173.3	172.8	172.1	171.5	170.9	170.2	169.5	168.9
110°	198.0	197.6	197.2	196.8	196.4	196.0	195.5	194.9	194.2	193.5	192.9



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	221.3	221.1	220.6	220.1	219.6	219.1	218.7	218.4	218.0	217.7	217.4
115°	256.8	257.0	256.7	256.4	256.2	256.0	255.6	255.0	254.5	254.0	253.5
117.5°	291.9	291.8	291.6	291.4	291.1	290.9	290.7	290.4	290.2	289.9	289.7
120°	315.8	315.8	315.7	315.5	315.4	315.3	314.9	314.3	313.5	312.9	312.3
122.5°	339.2	339.3	339.0	338.7	338.3	337.9	337.7	337.5	337.2	337.0	336.8
125°	373.8	374.0	373.9	373.8	373.6	373.5	373.0	372.2	371.5	370.7	369.9
127.5°	407.7	407.9	407.7	407.6	407.4	407.3	406.9	406.5	406.1	405.6	405.2
130°	430.3	430.5	430.2	429.9	429.7	429.4	429.0	428.3	427.7	427.0	426.4
132.5°	452.0	452.1	452.2	452.2	452.3	452.3	451.8	450.8	449.6	448.6	447.5
135°	485.1	485.1	485.1	484.9	484.7	484.7	484.2	483.4	482.6	481.8	481.0
137.5°	517.5	517.3	517.0	516.7	516.4	516.1	515.6	514.8	514.0	513.3	512.5
140°	537.7	537.5	537.1	536.7	536.3	535.9	535.4	534.7	534.1	533.5	532.8
142.5°	557.9	557.7	557.2	556.7	556.3	555.7	555.2	554.7	554.1	553.6	553.0
145°	586.9	586.9	586.5	586.1	585.7	585.3	584.9	584.3	583.8	583.3	582.8
147.5°	613.3	613.0	612.7	612.4	612.0	611.7	611.5	611.2	610.9	610.6	610.3
150°	630.4	630.4	629.9	629.4	628.8	628.4	628.1	628.3	628.4	628.5	628.7
152.5°	645.8	645.5	645.2	645.1	644.8	644.6	644.4	644.3	644.0	643.9	643.7
155°	668.0	667.5	667.3	667.2	667.1	666.9	666.9	666.9	666.9	666.9	666.9
157.5°	687.4	686.9	686.7	686.6	686.5	686.3	686.4	686.7	687.0	687.3	687.6
160°	699.2	698.6	698.5	698.4	698.2	698.1	698.2	698.6	699.0	699.4	699.8
162.5°	710.1	709.5	709.4	709.4	709.4	709.3	709.5	709.8	710.0	710.3	710.7
165°	725.0	724.5	724.4	724.2	724.1	724.0	724.1	724.3	724.6	724.8	725.1
167.5°	735.8	735.0	735.0	735.0	735.0	735.0	735.2	735.8	736.3	736.8	737.4
170°	742.4	741.6	741.6	741.6	741.6	741.6	741.8	742.4	742.8	743.4	743.9
172.5°	747.0	746.2	746.2	746.2	746.2	746.2	746.6	747.0	747.6	748.1	748.6
175°	752.3	751.5	751.5	751.5	751.5	751.5	751.8	752.3	752.9	753.4	753.9
177.5°	754.9	754.2	754.4	754.5	754.6	754.7	754.9	755.3	755.7	756.2	756.6
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	712.9	716.2	718.4	722.5	725.9	727.8	729.4	730.9	732.6	734.0	738.2
5°	717.4	725.2	731.9	742.1	751.5	758.7	766.4	773.4	779.1	787.3	793.5
7.5°	715.4	729.4	743.9	759.7	775.9	791.0	804.8	817.8	829.5	843.7	856.1
10°	713.5	732.5	751.1	772.5	794.5	813.1	830.6	848.3	861.3	879.3	894.7
12.5°	712.1	734.4	756.9	782.6	806.8	833.1	856.3	869.3	889.0	903.4	921.6
15°	706.0	735.5	766.4	795.4	829.7	854.1	874.5	899.8	918.1	936.5	956.3
17.5°	695.1	728.5	763.2	801.1	833.9	860.2	886.5	910.9	932.8	957.4	982.1
20°	690.1	723.4	763.2	802.0	834.2	861.6	888.7	915.4	939.5	971.1	999.7
22.5°	679.5	719.9	756.5	794.2	827.4	857.2	888.0	918.3	950.3	986.0	1021.8
25°	660.5	701.5	740.3	777.6	811.0	848.3	881.1	921.8	962.7	1010.0	1054.5
27.5°	641.0	680.1	715.7	751.7	790.7	832.9	875.4	921.5	975.2	1034.7	1097.6
30°	625.0	662.0	696.6	733.6	774.3	821.8	868.5	923.3	985.2	1052.3	1127.0
32.5°	606.5	640.6	674.3	713.4	757.7	807.9	862.2	922.3	996.8	1073.1	1149.9
35°	574.8	603.4	637.9	679.8	729.8	787.3	850.2	921.1	1006.6	1094.2	1158.9
37.5°	537.2	563.8	600.2	646.1	698.5	760.2	834.8	919.0	1009.8	1079.6	1100.5
40°	511.9	536.5	574.5	622.0	675.6	740.9	822.8	911.8	999.7	1044.3	1027.1
42.5°	484.9	510.8	547.8	594.8	652.4	723.6	807.6	896.7	970.3	987.1	927.9
45°	442.4	469.1	505.6	553.1	615.1	692.1	779.7	860.6	903.1	872.7	780.9
47.5°	402.8	427.9	461.7	510.7	574.7	654.4	738.7	803.3	806.7	734.1	636.1
50°	375.9	399.0	433.0	482.1	545.6	626.2	702.3	753.2	730.4	648.2	554.1
52.5°	349.4	372.1	405.6	454.2	517.0	590.8	661.7	697.4	654.3	570.0	489.5
55°	311.2	331.1	363.8	408.7	468.3	536.9	597.1	609.3	553.4	470.3	405.0
57.5°	273.9	292.4	322.3	363.5	418.0	478.8	525.9	523.2	464.1	392.8	341.0
60°	248.6	266.6	293.1	333.4	383.1	435.5	475.8	466.1	407.5	346.1	302.5
62.5°	225.9	242.1	267.1	302.4	347.7	396.2	429.3	415.1	357.6	304.0	269.4
65°	192.6	206.1	227.5	257.6	295.2	335.3	360.8	342.5	293.4	251.6	223.9
67.5°	160.7	171.6	189.5	213.6	245.7	277.7	293.3	274.9	235.6	205.1	184.6
70°	140.5	150.2	164.0	185.4	213.3	240.4	252.2	235.6	201.9	175.7	161.0
72.5°	120.3	128.3	140.5	159.6	182.0	205.6	215.8	200.0	172.3	150.2	136.4
75°	93.0	98.4	106.9	120.1	137.8	156.5	162.2	148.4	130.6	114.1	105.0
77.5°	66.5	71.1	77.6	85.9	98.5	110.4	115.3	107.3	93.6	83.1	75.7
80°	51.2	53.6	59.0	65.9	75.8	83.3	86.7	81.5	71.9	64.1	58.4
82.5°	36.4	38.9	42.1	47.8	54.2	59.3	62.8	59.4	52.4	46.3	42.9
85°	17.7	19.3	21.1	23.4	28.3	31.3	31.0	28.9	26.1	23.8	21.9
87.5°	6.6	7.1	8.0	9.3	10.3	11.4	12.1	11.8	11.0	10.5	9.8
90°	1.7	2.7	3.7	4.8	5.8	6.7	7.6	8.5	9.4	10.1	10.7
92.5°	15.0	15.7	16.4	17.2	18.1	19.3	20.4	21.5	22.6	23.4	24.3
95°	38.5	38.7	39.0	39.3	40.1	41.4	42.7	44.0	45.3	46.2	47.1
97.5°	63.6	63.7	63.8	63.9	64.9	66.7	68.5	70.3	72.1	73.0	73.8
100°	82.3	82.3	82.3	82.3	83.2	84.8	86.6	88.2	90.0	91.2	92.3
102.5°	103.1	103.6	104.1	104.6	105.4	106.2	107.1	107.9	108.8	110.1	111.4
105°	134.8	135.4	136.0	136.7	137.4	138.2	138.9	139.7	140.5	141.3	142.1
107.5°	169.5	170.2	170.9	171.5	172.1	172.8	173.3	174.0	174.5	174.9	175.3
110°	193.5	194.2	194.9	195.5	196.0	196.4	196.8	197.2	197.6	198.0	198.4



TEST NUMBER: P333377-927

CATALOG NUMBER: S125DIW-S610D770U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	217.7	218.0	218.4	218.7	219.1	219.6	220.1	220.6	221.1	221.3	221.5
115°	254.0	254.5	255.0	255.6	256.0	256.2	256.4	256.7	257.0	256.8	256.7
117.5°	289.9	290.2	290.4	290.7	290.9	291.1	291.4	291.6	291.8	291.9	292.0
120°	312.9	313.5	314.3	314.9	315.3	315.4	315.5	315.7	315.8	315.8	315.8
122.5°	337.0	337.2	337.5	337.7	337.9	338.3	338.7	339.0	339.3	339.2	339.1
125°	370.7	371.5	372.2	373.0	373.5	373.6	373.8	373.9	374.0	373.8	373.5
127.5°	405.6	406.1	406.5	406.9	407.3	407.4	407.6	407.7	407.9	407.7	407.7
130°	427.0	427.7	428.3	429.0	429.4	429.7	429.9	430.2	430.5	430.3	430.2
132.5°	448.6	449.6	450.8	451.8	452.3	452.3	452.2	452.2	452.1	452.0	451.9
135°	481.8	482.6	483.4	484.2	484.7	484.7	484.9	485.1	485.1	485.1	485.1
137.5°	513.3	514.0	514.8	515.6	516.1	516.4	516.7	517.0	517.3	517.5	517.6
140°	533.5	534.1	534.7	535.4	535.9	536.3	536.7	537.1	537.5	537.7	538.1
142.5°	553.6	554.1	554.7	555.2	555.7	556.3	556.7	557.2	557.7	557.9	558.0
145°	583.3	583.8	584.3	584.9	585.3	585.7	586.1	586.5	586.9	586.9	586.9
147.5°	610.6	610.9	611.2	611.5	611.7	612.0	612.4	612.7	613.0	613.3	613.6
150°	628.5	628.4	628.3	628.1	628.4	628.8	629.4	629.9	630.4	630.4	630.4
152.5°	643.9	644.0	644.3	644.4	644.6	644.8	645.1	645.2	645.5	645.8	646.1
155°	666.9	666.9	666.9	666.9	666.9	667.1	667.2	667.3	667.5	668.0	668.5
157.5°	687.3	687.0	686.7	686.4	686.3	686.5	686.6	686.7	686.9	687.4	687.9
160°	699.4	699.0	698.6	698.2	698.1	698.2	698.4	698.5	698.6	699.2	699.7
162.5°	710.3	710.0	709.8	709.5	709.3	709.4	709.4	709.4	709.5	710.1	710.7
165°	724.8	724.6	724.3	724.1	724.0	724.1	724.2	724.4	724.5	725.0	725.6
167.5°	736.8	736.3	735.8	735.2	735.0	735.0	735.0	735.0	735.0	735.8	736.6
170°	743.4	742.8	742.4	741.8	741.6	741.6	741.6	741.6	741.6	742.4	743.1
172.5°	748.1	747.6	747.0	746.6	746.2	746.2	746.2	746.2	746.2	747.0	747.8
175°	753.4	752.9	752.3	751.8	751.5	751.5	751.5	751.5	751.5	752.3	753.1
177.5°	756.2	755.7	755.3	754.9	754.7	754.6	754.5	754.4	754.2	754.9	755.5
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7	755.7



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	709.0	709.0	709.0	709.0	709.0	709.0	709.0
2.5°	741.5	743.4	747.5	746.1	748.0	748.9	750.0
5°	801.4	811.0	815.2	814.6	820.9	819.4	817.9
7.5°	869.0	879.2	884.8	891.8	896.0	896.2	899.8
10°	907.3	920.5	926.0	933.5	938.3	941.0	940.7
12.5°	936.7	947.1	959.2	962.9	969.4	972.8	971.5
15°	972.0	988.6	1001.2	1007.5	1015.7	1018.0	1021.4
17.5°	1003.5	1025.7	1040.5	1060.1	1067.5	1072.1	1069.4
20°	1027.4	1056.5	1071.3	1094.8	1107.7	1114.7	1112.2
22.5°	1055.6	1087.1	1114.4	1134.7	1154.4	1163.8	1165.7
25°	1103.8	1147.2	1187.2	1213.9	1238.3	1244.0	1256.7
27.5°	1157.8	1208.9	1251.6	1279.8	1296.8	1303.1	1307.1
30°	1191.7	1242.5	1274.8	1292.8	1298.2	1297.6	1297.0
32.5°	1208.3	1240.2	1246.3	1241.3	1228.9	1218.4	1207.4
35°	1184.8	1161.0	1125.5	1079.7	1046.1	1012.0	1008.7
37.5°	1065.6	989.5	930.4	864.4	826.3	802.8	786.5
40°	953.3	867.0	795.4	739.7	700.8	685.6	670.5
42.5°	831.6	749.0	685.6	639.1	609.9	592.9	580.9
45°	675.6	602.8	553.1	519.4	496.2	483.0	475.5
47.5°	553.6	499.7	457.6	433.2	417.2	406.9	406.9
50°	488.1	436.7	408.7	389.4	375.6	367.4	368.9
52.5°	430.1	391.7	367.7	351.6	341.4	336.4	336.2
55°	359.7	331.9	316.3	304.5	297.6	291.9	293.1
57.5°	307.6	284.2	273.8	264.0	259.2	256.9	253.7
60°	275.4	257.3	248.3	240.4	235.6	233.9	230.5
62.5°	246.7	232.5	223.7	217.3	213.0	212.4	209.8
65°	207.3	196.5	188.7	185.7	181.2	180.0	180.0
67.5°	171.0	163.2	157.1	154.3	152.3	152.7	151.1
70°	148.1	141.7	137.8	134.8	133.3	133.6	132.4
72.5°	129.5	122.5	119.1	117.2	115.3	116.1	115.6
75°	98.1	94.5	92.7	90.9	89.7	89.0	88.5
77.5°	72.0	68.8	67.5	66.5	66.6	65.2	66.3
80°	55.7	53.0	52.0	50.5	50.2	50.2	50.0
82.5°	40.7	39.2	38.6	37.3	36.8	37.2	36.4
85°	21.1	19.9	19.6	19.6	18.9	18.4	19.9
87.5°	10.0	9.1	9.3	9.1	9.2	9.0	8.6
90°	11.4	12.0	12.5	12.9	13.3	13.7	14.1
92.5°	25.2	26.1	26.6	26.9	27.2	27.5	27.7
95°	48.0	49.0	49.5	49.8	50.1	50.3	50.5
97.5°	74.7	75.6	76.0	76.2	76.4	76.5	76.7
100°	93.5	94.7	95.4	95.7	95.9	96.2	96.4
102.5°	112.6	113.9	114.7	115.1	115.5	115.8	116.2
105°	142.9	143.7	144.3	144.7	145.0	145.4	145.8
107.5°	175.7	176.1	176.3	176.3	176.3	176.2	176.2
110°	198.8	199.2	199.3	199.2	199.0	198.9	198.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	221.7	221.8	221.8	221.6	221.3	221.1	220.9
115°	256.6	256.4	256.4	256.2	256.1	256.0	255.8
117.5°	292.1	292.2	292.0	291.5	291.0	290.4	289.9
120°	315.8	315.8	315.5	315.1	314.5	313.9	313.5
122.5°	339.0	338.9	338.7	338.2	337.8	337.4	337.0
125°	373.2	373.0	372.8	372.6	372.5	372.4	372.2
127.5°	407.5	407.3	407.2	406.9	406.6	406.4	406.2
130°	430.1	429.9	429.8	429.5	429.2	429.0	428.7
132.5°	451.7	451.6	451.3	451.0	450.6	450.3	449.9
135°	485.1	485.1	484.9	484.3	483.9	483.3	482.8
137.5°	517.8	517.9	517.6	517.0	516.3	515.7	515.0
140°	538.3	538.5	538.4	537.7	537.0	536.4	535.8
142.5°	558.2	558.3	558.1	557.5	556.8	556.1	555.5
145°	586.9	586.9	586.7	586.3	585.9	585.5	585.1
147.5°	613.9	614.3	613.9	613.1	612.2	611.3	610.5
150°	630.4	630.4	630.3	630.0	629.8	629.5	629.2
152.5°	646.4	646.7	646.7	646.2	645.7	645.2	644.8
155°	669.0	669.6	669.5	668.8	668.2	667.5	666.9
157.5°	688.4	689.0	688.8	687.9	687.1	686.2	685.3
160°	700.2	700.7	700.7	700.0	699.3	698.7	698.1
162.5°	711.3	711.9	711.9	711.1	710.3	709.6	708.8
165°	726.1	726.6	726.4	725.7	724.9	724.1	723.3
167.5°	737.4	738.1	738.1	737.3	736.5	735.7	734.8
170°	743.9	744.7	744.7	743.7	742.8	741.9	741.0
172.5°	748.6	749.4	749.4	748.6	747.7	746.9	746.2
175°	753.9	754.7	754.6	753.7	752.8	751.9	751.0
177.5°	756.1	756.8	756.7	756.0	755.3	754.6	753.8
180°	755.7	755.7	755.7	755.7	755.7	755.7	755.7

(END OF REPORT)