

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: P600775

Luminaire Tested: **FE12S40FDW**

Issue Date: 07/11/2022

Tested By:

Approved By:



NVLAP Lab Code: 200050-0

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Test Information

Test Method: LM-79-08
 Report Number: P600775
 Test Lab: Third Party
 Issue Date: 07/11/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: FE12S40FDW
 Description: Lumen Select LED Entry Light - White 4000K
 Light Source: 70 CRI LEDs
 Ballast/Driver: (1) Electronic Driver

Summary

Lumens per Lamp: N/A
 Luminaire Lumens: 1484 lumens
 Efficiency: N/A
 Efficacy: 129.0 lumens/watt
 Luminous Opening: Point Source (0m x 0m x 0m)
 IES Classification: Type IV - Short
 BUG Rating: B1 - U3 - G1

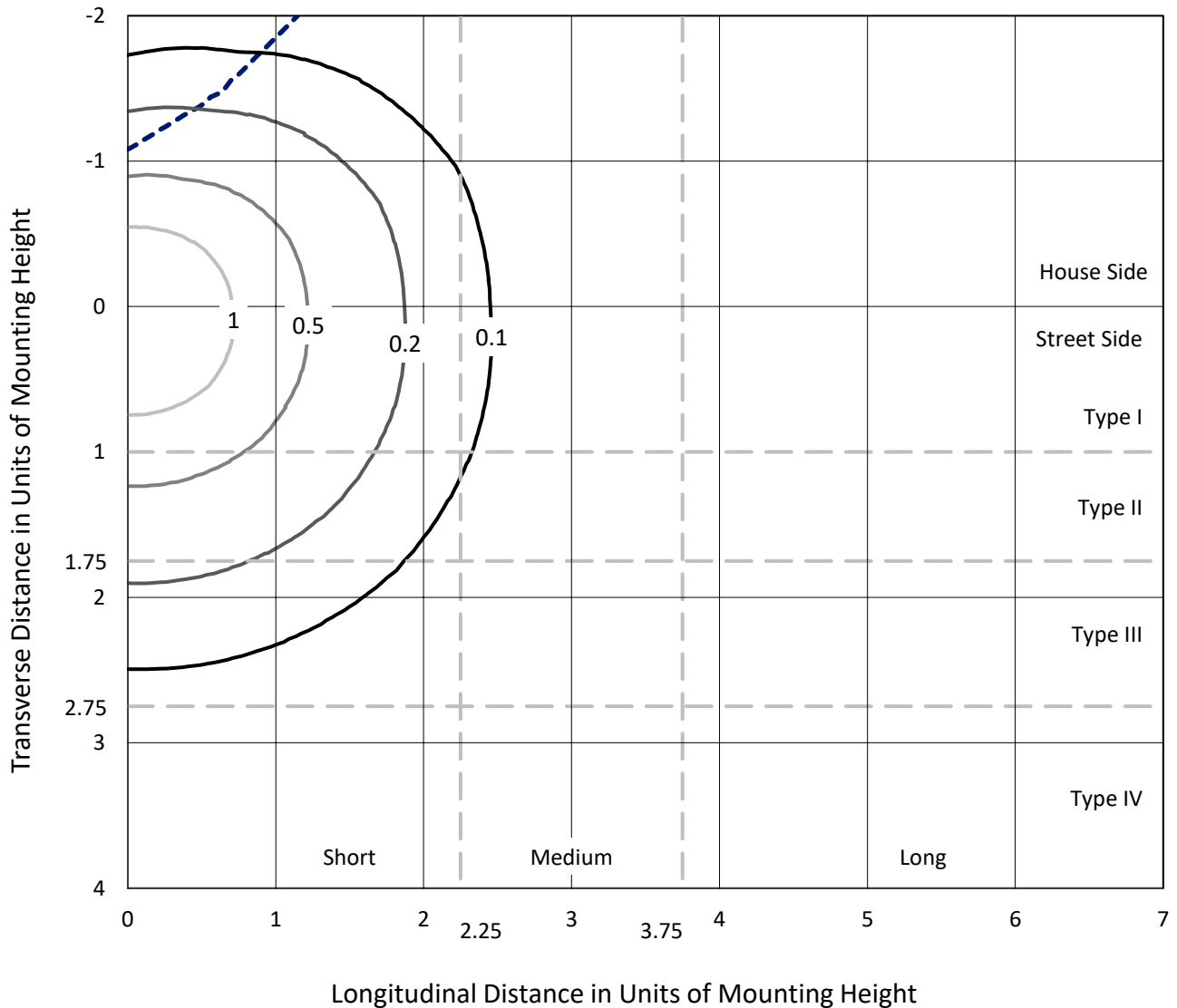
Input Watts (W): 11.5
 Input Voltage (V): 120.0
 Input Current (Ain): 0.096
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Iso-Footcandle Lines of Horizontal Illumination

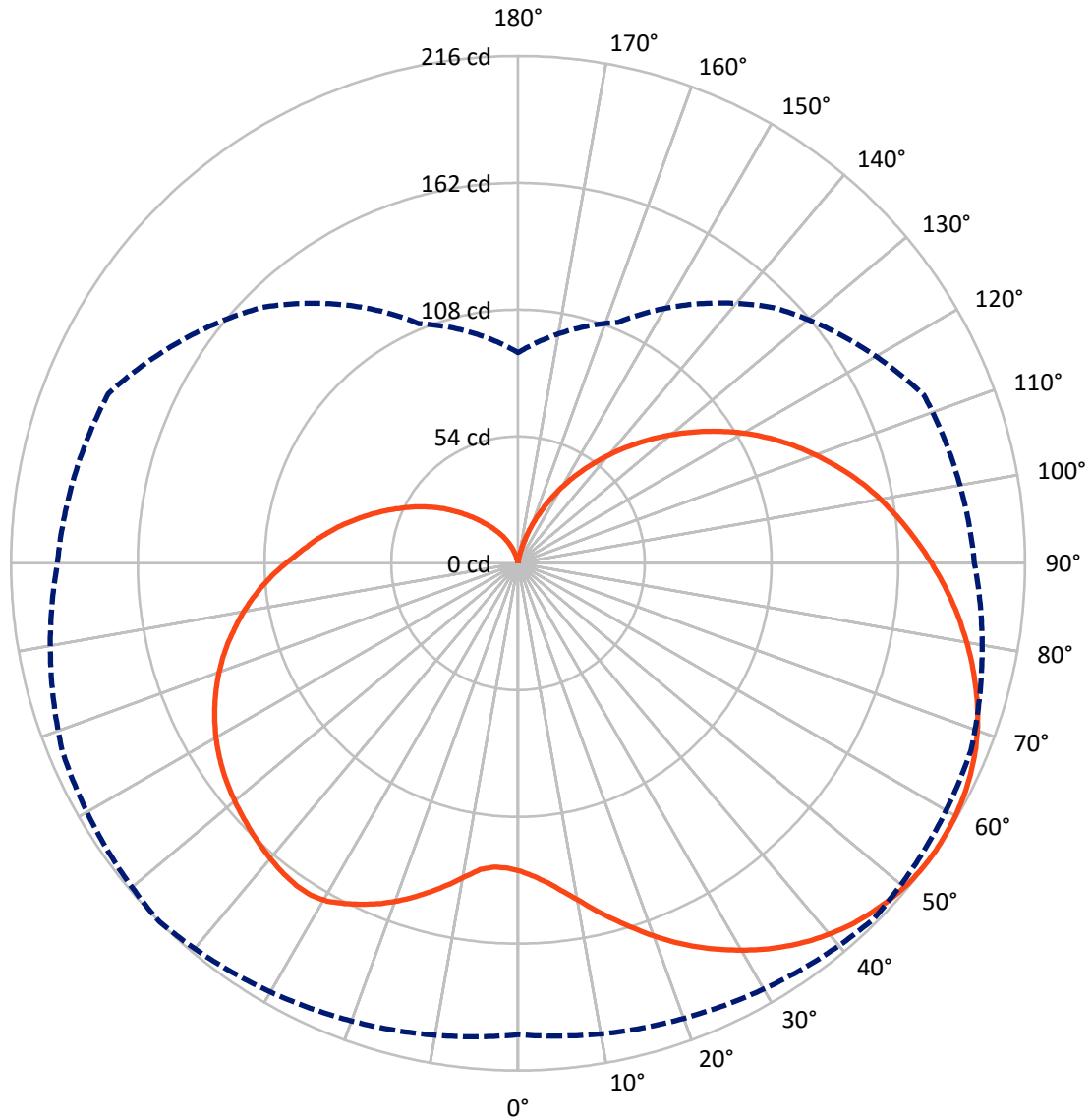
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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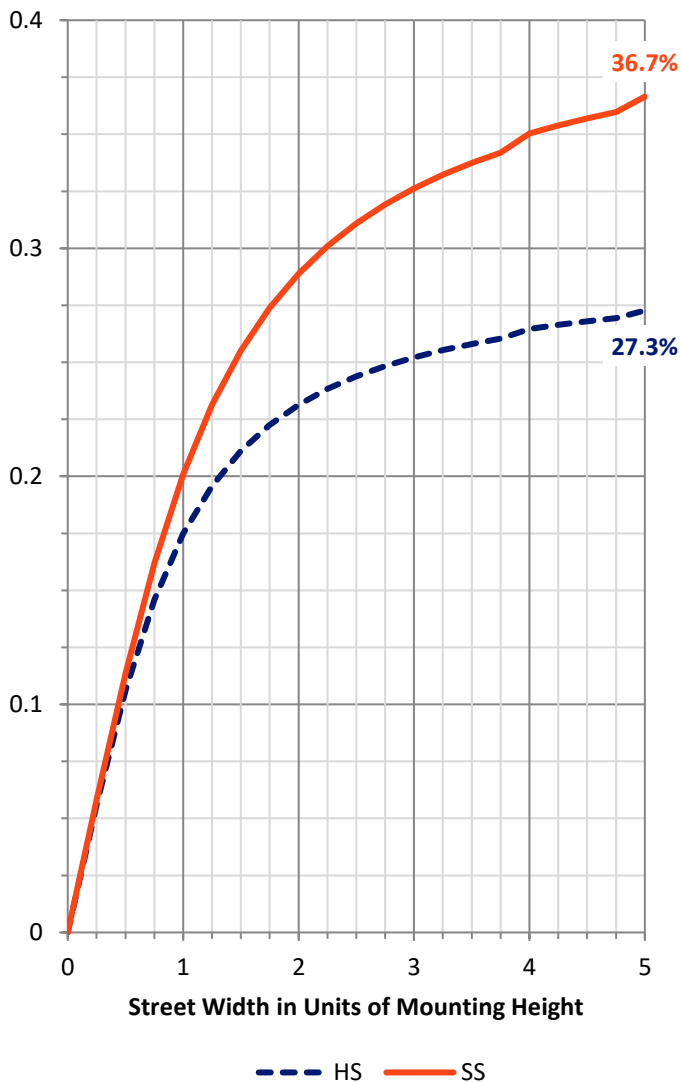
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	430.8	146.1	576.9
	% Fixture	29.0	9.8	38.9
Street Side	Lumens	600.7	306.4	907.1
	% Fixture	40.5	20.6	61.1
Total	Lumens	1031.5	452.5	1484.0
	% Fixture	69.5	30.5	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	0.9
10°-20°	43.1	2.9
20°-30°	78.3	5.3
30°-40°	112.2	7.6
40°-50°	139.8	9.4
50°-60°	159.4	10.7
60°-70°	168.5	11.4
70°-80°	165.4	11.1
80°-90°	151.9	10.2
90°-100°	132.0	8.9
100°-110°	109.1	7.3
110°-120°	84.0	5.7
120°-130°	59.5	4.0
130°-140°	37.6	2.5
140°-150°	20.2	1.4
150°-160°	8.2	0.6
160°-170°	1.7	0.1
170°-180°	0.1	0.0
0°-90°	1031.5	69.5
0°-180°	1484.0	100.0

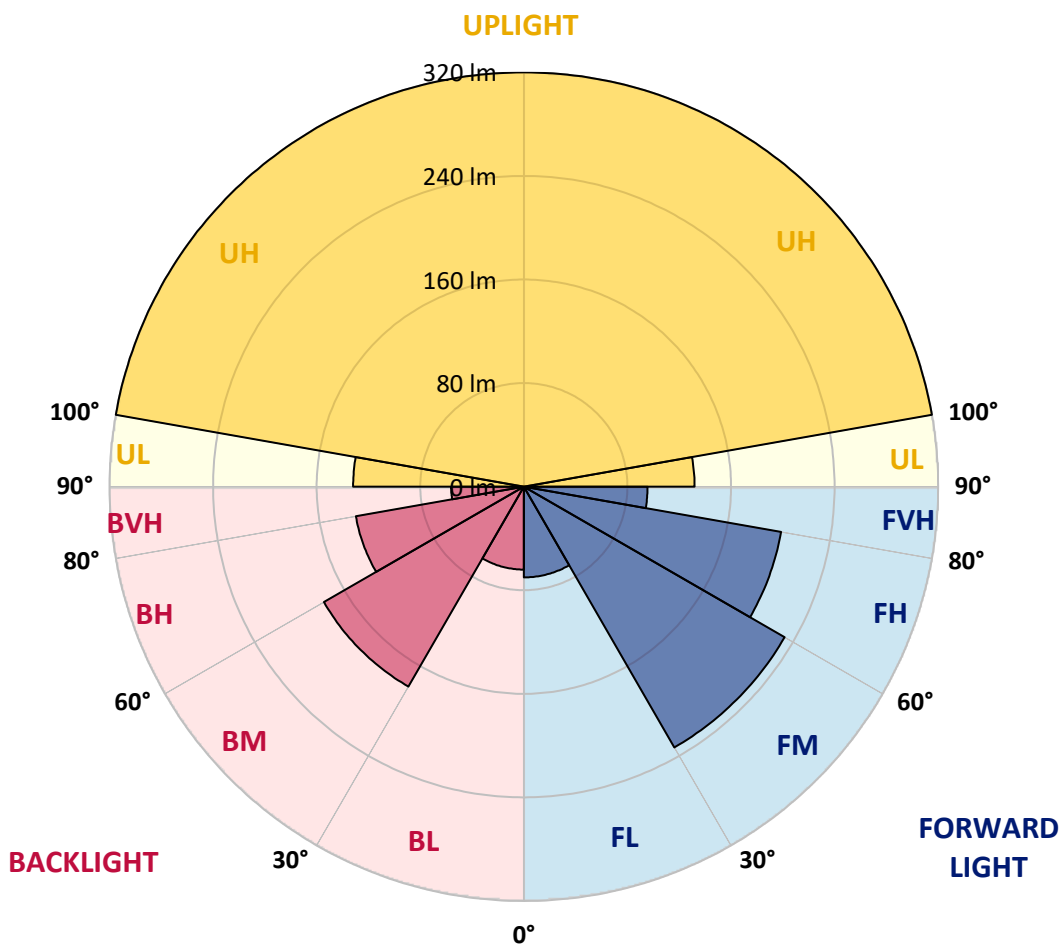


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	70.2	4.7			
FM (30°-60°)	232.9	15.7			
FH (60°-80°)	202.0	13.6			G0/660
FVH (80°-90°)	95.7	6.4			G1/100
BL (0°-30°)	64.1	4.3	B0/110		
BM (30°-60°)	178.5	12.0	B0/220		
BH (60°-80°)	131.9	8.9	B1/500		G1/500
BVH (80°-90°)	56.3	3.8			G1/100
UL (90°-100°)	132.0	8.9		U3/500	
UH (100°-180°)	320.4	21.6		U3/500	

BUG Rating: B1-U3-G1
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.7
5°	137.3	137.2	137.2	137.1	137.1	137.0	137.0	136.9	136.9	136.8	136.7
7.5°	142.0	141.9	141.9	141.8	141.7	141.7	141.6	141.5	141.5	141.4	141.2
10°	147.4	147.3	147.2	147.1	147.0	146.9	146.8	146.7	146.6	146.5	146.3
12.5°	153.3	153.2	153.1	153.0	152.8	152.7	152.6	152.5	152.4	152.2	152.0
15°	159.2	159.0	158.9	158.7	158.6	158.4	158.3	158.1	158.0	157.9	157.6
17.5°	164.9	164.8	164.6	164.5	164.3	164.2	164.1	163.9	163.8	163.6	163.4
20°	170.2	170.1	170.0	169.9	169.8	169.7	169.6	169.4	169.3	169.2	169.0
22.5°	175.0	175.0	174.9	174.8	174.7	174.6	174.5	174.4	174.4	174.3	174.1
25°	179.7	179.6	179.6	179.5	179.4	179.3	179.2	179.2	179.1	179.0	179.0
27.5°	183.9	183.8	183.8	183.8	183.8	183.7	183.7	183.7	183.7	183.6	183.7
30°	187.4	187.4	187.5	187.5	187.6	187.6	187.7	187.7	187.8	187.8	187.9
32.5°	190.5	190.6	190.7	190.8	190.9	191.0	191.1	191.3	191.4	191.5	191.7
35°	193.0	193.2	193.4	193.6	193.8	194.0	194.2	194.5	194.7	194.9	195.2
37.5°	195.1	195.4	195.7	196.0	196.3	196.6	196.8	197.1	197.4	197.7	198.1
40°	197.0	197.3	197.7	198.0	198.4	198.8	199.1	199.5	199.8	200.2	200.7
42.5°	198.3	198.8	199.2	199.6	200.0	200.4	200.9	201.3	201.7	202.1	202.7
45°	199.4	199.9	200.4	200.8	201.3	201.8	202.2	202.7	203.2	203.6	204.3
47.5°	200.0	200.6	201.1	201.7	202.2	202.8	203.3	203.9	204.4	205.0	205.7
50°	200.4	201.0	201.6	202.2	202.8	203.4	204.0	204.6	205.2	205.9	206.6
52.5°	200.6	201.2	201.8	202.5	203.1	203.8	204.4	205.1	205.7	206.4	207.2
55°	200.5	201.2	201.9	202.6	203.2	203.9	204.6	205.3	206.0	206.7	207.5
57.5°	200.0	200.7	201.4	202.2	202.9	203.6	204.3	205.0	205.7	206.5	207.3
60°	199.2	199.9	200.7	201.4	202.2	203.0	203.7	204.5	205.2	206.0	206.8
62.5°	197.9	198.7	199.5	200.3	201.1	201.9	202.7	203.5	204.3	205.1	205.9
65°	196.3	197.1	197.9	198.8	199.6	200.4	201.3	202.1	202.9	203.8	204.6
67.5°	194.4	195.2	196.0	196.9	197.7	198.6	199.4	200.2	201.1	201.9	202.7
70°	191.9	192.7	193.6	194.4	195.3	196.1	197.0	197.8	198.6	199.5	200.3
72.5°	188.9	189.8	190.6	191.5	192.4	193.2	194.1	194.9	195.8	196.7	197.4
75°	185.9	186.7	187.6	188.5	189.3	190.2	191.0	191.9	192.7	193.6	194.4
77.5°	182.2	183.1	184.0	184.8	185.7	186.6	187.5	188.4	189.3	190.2	190.9
80°	178.6	179.4	180.3	181.2	182.1	182.9	183.8	184.7	185.6	186.4	187.2
82.5°	174.5	175.4	176.3	177.2	178.1	179.0	179.8	180.7	181.6	182.5	183.2
85°	170.4	171.2	172.1	173.0	173.9	174.8	175.7	176.6	177.5	178.3	179.0
87.5°	166.1	167.0	167.9	168.8	169.7	170.6	171.5	172.4	173.2	174.1	174.8
90°	161.7	162.6	163.5	164.4	165.3	166.2	167.1	168.0	168.9	169.8	170.4
92.5°	157.5	158.3	159.2	160.1	161.0	161.9	162.7	163.6	164.5	165.4	166.0
95°	153.1	154.0	154.9	155.7	156.6	157.4	158.3	159.1	160.0	160.9	161.4
97.5°	148.7	149.5	150.4	151.3	152.1	153.0	153.8	154.7	155.5	156.4	156.9
100°	144.2	145.1	145.9	146.7	147.6	148.4	149.2	150.0	150.9	151.7	152.2
102.5°	139.6	140.4	141.2	142.0	142.7	143.5	144.3	145.1	145.9	146.7	147.2
105°	134.8	135.6	136.4	137.2	137.9	138.7	139.5	140.3	141.1	141.9	142.3
107.5°	129.9	130.6	131.4	132.1	132.9	133.6	134.4	135.1	135.9	136.7	137.1
110°	124.8	125.5	126.3	127.0	127.7	128.5	129.2	129.9	130.7	131.4	131.8

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	119.7	120.4	121.1	121.7	122.4	123.1	123.8	124.5	125.2	125.9	126.2
115°	114.2	114.9	115.6	116.2	116.9	117.6	118.2	118.9	119.6	120.3	120.5
117.5°	108.8	109.4	110.1	110.7	111.3	112.0	112.6	113.3	113.9	114.6	114.8
120°	103.0	103.6	104.2	104.8	105.4	106.0	106.6	107.2	107.9	108.5	108.7
122.5°	97.3	97.9	98.5	99.0	99.6	100.2	100.7	101.3	101.9	102.4	102.6
125°	91.6	92.1	92.7	93.2	93.7	94.2	94.8	95.3	95.8	96.3	96.5
127.5°	86.0	86.4	86.9	87.4	87.8	88.3	88.8	89.2	89.7	90.2	90.3
130°	80.3	80.8	81.2	81.6	82.1	82.5	83.0	83.4	83.8	84.3	84.4
132.5°	74.7	75.1	75.4	75.8	76.2	76.6	76.9	77.3	77.7	78.1	78.1
135°	69.1	69.4	69.7	70.1	70.4	70.8	71.1	71.5	71.8	72.1	72.2
137.5°	63.6	63.9	64.2	64.4	64.7	65.0	65.3	65.6	65.8	66.1	66.2
140°	58.1	58.4	58.6	58.9	59.1	59.4	59.7	59.9	60.2	60.4	60.4
142.5°	52.8	53.0	53.2	53.4	53.6	53.9	54.1	54.3	54.5	54.7	54.7
145°	47.3	47.5	47.6	47.8	48.0	48.1	48.3	48.5	48.7	48.8	48.9
147.5°	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.8	43.0	43.1	43.2
150°	36.4	36.6	36.7	36.8	36.9	37.0	37.1	37.3	37.4	37.5	37.5
152.5°	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.0	32.0	32.1
155°	26.1	26.2	26.2	26.3	26.4	26.4	26.5	26.5	26.6	26.7	26.7
157.5°	21.4	21.4	21.4	21.5	21.5	21.6	21.6	21.7	21.7	21.7	21.8
160°	16.6	16.6	16.7	16.7	16.8	16.8	16.9	16.9	17.0	17.0	17.1
162.5°	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.5
165°	8.1	8.1	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.4	8.4
167.5°	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.9
170°	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
172.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	133.6	133.5	133.5	133.4	133.3	133.3	133.2	133.1	133.0	132.9	132.8
5°	136.6	136.5	136.4	136.2	136.1	136.0	135.9	135.8	135.6	135.4	135.2
7.5°	141.1	140.9	140.8	140.6	140.4	140.3	140.1	140.0	139.7	139.5	139.3
10°	146.1	145.9	145.7	145.5	145.3	145.1	144.9	144.7	144.5	144.3	144.0
12.5°	151.8	151.5	151.3	151.1	150.9	150.6	150.4	150.2	149.9	149.7	149.5
15°	157.4	157.2	157.0	156.8	156.6	156.4	156.1	155.9	155.7	155.4	155.1
17.5°	163.2	162.9	162.7	162.5	162.3	162.0	161.8	161.6	161.3	161.0	160.6
20°	168.8	168.6	168.5	168.3	168.1	167.9	167.7	167.5	167.1	166.8	166.4
22.5°	174.0	173.9	173.8	173.7	173.5	173.4	173.3	173.2	172.8	172.3	171.9
25°	179.0	178.9	178.9	178.9	178.9	178.9	178.8	178.8	178.4	177.9	177.5
27.5°	183.7	183.7	183.8	183.8	183.9	183.9	183.9	184.0	183.5	183.0	182.5
30°	188.1	188.2	188.3	188.4	188.5	188.6	188.7	188.8	188.3	187.8	187.3
32.5°	191.9	192.2	192.4	192.6	192.8	193.0	193.3	193.5	193.0	192.4	191.9
35°	195.5	195.8	196.1	196.4	196.7	197.0	197.3	197.6	197.1	196.6	196.0
37.5°	198.5	198.9	199.4	199.8	200.2	200.6	201.0	201.4	200.9	200.3	199.7
40°	201.2	201.7	202.2	202.7	203.1	203.6	204.1	204.6	204.1	203.5	202.9
42.5°	203.3	203.9	204.5	205.1	205.7	206.3	206.9	207.5	206.9	206.3	205.8
45°	205.0	205.7	206.3	207.0	207.7	208.4	209.1	209.8	209.2	208.6	208.0
47.5°	206.4	207.2	207.9	208.6	209.3	210.1	210.8	211.5	210.9	210.3	209.7
50°	207.4	208.2	208.9	209.7	210.5	211.2	212.0	212.8	212.2	211.6	211.0
52.5°	208.0	208.8	209.6	210.4	211.2	212.0	212.8	213.6	213.0	212.4	211.8
55°	208.3	209.1	209.9	210.7	211.5	212.3	213.1	213.9	213.3	212.7	212.1
57.5°	208.1	208.9	209.7	210.5	211.3	212.1	212.9	213.8	213.1	212.5	211.9
60°	207.6	208.4	209.2	210.0	210.8	211.6	212.4	213.2	212.6	212.0	211.4
62.5°	206.7	207.5	208.3	209.1	209.9	210.7	211.5	212.3	211.6	210.9	210.3
65°	205.4	206.2	207.0	207.8	208.6	209.4	210.2	211.0	210.3	209.5	208.8
67.5°	203.5	204.3	205.1	205.9	206.7	207.4	208.2	209.0	208.3	207.5	206.8
70°	201.1	201.9	202.7	203.5	204.3	205.0	205.8	206.6	205.8	205.0	204.2
72.5°	198.2	199.0	199.8	200.5	201.3	202.1	202.9	203.7	202.8	202.0	201.2
75°	195.1	195.9	196.6	197.4	198.2	198.9	199.7	200.4	199.6	198.7	197.8
77.5°	191.7	192.4	193.2	193.9	194.6	195.4	196.1	196.9	196.0	195.1	194.2
80°	187.9	188.6	189.3	190.1	190.8	191.5	192.2	193.0	192.1	191.1	190.2
82.5°	183.9	184.6	185.2	185.9	186.6	187.3	188.0	188.7	187.7	186.8	185.9
85°	179.7	180.4	181.0	181.7	182.4	183.1	183.7	184.4	183.5	182.5	181.6
87.5°	175.4	176.1	176.8	177.4	178.1	178.7	179.4	180.0	179.1	178.1	177.1
90°	171.0	171.7	172.3	173.0	173.6	174.2	174.9	175.5	174.5	173.6	172.6
92.5°	166.6	167.2	167.9	168.5	169.1	169.7	170.4	171.0	170.0	169.0	167.9
95°	162.0	162.6	163.2	163.8	164.4	164.9	165.5	166.1	165.1	164.1	163.0
97.5°	157.5	158.0	158.5	159.1	159.6	160.1	160.7	161.2	160.2	159.2	158.2
100°	152.7	153.2	153.7	154.2	154.7	155.2	155.7	156.2	155.2	154.2	153.2
102.5°	147.7	148.2	148.7	149.2	149.6	150.1	150.6	151.1	150.1	149.1	148.1
105°	142.8	143.2	143.7	144.1	144.6	145.0	145.4	145.9	144.9	143.9	142.9
107.5°	137.5	137.9	138.3	138.7	139.2	139.6	140.0	140.4	139.4	138.4	137.5
110°	132.1	132.5	132.9	133.2	133.6	134.0	134.3	134.7	133.7	132.8	131.8

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	126.6	126.9	127.2	127.6	127.9	128.2	128.6	128.9	127.9	127.0	126.1
115°	120.8	121.1	121.4	121.7	121.9	122.2	122.5	122.8	121.9	121.0	120.1
117.5°	115.0	115.3	115.5	115.8	116.0	116.2	116.5	116.7	115.8	114.9	114.1
120°	108.9	109.1	109.3	109.5	109.8	110.0	110.2	110.4	109.6	108.7	107.9
122.5°	102.8	103.0	103.1	103.3	103.5	103.6	103.8	104.0	103.2	102.4	101.6
125°	96.6	96.8	96.9	97.0	97.2	97.3	97.4	97.6	96.8	96.0	95.2
127.5°	90.4	90.5	90.6	90.7	90.8	90.8	90.9	91.0	90.3	89.7	89.0
130°	84.4	84.5	84.5	84.6	84.7	84.7	84.8	84.9	84.2	83.5	82.9
132.5°	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.5	77.9	77.3	76.7
135°	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	71.9	71.4	70.8
137.5°	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.0	65.5	65.0
140°	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.2	59.7	59.3
142.5°	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.5	54.1	53.8
145°	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	48.8	48.5	48.1
147.5°	43.2	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.2	42.9	42.6
150°	37.6	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.6	37.4	37.2
152.5°	32.1	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.3	32.1	31.9
155°	26.8	26.8	26.9	26.9	27.0	27.0	27.0	27.1	27.0	26.8	26.7
157.5°	21.8	21.8	21.9	21.9	21.9	22.0	22.0	22.0	22.0	21.9	21.9
160°	17.1	17.1	17.2	17.2	17.3	17.3	17.3	17.4	17.3	17.3	17.3
162.5°	12.6	12.6	12.7	12.7	12.8	12.9	12.9	13.0	13.0	12.9	12.9
165°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9	8.9
167.5°	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
170°	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.4
172.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	132.7	132.6	132.5	132.4	132.3	132.2	132.1	132.0	132.0	131.9	131.8
5°	135.0	134.8	134.6	134.5	134.3	134.1	133.9	133.7	133.6	133.4	133.2
7.5°	139.1	138.8	138.6	138.4	138.1	137.9	137.6	137.4	137.1	136.8	136.6
10°	143.8	143.6	143.4	143.1	142.9	142.7	142.4	142.1	141.8	141.5	141.2
12.5°	149.2	149.0	148.7	148.5	148.3	148.0	147.7	147.3	147.0	146.6	146.3
15°	154.9	154.6	154.3	154.1	153.8	153.5	153.1	152.8	152.4	152.0	151.6
17.5°	160.3	160.0	159.7	159.4	159.1	158.7	158.3	158.0	157.6	157.2	156.8
20°	166.1	165.7	165.3	165.0	164.6	164.3	163.8	163.3	162.8	162.4	161.9
22.5°	171.5	171.1	170.7	170.3	169.9	169.4	168.9	168.4	167.9	167.4	166.9
25°	177.0	176.6	176.1	175.7	175.2	174.8	174.1	173.5	172.9	172.3	171.7
27.5°	182.0	181.6	181.1	180.6	180.1	179.6	179.0	178.3	177.6	177.0	176.3
30°	186.8	186.4	185.9	185.4	184.9	184.4	183.6	182.9	182.1	181.4	180.6
32.5°	191.4	190.8	190.3	189.8	189.3	188.7	187.9	187.0	186.2	185.3	184.5
35°	195.5	195.0	194.4	193.9	193.4	192.8	191.9	190.9	190.0	189.1	188.1
37.5°	199.2	198.6	198.0	197.5	196.9	196.4	195.3	194.3	193.3	192.3	191.3
40°	202.4	201.8	201.3	200.7	200.2	199.6	198.5	197.4	196.2	195.1	194.0
42.5°	205.2	204.6	204.0	203.4	202.8	202.2	201.0	199.8	198.6	197.4	196.2
45°	207.4	206.8	206.2	205.7	205.1	204.5	203.2	201.9	200.6	199.3	198.0
47.5°	209.2	208.6	208.0	207.4	206.8	206.2	204.8	203.5	202.1	200.7	199.4
50°	210.5	209.9	209.3	208.7	208.1	207.6	206.1	204.6	203.2	201.7	200.2
52.5°	211.2	210.7	210.1	209.5	208.9	208.4	206.8	205.3	203.7	202.2	200.6
55°	211.5	210.9	210.3	209.7	209.1	208.5	206.9	205.3	203.7	202.1	200.6
57.5°	211.3	210.7	210.1	209.5	208.9	208.3	206.6	205.0	203.3	201.6	200.0
60°	210.7	210.1	209.5	208.9	208.3	207.6	205.9	204.2	202.5	200.7	199.0
62.5°	209.6	208.9	208.2	207.5	206.8	206.1	204.4	202.6	200.9	199.1	197.4
65°	208.1	207.4	206.6	205.9	205.2	204.4	202.6	200.8	199.0	197.1	195.3
67.5°	206.0	205.2	204.5	203.7	203.0	202.2	200.3	198.5	196.6	194.7	192.9
70°	203.4	202.5	201.7	200.9	200.1	199.3	197.4	195.5	193.6	191.8	189.9
72.5°	200.3	199.5	198.7	197.9	197.0	196.2	194.3	192.3	190.4	188.4	186.5
75°	197.0	196.1	195.3	194.4	193.5	192.7	190.7	188.7	186.7	184.7	182.8
77.5°	193.3	192.4	191.5	190.6	189.7	188.8	186.8	184.8	182.7	180.7	178.7
80°	189.3	188.4	187.5	186.6	185.7	184.8	182.7	180.7	178.6	176.6	174.5
82.5°	185.0	184.1	183.1	182.2	181.3	180.4	178.3	176.2	174.2	172.1	170.0
85°	180.6	179.7	178.8	177.8	176.9	175.9	173.9	171.8	169.7	167.6	165.6
87.5°	176.1	175.2	174.2	173.2	172.3	171.3	169.2	167.2	165.2	163.1	161.1
90°	171.6	170.7	169.7	168.7	167.8	166.8	164.7	162.6	160.6	158.5	156.5
92.5°	166.9	165.9	164.9	163.9	162.8	161.8	159.8	157.8	155.7	153.7	151.7
95°	162.0	161.0	160.0	159.0	157.9	156.9	154.9	152.9	150.9	148.9	146.9
97.5°	157.2	156.2	155.2	154.2	153.2	152.2	150.2	148.2	146.2	144.2	142.3
100°	152.2	151.2	150.2	149.2	148.2	147.2	145.3	143.3	141.4	139.4	137.5
102.5°	147.1	146.1	145.1	144.1	143.1	142.1	140.2	138.4	136.5	134.6	132.8
105°	141.9	140.9	139.9	138.9	137.9	136.9	135.1	133.3	131.6	129.8	128.0
107.5°	136.5	135.5	134.5	133.5	132.6	131.6	129.9	128.2	126.5	124.8	123.1
110°	130.9	129.9	128.9	128.0	127.0	126.1	124.5	122.9	121.3	119.7	118.1

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	125.1	124.2	123.2	122.3	121.3	120.4	118.8	117.3	115.7	114.2	112.6
115°	119.2	118.3	117.4	116.5	115.6	114.7	113.2	111.8	110.3	108.8	107.4
117.5°	113.2	112.3	111.4	110.5	109.6	108.7	107.3	106.0	104.6	103.2	101.8
120°	107.0	106.1	105.3	104.4	103.6	102.7	101.4	100.1	98.8	97.5	96.2
122.5°	100.8	99.9	99.1	98.3	97.5	96.7	95.5	94.3	93.2	92.0	90.8
125°	94.5	93.7	92.9	92.1	91.3	90.6	89.5	88.4	87.3	86.2	85.2
127.5°	88.3	87.6	86.9	86.2	85.5	84.8	83.8	82.7	81.7	80.7	79.6
130°	82.2	81.6	80.9	80.2	79.6	78.9	78.0	77.0	76.0	75.1	74.1
132.5°	76.1	75.5	75.0	74.4	73.8	73.2	72.3	71.5	70.6	69.7	68.8
135°	70.3	69.8	69.3	68.7	68.2	67.7	66.8	66.0	65.2	64.4	63.6
137.5°	64.6	64.1	63.6	63.1	62.6	62.2	61.4	60.6	59.9	59.1	58.4
140°	58.9	58.4	58.0	57.6	57.2	56.7	56.0	55.3	54.6	53.9	53.2
142.5°	53.4	53.0	52.6	52.2	51.9	51.5	50.8	50.2	49.5	48.8	48.1
145°	47.8	47.5	47.1	46.8	46.5	46.1	45.5	44.9	44.3	43.7	43.1
147.5°	42.4	42.1	41.8	41.5	41.3	41.0	40.4	39.9	39.3	38.8	38.3
150°	37.0	36.8	36.6	36.3	36.1	35.9	35.4	35.0	34.5	34.0	33.5
152.5°	31.8	31.6	31.4	31.2	31.1	30.9	30.5	30.1	29.6	29.2	28.8
155°	26.6	26.5	26.4	26.2	26.1	26.0	25.7	25.3	25.0	24.6	24.3
157.5°	21.8	21.8	21.7	21.7	21.6	21.5	21.3	21.0	20.7	20.4	20.2
160°	17.2	17.2	17.1	17.1	17.1	17.0	16.8	16.6	16.4	16.2	15.9
162.5°	12.9	12.8	12.8	12.8	12.7	12.7	12.5	12.4	12.2	12.0	11.9
165°	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.6	8.5	8.4	8.3
167.5°	5.2	5.2	5.2	5.2	5.2	5.3	5.2	5.2	5.1	5.1	5.0
170°	2.4	2.5	2.5	2.6	2.6	2.7	2.6	2.6	2.5	2.4	2.4
172.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 CATALOG NUMBER: FE12S40FDW

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	131.7	131.6	131.6	131.5	131.4	131.3	131.1	131.0	130.9	130.8	130.7
5°	133.1	132.9	132.7	132.6	132.4	132.2	132.0	131.8	131.6	131.4	131.2
7.5°	136.3	136.0	135.7	135.5	135.2	134.9	134.7	134.4	134.1	133.8	133.6
10°	140.9	140.7	140.4	140.1	139.7	139.4	139.1	138.7	138.4	138.0	137.7
12.5°	145.9	145.6	145.2	144.9	144.5	144.1	143.8	143.4	143.0	142.6	142.3
15°	151.2	150.9	150.5	150.1	149.7	149.2	148.8	148.4	147.9	147.5	147.0
17.5°	156.4	156.0	155.6	155.2	154.7	154.2	153.7	153.3	152.8	152.3	151.8
20°	161.4	160.9	160.4	160.0	159.5	158.9	158.4	157.9	157.4	156.9	156.4
22.5°	166.3	165.8	165.3	164.8	164.2	163.7	163.1	162.5	161.9	161.4	160.8
25°	171.1	170.5	169.9	169.3	168.7	168.1	167.5	166.9	166.3	165.7	165.1
27.5°	175.6	174.9	174.3	173.6	173.0	172.3	171.7	171.0	170.3	169.7	169.0
30°	179.8	179.1	178.3	177.6	176.9	176.2	175.5	174.8	174.1	173.4	172.8
32.5°	183.6	182.8	182.0	181.1	180.4	179.7	179.0	178.2	177.5	176.8	176.1
35°	187.2	186.2	185.3	184.4	183.6	182.8	182.0	181.2	180.5	179.7	178.9
37.5°	190.2	189.2	188.2	187.2	186.4	185.6	184.8	184.0	183.2	182.4	181.6
40°	192.9	191.8	190.6	189.5	188.7	187.9	187.1	186.3	185.5	184.7	183.9
42.5°	195.0	193.8	192.6	191.4	190.5	189.7	188.9	188.0	187.2	186.4	185.5
45°	196.7	195.4	194.1	192.8	192.0	191.1	190.3	189.4	188.6	187.8	186.9
47.5°	198.0	196.6	195.3	193.9	193.1	192.2	191.4	190.5	189.6	188.8	187.9
50°	198.7	197.3	195.8	194.3	193.5	192.7	191.8	191.0	190.1	189.3	188.5
52.5°	199.1	197.5	196.0	194.5	193.6	192.8	191.9	191.1	190.3	189.4	188.6
55°	199.0	197.4	195.8	194.2	193.4	192.6	191.8	191.0	190.2	189.4	188.5
57.5°	198.3	196.6	194.9	193.3	192.5	191.7	191.0	190.2	189.4	188.6	187.8
60°	197.3	195.6	193.8	192.1	191.4	190.6	189.9	189.2	188.4	187.7	187.0
62.5°	195.6	193.9	192.1	190.3	189.7	189.0	188.3	187.7	187.0	186.3	185.7
65°	193.5	191.7	189.8	188.0	187.4	186.8	186.2	185.6	185.0	184.5	183.9
67.5°	191.0	189.1	187.2	185.4	184.8	184.3	183.7	183.2	182.6	182.1	181.5
70°	188.0	186.1	184.2	182.4	181.9	181.4	180.9	180.4	179.9	179.4	178.9
72.5°	184.5	182.6	180.7	178.7	178.3	177.9	177.5	177.0	176.6	176.2	175.8
75°	180.8	178.8	176.8	174.9	174.5	174.2	173.8	173.5	173.2	172.8	172.5
77.5°	176.7	174.7	172.6	170.6	170.3	170.1	169.8	169.5	169.2	168.9	168.7
80°	172.5	170.4	168.4	166.4	166.1	165.9	165.6	165.4	165.1	164.9	164.6
82.5°	167.9	165.9	163.8	161.7	161.5	161.3	161.1	160.9	160.7	160.5	160.3
85°	163.5	161.4	159.3	157.3	157.1	156.9	156.7	156.5	156.4	156.2	156.0
87.5°	159.0	157.0	154.9	152.9	152.7	152.4	152.2	152.0	151.8	151.5	151.3
90°	154.4	152.3	150.3	148.2	147.9	147.6	147.3	147.0	146.7	146.4	146.1
92.5°	149.7	147.6	145.6	143.6	143.2	142.8	142.4	142.0	141.6	141.2	140.8
95°	145.0	143.0	141.0	139.0	138.5	138.0	137.5	137.0	136.5	136.1	135.6
97.5°	140.3	138.3	136.3	134.3	133.8	133.2	132.7	132.1	131.5	131.0	130.4
100°	135.5	133.6	131.7	129.7	129.1	128.5	127.9	127.2	126.6	126.0	125.4
102.5°	130.9	129.0	127.2	125.3	124.6	123.9	123.2	122.5	121.8	121.1	120.4
105°	126.3	124.5	122.8	121.0	120.2	119.4	118.6	117.8	117.0	116.3	115.5
107.5°	121.4	119.7	118.1	116.4	115.5	114.6	113.7	112.8	111.9	111.1	110.2
110°	116.5	114.9	113.3	111.7	110.7	109.8	108.8	107.8	106.9	105.9	104.9

REPORT NUMBER: P600775
 CATALOG NUMBER: FE12S40FDW

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	111.1	109.5	108.0	106.4	105.4	104.4	103.4	102.4	101.4	100.3	99.3
115°	105.9	104.4	103.0	101.5	100.5	99.4	98.3	97.3	96.2	95.2	94.1
117.5°	100.4	99.1	97.7	96.3	95.2	94.1	93.1	92.0	90.9	89.9	88.8
120°	94.9	93.6	92.4	91.1	90.0	88.9	87.8	86.7	85.6	84.5	83.4
122.5°	89.6	88.4	87.3	86.1	85.0	83.8	82.7	81.6	80.4	79.3	78.2
125°	84.1	83.0	81.9	80.8	79.7	78.6	77.5	76.3	75.2	74.1	73.0
127.5°	78.6	77.6	76.6	75.5	74.4	73.3	72.2	71.1	69.9	68.8	67.7
130°	73.2	72.2	71.3	70.3	69.2	68.1	67.0	65.9	64.8	63.6	62.5
132.5°	67.9	67.0	66.2	65.3	64.2	63.1	62.0	60.9	59.8	58.7	57.5
135°	62.8	61.9	61.1	60.3	59.2	58.1	57.0	55.9	54.8	53.7	52.6
137.5°	57.6	56.8	56.1	55.3	54.2	53.2	52.1	51.0	49.9	48.8	47.7
140°	52.4	51.7	51.0	50.3	49.2	48.2	47.2	46.1	45.1	44.0	43.0
142.5°	47.5	46.8	46.1	45.4	44.5	43.5	42.5	41.5	40.5	39.5	38.5
145°	42.5	41.9	41.3	40.7	39.8	38.8	37.9	37.0	36.1	35.1	34.2
147.5°	37.7	37.2	36.6	36.1	35.3	34.4	33.6	32.7	31.9	31.0	30.2
150°	33.0	32.5	32.1	31.6	30.8	30.0	29.3	28.5	27.8	27.0	26.3
152.5°	28.4	28.0	27.5	27.1	26.5	25.9	25.2	24.6	24.0	23.4	22.7
155°	24.0	23.6	23.3	22.9	22.4	21.9	21.3	20.8	20.2	19.7	19.2
157.5°	19.9	19.6	19.3	19.1	18.6	18.1	17.6	17.1	16.7	16.2	15.7
160°	15.7	15.5	15.3	15.1	14.7	14.3	13.9	13.5	13.1	12.7	12.3
162.5°	11.7	11.6	11.4	11.2	10.9	10.6	10.3	10.0	9.7	9.4	9.1
165°	8.1	8.0	7.9	7.8	7.5	7.3	7.1	6.8	6.6	6.4	6.1
167.5°	5.0	4.9	4.9	4.9	4.7	4.5	4.3	4.1	3.9	3.8	3.6
170°	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.6
172.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
175°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	130.6	130.5	130.4	130.3	130.2	130.1	130.1	130.0	129.9	129.8	129.7
5°	131.0	130.8	130.7	130.5	130.4	130.3	130.1	130.0	129.9	129.7	129.6
7.5°	133.3	133.0	132.8	132.6	132.4	132.2	132.0	131.8	131.6	131.4	131.2
10°	137.3	137.0	136.8	136.5	136.3	136.1	135.9	135.7	135.4	135.2	135.0
12.5°	141.9	141.5	141.3	141.1	140.8	140.6	140.4	140.1	139.9	139.7	139.5
15°	146.6	146.2	145.9	145.6	145.4	145.1	144.9	144.6	144.3	144.1	143.8
17.5°	151.3	150.8	150.5	150.2	149.9	149.6	149.3	149.0	148.7	148.4	148.1
20°	155.9	155.4	155.1	154.7	154.4	154.0	153.7	153.3	153.0	152.6	152.3
22.5°	160.2	159.7	159.3	158.9	158.5	158.1	157.7	157.3	156.9	156.5	156.1
25°	164.4	163.8	163.3	162.8	162.3	161.8	161.3	160.8	160.3	159.8	159.4
27.5°	168.4	167.7	167.1	166.6	166.0	165.4	164.8	164.2	163.6	163.0	162.4
30°	172.1	171.4	170.7	170.0	169.3	168.6	167.9	167.2	166.5	165.8	165.1
32.5°	175.4	174.7	173.7	172.8	171.9	171.0	170.1	169.2	168.2	167.3	166.4
35°	178.1	177.3	176.1	174.9	173.7	172.4	171.2	170.0	168.8	167.6	166.3
37.5°	180.8	180.0	178.4	176.8	175.2	173.6	171.9	170.3	168.7	167.1	165.5
40°	183.1	182.2	180.2	178.2	176.2	174.2	172.2	170.2	168.2	166.2	164.2
42.5°	184.7	183.9	181.5	179.2	176.8	174.5	172.2	169.8	167.5	165.1	162.8
45°	186.1	185.2	182.6	179.9	177.2	174.5	171.9	169.2	166.5	163.8	161.2
47.5°	187.1	186.2	183.2	180.3	177.3	174.3	171.3	168.3	165.4	162.4	159.4
50°	187.6	186.8	183.6	180.3	177.1	173.9	170.6	167.4	164.2	160.9	157.7
52.5°	187.8	186.9	183.5	180.0	176.6	173.1	169.6	166.2	162.7	159.3	155.8
55°	187.7	186.9	183.3	179.6	175.9	172.2	168.5	164.9	161.2	157.5	153.8
57.5°	187.1	186.3	182.4	178.6	174.7	170.8	167.0	163.1	159.2	155.3	151.5
60°	186.2	185.5	181.4	177.4	173.3	169.3	165.2	161.1	157.1	153.0	148.9
62.5°	185.0	184.3	180.1	175.8	171.6	167.3	163.1	158.8	154.6	150.3	146.1
65°	183.3	182.7	178.3	173.8	169.4	165.0	160.6	156.2	151.8	147.4	143.0
67.5°	181.0	180.5	175.9	171.4	166.9	162.3	157.8	153.3	148.7	144.2	139.7
70°	178.5	178.0	173.3	168.7	164.0	159.3	154.7	150.0	145.4	140.7	136.1
72.5°	175.4	175.0	170.2	165.5	160.7	156.0	151.3	146.5	141.8	137.0	132.3
75°	172.2	171.8	167.0	162.1	157.3	152.4	147.6	142.8	137.9	133.1	128.2
77.5°	168.4	168.1	163.2	158.3	153.3	148.4	143.5	138.6	133.6	128.7	123.8
80°	164.4	164.1	159.1	154.2	149.2	144.3	139.3	134.3	129.4	124.4	119.4
82.5°	160.1	159.9	154.9	149.9	144.9	139.9	134.8	129.8	124.8	119.8	114.8
85°	155.8	155.6	150.5	145.5	140.4	135.3	130.3	125.2	120.1	115.0	110.0
87.5°	151.1	150.9	145.8	140.7	135.6	130.5	125.4	120.3	115.2	110.1	105.0
90°	145.9	145.6	140.5	135.4	130.3	125.2	120.1	115.0	109.9	104.8	99.7
92.5°	140.5	140.1	135.0	130.0	124.9	119.9	114.9	109.8	104.8	99.7	94.7
95°	135.1	134.6	129.6	124.7	119.7	114.8	109.9	104.9	100.0	95.0	90.1
97.5°	129.9	129.3	124.5	119.6	114.8	109.9	105.1	100.3	95.4	90.6	85.7
100°	124.8	124.2	119.4	114.6	109.9	105.1	100.3	95.6	90.8	86.0	81.3
102.5°	119.7	119.0	114.4	109.7	105.0	100.3	95.7	91.0	86.3	81.7	77.0
105°	114.7	113.9	109.3	104.7	100.1	95.5	90.9	86.3	81.7	77.1	72.5
107.5°	109.3	108.4	103.9	99.5	95.0	90.6	86.1	81.6	77.2	72.7	68.3
110°	103.9	103.0	98.6	94.3	90.0	85.7	81.4	77.0	72.7	68.4	64.1

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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	98.3	97.3	93.2	89.0	84.9	80.7	76.6	72.4	68.3	64.2	60.0
115°	93.0	92.0	88.0	84.0	80.0	76.0	72.0	68.1	64.1	60.1	56.1
117.5°	87.7	86.6	82.8	79.0	75.2	71.4	67.6	63.8	60.0	56.2	52.4
120°	82.4	81.3	77.7	74.0	70.4	66.8	63.2	59.6	56.0	52.3	48.7
122.5°	77.1	75.9	72.5	69.1	65.7	62.2	58.8	55.4	52.0	48.5	45.1
125°	71.8	70.7	67.5	64.3	61.0	57.8	54.6	51.3	48.1	44.9	41.7
127.5°	66.6	65.5	62.4	59.4	56.4	53.3	50.3	47.3	44.3	41.2	38.2
130°	61.4	60.3	57.5	54.6	51.8	48.9	46.1	43.2	40.4	37.5	34.7
132.5°	56.4	55.3	52.7	50.0	47.4	44.7	42.1	39.4	36.8	34.1	31.5
135°	51.5	50.4	47.9	45.5	43.0	40.6	38.2	35.7	33.3	30.8	28.4
137.5°	46.7	45.6	43.3	41.1	38.9	36.6	34.4	32.2	29.9	27.7	25.4
140°	41.9	40.9	38.9	36.8	34.8	32.8	30.8	28.7	26.7	24.7	22.7
142.5°	37.5	36.6	34.8	33.0	31.2	29.4	27.6	25.8	24.0	22.2	20.4
145°	33.3	32.4	30.8	29.2	27.6	26.1	24.5	22.9	21.3	19.7	18.2
147.5°	29.4	28.5	27.1	25.8	24.4	23.0	21.6	20.2	18.8	17.4	16.1
150°	25.5	24.7	23.5	22.4	21.2	20.0	18.8	17.6	16.4	15.2	14.0
152.5°	22.1	21.5	20.4	19.4	18.3	17.3	16.2	15.2	14.1	13.1	12.0
155°	18.6	18.1	17.2	16.3	15.4	14.5	13.6	12.7	11.9	11.0	10.1
157.5°	15.2	14.7	14.0	13.3	12.5	11.8	11.1	10.4	9.6	8.9	8.2
160°	11.9	11.6	11.0	10.4	9.8	9.2	8.6	8.0	7.4	6.9	6.3
162.5°	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.9
165°	5.9	5.7	5.4	5.0	4.7	4.4	4.0	3.7	3.4	3.1	2.7
167.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6
170°	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.5
172.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	129.7	129.6	129.6	129.5	129.5	129.4	129.4	129.3	129.3	129.3	129.3
5°	129.5	129.4	129.3	129.1	129.0	128.9	128.8	128.7	128.6	128.7	128.8
7.5°	131.0	130.9	130.8	130.7	130.6	130.5	130.4	130.2	130.1	130.2	130.3
10°	134.9	134.7	134.6	134.5	134.4	134.2	134.1	134.0	133.8	133.9	134.0
12.5°	139.3	139.1	138.9	138.8	138.6	138.4	138.2	138.1	137.9	138.0	138.1
15°	143.6	143.4	143.2	143.0	142.8	142.6	142.4	142.2	142.0	142.0	142.1
17.5°	147.9	147.6	147.3	147.0	146.7	146.5	146.2	145.9	145.6	145.7	145.7
20°	151.9	151.6	151.2	150.9	150.6	150.2	149.9	149.5	149.2	149.2	149.2
22.5°	155.6	155.2	154.8	154.3	153.9	153.5	153.0	152.6	152.2	152.1	152.0
25°	158.8	158.3	157.7	157.2	156.7	156.1	155.6	155.0	154.5	154.2	153.9
27.5°	161.6	160.7	159.8	158.9	158.0	157.1	156.3	155.4	154.5	154.0	153.5
30°	163.7	162.4	161.0	159.7	158.3	156.9	155.6	154.2	152.9	152.1	151.4
32.5°	164.6	162.7	160.9	159.0	157.2	155.4	153.5	151.7	149.8	149.0	148.1
35°	164.1	161.8	159.6	157.3	155.1	152.8	150.5	148.3	146.0	145.0	144.0
37.5°	162.9	160.2	157.6	155.0	152.3	149.7	147.1	144.5	141.8	140.7	139.5
40°	161.3	158.3	155.3	152.3	149.3	146.3	143.3	140.3	137.4	136.0	134.6
42.5°	159.5	156.1	152.8	149.5	146.1	142.8	139.5	136.2	132.8	131.3	129.8
45°	157.5	153.8	150.2	146.5	142.9	139.2	135.6	131.9	128.3	126.5	124.7
47.5°	155.4	151.4	147.5	143.5	139.5	135.6	131.6	127.6	123.6	121.7	119.7
50°	153.4	149.2	144.9	140.7	136.4	132.2	127.9	123.7	119.4	117.3	115.1
52.5°	151.3	146.8	142.3	137.8	133.3	128.8	124.2	119.7	115.2	112.9	110.7
55°	149.1	144.3	139.5	134.8	130.0	125.2	120.5	115.7	110.9	108.5	106.2
57.5°	146.5	141.5	136.5	131.5	126.5	121.6	116.6	111.6	106.6	104.1	101.7
60°	143.7	138.5	133.4	128.2	123.0	117.8	112.6	107.4	102.2	99.7	97.1
62.5°	140.7	135.3	130.0	124.6	119.2	113.9	108.5	103.1	97.8	95.1	92.5
65°	137.4	131.9	126.4	120.8	115.3	109.8	104.3	98.7	93.2	90.5	87.8
67.5°	134.0	128.4	122.7	117.1	111.4	105.8	100.1	94.5	88.8	86.1	83.3
70°	130.3	124.6	118.8	113.1	107.3	101.6	95.9	90.1	84.4	81.5	78.7
72.5°	126.4	120.6	114.7	108.9	103.1	97.2	91.4	85.5	79.7	76.8	74.0
75°	122.3	116.4	110.4	104.5	98.6	92.7	86.7	80.8	74.9	72.0	69.2
77.5°	117.8	111.8	105.8	99.8	93.8	87.8	81.8	75.8	69.8	66.9	64.1
80°	113.4	107.3	101.2	95.1	89.1	83.0	76.9	70.8	64.7	61.9	59.1
82.5°	108.7	102.6	96.5	90.4	84.3	78.2	72.1	66.0	59.9	57.1	54.3
85°	103.9	97.8	91.7	85.7	79.6	73.5	67.4	61.3	55.3	52.5	49.7
87.5°	99.0	92.9	86.9	80.9	74.8	68.8	62.8	56.7	50.7	48.0	45.3
90°	93.8	87.8	81.9	75.9	70.0	64.0	58.1	52.1	46.2	43.6	41.0
92.5°	88.9	83.0	77.2	71.4	65.5	59.7	53.9	48.0	42.2	39.7	37.2
95°	84.3	78.6	72.8	67.1	61.3	55.6	49.8	44.1	38.4	36.0	33.6
97.5°	80.1	74.4	68.8	63.1	57.4	51.8	46.1	40.4	34.8	32.5	30.2
100°	75.7	70.1	64.6	59.0	53.5	47.9	42.4	36.8	31.3	29.1	27.0
102.5°	71.6	66.1	60.7	55.3	49.9	44.4	39.0	33.6	28.2	26.2	24.2
105°	67.2	62.0	56.7	51.5	46.2	41.0	35.7	30.5	25.2	23.4	21.5
107.5°	63.2	58.1	53.0	47.9	42.8	37.7	32.6	27.5	22.4	20.6	18.9
110°	59.2	54.3	49.4	44.5	39.6	34.7	29.7	24.8	19.9	18.3	16.7

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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	55.3	50.5	45.8	41.1	36.3	31.6	26.8	22.1	17.3	15.8	14.3
115°	51.5	46.9	42.3	37.7	33.1	28.5	23.9	19.3	14.7	13.3	12.0
117.5°	48.0	43.6	39.2	34.8	30.4	26.0	21.6	17.2	12.8	11.5	10.3
120°	44.6	40.4	36.2	32.1	27.9	23.8	19.6	15.5	11.3	10.2	9.1
122.5°	41.2	37.3	33.4	29.5	25.6	21.7	17.8	13.9	10.0	9.0	8.0
125°	38.0	34.4	30.8	27.1	23.5	19.9	16.2	12.6	9.0	8.1	7.2
127.5°	34.8	31.5	28.1	24.7	21.4	18.0	14.6	11.3	7.9	7.1	6.4
130°	31.6	28.5	25.4	22.3	19.2	16.1	13.0	10.0	6.9	6.2	5.5
132.5°	28.6	25.8	22.9	20.1	17.2	14.4	11.5	8.7	5.8	5.3	4.7
135°	25.8	23.2	20.6	18.0	15.4	12.8	10.2	7.6	5.0	4.6	4.1
137.5°	23.1	20.8	18.4	16.1	13.8	11.4	9.1	6.8	4.4	4.0	3.6
140°	20.6	18.5	16.4	14.3	12.2	10.1	8.0	5.9	3.8	3.5	3.1
142.5°	18.5	16.6	14.7	12.8	10.8	8.9	7.0	5.1	3.1	2.9	2.6
145°	16.5	14.8	13.1	11.4	9.7	8.0	6.3	4.6	2.9	2.6	2.4
147.5°	14.6	13.1	11.6	10.1	8.7	7.2	5.7	4.2	2.7	2.5	2.3
150°	12.8	11.5	10.3	9.1	7.8	6.6	5.3	4.1	2.8	2.6	2.4
152.5°	10.9	9.8	8.7	7.6	6.5	5.4	4.3	3.2	2.1	1.9	1.8
155°	9.2	8.2	7.3	6.4	5.5	4.6	3.7	2.7	1.8	1.7	1.6
157.5°	7.4	6.7	6.0	5.2	4.5	3.8	3.0	2.3	1.6	1.5	1.4
160°	5.7	5.1	4.6	4.0	3.4	2.9	2.3	1.7	1.2	1.1	1.1
162.5°	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.4	0.9	0.9	0.9
165°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.8	0.8
167.5°	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.5	0.6
170°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
172.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	129.4	129.4	129.4	129.5	129.5	129.5	129.6	129.6	129.6	129.6	129.7
5°	128.8	128.9	129.0	129.1	129.1	129.2	129.3	129.3	129.4	129.4	129.4
7.5°	130.4	130.5	130.6	130.7	130.8	130.9	131.0	131.0	131.1	131.1	131.2
10°	134.1	134.2	134.3	134.4	134.5	134.6	134.7	134.7	134.8	134.9	135.0
12.5°	138.2	138.3	138.4	138.5	138.6	138.6	138.7	138.8	139.0	139.1	139.2
15°	142.1	142.2	142.2	142.3	142.3	142.4	142.5	142.6	142.7	142.9	143.0
17.5°	145.8	145.8	145.9	145.9	146.0	146.0	146.1	146.2	146.4	146.6	146.7
20°	149.2	149.2	149.2	149.2	149.3	149.3	149.3	149.5	149.7	149.9	150.1
22.5°	152.0	151.9	151.8	151.8	151.7	151.7	151.6	151.9	152.2	152.5	152.7
25°	153.6	153.3	153.0	152.7	152.4	152.0	151.7	152.2	152.6	153.1	153.5
27.5°	152.9	152.4	151.9	151.4	150.9	150.4	149.8	150.5	151.1	151.7	152.3
30°	150.7	150.0	149.3	148.5	147.8	147.1	146.4	147.2	148.0	148.8	149.5
32.5°	147.2	146.4	145.5	144.6	143.7	142.9	142.0	142.9	143.8	144.8	145.7
35°	143.0	142.0	140.9	139.9	138.9	137.9	136.9	137.9	139.0	140.0	141.0
37.5°	138.3	137.2	136.0	134.8	133.7	132.5	131.3	132.5	133.6	134.8	135.9
40°	133.3	131.9	130.6	129.2	127.9	126.5	125.2	126.5	127.8	129.1	130.4
42.5°	128.2	126.7	125.1	123.6	122.0	120.5	119.0	120.4	121.9	123.4	124.9
45°	123.0	121.2	119.5	117.7	115.9	114.2	112.4	114.1	115.8	117.5	119.2
47.5°	117.8	115.8	113.9	111.9	109.9	108.0	106.0	107.9	109.9	111.8	113.7
50°	113.0	110.8	108.7	106.5	104.4	102.2	100.1	102.2	104.3	106.4	108.5
52.5°	108.4	106.1	103.8	101.5	99.3	97.0	94.7	96.9	99.1	101.3	103.6
55°	103.8	101.4	99.1	96.7	94.3	91.9	89.6	91.9	94.2	96.5	98.8
57.5°	99.2	96.8	94.3	91.9	89.4	87.0	84.5	86.9	89.3	91.6	94.0
60°	94.6	92.0	89.5	86.9	84.4	81.8	79.3	81.7	84.2	86.7	89.1
62.5°	89.9	87.2	84.6	82.0	79.4	76.7	74.1	76.6	79.1	81.7	84.2
65°	85.1	82.4	79.7	77.0	74.3	71.6	68.9	71.5	74.1	76.7	79.3
67.5°	80.6	77.8	75.1	72.3	69.6	66.8	64.1	66.7	69.3	71.9	74.5
70°	75.9	73.1	70.3	67.5	64.7	61.8	59.0	61.7	64.3	67.0	69.6
72.5°	71.2	68.3	65.5	62.7	59.8	57.0	54.2	56.8	59.4	62.1	64.7
75°	66.3	63.4	60.6	57.7	54.8	52.0	49.1	51.8	54.4	57.1	59.7
77.5°	61.2	58.3	55.4	52.6	49.7	46.8	44.0	46.6	49.2	51.9	54.5
80°	56.2	53.4	50.5	47.7	44.8	42.0	39.1	41.7	44.3	46.9	49.5
82.5°	51.4	48.6	45.8	42.9	40.1	37.3	34.4	37.0	39.6	42.2	44.7
85°	46.9	44.1	41.4	38.6	35.8	33.0	30.3	32.8	35.3	37.8	40.3
87.5°	42.6	39.9	37.2	34.4	31.7	29.0	26.3	28.8	31.2	33.7	36.1
90°	38.4	35.8	33.1	30.5	27.9	25.3	22.7	25.1	27.5	29.8	32.2
92.5°	34.7	32.2	29.7	27.2	24.7	22.2	19.7	21.9	24.2	26.4	28.7
95°	31.2	28.8	26.5	24.1	21.7	19.3	16.9	19.1	21.2	23.3	25.4
97.5°	28.0	25.7	23.4	21.2	18.9	16.7	14.4	16.4	18.4	20.5	22.5
100°	24.9	22.8	20.6	18.5	16.4	14.3	12.2	14.1	16.0	17.9	19.8
102.5°	22.1	20.1	18.1	16.1	14.1	12.1	10.1	11.9	13.7	15.4	17.2
105°	19.6	17.7	15.9	14.0	12.1	10.2	8.4	10.0	11.7	13.3	15.0
107.5°	17.1	15.4	13.7	11.9	10.2	8.4	6.7	8.3	9.8	11.4	13.0
110°	15.0	13.4	11.7	10.1	8.4	6.8	5.1	6.6	8.0	9.5	10.9

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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	12.8	11.3	9.7	8.2	6.7	5.2	3.7	5.0	6.3	7.6	9.0
115°	10.6	9.3	7.9	6.5	5.2	3.8	2.4	3.6	4.8	6.0	7.2
117.5°	9.0	7.8	6.5	5.3	4.1	2.8	1.6	2.7	3.8	4.9	5.9
120°	7.9	6.8	5.7	4.6	3.4	2.3	1.2	2.2	3.2	4.2	5.2
122.5°	7.0	6.1	5.1	4.1	3.1	2.1	1.1	2.0	2.9	3.8	4.6
125°	6.3	5.4	4.6	3.7	2.8	1.9	1.1	1.8	2.6	3.4	4.1
127.5°	5.6	4.8	4.1	3.3	2.5	1.8	1.0	1.6	2.3	3.0	3.6
130°	4.9	4.2	3.6	2.9	2.2	1.6	0.9	1.5	2.1	2.6	3.2
132.5°	4.2	3.7	3.1	2.6	2.1	1.5	1.0	1.5	1.9	2.4	2.9
135°	3.6	3.2	2.7	2.2	1.8	1.3	0.9	1.2	1.6	2.0	2.4
137.5°	3.2	2.8	2.4	2.0	1.6	1.3	0.9	1.1	1.4	1.7	2.0
140°	2.8	2.5	2.2	1.8	1.5	1.2	0.9	1.1	1.3	1.5	1.7
142.5°	2.4	2.1	1.8	1.6	1.3	1.0	0.8	0.9	1.1	1.2	1.4
145°	2.2	1.9	1.7	1.5	1.3	1.0	0.8	0.9	1.0	1.1	1.2
147.5°	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.8	0.9	1.0	1.0
150°	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.8
152.5°	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.8	0.8	0.8	0.8
155°	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8
157.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7
160°	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.7
162.5°	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
165°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
167.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
172.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	129.7	129.7	129.7	129.7	129.8	129.8	129.9	129.9	130.0	130.1	130.1
5°	129.5	129.5	129.5	129.5	129.6	129.7	129.7	129.8	129.9	129.9	130.0
7.5°	131.3	131.3	131.4	131.4	131.5	131.6	131.8	131.9	132.1	132.2	132.4
10°	135.1	135.2	135.3	135.4	135.5	135.6	135.8	135.9	136.1	136.3	136.4
12.5°	139.3	139.4	139.5	139.6	139.7	139.9	140.1	140.3	140.5	140.7	140.9
15°	143.2	143.3	143.4	143.6	143.7	144.0	144.2	144.5	144.8	145.0	145.3
17.5°	146.9	147.1	147.2	147.4	147.6	147.9	148.2	148.5	148.9	149.2	149.5
20°	150.3	150.4	150.6	150.8	151.0	151.4	151.8	152.2	152.6	153.0	153.4
22.5°	153.0	153.3	153.6	153.9	154.2	154.6	155.1	155.5	156.0	156.4	156.9
25°	154.0	154.5	154.9	155.4	155.8	156.5	157.1	157.8	158.4	159.1	159.7
27.5°	152.9	153.5	154.1	154.7	155.4	156.4	157.4	158.5	159.5	160.6	161.6
30°	150.3	151.1	151.9	152.7	153.5	155.0	156.6	158.1	159.6	161.1	162.7
32.5°	146.6	147.5	148.4	149.4	150.3	152.3	154.2	156.2	158.1	160.1	162.1
35°	142.1	143.1	144.1	145.2	146.2	148.6	151.0	153.3	155.7	158.1	160.4
37.5°	137.1	138.2	139.4	140.5	141.7	144.4	147.2	149.9	152.7	155.4	158.2
40°	131.7	133.1	134.4	135.7	137.0	140.1	143.2	146.4	149.5	152.6	155.7
42.5°	126.4	127.9	129.4	130.9	132.3	135.8	139.3	142.7	146.2	149.7	153.1
45°	120.9	122.6	124.3	126.0	127.7	131.5	135.3	139.1	142.8	146.6	150.4
47.5°	115.6	117.5	119.4	121.3	123.3	127.3	131.4	135.4	139.5	143.6	147.6
50°	110.6	112.7	114.8	116.9	119.0	123.3	127.7	132.0	136.3	140.7	145.0
52.5°	105.8	108.0	110.2	112.5	114.7	119.3	123.9	128.5	133.1	137.7	142.3
55°	101.1	103.4	105.7	108.0	110.3	115.2	120.0	124.9	129.7	134.6	139.4
57.5°	96.4	98.8	101.1	103.5	105.9	111.0	116.0	121.1	126.2	131.2	136.3
60°	91.6	94.0	96.5	99.0	101.4	106.7	111.9	117.2	122.4	127.7	132.9
62.5°	86.7	89.2	91.7	94.3	96.8	102.2	107.6	113.1	118.5	123.9	129.4
65°	81.8	84.4	87.0	89.6	92.2	97.7	103.3	108.9	114.5	120.0	125.6
67.5°	77.1	79.8	82.4	85.0	87.6	93.3	99.0	104.7	110.4	116.1	121.8
70°	72.2	74.9	77.5	80.2	82.8	88.6	94.5	100.3	106.1	111.9	117.7
72.5°	67.3	70.0	72.6	75.2	77.9	83.8	89.7	95.6	101.5	107.5	113.4
75°	62.4	65.0	67.6	70.3	72.9	78.9	84.9	90.9	96.9	103.0	109.0
77.5°	57.1	59.8	62.4	65.1	67.7	73.8	79.9	86.0	92.1	98.2	104.3
80°	52.1	54.7	57.3	59.9	62.4	68.6	74.8	81.0	87.1	93.3	99.5
82.5°	47.3	49.9	52.5	55.0	57.6	63.8	70.0	76.1	82.3	88.5	94.7
85°	42.9	45.4	47.9	50.4	52.9	59.1	65.3	71.4	77.6	83.7	89.9
87.5°	38.5	41.0	43.4	45.9	48.3	54.4	60.5	66.6	72.7	78.8	84.9
90°	34.6	36.9	39.3	41.7	44.0	50.0	56.0	62.0	68.0	74.0	80.1
92.5°	30.9	33.2	35.4	37.7	39.9	45.8	51.7	57.6	63.5	69.4	75.3
95°	27.6	29.7	31.8	33.9	36.1	41.9	47.7	53.5	59.3	65.1	70.9
97.5°	24.5	26.5	28.5	30.6	32.6	38.2	43.9	49.6	55.2	60.9	66.5
100°	21.7	23.6	25.5	27.4	29.2	34.8	40.3	45.8	51.4	56.9	62.4
102.5°	19.0	20.8	22.6	24.4	26.2	31.6	37.0	42.4	47.8	53.1	58.5
105°	16.7	18.3	20.0	21.7	23.3	28.6	33.8	39.0	44.3	49.5	54.7
107.5°	14.6	16.1	17.7	19.3	20.9	25.9	30.9	36.0	41.0	46.0	51.1
110°	12.4	13.8	15.3	16.7	18.2	23.0	27.9	32.7	37.6	42.4	47.3

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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	10.3	11.6	12.9	14.2	15.5	20.2	24.9	29.6	34.2	38.9	43.6
115°	8.4	9.6	10.8	12.0	13.2	17.7	22.2	26.8	31.3	35.8	40.3
117.5°	7.0	8.1	9.2	10.3	11.4	15.7	20.1	24.4	28.7	33.1	37.4
120°	6.2	7.2	8.2	9.2	10.2	14.3	18.3	22.4	26.4	30.4	34.5
122.5°	5.5	6.4	7.3	8.2	9.0	12.8	16.6	20.4	24.2	28.0	31.7
125°	4.9	5.7	6.4	7.2	8.0	11.5	15.0	18.5	22.0	25.6	29.1
127.5°	4.3	5.0	5.6	6.3	6.9	10.2	13.4	16.7	19.9	23.2	26.4
130°	3.8	4.3	4.9	5.5	6.0	9.0	12.0	15.0	18.0	20.9	23.9
132.5°	3.3	3.8	4.3	4.8	5.2	7.9	10.6	13.3	16.0	18.7	21.4
135°	2.7	3.1	3.5	3.9	4.3	6.7	9.2	11.6	14.1	16.5	19.0
137.5°	2.3	2.6	2.9	3.2	3.5	5.7	7.9	10.1	12.3	14.5	16.7
140°	1.9	2.2	2.4	2.6	2.8	4.8	6.7	8.7	10.7	12.6	14.6
142.5°	1.6	1.7	1.9	2.0	2.2	3.9	5.6	7.3	9.0	10.8	12.5
145°	1.3	1.4	1.5	1.5	1.6	3.1	4.6	6.0	7.5	9.0	10.5
147.5°	1.1	1.1	1.2	1.3	1.3	2.5	3.7	5.0	6.2	7.4	8.6
150°	0.9	0.9	0.9	0.9	0.9	1.9	2.9	3.9	4.9	5.9	6.9
152.5°	0.8	0.8	0.8	0.8	0.9	1.6	2.4	3.1	3.9	4.6	5.4
155°	0.8	0.7	0.7	0.7	0.7	1.3	1.8	2.4	2.9	3.5	4.0
157.5°	0.7	0.7	0.7	0.7	0.7	1.1	1.4	1.8	2.2	2.5	2.9
160°	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.4	1.6	1.8	2.0
162.5°	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3
165°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9
167.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
172.5°	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	130.2	130.2	130.3	130.4	130.4	130.5	130.6	130.7	130.7	130.8	130.9
5°	130.1	130.2	130.2	130.4	130.5	130.7	130.8	131.0	131.1	131.3	131.4
7.5°	132.5	132.7	132.8	133.0	133.3	133.5	133.7	133.9	134.1	134.3	134.5
10°	136.6	136.8	136.9	137.2	137.4	137.6	137.9	138.1	138.3	138.6	138.8
12.5°	141.1	141.3	141.6	141.8	142.0	142.3	142.5	142.8	143.0	143.3	143.5
15°	145.6	145.8	146.1	146.4	146.6	146.9	147.2	147.5	147.7	148.0	148.3
17.5°	149.8	150.1	150.5	150.8	151.1	151.5	151.8	152.1	152.5	152.8	153.1
20°	153.8	154.2	154.6	155.0	155.3	155.7	156.1	156.5	156.8	157.2	157.6
22.5°	157.3	157.7	158.2	158.7	159.1	159.6	160.1	160.6	161.1	161.5	162.0
25°	160.4	161.0	161.7	162.2	162.8	163.3	163.9	164.4	165.0	165.6	166.1
27.5°	162.7	163.7	164.8	165.4	166.1	166.7	167.3	168.0	168.6	169.3	169.9
30°	164.2	165.7	167.3	168.0	168.8	169.5	170.3	171.1	171.8	172.6	173.4
32.5°	164.0	166.0	168.0	169.0	170.0	171.1	172.1	173.2	174.2	175.3	176.3
35°	162.8	165.2	167.6	168.9	170.3	171.7	173.1	174.5	175.9	177.3	178.7
37.5°	160.9	163.7	166.5	168.2	170.0	171.8	173.6	175.3	177.1	178.9	180.7
40°	158.8	162.0	165.1	167.2	169.4	171.6	173.8	175.9	178.1	180.3	182.4
42.5°	156.6	160.0	163.5	166.0	168.5	171.0	173.6	176.1	178.6	181.1	183.6
45°	154.2	158.0	161.7	164.6	167.4	170.3	173.1	176.0	178.9	181.7	184.6
47.5°	151.7	155.8	159.8	163.0	166.2	169.3	172.5	175.7	178.8	182.0	185.2
50°	149.3	153.7	158.0	161.4	164.9	168.3	171.7	175.1	178.5	182.0	185.4
52.5°	146.9	151.5	156.1	159.7	163.4	167.1	170.7	174.4	178.0	181.7	185.3
55°	144.2	149.1	153.9	157.8	161.6	165.5	169.4	173.2	177.1	180.9	184.8
57.5°	141.4	146.4	151.5	155.6	159.6	163.7	167.8	171.8	175.9	179.9	184.0
60°	138.2	143.4	148.7	153.0	157.2	161.5	165.8	170.1	174.3	178.6	182.9
62.5°	134.8	140.2	145.7	150.1	154.6	159.0	163.5	168.0	172.4	176.9	181.3
65°	131.2	136.8	142.4	147.0	151.6	156.3	160.9	165.5	170.2	174.8	179.5
67.5°	127.5	133.2	138.9	143.7	148.4	153.2	158.0	162.7	167.5	172.2	177.0
70°	123.5	129.3	135.1	140.0	144.9	149.8	154.6	159.5	164.4	169.2	174.1
72.5°	119.3	125.2	131.2	136.1	141.1	146.1	151.1	156.0	161.0	166.0	170.9
75°	115.0	121.0	127.0	132.0	137.1	142.1	147.2	152.2	157.2	162.3	167.3
77.5°	110.3	116.4	122.5	127.7	132.8	137.9	143.0	148.1	153.3	158.4	163.5
80°	105.6	111.8	118.0	123.2	128.3	133.5	138.7	143.9	149.1	154.2	159.4
82.5°	100.8	107.0	113.2	118.4	123.7	128.9	134.2	139.4	144.6	149.9	155.1
85°	96.0	102.2	108.3	113.6	118.9	124.2	129.5	134.8	140.0	145.3	150.6
87.5°	91.0	97.1	103.2	108.5	113.8	119.1	124.4	129.7	135.0	140.3	145.6
90°	86.1	92.1	98.1	103.3	108.6	113.9	119.1	124.4	129.7	135.0	140.2
92.5°	81.2	87.1	92.9	98.2	103.4	108.6	113.8	119.1	124.3	129.5	134.7
95°	76.7	82.5	88.3	93.4	98.6	103.7	108.8	114.0	119.1	124.2	129.3
97.5°	72.2	77.9	83.5	88.6	93.6	98.7	103.8	108.8	113.9	118.9	124.0
100°	68.0	73.5	79.0	84.0	88.9	93.9	98.8	103.8	108.8	113.7	118.7
102.5°	63.9	69.3	74.7	79.5	84.4	89.2	94.1	98.9	103.8	108.6	113.5
105°	60.0	65.2	70.4	75.2	79.9	84.7	89.4	94.1	98.9	103.6	108.4
107.5°	56.1	61.1	66.2	70.8	75.4	80.0	84.6	89.2	93.8	98.4	103.0
110°	52.1	57.0	61.8	66.3	70.8	75.3	79.8	84.3	88.8	93.3	97.8

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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	48.2	52.9	57.6	61.9	66.3	70.6	74.9	79.3	83.6	87.9	92.3
115°	44.9	49.4	53.9	58.1	62.2	66.3	70.5	74.6	78.7	82.9	87.0
117.5°	41.7	46.1	50.4	54.3	58.2	62.1	66.0	69.9	73.8	77.7	81.7
120°	38.5	42.6	46.6	50.3	54.0	57.7	61.5	65.2	68.9	72.6	76.3
122.5°	35.5	39.3	43.1	46.6	50.1	53.6	57.1	60.6	64.1	67.6	71.1
125°	32.6	36.1	39.6	42.9	46.2	49.5	52.8	56.0	59.3	62.6	65.9
127.5°	29.7	32.9	36.1	39.2	42.3	45.4	48.4	51.5	54.6	57.6	60.7
130°	26.9	29.9	32.9	35.7	38.6	41.4	44.3	47.1	50.0	52.8	55.7
132.5°	24.1	26.8	29.5	32.2	34.9	37.5	40.2	42.9	45.5	48.2	50.9
135°	21.5	23.9	26.4	28.8	31.3	33.7	36.2	38.6	41.1	43.5	46.0
137.5°	18.9	21.1	23.3	25.5	27.8	30.0	32.2	34.4	36.7	38.9	41.1
140°	16.6	18.5	20.5	22.5	24.6	26.6	28.6	30.6	32.7	34.7	36.7
142.5°	14.2	15.9	17.6	19.4	21.2	23.0	24.8	26.6	28.4	30.2	32.0
145°	11.9	13.4	14.9	16.5	18.1	19.7	21.3	22.9	24.6	26.2	27.8
147.5°	9.8	11.0	12.3	13.7	15.1	16.5	17.9	19.3	20.7	22.1	23.5
150°	7.9	8.9	9.9	11.1	12.4	13.6	14.8	16.1	17.3	18.6	19.8
152.5°	6.2	6.9	7.7	8.7	9.8	10.8	11.9	12.9	14.0	15.1	16.1
155°	4.6	5.2	5.7	6.6	7.5	8.4	9.2	10.1	11.0	11.9	12.8
157.5°	3.3	3.6	4.0	4.7	5.4	6.1	6.8	7.6	8.3	9.0	9.7
160°	2.2	2.4	2.6	3.2	3.7	4.2	4.8	5.3	5.9	6.4	6.9
162.5°	1.4	1.5	1.6	2.0	2.4	2.8	3.1	3.5	3.9	4.3	4.7
165°	0.9	0.9	1.0	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.8
167.5°	0.7	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6
170°	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
172.5°	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	131.0	131.1	131.2	131.3	131.4	131.5	131.6	131.7	131.8	131.9	131.9
5°	131.6	131.8	132.0	132.3	132.5	132.7	132.9	133.1	133.3	133.6	133.7
7.5°	134.7	135.0	135.3	135.6	135.9	136.1	136.4	136.7	137.0	137.3	137.5
10°	139.1	139.4	139.7	140.1	140.4	140.8	141.1	141.4	141.8	142.1	142.4
12.5°	143.8	144.2	144.6	144.9	145.3	145.7	146.1	146.5	146.9	147.3	147.6
15°	148.5	149.0	149.4	149.9	150.3	150.8	151.2	151.7	152.1	152.6	152.9
17.5°	153.5	153.9	154.4	154.8	155.2	155.7	156.1	156.6	157.0	157.4	157.9
20°	157.9	158.5	159.0	159.5	160.0	160.6	161.1	161.6	162.1	162.7	163.1
22.5°	162.5	163.0	163.6	164.2	164.7	165.3	165.8	166.4	166.9	167.5	168.0
25°	166.7	167.3	167.9	168.5	169.1	169.7	170.3	170.9	171.5	172.1	172.7
27.5°	170.5	171.2	171.8	172.4	173.1	173.7	174.3	175.0	175.6	176.3	176.9
30°	174.1	174.8	175.5	176.1	176.8	177.5	178.2	178.8	179.5	180.2	180.9
32.5°	177.4	178.1	178.8	179.5	180.2	180.9	181.6	182.3	183.0	183.7	184.5
35°	180.0	180.8	181.6	182.3	183.1	183.8	184.6	185.3	186.1	186.8	187.7
37.5°	182.5	183.2	184.0	184.8	185.6	186.4	187.1	187.9	188.7	189.5	190.5
40°	184.6	185.4	186.2	187.0	187.8	188.6	189.4	190.2	191.0	191.8	192.9
42.5°	186.1	187.0	187.8	188.6	189.5	190.3	191.2	192.0	192.8	193.7	194.8
45°	187.4	188.3	189.1	190.0	190.8	191.7	192.5	193.4	194.3	195.1	196.4
47.5°	188.3	189.2	190.0	190.9	191.8	192.6	193.5	194.3	195.2	196.0	197.4
50°	188.8	189.6	190.5	191.3	192.2	193.0	193.8	194.7	195.5	196.4	197.8
52.5°	189.0	189.8	190.6	191.5	192.3	193.1	193.9	194.8	195.6	196.4	197.9
55°	188.7	189.5	190.3	191.1	191.9	192.7	193.5	194.3	195.1	196.0	197.5
57.5°	188.1	188.8	189.6	190.4	191.1	191.9	192.7	193.4	194.2	195.0	196.6
60°	187.2	187.9	188.6	189.3	190.0	190.7	191.4	192.1	192.8	193.5	195.1
62.5°	185.8	186.4	187.1	187.7	188.3	189.0	189.6	190.2	190.9	191.5	193.2
65°	184.1	184.7	185.2	185.8	186.3	186.9	187.5	188.0	188.6	189.1	190.9
67.5°	181.7	182.2	182.8	183.3	183.8	184.3	184.8	185.3	185.9	186.4	188.2
70°	179.0	179.4	179.9	180.4	180.8	181.3	181.7	182.2	182.6	183.1	184.9
72.5°	175.9	176.3	176.7	177.1	177.5	177.9	178.3	178.7	179.1	179.5	181.3
75°	172.4	172.7	173.1	173.4	173.7	174.1	174.4	174.8	175.1	175.5	177.3
77.5°	168.6	168.9	169.2	169.5	169.8	170.1	170.3	170.6	170.9	171.2	173.1
80°	164.6	164.8	165.0	165.3	165.5	165.7	165.9	166.2	166.4	166.6	168.6
82.5°	160.4	160.5	160.7	160.9	161.1	161.3	161.4	161.6	161.8	162.0	163.9
85°	155.9	156.1	156.2	156.4	156.6	156.7	156.9	157.1	157.2	157.4	159.4
87.5°	151.0	151.2	151.4	151.6	151.8	152.0	152.3	152.5	152.7	152.9	154.8
90°	145.5	145.8	146.1	146.4	146.7	147.0	147.3	147.5	147.8	148.1	150.1
92.5°	140.0	140.4	140.8	141.2	141.6	141.9	142.3	142.7	143.1	143.5	145.4
95°	134.5	135.0	135.4	135.9	136.4	136.9	137.4	137.9	138.3	138.8	140.7
97.5°	129.1	129.6	130.2	130.8	131.4	132.0	132.6	133.1	133.7	134.3	136.2
100°	123.6	124.3	125.0	125.6	126.3	127.0	127.6	128.3	129.0	129.6	131.4
102.5°	118.3	119.1	119.8	120.6	121.3	122.1	122.8	123.5	124.3	125.0	126.8
105°	113.1	113.9	114.8	115.6	116.4	117.3	118.1	118.9	119.7	120.6	122.2
107.5°	107.6	108.5	109.4	110.3	111.3	112.2	113.1	114.0	114.9	115.8	117.4
110°	102.2	103.2	104.2	105.2	106.1	107.1	108.1	109.1	110.1	111.0	112.5

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	96.6	97.7	98.7	99.8	100.8	101.9	102.9	104.0	105.0	106.1	107.5
115°	91.1	92.2	93.3	94.4	95.5	96.6	97.7	98.8	99.8	100.9	102.3
117.5°	85.6	86.7	87.8	89.0	90.1	91.2	92.4	93.5	94.6	95.8	97.1
120°	80.0	81.2	82.3	83.5	84.6	85.8	86.9	88.1	89.2	90.3	91.6
122.5°	74.6	75.7	76.9	78.1	79.3	80.5	81.6	82.8	84.0	85.2	86.3
125°	69.2	70.4	71.6	72.8	73.9	75.1	76.3	77.5	78.7	79.9	80.9
127.5°	63.8	65.0	66.2	67.3	68.5	69.7	70.9	72.1	73.3	74.5	75.5
130°	58.6	59.7	60.9	62.1	63.3	64.4	65.6	66.8	68.0	69.2	70.1
132.5°	53.5	54.7	55.8	57.0	58.1	59.3	60.4	61.6	62.7	63.9	64.8
135°	48.4	49.5	50.7	51.8	52.9	54.1	55.2	56.3	57.5	58.6	59.4
137.5°	43.3	44.5	45.6	46.8	47.9	49.1	50.3	51.4	52.6	53.7	54.4
140°	38.7	39.8	40.9	42.0	43.0	44.1	45.2	46.3	47.3	48.4	49.1
142.5°	33.8	34.9	35.9	37.0	38.0	39.1	40.1	41.2	42.2	43.3	43.9
145°	29.4	30.4	31.4	32.4	33.3	34.3	35.3	36.3	37.3	38.3	38.9
147.5°	24.9	25.9	26.8	27.8	28.7	29.7	30.6	31.6	32.5	33.4	34.0
150°	21.0	21.9	22.7	23.6	24.4	25.2	26.1	26.9	27.8	28.6	29.1
152.5°	17.2	17.9	18.7	19.4	20.2	21.0	21.7	22.5	23.3	24.0	24.5
155°	13.7	14.3	15.0	15.7	16.4	17.1	17.8	18.5	19.2	19.8	20.2
157.5°	10.4	11.0	11.6	12.2	12.8	13.4	14.0	14.6	15.2	15.8	16.1
160°	7.5	8.0	8.5	9.0	9.4	9.9	10.4	10.9	11.4	11.9	12.2
162.5°	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.4	8.7
165°	3.1	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.2	5.5	5.7
167.5°	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3
170°	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
172.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	132.0	132.1	132.2	132.3	132.4	132.5	132.6	132.6	132.7	132.8	132.9
5°	133.9	134.1	134.3	134.5	134.7	134.8	135.0	135.2	135.4	135.5	135.7
7.5°	137.8	138.0	138.2	138.5	138.7	138.9	139.2	139.4	139.6	139.8	140.0
10°	142.7	143.0	143.2	143.5	143.8	144.0	144.3	144.6	144.8	145.0	145.2
12.5°	147.9	148.2	148.5	148.8	149.2	149.5	149.8	150.1	150.3	150.6	150.8
15°	153.3	153.6	154.0	154.3	154.7	155.0	155.4	155.7	155.9	156.2	156.4
17.5°	158.3	158.7	159.1	159.6	160.0	160.4	160.8	161.3	161.5	161.8	162.1
20°	163.6	164.1	164.5	165.0	165.5	165.9	166.4	166.9	167.2	167.5	167.9
22.5°	168.6	169.1	169.6	170.2	170.7	171.2	171.8	172.3	172.7	173.0	173.4
25°	173.3	173.9	174.5	175.1	175.7	176.3	176.9	177.5	177.9	178.3	178.7
27.5°	177.6	178.3	178.9	179.6	180.3	180.9	181.6	182.3	182.7	183.1	183.6
30°	181.7	182.4	183.1	183.9	184.6	185.4	186.1	186.8	187.3	187.8	188.2
32.5°	185.3	186.1	187.0	187.8	188.6	189.4	190.3	191.1	191.6	192.1	192.6
35°	188.7	189.6	190.5	191.4	192.3	193.2	194.1	195.0	195.5	196.0	196.6
37.5°	191.5	192.5	193.5	194.5	195.5	196.5	197.5	198.5	199.0	199.5	200.1
40°	194.0	195.1	196.2	197.3	198.3	199.4	200.5	201.6	202.1	202.7	203.2
42.5°	196.0	197.2	198.4	199.5	200.7	201.9	203.0	204.2	204.8	205.4	205.9
45°	197.6	198.9	200.1	201.4	202.6	203.9	205.1	206.4	206.9	207.5	208.1
47.5°	198.7	200.0	201.4	202.7	204.0	205.3	206.7	208.0	208.6	209.2	209.8
50°	199.2	200.6	202.0	203.4	204.9	206.3	207.7	209.1	209.7	210.4	211.0
52.5°	199.4	200.9	202.4	203.8	205.3	206.8	208.3	209.8	210.4	211.0	211.7
55°	199.0	200.6	202.1	203.6	205.2	206.7	208.2	209.8	210.4	211.1	211.8
57.5°	198.2	199.8	201.4	203.0	204.6	206.2	207.8	209.4	210.0	210.7	211.4
60°	196.8	198.5	200.1	201.8	203.5	205.1	206.8	208.5	209.1	209.8	210.5
62.5°	194.9	196.7	198.4	200.1	201.8	203.5	205.2	207.0	207.7	208.5	209.2
65°	192.7	194.4	196.2	198.0	199.8	201.5	203.3	205.1	205.8	206.6	207.4
67.5°	190.0	191.8	193.6	195.4	197.2	199.0	200.8	202.6	203.4	204.2	205.1
70°	186.8	188.6	190.4	192.3	194.1	196.0	197.8	199.6	200.5	201.4	202.2
72.5°	183.2	185.0	186.9	188.7	190.6	192.5	194.3	196.2	197.1	198.0	198.9
75°	179.2	181.1	183.0	184.9	186.8	188.7	190.6	192.5	193.4	194.3	195.2
77.5°	175.1	177.0	178.9	180.8	182.8	184.7	186.6	188.5	189.5	190.4	191.4
80°	170.5	172.5	174.5	176.4	178.4	180.4	182.3	184.3	185.3	186.2	187.2
82.5°	165.9	167.9	169.8	171.8	173.8	175.7	177.7	179.7	180.7	181.7	182.7
85°	161.4	163.3	165.3	167.3	169.3	171.3	173.2	175.2	176.2	177.3	178.3
87.5°	156.8	158.7	160.7	162.6	164.6	166.5	168.4	170.4	171.4	172.5	173.5
90°	152.0	153.9	155.9	157.8	159.7	161.7	163.6	165.6	166.6	167.7	168.7
92.5°	147.3	149.2	151.1	153.0	154.9	156.8	158.7	160.6	161.7	162.7	163.8
95°	142.6	144.5	146.4	148.3	150.2	152.1	154.0	155.9	157.0	158.1	159.1
97.5°	138.0	139.9	141.8	143.6	145.5	147.3	149.2	151.0	152.1	153.1	154.2
100°	133.2	135.0	136.8	138.7	140.5	142.3	144.1	145.9	147.0	148.1	149.1
102.5°	128.5	130.3	132.0	133.7	135.5	137.2	139.0	140.7	141.8	142.9	144.0
105°	123.9	125.5	127.2	128.9	130.5	132.2	133.8	135.5	136.5	137.6	138.6
107.5°	119.0	120.6	122.2	123.8	125.4	126.9	128.5	130.1	131.1	132.2	133.2
110°	114.1	115.6	117.1	118.6	120.1	121.7	123.2	124.7	125.7	126.7	127.7

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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	109.0	110.5	111.9	113.4	114.9	116.3	117.8	119.3	120.2	121.2	122.1
115°	103.7	105.2	106.6	108.0	109.4	110.8	112.2	113.6	114.5	115.4	116.3
117.5°	98.4	99.7	101.1	102.4	103.7	105.0	106.4	107.7	108.6	109.5	110.4
120°	92.9	94.1	95.4	96.7	97.9	99.2	100.4	101.7	102.6	103.4	104.3
122.5°	87.5	88.6	89.8	90.9	92.1	93.2	94.4	95.5	96.4	97.2	98.0
125°	82.0	83.1	84.1	85.2	86.3	87.3	88.4	89.5	90.2	91.0	91.8
127.5°	76.5	77.5	78.5	79.5	80.5	81.6	82.6	83.6	84.3	85.0	85.7
130°	71.0	72.0	72.9	73.9	74.8	75.7	76.7	77.6	78.3	79.0	79.6
132.5°	65.6	66.5	67.4	68.3	69.2	70.0	70.9	71.8	72.4	73.0	73.7
135°	60.3	61.1	61.9	62.7	63.5	64.3	65.2	66.0	66.6	67.1	67.7
137.5°	55.2	55.9	56.6	57.3	58.0	58.7	59.5	60.2	60.7	61.2	61.7
140°	49.8	50.6	51.3	52.0	52.7	53.4	54.1	54.8	55.3	55.7	56.2
142.5°	44.6	45.3	46.0	46.6	47.3	48.0	48.7	49.3	49.7	50.1	50.6
145°	39.5	40.2	40.8	41.4	42.1	42.7	43.3	44.0	44.3	44.7	45.0
147.5°	34.7	35.3	35.9	36.5	37.1	37.7	38.3	38.9	39.2	39.5	39.8
150°	29.7	30.2	30.8	31.3	31.8	32.4	32.9	33.5	33.8	34.0	34.3
152.5°	25.0	25.5	26.0	26.5	27.0	27.4	27.9	28.4	28.7	28.9	29.2
155°	20.6	21.0	21.4	21.8	22.2	22.6	23.0	23.4	23.6	23.9	24.1
157.5°	16.5	16.8	17.2	17.6	17.9	18.3	18.6	19.0	19.2	19.4	19.6
160°	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.7	14.9	15.1
162.5°	8.9	9.2	9.4	9.7	9.9	10.2	10.4	10.7	10.8	10.9	11.0
165°	5.9	6.1	6.3	6.4	6.6	6.8	7.0	7.2	7.3	7.4	7.4
167.5°	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.2	4.3	4.4
170°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1
172.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	133.0	133.1	133.2	133.3	133.3	133.4	133.5	133.5	133.6	133.7	133.7
5°	135.9	136.0	136.2	136.3	136.5	136.7	136.8	136.9	137.0	137.1	137.2
7.5°	140.2	140.4	140.6	140.8	141.0	141.2	141.3	141.5	141.6	141.8	141.9
10°	145.4	145.5	145.7	145.9	146.1	146.3	146.5	146.6	146.8	147.0	147.1
12.5°	151.0	151.2	151.5	151.7	151.9	152.1	152.3	152.4	152.6	152.8	152.9
15°	156.6	156.9	157.1	157.3	157.6	157.8	158.0	158.2	158.3	158.5	158.7
17.5°	162.4	162.7	163.0	163.2	163.5	163.8	164.0	164.1	164.3	164.5	164.6
20°	168.2	168.5	168.8	169.2	169.5	169.8	169.9	170.0	170.1	170.1	170.2
22.5°	173.8	174.1	174.5	174.9	175.3	175.6	175.6	175.6	175.7	175.7	175.7
25°	179.1	179.5	179.9	180.3	180.7	181.1	181.0	181.0	180.9	180.9	180.8
27.5°	184.0	184.4	184.9	185.3	185.7	186.2	186.0	185.9	185.8	185.7	185.6
30°	188.7	189.1	189.6	190.1	190.5	191.0	190.8	190.6	190.4	190.3	190.1
32.5°	193.1	193.6	194.1	194.6	195.1	195.6	195.3	195.0	194.7	194.4	194.2
35°	197.1	197.6	198.1	198.6	199.2	199.7	199.3	198.9	198.6	198.2	197.8
37.5°	200.6	201.2	201.7	202.3	202.8	203.4	202.9	202.5	202.0	201.6	201.1
40°	203.8	204.3	204.9	205.4	206.0	206.5	206.0	205.5	204.9	204.4	203.9
42.5°	206.5	207.1	207.7	208.2	208.8	209.4	208.7	208.1	207.5	206.8	206.2
45°	208.6	209.2	209.8	210.4	210.9	211.5	210.8	210.1	209.5	208.8	208.1
47.5°	210.4	211.0	211.6	212.2	212.8	213.4	212.6	211.8	211.1	210.3	209.5
50°	211.6	212.2	212.9	213.5	214.1	214.7	213.9	213.1	212.2	211.4	210.6
52.5°	212.3	212.9	213.6	214.2	214.8	215.5	214.6	213.7	212.9	212.0	211.2
55°	212.4	213.1	213.7	214.4	215.1	215.7	214.9	214.0	213.1	212.3	211.4
57.5°	212.0	212.7	213.4	214.1	214.7	215.4	214.5	213.7	212.9	212.0	211.2
60°	211.2	211.9	212.6	213.3	214.0	214.7	213.9	213.1	212.2	211.4	210.5
62.5°	210.0	210.7	211.5	212.2	213.0	213.7	212.9	212.0	211.2	210.3	209.5
65°	208.2	209.0	209.7	210.5	211.3	212.1	211.2	210.4	209.6	208.8	207.9
67.5°	205.9	206.7	207.6	208.4	209.2	210.1	209.2	208.4	207.6	206.8	206.0
70°	203.1	204.0	204.8	205.7	206.6	207.4	206.6	205.8	205.0	204.2	203.4
72.5°	199.8	200.7	201.6	202.6	203.5	204.4	203.6	202.8	202.0	201.2	200.4
75°	196.2	197.1	198.0	199.0	199.9	200.8	200.0	199.3	198.5	197.7	197.0
77.5°	192.4	193.3	194.3	195.2	196.2	197.2	196.4	195.6	194.9	194.1	193.4
80°	188.2	189.1	190.1	191.1	192.0	193.0	192.3	191.6	190.8	190.1	189.4
82.5°	183.7	184.8	185.8	186.8	187.8	188.9	188.1	187.4	186.7	186.0	185.2
85°	179.3	180.3	181.3	182.4	183.4	184.4	183.7	183.0	182.3	181.7	181.0
87.5°	174.5	175.6	176.6	177.7	178.7	179.8	179.1	178.4	177.8	177.1	176.5
90°	169.8	170.8	171.9	172.9	174.0	175.1	174.4	173.8	173.1	172.5	171.9
92.5°	164.9	166.0	167.1	168.1	169.2	170.3	169.7	169.1	168.4	167.8	167.2
95°	160.2	161.2	162.3	163.3	164.4	165.5	164.9	164.3	163.7	163.1	162.6
97.5°	155.2	156.3	157.4	158.4	159.5	160.5	160.0	159.5	159.0	158.4	157.9
100°	150.2	151.3	152.4	153.5	154.6	155.7	155.2	154.7	154.2	153.6	153.1
102.5°	145.0	146.1	147.2	148.3	149.4	150.4	150.0	149.5	149.0	148.5	148.1
105°	139.7	140.7	141.8	142.8	143.9	145.0	144.5	144.1	143.6	143.2	142.8
107.5°	134.2	135.2	136.2	137.2	138.2	139.3	138.9	138.5	138.1	137.7	137.3
110°	128.6	129.6	130.6	131.6	132.6	133.6	133.2	132.8	132.5	132.1	131.7

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 CATALOG NUMBER: FE12S40FDW

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	123.0	124.0	124.9	125.9	126.8	127.8	127.4	127.1	126.8	126.4	126.1
115°	117.2	118.1	119.1	120.0	120.9	121.8	121.5	121.2	120.9	120.7	120.4
117.5°	111.3	112.1	113.0	113.9	114.8	115.7	115.5	115.2	115.0	114.8	114.5
120°	105.1	106.0	106.9	107.7	108.6	109.5	109.3	109.1	108.9	108.7	108.5
122.5°	98.9	99.7	100.5	101.4	102.2	103.0	102.9	102.7	102.6	102.4	102.3
125°	92.6	93.4	94.2	95.0	95.8	96.6	96.4	96.3	96.2	96.1	96.0
127.5°	86.4	87.2	87.9	88.6	89.3	90.0	90.0	89.9	89.8	89.7	89.7
130°	80.3	81.0	81.6	82.3	83.0	83.6	83.6	83.5	83.5	83.4	83.4
132.5°	74.3	74.9	75.5	76.1	76.7	77.4	77.3	77.3	77.3	77.2	77.2
135°	68.2	68.8	69.4	69.9	70.5	71.1	71.0	71.0	71.0	71.0	70.9
137.5°	62.2	62.8	63.3	63.8	64.3	64.8	64.8	64.8	64.8	64.8	64.9
140°	56.6	57.1	57.5	57.9	58.4	58.8	58.8	58.8	58.9	58.9	58.9
142.5°	51.0	51.4	51.8	52.2	52.6	53.0	53.0	53.0	53.1	53.1	53.2
145°	45.4	45.8	46.1	46.5	46.9	47.2	47.2	47.3	47.3	47.4	47.4
147.5°	40.1	40.4	40.7	41.0	41.4	41.7	41.7	41.8	41.8	41.8	41.9
150°	34.6	34.9	35.2	35.5	35.8	36.1	36.2	36.2	36.3	36.4	36.4
152.5°	29.5	29.7	30.0	30.3	30.5	30.8	30.8	30.9	30.9	31.0	31.0
155°	24.3	24.6	24.8	25.1	25.3	25.5	25.6	25.6	25.7	25.7	25.7
157.5°	19.8	20.0	20.2	20.3	20.5	20.7	20.8	20.8	20.8	20.9	20.9
160°	15.2	15.4	15.6	15.8	15.9	16.1	16.1	16.2	16.2	16.2	16.3
162.5°	11.2	11.3	11.4	11.5	11.7	11.8	11.8	11.8	11.9	11.9	11.9
165°	7.5	7.6	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9
167.5°	4.4	4.5	4.5	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
170°	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
172.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8
175°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
177.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
2.5°	133.8	133.8	133.9	134.0	133.9	133.9	133.9	133.9	133.9	133.9	133.8
5°	137.3	137.4	137.5	137.6	137.6	137.5	137.5	137.5	137.4	137.4	137.4
7.5°	142.1	142.2	142.3	142.5	142.4	142.4	142.3	142.3	142.2	142.2	142.1
10°	147.3	147.5	147.7	147.8	147.8	147.7	147.7	147.6	147.6	147.6	147.5
12.5°	153.1	153.2	153.4	153.5	153.5	153.5	153.5	153.4	153.4	153.4	153.4
15°	158.9	159.0	159.2	159.4	159.4	159.3	159.3	159.3	159.3	159.2	159.2
17.5°	164.8	164.9	165.1	165.3	165.2	165.2	165.1	165.1	165.1	165.0	165.0
20°	170.3	170.4	170.5	170.6	170.5	170.5	170.4	170.4	170.4	170.3	170.3
22.5°	175.7	175.7	175.7	175.7	175.6	175.6	175.5	175.4	175.3	175.3	175.2
25°	180.8	180.7	180.7	180.6	180.5	180.4	180.3	180.2	180.1	180.0	179.9
27.5°	185.5	185.4	185.3	185.2	185.0	184.9	184.7	184.6	184.5	184.3	184.2
30°	189.9	189.7	189.5	189.4	189.1	188.9	188.7	188.5	188.2	188.0	187.8
32.5°	193.9	193.6	193.3	193.0	192.8	192.5	192.2	191.9	191.6	191.3	191.0
35°	197.5	197.1	196.7	196.4	196.0	195.6	195.2	194.9	194.5	194.1	193.7
37.5°	200.6	200.2	199.7	199.3	198.8	198.3	197.9	197.4	197.0	196.5	196.0
40°	203.3	202.8	202.3	201.7	201.2	200.7	200.1	199.6	199.1	198.6	198.0
42.5°	205.6	204.9	204.3	203.6	203.1	202.5	201.9	201.3	200.7	200.1	199.5
45°	207.4	206.7	206.0	205.3	204.7	204.0	203.4	202.7	202.1	201.4	200.7
47.5°	208.8	208.0	207.2	206.5	205.8	205.0	204.3	203.6	202.9	202.2	201.5
50°	209.7	208.9	208.1	207.3	206.5	205.7	205.0	204.2	203.5	202.7	201.9
52.5°	210.3	209.4	208.6	207.7	206.9	206.1	205.3	204.5	203.7	202.9	202.1
55°	210.6	209.7	208.8	208.0	207.1	206.3	205.5	204.6	203.8	203.0	202.1
57.5°	210.3	209.5	208.6	207.8	206.9	206.1	205.2	204.3	203.5	202.6	201.7
60°	209.7	208.9	208.0	207.2	206.3	205.4	204.5	203.6	202.7	201.8	200.9
62.5°	208.7	207.8	207.0	206.1	205.2	204.3	203.4	202.5	201.6	200.7	199.7
65°	207.1	206.3	205.5	204.7	203.7	202.8	201.9	200.9	200.0	199.1	198.1
67.5°	205.1	204.3	203.5	202.7	201.8	200.8	199.9	199.0	198.1	197.1	196.2
70°	202.5	201.7	200.9	200.1	199.2	198.3	197.3	196.4	195.5	194.6	193.7
72.5°	199.6	198.8	198.0	197.2	196.3	195.4	194.5	193.5	192.6	191.7	190.8
75°	196.2	195.4	194.7	193.9	193.0	192.1	191.2	190.3	189.4	188.6	187.7
77.5°	192.6	191.8	191.1	190.3	189.4	188.5	187.6	186.7	185.8	184.9	184.0
80°	188.6	187.9	187.2	186.4	185.6	184.7	183.8	182.9	182.1	181.2	180.3
82.5°	184.5	183.8	183.1	182.3	181.5	180.6	179.7	178.8	178.0	177.1	176.2
85°	180.3	179.6	178.9	178.2	177.3	176.5	175.6	174.7	173.8	173.0	172.1
87.5°	175.8	175.1	174.5	173.8	173.0	172.1	171.3	170.4	169.5	168.7	167.8
90°	171.2	170.6	169.9	169.3	168.5	167.6	166.8	165.9	165.1	164.3	163.4
92.5°	166.6	166.0	165.4	164.8	163.9	163.1	162.3	161.5	160.7	159.9	159.1
95°	162.0	161.4	160.8	160.2	159.5	158.7	157.9	157.1	156.3	155.5	154.7
97.5°	157.4	156.9	156.4	155.9	155.1	154.3	153.5	152.7	151.9	151.1	150.3
100°	152.6	152.1	151.6	151.1	150.3	149.6	148.8	148.0	147.3	146.5	145.8
102.5°	147.6	147.1	146.7	146.2	145.4	144.7	144.0	143.2	142.5	141.8	141.0
105°	142.3	141.9	141.5	141.0	140.3	139.6	138.9	138.3	137.6	136.9	136.2
107.5°	136.9	136.5	136.1	135.7	135.1	134.4	133.8	133.1	132.5	131.8	131.2
110°	131.4	131.0	130.7	130.3	129.7	129.1	128.5	127.8	127.2	126.6	126.0

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	125.8	125.4	125.1	124.8	124.2	123.7	123.1	122.5	121.9	121.4	120.8
115°	120.1	119.8	119.5	119.2	118.7	118.1	117.6	117.0	116.4	115.9	115.3
117.5°	114.3	114.1	113.8	113.6	113.1	112.5	112.0	111.5	110.9	110.4	109.9
120°	108.3	108.1	107.9	107.7	107.1	106.6	106.1	105.6	105.1	104.6	104.0
122.5°	102.1	102.0	101.8	101.6	101.2	100.7	100.2	99.7	99.2	98.8	98.3
125°	95.9	95.8	95.7	95.5	95.1	94.7	94.2	93.8	93.4	92.9	92.5
127.5°	89.6	89.5	89.4	89.3	89.0	88.6	88.2	87.8	87.5	87.1	86.7
130°	83.4	83.3	83.3	83.2	82.9	82.6	82.2	81.9	81.6	81.3	81.0
132.5°	77.2	77.1	77.1	77.1	76.8	76.5	76.3	76.0	75.7	75.5	75.2
135°	70.9	70.9	70.9	70.8	70.6	70.4	70.2	70.0	69.8	69.6	69.5
137.5°	64.9	64.9	64.9	64.9	64.7	64.6	64.5	64.3	64.2	64.0	63.9
140°	58.9	58.9	58.9	58.9	58.8	58.7	58.6	58.5	58.5	58.4	58.3
142.5°	53.2	53.2	53.3	53.3	53.2	53.2	53.1	53.1	53.0	53.0	52.9
145°	47.4	47.5	47.5	47.5	47.5	47.5	47.4	47.4	47.4	47.4	47.3
147.5°	41.9	42.0	42.0	42.1	42.0	42.0	42.0	42.0	41.9	41.9	41.9
150°	36.5	36.5	36.6	36.7	36.6	36.6	36.6	36.6	36.5	36.5	36.5
152.5°	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
155°	25.8	25.8	25.9	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0
157.5°	21.0	21.0	21.0	21.1	21.1	21.1	21.2	21.2	21.2	21.3	21.3
160°	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5
162.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1
165°	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.1	8.1
167.5°	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9
170°	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9
172.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
175°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	131.0	131.0
2.5°	133.8	133.8
5°	137.3	137.3
7.5°	142.1	142.0
10°	147.5	147.4
12.5°	153.3	153.3
15°	159.2	159.2
17.5°	164.9	164.9
20°	170.2	170.2
22.5°	175.1	175.0
25°	179.8	179.7
27.5°	184.0	183.9
30°	187.6	187.4
32.5°	190.7	190.5
35°	193.3	193.0
37.5°	195.6	195.1
40°	197.5	197.0
42.5°	198.9	198.3
45°	200.1	199.4
47.5°	200.7	200.0
50°	201.2	200.4
52.5°	201.3	200.6
55°	201.3	200.5
57.5°	200.9	200.0
60°	200.0	199.2
62.5°	198.8	197.9
65°	197.2	196.3
67.5°	195.3	194.4
70°	192.8	191.9
72.5°	189.8	188.9
75°	186.8	185.9
77.5°	183.1	182.2
80°	179.4	178.6
82.5°	175.4	174.5
85°	171.2	170.4
87.5°	167.0	166.1
90°	162.6	161.7
92.5°	158.3	157.5
95°	153.9	153.1
97.5°	149.5	148.7
100°	145.0	144.2
102.5°	140.3	139.6
105°	135.5	134.8
107.5°	130.5	129.9
110°	125.4	124.8

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	120.2	119.7
115°	114.8	114.2
117.5°	109.3	108.8
120°	103.5	103.0
122.5°	97.8	97.3
125°	92.1	91.6
127.5°	86.3	86.0
130°	80.6	80.3
132.5°	75.0	74.7
135°	69.3	69.1
137.5°	63.7	63.6
140°	58.2	58.1
142.5°	52.8	52.8
145°	47.3	47.3
147.5°	41.9	41.8
150°	36.5	36.4
152.5°	31.2	31.2
155°	26.1	26.1
157.5°	21.3	21.4
160°	16.6	16.6
162.5°	12.2	12.2
165°	8.1	8.1
167.5°	5.0	5.0
170°	1.9	1.8
172.5°	0.5	0.5
175°	0.4	0.4
177.5°	0.4	0.4
180°	0.0	0.0

(END OF REPORT)