

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: P600774

Luminaire Tested: **FE12S40FDB**

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: P600774
 Test Lab: Third Party
 Issue Date: 07/11/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: FE12S40FDB
 Description: Lumen Select LED Entry Light -Bronze 4000K
 Light Source: 70 CRI LEDs
 Ballast/Driver: (1) Electronic Driver

Summary

Lumens per Lamp: N/A
 Luminaire Lumens: 1272 lumens
 Efficiency: N/A
 Efficacy: 111.5 lumens/watt
 Luminous Opening: Point Source (0m x 0m x 0m)
 IES Classification: Type IV - Short
 BUG Rating: B1 - U3 - G1

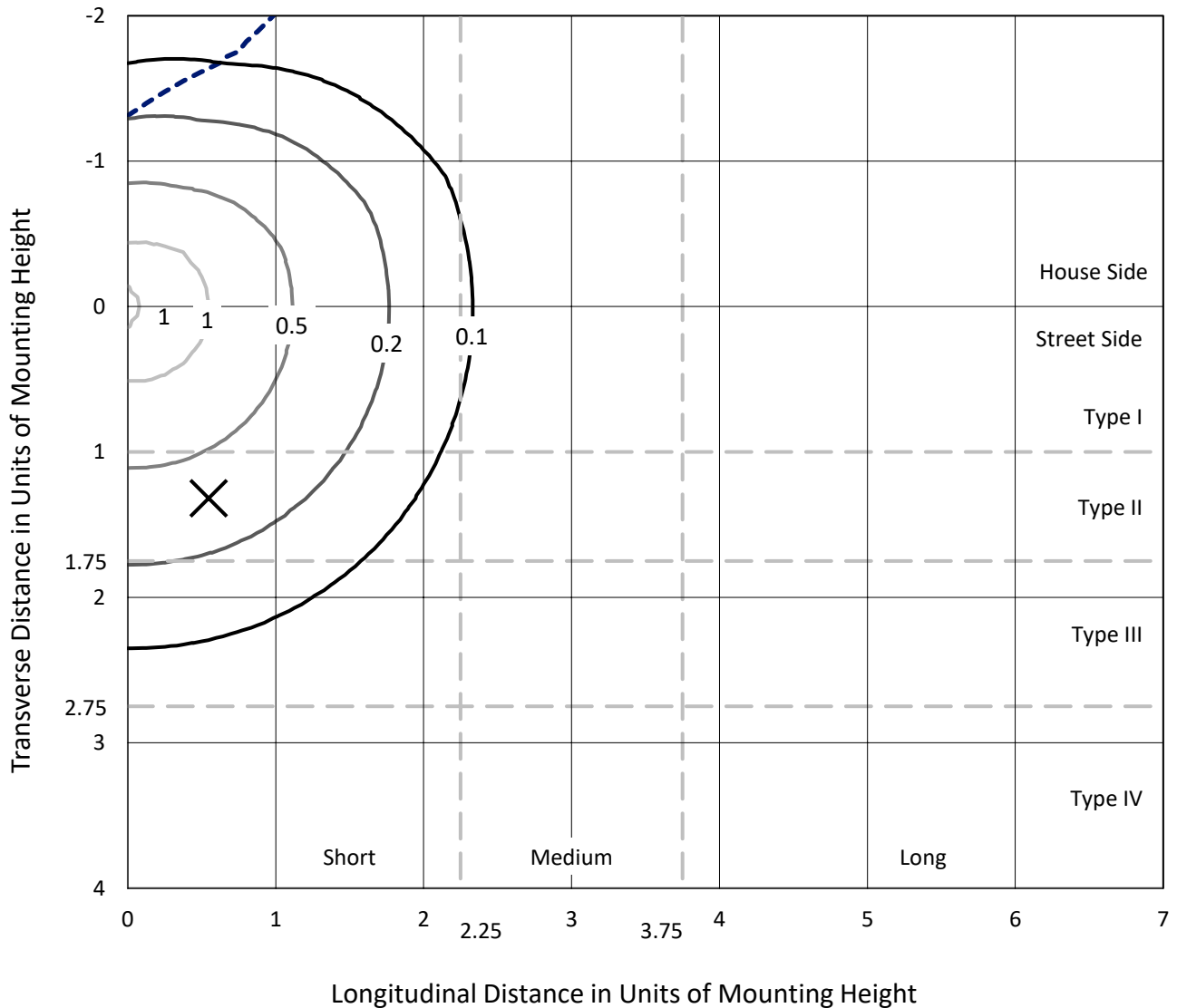
Input Watts (W): 11.41
 Input Voltage (V): 120.0
 Input Current (Ain): 0.095
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

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

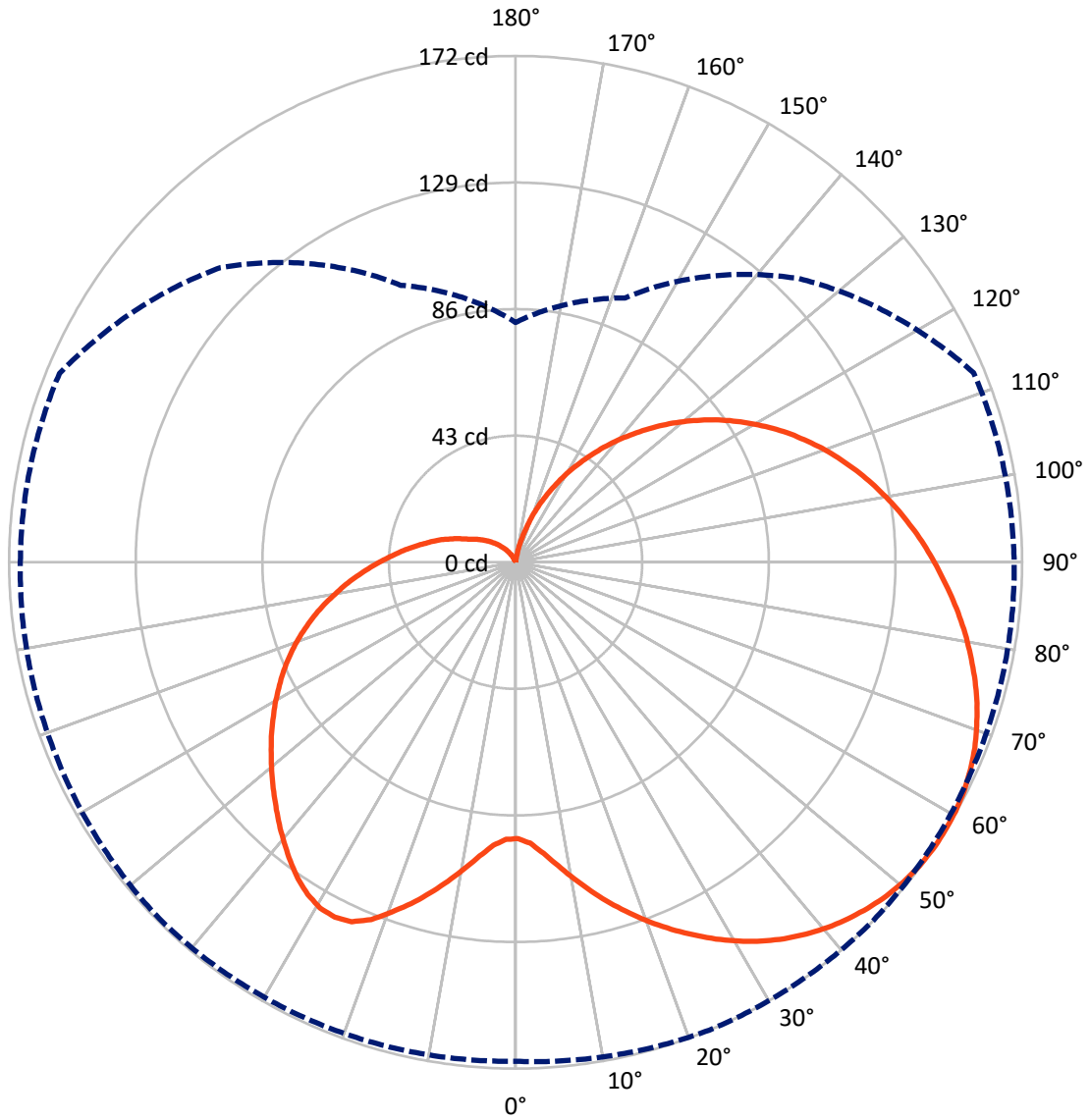
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 22.5-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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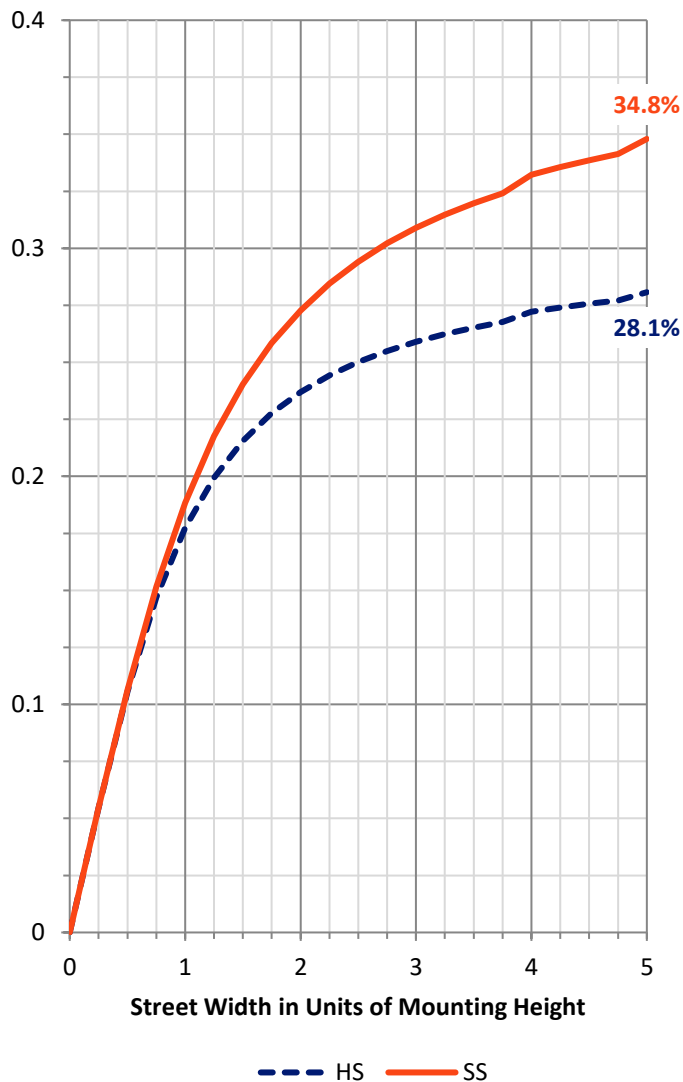
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	380.7	134.1	514.9
	% Fixture	29.9	10.5	40.5
Street Side	Lumens	490.0	267.1	757.2
	% Fixture	38.5	21.0	59.5
Total	Lumens	870.8	401.2	1272.0
	% Fixture	68.5	31.5	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	0.8
10°-20°	33.6	2.6
20°-30°	63.4	5.0
30°-40°	93.0	7.3
40°-50°	117.6	9.2
50°-60°	135.5	10.6
60°-70°	144.2	11.3
70°-80°	142.4	11.2
80°-90°	131.5	10.3
90°-100°	114.9	9.0
100°-110°	95.5	7.5
110°-120°	74.4	5.8
120°-130°	53.6	4.2
130°-140°	34.5	2.7
140°-150°	18.9	1.5
150°-160°	7.8	0.6
160°-170°	1.7	0.1
170°-180°	0.1	0.0
0°-90°	870.8	68.5
0°-180°	1272.0	100.0

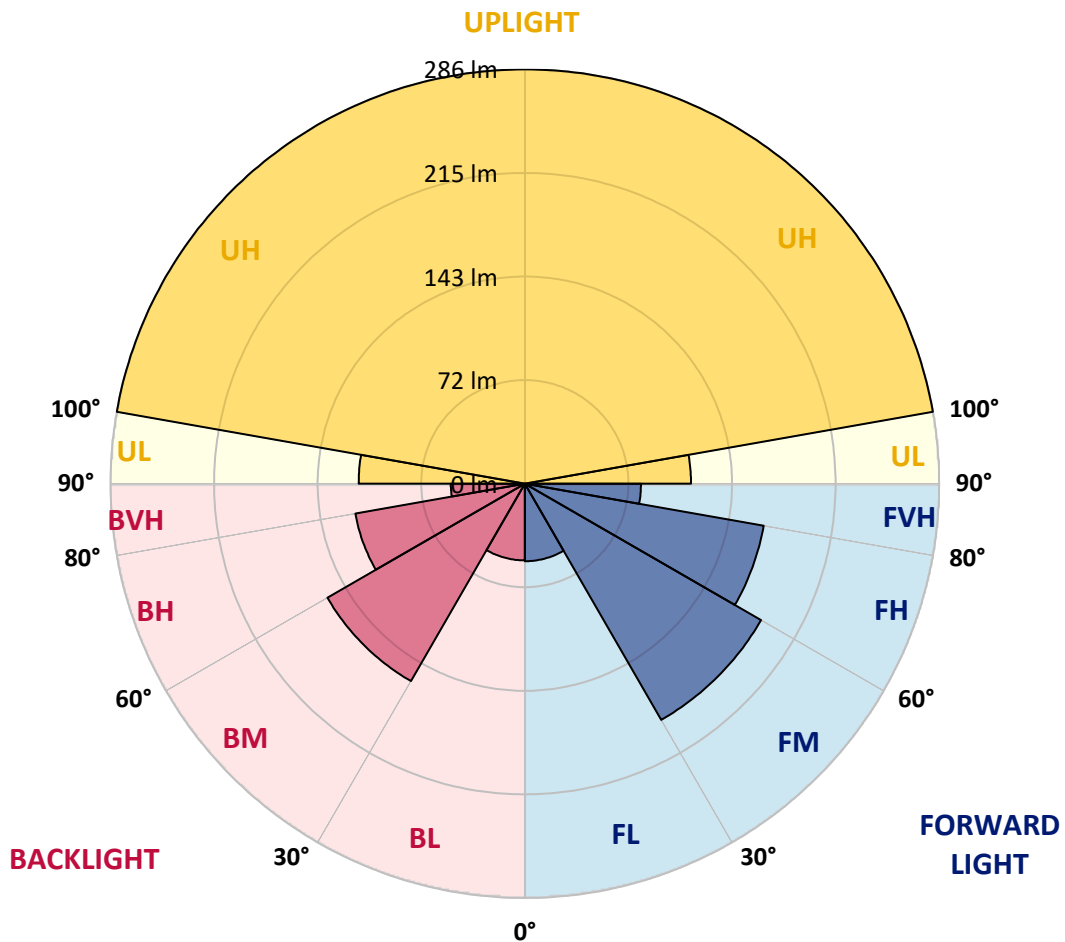


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	53.6	4.2			
FM (30°-60°)	188.6	14.8			
FH (60°-80°)	167.6	13.2			G0/660
FVH (80°-90°)	80.3	6.3			G1/100
BL (0°-30°)	53.0	4.2	B0/110		
BM (30°-60°)	157.6	12.4	B0/220		
BH (60°-80°)	118.9	9.4	B1/500		G1/500
BVH (80°-90°)	51.2	4.0			G1/100
UL (90°-100°)	114.9	9.0		U3/500	
UH (100°-180°)	286.4	22.5		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°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.3
5°	97.5	97.7	97.9	98.0	98.2	98.4	98.6	98.8	98.9	99.1	99.2
7.5°	102.0	102.2	102.4	102.6	102.8	103.0	103.2	103.4	103.6	103.8	104.0
10°	107.1	107.3	107.5	107.8	108.0	108.2	108.4	108.6	108.9	109.1	109.3
12.5°	112.4	112.6	112.9	113.1	113.3	113.5	113.8	114.0	114.2	114.5	114.7
15°	117.8	118.0	118.2	118.5	118.7	118.9	119.1	119.4	119.6	119.8	120.0
17.5°	123.0	123.2	123.4	123.7	123.9	124.1	124.3	124.5	124.8	125.0	125.2
20°	128.1	128.3	128.5	128.8	129.0	129.2	129.5	129.7	129.9	130.1	130.3
22.5°	133.1	133.3	133.5	133.7	134.0	134.2	134.4	134.6	134.9	135.1	135.3
25°	138.0	138.2	138.4	138.6	138.8	139.0	139.2	139.4	139.6	139.8	140.0
27.5°	142.7	142.9	143.1	143.3	143.5	143.7	143.9	144.2	144.4	144.6	144.7
30°	147.1	147.3	147.5	147.7	147.9	148.1	148.4	148.6	148.8	149.0	149.1
32.5°	151.2	151.4	151.6	151.8	152.0	152.2	152.5	152.7	152.9	153.1	153.2
35°	154.7	154.9	155.1	155.4	155.6	155.8	156.0	156.2	156.5	156.7	156.7
37.5°	157.7	158.0	158.2	158.4	158.7	158.9	159.1	159.4	159.6	159.8	159.9
40°	160.4	160.7	160.9	161.2	161.4	161.7	162.0	162.2	162.5	162.8	162.8
42.5°	162.7	163.0	163.3	163.6	163.8	164.1	164.4	164.6	164.9	165.2	165.2
45°	164.8	165.0	165.3	165.6	165.9	166.1	166.4	166.7	167.0	167.2	167.3
47.5°	166.3	166.6	166.9	167.2	167.5	167.8	168.1	168.4	168.7	169.0	169.0
50°	167.6	167.9	168.2	168.5	168.8	169.1	169.4	169.7	170.0	170.3	170.3
52.5°	168.5	168.8	169.1	169.4	169.7	170.0	170.3	170.6	170.9	171.2	171.2
55°	169.1	169.4	169.6	169.9	170.2	170.5	170.7	171.0	171.3	171.6	171.6
57.5°	169.2	169.4	169.7	170.0	170.2	170.5	170.8	171.0	171.3	171.6	171.5
60°	169.0	169.3	169.5	169.8	170.0	170.2	170.5	170.7	171.0	171.2	171.2
62.5°	168.4	168.6	168.8	169.1	169.3	169.6	169.8	170.0	170.3	170.5	170.4
65°	167.4	167.6	167.8	168.0	168.2	168.5	168.7	168.9	169.1	169.3	169.2
67.5°	166.0	166.2	166.4	166.6	166.8	167.0	167.2	167.4	167.6	167.8	167.6
70°	164.2	164.4	164.6	164.7	164.9	165.0	165.2	165.4	165.5	165.7	165.5
72.5°	162.0	162.2	162.3	162.5	162.6	162.8	162.9	163.1	163.2	163.4	163.2
75°	159.5	159.7	159.8	159.9	160.1	160.2	160.4	160.5	160.6	160.8	160.6
77.5°	156.8	156.9	157.0	157.2	157.3	157.4	157.5	157.6	157.7	157.8	157.6
80°	154.0	154.0	154.1	154.2	154.3	154.4	154.5	154.6	154.7	154.8	154.6
82.5°	150.8	150.9	150.9	151.0	151.1	151.2	151.3	151.4	151.4	151.5	151.3
85°	147.4	147.5	147.6	147.7	147.7	147.8	147.9	148.0	148.0	148.1	147.9
87.5°	144.1	144.2	144.2	144.3	144.3	144.4	144.4	144.5	144.5	144.6	144.3
90°	140.7	140.8	140.8	140.9	140.9	141.0	141.0	141.1	141.1	141.2	140.9
92.5°	137.4	137.4	137.4	137.5	137.5	137.6	137.6	137.6	137.7	137.7	137.4
95°	133.9	133.9	133.9	133.9	133.9	134.0	134.0	134.0	134.0	134.1	133.8
97.5°	130.5	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.1
100°	126.8	126.8	126.8	126.7	126.7	126.7	126.7	126.7	126.6	126.6	126.3
102.5°	123.1	123.0	123.0	123.0	123.0	122.9	122.9	122.9	122.9	122.8	122.5
105°	119.3	119.2	119.2	119.1	119.1	119.0	119.0	118.9	118.9	118.8	118.5
107.5°	115.3	115.2	115.2	115.1	115.1	115.0	115.0	114.9	114.8	114.8	114.5
110°	111.3	111.2	111.1	111.1	111.0	110.9	110.8	110.7	110.7	110.6	110.3

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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°	107.1	107.0	106.9	106.8	106.7	106.6	106.5	106.4	106.3	106.2	105.9
115°	102.9	102.8	102.7	102.6	102.5	102.4	102.3	102.2	102.1	102.0	101.6
117.5°	98.4	98.2	98.1	98.0	97.9	97.8	97.6	97.5	97.4	97.3	96.9
120°	93.8	93.7	93.6	93.4	93.3	93.2	93.0	92.9	92.7	92.6	92.3
122.5°	89.2	89.1	88.9	88.8	88.6	88.5	88.3	88.2	88.0	87.9	87.6
125°	84.5	84.3	84.2	84.0	83.9	83.7	83.6	83.4	83.3	83.1	82.8
127.5°	79.8	79.6	79.4	79.2	79.0	78.8	78.6	78.4	78.3	78.1	77.8
130°	74.9	74.7	74.5	74.3	74.1	73.9	73.8	73.6	73.4	73.2	72.8
132.5°	70.0	69.8	69.6	69.4	69.1	68.9	68.7	68.5	68.3	68.1	67.8
135°	65.0	64.8	64.6	64.4	64.1	63.9	63.7	63.5	63.3	63.1	62.7
137.5°	59.9	59.7	59.4	59.2	59.0	58.8	58.6	58.4	58.1	57.9	57.6
140°	55.0	54.8	54.6	54.4	54.1	53.9	53.7	53.5	53.3	53.1	52.7
142.5°	49.9	49.7	49.5	49.3	49.1	48.9	48.7	48.5	48.3	48.1	47.8
145°	44.8	44.6	44.5	44.3	44.1	43.9	43.7	43.5	43.3	43.1	42.8
147.5°	40.0	39.8	39.6	39.5	39.3	39.1	38.9	38.8	38.6	38.4	38.1
150°	35.1	34.9	34.8	34.6	34.5	34.3	34.2	34.0	33.9	33.7	33.5
152.5°	30.2	30.0	29.9	29.8	29.6	29.5	29.4	29.2	29.1	29.0	28.7
155°	25.4	25.3	25.2	25.1	25.0	24.9	24.8	24.7	24.6	24.5	24.2
157.5°	20.9	20.8	20.7	20.7	20.6	20.5	20.5	20.4	20.3	20.3	20.0
160°	16.4	16.3	16.3	16.2	16.1	16.1	16.0	16.0	15.9	15.9	15.6
162.5°	12.1	12.0	12.0	12.0	11.9	11.9	11.9	11.8	11.8	11.7	11.5
165°	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.8
167.5°	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.6
170°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9
172.5°	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.8
175°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	95.4	95.5	95.5	95.6	95.6	95.7	95.8	95.8	95.9	96.0	96.1
5°	99.4	99.5	99.7	99.8	99.9	100.1	100.2	100.3	100.4	100.5	100.6
7.5°	104.2	104.4	104.6	104.8	105.0	105.2	105.4	105.6	105.7	105.8	105.9
10°	109.5	109.7	109.9	110.2	110.4	110.6	110.8	111.0	111.2	111.3	111.4
12.5°	114.9	115.1	115.3	115.5	115.7	115.9	116.1	116.3	116.5	116.7	116.8
15°	120.2	120.4	120.6	120.8	121.0	121.2	121.4	121.6	121.8	121.9	122.1
17.5°	125.4	125.6	125.8	126.0	126.2	126.4	126.6	126.8	126.9	127.1	127.2
20°	130.5	130.7	130.9	131.1	131.3	131.4	131.6	131.8	132.0	132.1	132.2
22.5°	135.5	135.7	135.8	136.0	136.2	136.4	136.6	136.8	136.9	137.0	137.2
25°	140.2	140.4	140.5	140.7	140.9	141.1	141.3	141.4	141.5	141.7	141.8
27.5°	144.9	145.0	145.1	145.3	145.4	145.5	145.7	145.8	145.9	146.0	146.1
30°	149.2	149.3	149.4	149.5	149.6	149.7	149.8	149.9	150.0	150.1	150.2
32.5°	153.2	153.3	153.4	153.5	153.6	153.7	153.7	153.8	153.9	153.9	154.0
35°	156.8	156.9	157.0	157.0	157.1	157.2	157.3	157.3	157.4	157.4	157.4
37.5°	160.0	160.1	160.2	160.3	160.4	160.4	160.5	160.6	160.6	160.6	160.6
40°	162.9	163.0	163.0	163.1	163.2	163.3	163.3	163.4	163.4	163.3	163.3
42.5°	165.3	165.4	165.4	165.5	165.6	165.6	165.7	165.7	165.7	165.6	165.5
45°	167.4	167.4	167.5	167.5	167.6	167.7	167.7	167.8	167.7	167.6	167.5
47.5°	169.1	169.1	169.2	169.2	169.3	169.3	169.4	169.4	169.3	169.1	169.0
50°	170.3	170.4	170.4	170.4	170.4	170.4	170.4	170.5	170.3	170.2	170.1
52.5°	171.2	171.2	171.2	171.2	171.2	171.2	171.2	171.2	171.1	170.9	170.7
55°	171.5	171.5	171.5	171.5	171.5	171.5	171.5	171.5	171.3	171.1	170.9
57.5°	171.5	171.5	171.4	171.4	171.3	171.3	171.3	171.2	171.0	170.8	170.6
60°	171.1	171.1	171.0	170.9	170.9	170.8	170.8	170.7	170.5	170.3	170.0
62.5°	170.4	170.3	170.2	170.2	170.1	170.0	169.9	169.9	169.6	169.3	169.1
65°	169.1	169.0	168.9	168.8	168.7	168.6	168.5	168.4	168.2	167.9	167.6
67.5°	167.5	167.4	167.3	167.1	167.0	166.9	166.7	166.6	166.3	166.0	165.7
70°	165.4	165.3	165.1	165.0	164.8	164.7	164.5	164.4	164.1	163.8	163.5
72.5°	163.1	162.9	162.7	162.5	162.4	162.2	162.0	161.8	161.5	161.2	160.9
75°	160.4	160.2	160.0	159.8	159.6	159.4	159.2	159.0	158.7	158.3	158.0
77.5°	157.4	157.2	157.0	156.8	156.6	156.4	156.2	156.0	155.6	155.3	155.0
80°	154.3	154.1	153.9	153.7	153.4	153.2	153.0	152.8	152.4	152.0	151.7
82.5°	151.0	150.8	150.6	150.3	150.1	149.9	149.6	149.4	149.0	148.6	148.2
85°	147.6	147.4	147.1	146.9	146.6	146.4	146.2	145.9	145.5	145.1	144.7
87.5°	144.1	143.9	143.6	143.4	143.1	142.9	142.6	142.4	142.0	141.6	141.2
90°	140.7	140.5	140.2	140.0	139.7	139.5	139.2	139.0	138.6	138.1	137.7
92.5°	137.2	136.9	136.6	136.3	136.1	135.8	135.5	135.3	134.8	134.4	134.0
95°	133.5	133.2	133.0	132.7	132.4	132.1	131.9	131.6	131.1	130.7	130.2
97.5°	129.8	129.5	129.3	129.0	128.7	128.4	128.1	127.8	127.3	126.8	126.4
100°	126.0	125.7	125.4	125.2	124.9	124.6	124.3	124.0	123.5	123.0	122.6
102.5°	122.2	121.9	121.6	121.3	121.1	120.8	120.5	120.2	119.7	119.1	118.6
105°	118.2	117.9	117.6	117.3	116.9	116.6	116.3	116.0	115.5	115.0	114.5
107.5°	114.1	113.8	113.5	113.2	112.9	112.5	112.2	111.9	111.4	110.9	110.4
110°	109.9	109.6	109.2	108.9	108.6	108.2	107.9	107.6	107.0	106.5	106.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	105.6	105.3	105.0	104.6	104.3	104.0	103.7	103.4	102.8	102.3	101.8
115°	101.3	100.9	100.6	100.2	99.9	99.5	99.2	98.9	98.3	97.8	97.3
117.5°	96.6	96.3	95.9	95.6	95.2	94.9	94.6	94.2	93.7	93.2	92.7
120°	92.0	91.6	91.3	91.0	90.7	90.3	90.0	89.7	89.1	88.6	88.0
122.5°	87.3	86.9	86.6	86.3	86.0	85.6	85.3	85.0	84.4	83.9	83.3
125°	82.4	82.1	81.7	81.4	81.1	80.7	80.4	80.0	79.5	78.9	78.4
127.5°	77.4	77.1	76.8	76.5	76.1	75.8	75.5	75.2	74.6	74.1	73.5
130°	72.5	72.1	71.8	71.4	71.1	70.8	70.4	70.1	69.6	69.0	68.5
132.5°	67.5	67.1	66.8	66.5	66.2	65.8	65.5	65.2	64.6	64.1	63.6
135°	62.4	62.1	61.8	61.4	61.1	60.8	60.5	60.1	59.6	59.1	58.6
137.5°	57.3	57.0	56.7	56.4	56.1	55.8	55.5	55.2	54.7	54.3	53.8
140°	52.4	52.1	51.8	51.5	51.2	50.9	50.6	50.3	49.8	49.3	48.9
142.5°	47.5	47.2	46.9	46.6	46.3	46.0	45.7	45.3	44.9	44.5	44.1
145°	42.6	42.3	42.0	41.7	41.4	41.2	40.9	40.6	40.2	39.8	39.4
147.5°	37.8	37.6	37.3	37.0	36.7	36.4	36.2	35.9	35.5	35.1	34.7
150°	33.2	32.9	32.6	32.3	32.0	31.7	31.4	31.2	30.8	30.5	30.1
152.5°	28.4	28.2	27.9	27.6	27.3	27.1	26.8	26.5	26.2	25.9	25.6
155°	23.9	23.6	23.4	23.1	22.8	22.5	22.2	21.9	21.6	21.3	21.1
157.5°	19.7	19.4	19.1	18.8	18.5	18.2	17.9	17.6	17.3	17.0	16.8
160°	15.3	15.0	14.8	14.5	14.2	13.9	13.7	13.4	13.1	12.9	12.6
162.5°	11.3	11.0	10.8	10.6	10.3	10.1	9.9	9.6	9.4	9.2	9.0
165°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.8
167.5°	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.4	3.2	3.1	2.9
170°	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9
172.5°	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.4	0.4	0.4	0.4	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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6
5°	100.7	100.8	100.9	101.0	101.1	101.2	101.3	101.3	101.4	101.4	101.5
7.5°	106.1	106.2	106.3	106.4	106.6	106.7	106.7	106.8	106.8	106.8	106.9
10°	111.6	111.7	111.8	112.0	112.1	112.2	112.3	112.3	112.3	112.3	112.4
12.5°	117.0	117.1	117.3	117.4	117.6	117.7	117.8	117.8	117.8	117.8	117.9
15°	122.3	122.4	122.6	122.7	122.9	123.1	123.1	123.1	123.1	123.1	123.1
17.5°	127.4	127.5	127.7	127.8	128.0	128.1	128.2	128.2	128.2	128.2	128.2
20°	132.4	132.5	132.7	132.8	132.9	133.1	133.1	133.1	133.2	133.2	133.2
22.5°	137.3	137.5	137.6	137.7	137.9	138.0	138.0	138.0	138.0	138.0	138.1
25°	141.9	142.0	142.1	142.2	142.3	142.5	142.5	142.5	142.5	142.5	142.6
27.5°	146.2	146.3	146.4	146.5	146.7	146.8	146.8	146.8	146.8	146.7	146.7
30°	150.3	150.4	150.5	150.6	150.7	150.8	150.8	150.8	150.8	150.7	150.7
32.5°	154.1	154.1	154.2	154.3	154.3	154.4	154.4	154.4	154.4	154.3	154.3
35°	157.5	157.5	157.5	157.5	157.6	157.6	157.6	157.5	157.5	157.5	157.4
37.5°	160.5	160.5	160.5	160.5	160.4	160.4	160.4	160.4	160.3	160.3	160.3
40°	163.2	163.2	163.1	163.1	163.0	163.0	162.9	162.9	162.8	162.8	162.8
42.5°	165.5	165.4	165.3	165.3	165.2	165.1	165.1	165.0	165.0	164.9	164.9
45°	167.4	167.3	167.2	167.1	167.1	167.0	166.9	166.8	166.7	166.6	166.6
47.5°	168.9	168.8	168.6	168.5	168.4	168.3	168.2	168.1	168.1	168.0	167.9
50°	169.9	169.8	169.7	169.5	169.4	169.3	169.2	169.1	169.0	168.9	168.8
52.5°	170.5	170.4	170.2	170.0	169.8	169.7	169.6	169.5	169.4	169.3	169.2
55°	170.7	170.5	170.3	170.1	169.9	169.7	169.6	169.5	169.4	169.3	169.2
57.5°	170.4	170.3	170.1	169.9	169.7	169.5	169.3	169.2	169.1	168.9	168.8
60°	169.8	169.6	169.4	169.1	168.9	168.7	168.5	168.4	168.2	168.1	167.9
62.5°	168.8	168.5	168.2	168.0	167.7	167.4	167.3	167.1	167.0	166.8	166.7
65°	167.3	167.0	166.8	166.5	166.2	165.9	165.8	165.6	165.5	165.3	165.1
67.5°	165.4	165.1	164.8	164.5	164.2	163.9	163.7	163.6	163.4	163.2	163.0
70°	163.2	162.8	162.5	162.2	161.9	161.6	161.4	161.2	161.1	160.9	160.7
72.5°	160.5	160.2	159.9	159.5	159.2	158.9	158.7	158.5	158.3	158.1	157.9
75°	157.7	157.3	157.0	156.7	156.3	156.0	155.8	155.6	155.4	155.2	155.1
77.5°	154.6	154.3	153.9	153.6	153.2	152.9	152.7	152.5	152.3	152.0	151.8
80°	151.3	151.0	150.6	150.2	149.9	149.5	149.3	149.0	148.8	148.6	148.3
82.5°	147.9	147.5	147.1	146.7	146.3	146.0	145.7	145.5	145.2	145.0	144.7
85°	144.4	144.0	143.6	143.2	142.8	142.4	142.1	141.9	141.6	141.3	141.0
87.5°	140.8	140.4	140.0	139.7	139.3	138.9	138.6	138.2	137.9	137.6	137.2
90°	137.3	136.9	136.4	136.0	135.6	135.2	134.8	134.4	134.0	133.6	133.2
92.5°	133.5	133.1	132.7	132.2	131.8	131.4	130.9	130.5	130.1	129.6	129.2
95°	129.8	129.3	128.8	128.4	127.9	127.4	127.0	126.5	126.0	125.6	125.1
97.5°	125.9	125.4	124.9	124.5	124.0	123.5	123.0	122.5	122.0	121.4	120.9
100°	122.1	121.6	121.2	120.7	120.2	119.7	119.2	118.6	118.0	117.4	116.9
102.5°	118.1	117.6	117.1	116.6	116.1	115.6	115.0	114.4	113.8	113.2	112.6
105°	114.0	113.5	113.0	112.5	112.0	111.5	110.9	110.3	109.6	109.0	108.4
107.5°	109.8	109.3	108.8	108.3	107.8	107.3	106.7	106.0	105.4	104.7	104.1
110°	105.5	105.0	104.5	103.9	103.4	102.9	102.3	101.6	101.0	100.3	99.7

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 CATALOG NUMBER: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	101.3	100.7	100.2	99.7	99.1	98.6	97.9	97.2	96.5	95.8	95.2
115°	96.7	96.2	95.7	95.1	94.6	94.1	93.4	92.7	91.9	91.2	90.5
117.5°	92.2	91.6	91.1	90.6	90.1	89.6	88.8	88.1	87.3	86.6	85.8
120°	87.5	86.9	86.4	85.8	85.3	84.7	84.0	83.2	82.5	81.7	81.0
122.5°	82.8	82.2	81.7	81.1	80.6	80.0	79.3	78.5	77.7	76.9	76.2
125°	77.9	77.3	76.8	76.3	75.7	75.2	74.4	73.6	72.9	72.1	71.3
127.5°	73.0	72.4	71.9	71.4	70.8	70.3	69.5	68.7	68.0	67.2	66.4
130°	68.0	67.4	66.9	66.4	65.8	65.3	64.5	63.8	63.0	62.3	61.5
132.5°	63.1	62.5	62.0	61.5	61.0	60.5	59.7	59.0	58.3	57.6	56.9
135°	58.1	57.6	57.1	56.6	56.1	55.5	54.9	54.2	53.5	52.8	52.1
137.5°	53.3	52.8	52.4	51.9	51.4	51.0	50.3	49.6	48.9	48.2	47.5
140°	48.4	48.0	47.5	47.1	46.6	46.2	45.5	44.9	44.2	43.6	42.9
142.5°	43.7	43.3	42.8	42.4	42.0	41.6	41.0	40.3	39.7	39.1	38.4
145°	39.0	38.6	38.2	37.8	37.4	37.0	36.4	35.8	35.3	34.7	34.1
147.5°	34.4	34.0	33.6	33.2	32.8	32.4	31.9	31.4	30.8	30.3	29.7
150°	29.8	29.4	29.1	28.7	28.4	28.0	27.6	27.1	26.6	26.1	25.6
152.5°	25.3	25.0	24.7	24.4	24.1	23.8	23.4	23.0	22.6	22.1	21.7
155°	20.8	20.5	20.2	20.0	19.7	19.4	19.1	18.8	18.4	18.1	17.8
157.5°	16.5	16.2	15.9	15.6	15.3	15.0	14.8	14.5	14.2	14.0	13.7
160°	12.4	12.1	11.9	11.7	11.4	11.2	10.9	10.7	10.4	10.1	9.9
162.5°	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.8	6.6
165°	5.6	5.5	5.3	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9
167.5°	2.8	2.7	2.5	2.4	2.3	2.1	2.0	2.0	1.9	1.8	1.7
170°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.6	96.6	96.6
5°	101.5	101.6	101.6	101.7	101.6	101.6	101.6	101.5	101.5	101.5	101.4
7.5°	106.9	107.0	107.0	107.0	107.0	106.9	106.9	106.8	106.8	106.7	106.7
10°	112.4	112.4	112.4	112.5	112.4	112.3	112.3	112.2	112.2	112.1	112.1
12.5°	117.9	117.9	117.9	117.9	117.9	117.8	117.7	117.7	117.6	117.6	117.5
15°	123.1	123.1	123.1	123.2	123.1	123.0	123.0	122.9	122.9	122.8	122.8
17.5°	128.3	128.3	128.3	128.3	128.3	128.2	128.2	128.1	128.0	128.0	127.9
20°	133.3	133.3	133.3	133.4	133.3	133.2	133.2	133.1	133.0	133.0	132.9
22.5°	138.1	138.1	138.1	138.1	138.0	138.0	137.9	137.8	137.8	137.7	137.6
25°	142.6	142.6	142.6	142.6	142.6	142.5	142.4	142.4	142.3	142.2	142.2
27.5°	146.7	146.7	146.7	146.7	146.7	146.6	146.5	146.5	146.4	146.3	146.3
30°	150.7	150.7	150.7	150.7	150.6	150.5	150.5	150.4	150.3	150.3	150.2
32.5°	154.3	154.3	154.3	154.3	154.2	154.1	154.0	154.0	153.9	153.8	153.8
35°	157.4	157.4	157.4	157.3	157.3	157.2	157.1	157.0	157.0	156.9	156.8
37.5°	160.3	160.2	160.2	160.2	160.1	160.0	160.0	159.9	159.8	159.7	159.7
40°	162.7	162.7	162.6	162.6	162.5	162.4	162.3	162.3	162.2	162.1	162.0
42.5°	164.8	164.8	164.7	164.7	164.6	164.5	164.4	164.4	164.3	164.2	164.1
45°	166.5	166.4	166.3	166.2	166.2	166.1	166.0	165.9	165.9	165.8	165.7
47.5°	167.8	167.8	167.7	167.6	167.5	167.4	167.3	167.2	167.1	167.0	166.9
50°	168.7	168.6	168.5	168.4	168.3	168.2	168.1	168.0	167.9	167.8	167.7
52.5°	169.1	169.0	168.9	168.9	168.7	168.6	168.5	168.4	168.3	168.2	168.1
55°	169.1	169.0	168.9	168.9	168.7	168.6	168.5	168.4	168.3	168.2	168.1
57.5°	168.7	168.5	168.4	168.3	168.2	168.1	168.0	167.9	167.8	167.8	167.7
60°	167.8	167.7	167.5	167.4	167.3	167.2	167.1	167.0	166.9	166.9	166.8
62.5°	166.5	166.4	166.2	166.1	166.0	166.0	165.9	165.8	165.8	165.7	165.6
65°	165.0	164.8	164.7	164.5	164.4	164.4	164.3	164.2	164.1	164.1	164.0
67.5°	162.9	162.7	162.5	162.4	162.3	162.2	162.2	162.1	162.0	162.0	161.9
70°	160.5	160.3	160.1	159.9	159.9	159.8	159.7	159.6	159.6	159.5	159.4
72.5°	157.8	157.6	157.4	157.2	157.1	157.0	157.0	156.9	156.8	156.7	156.6
75°	154.9	154.7	154.5	154.3	154.2	154.1	154.1	154.0	153.9	153.8	153.8
77.5°	151.6	151.4	151.2	151.0	150.9	150.8	150.7	150.6	150.5	150.4	150.3
80°	148.1	147.8	147.6	147.4	147.2	147.1	147.0	146.9	146.7	146.6	146.5
82.5°	144.5	144.3	144.0	143.8	143.6	143.4	143.2	143.1	142.9	142.7	142.5
85°	140.7	140.5	140.2	139.9	139.6	139.4	139.1	138.8	138.6	138.3	138.0
87.5°	136.9	136.6	136.3	135.9	135.6	135.2	134.8	134.5	134.1	133.7	133.4
90°	132.8	132.4	132.0	131.6	131.2	130.7	130.2	129.8	129.3	128.8	128.4
92.5°	128.7	128.3	127.9	127.4	126.9	126.3	125.7	125.2	124.6	124.0	123.5
95°	124.7	124.2	123.7	123.3	122.6	121.9	121.1	120.4	119.7	119.0	118.3
97.5°	120.4	119.9	119.4	118.9	118.1	117.3	116.5	115.7	114.9	114.2	113.4
100°	116.3	115.7	115.1	114.6	113.7	112.9	112.0	111.2	110.3	109.5	108.6
102.5°	112.0	111.4	110.8	110.2	109.3	108.4	107.4	106.5	105.6	104.7	103.8
105°	107.8	107.2	106.5	105.9	104.9	104.0	103.0	102.0	101.0	100.0	99.1
107.5°	103.5	102.8	102.2	101.5	100.5	99.4	98.4	97.3	96.2	95.2	94.1
110°	99.0	98.3	97.7	97.0	95.9	94.8	93.7	92.6	91.4	90.3	89.2

REPORT NUMBER: P600774
 CATALOG NUMBER: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	94.5	93.8	93.1	92.4	91.2	90.1	88.9	87.7	86.6	85.4	84.2
115°	89.8	89.1	88.4	87.7	86.5	85.2	84.0	82.8	81.6	80.4	79.2
117.5°	85.1	84.3	83.6	82.8	81.6	80.4	79.2	78.0	76.7	75.5	74.3
120°	80.2	79.5	78.7	78.0	76.8	75.5	74.3	73.0	71.8	70.6	69.3
122.5°	75.4	74.6	73.9	73.1	71.8	70.6	69.3	68.1	66.8	65.6	64.3
125°	70.6	69.8	69.0	68.2	67.0	65.8	64.5	63.3	62.0	60.8	59.5
127.5°	65.7	64.9	64.2	63.4	62.2	60.9	59.7	58.5	57.2	56.0	54.8
130°	60.8	60.0	59.3	58.5	57.3	56.1	54.9	53.7	52.5	51.3	50.1
132.5°	56.1	55.4	54.7	54.0	52.8	51.6	50.4	49.2	48.0	46.8	45.6
135°	51.4	50.8	50.1	49.4	48.2	47.0	45.9	44.7	43.5	42.4	41.2
137.5°	46.8	46.1	45.4	44.7	43.6	42.5	41.4	40.2	39.1	38.0	36.8
140°	42.2	41.6	40.9	40.3	39.2	38.1	37.0	35.9	34.9	33.8	32.7
142.5°	37.8	37.2	36.5	35.9	34.9	33.9	32.9	31.8	30.8	29.8	28.8
145°	33.5	32.9	32.3	31.7	30.8	29.9	28.9	28.0	27.0	26.1	25.1
147.5°	29.2	28.6	28.1	27.5	26.7	25.9	25.1	24.3	23.5	22.6	21.8
150°	25.1	24.6	24.2	23.7	22.9	22.2	21.5	20.7	20.0	19.3	18.5
152.5°	21.3	20.9	20.5	20.1	19.4	18.8	18.1	17.4	16.8	16.1	15.4
155°	17.4	17.1	16.8	16.4	15.9	15.3	14.8	14.2	13.6	13.1	12.5
157.5°	13.5	13.2	12.9	12.7	12.2	11.8	11.4	11.0	10.6	10.1	9.7
160°	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.5	7.2	6.9
162.5°	6.3	6.1	5.9	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6
165°	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.0
167.5°	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8
170°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	96.6	96.6	96.5	96.5	96.4	96.3	96.3	96.2	96.2	96.1	96.0
5°	101.4	101.3	101.2	101.1	101.0	100.9	100.8	100.7	100.6	100.5	100.4
7.5°	106.6	106.6	106.4	106.3	106.2	106.0	105.9	105.8	105.6	105.5	105.4
10°	112.0	112.0	111.9	111.7	111.6	111.5	111.4	111.2	111.1	111.0	110.8
12.5°	117.4	117.4	117.2	117.1	117.0	116.8	116.7	116.6	116.5	116.3	116.2
15°	122.7	122.7	122.5	122.4	122.3	122.2	122.0	121.9	121.8	121.7	121.6
17.5°	127.9	127.8	127.7	127.6	127.5	127.3	127.2	127.1	127.0	126.8	126.7
20°	132.8	132.8	132.6	132.5	132.4	132.2	132.1	131.9	131.8	131.7	131.5
22.5°	137.6	137.5	137.4	137.2	137.1	136.9	136.8	136.7	136.5	136.4	136.2
25°	142.1	142.0	141.8	141.7	141.5	141.4	141.2	141.0	140.9	140.7	140.6
27.5°	146.2	146.1	145.9	145.8	145.6	145.4	145.2	145.0	144.9	144.7	144.5
30°	150.1	150.1	149.7	149.4	149.0	148.7	148.3	148.0	147.7	147.3	147.0
32.5°	153.7	153.6	153.0	152.3	151.7	151.0	150.4	149.7	149.1	148.4	147.8
35°	156.8	156.7	155.7	154.7	153.6	152.6	151.6	150.6	149.6	148.6	147.6
37.5°	159.6	159.5	158.1	156.7	155.3	153.9	152.5	151.1	149.7	148.2	146.8
40°	161.9	161.9	160.1	158.3	156.6	154.8	153.0	151.3	149.5	147.7	146.0
42.5°	164.0	164.0	161.8	159.7	157.6	155.4	153.3	151.2	149.1	146.9	144.8
45°	165.6	165.5	163.1	160.7	158.2	155.8	153.3	150.9	148.4	146.0	143.6
47.5°	166.8	166.7	164.0	161.2	158.5	155.7	152.9	150.2	147.4	144.7	141.9
50°	167.5	167.4	164.4	161.4	158.3	155.3	152.3	149.2	146.2	143.1	140.1
52.5°	167.9	167.8	164.5	161.2	157.9	154.7	151.4	148.1	144.8	141.5	138.2
55°	168.0	167.9	164.3	160.8	157.2	153.7	150.1	146.6	143.0	139.5	135.9
57.5°	167.6	167.5	163.7	160.0	156.2	152.4	148.6	144.9	141.1	137.3	133.5
60°	166.7	166.6	162.6	158.6	154.7	150.7	146.7	142.7	138.7	134.8	130.8
62.5°	165.5	165.5	161.3	157.1	152.9	148.8	144.6	140.4	136.2	132.0	127.9
65°	163.9	163.9	159.5	155.1	150.8	146.4	142.1	137.7	133.4	129.0	124.7
67.5°	161.8	161.8	157.3	152.8	148.3	143.8	139.3	134.8	130.4	125.9	121.4
70°	159.3	159.3	154.7	150.0	145.4	140.8	136.2	131.6	126.9	122.3	117.7
72.5°	156.6	156.5	151.8	147.0	142.3	137.5	132.8	128.1	123.3	118.6	113.9
75°	153.7	153.6	148.7	143.9	139.0	134.1	129.3	124.4	119.5	114.7	109.8
77.5°	150.2	150.1	145.1	140.2	135.3	130.3	125.4	120.5	115.5	110.6	105.6
80°	146.4	146.3	141.2	136.2	131.2	126.2	121.2	116.2	111.1	106.1	101.1
82.5°	142.3	142.2	137.1	132.0	127.0	121.9	116.9	111.8	106.7	101.7	96.6
85°	137.8	137.5	132.4	127.4	122.3	117.2	112.2	107.1	102.0	97.0	91.9
87.5°	133.0	132.6	127.6	122.6	117.5	112.5	107.5	102.4	97.4	92.4	87.3
90°	127.9	127.4	122.4	117.4	112.4	107.4	102.4	97.4	92.4	87.4	82.4
92.5°	122.9	122.3	117.4	112.4	107.5	102.5	97.6	92.6	87.7	82.7	77.8
95°	117.6	116.9	112.1	107.2	102.4	97.6	92.7	87.9	83.1	78.2	73.4
97.5°	112.6	111.8	107.1	102.4	97.6	92.9	88.2	83.4	78.7	74.0	69.3
100°	107.8	106.9	102.3	97.6	93.0	88.4	83.7	79.1	74.4	69.8	65.2
102.5°	102.9	102.0	97.5	92.9	88.4	83.8	79.3	74.8	70.2	65.7	61.2
105°	98.1	97.1	92.7	88.2	83.8	79.4	74.9	70.5	66.1	61.6	57.2
107.5°	93.1	92.0	87.7	83.4	79.1	74.7	70.4	66.1	61.8	57.5	53.2
110°	88.1	86.9	82.8	78.6	74.4	70.2	66.0	61.8	57.6	53.4	49.2

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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°	83.1	81.9	77.9	73.9	69.8	65.8	61.8	57.7	53.7	49.7	45.6
115°	77.9	76.7	72.9	69.1	65.3	61.5	57.6	53.8	50.0	46.2	42.4
117.5°	73.1	71.8	68.2	64.6	60.9	57.3	53.6	50.0	46.3	42.7	39.0
120°	68.1	66.9	63.4	60.0	56.5	53.1	49.6	46.2	42.7	39.3	35.8
122.5°	63.1	61.8	58.6	55.4	52.1	48.9	45.7	42.5	39.2	36.0	32.8
125°	58.3	57.0	54.0	51.0	47.9	44.9	41.9	38.8	35.8	32.7	29.7
127.5°	53.6	52.3	49.5	46.6	43.8	41.0	38.1	35.3	32.4	29.6	26.7
130°	48.9	47.7	45.1	42.4	39.8	37.1	34.5	31.8	29.1	26.5	23.8
132.5°	44.4	43.2	40.7	38.3	35.9	33.5	31.0	28.6	26.2	23.8	21.3
135°	40.0	38.8	36.6	34.4	32.2	29.9	27.7	25.5	23.2	21.0	18.8
137.5°	35.7	34.6	32.6	30.5	28.5	26.5	24.5	22.5	20.5	18.4	16.4
140°	31.6	30.5	28.7	26.9	25.1	23.3	21.5	19.7	17.9	16.1	14.3
142.5°	27.7	26.7	25.1	23.5	21.9	20.3	18.7	17.1	15.5	13.9	12.3
145°	24.2	23.3	21.9	20.5	19.1	17.7	16.3	14.9	13.5	12.1	10.7
147.5°	21.0	20.2	18.9	17.7	16.4	15.2	13.9	12.7	11.5	10.2	9.0
150°	17.8	17.0	16.0	14.9	13.9	12.8	11.7	10.7	9.6	8.6	7.5
152.5°	14.8	14.1	13.2	12.3	11.4	10.5	9.6	8.7	7.9	7.0	6.1
155°	12.0	11.4	10.7	10.0	9.3	8.6	7.9	7.2	6.5	5.7	5.0
157.5°	9.3	8.9	8.3	7.7	7.1	6.6	6.0	5.4	4.9	4.3	3.7
160°	6.6	6.3	5.9	5.5	5.0	4.6	4.2	3.8	3.3	2.9	2.5
162.5°	3.3	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
165°	1.8	1.6	1.5	1.4	1.2	1.1	0.9	0.8	0.7	0.5	0.4
167.5°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	96.0	95.9	95.8	95.7	95.7	95.6	95.5	95.4	95.4	95.3	95.2
5°	100.3	100.1	100.0	99.8	99.7	99.5	99.4	99.2	99.1	98.9	98.7
7.5°	105.2	105.0	104.9	104.7	104.5	104.4	104.2	104.0	103.9	103.7	103.5
10°	110.7	110.5	110.3	110.1	109.9	109.7	109.5	109.4	109.2	109.0	108.8
12.5°	116.0	115.8	115.6	115.4	115.2	115.0	114.8	114.6	114.4	114.2	114.0
15°	121.3	121.1	120.9	120.7	120.5	120.3	120.0	119.8	119.6	119.4	119.2
17.5°	126.5	126.2	126.0	125.8	125.5	125.3	125.1	124.9	124.6	124.4	124.3
20°	131.3	131.1	130.8	130.6	130.4	130.1	129.9	129.7	129.4	129.2	129.0
22.5°	136.0	135.7	135.4	135.2	134.9	134.7	134.4	134.1	133.9	133.6	133.3
25°	140.1	139.6	139.1	138.6	138.2	137.7	137.2	136.7	136.2	135.8	135.5
27.5°	143.6	142.7	141.9	141.0	140.1	139.2	138.3	137.4	136.6	136.1	135.6
30°	145.7	144.4	143.0	141.7	140.4	139.1	137.8	136.5	135.2	134.6	134.0
32.5°	146.1	144.4	142.7	141.0	139.4	137.7	136.0	134.3	132.7	132.0	131.4
35°	145.5	143.5	141.4	139.4	137.3	135.3	133.3	131.2	129.2	128.5	127.8
37.5°	144.5	142.1	139.7	137.4	135.0	132.6	130.3	127.9	125.5	124.7	123.9
40°	143.3	140.6	137.9	135.2	132.5	129.8	127.1	124.4	121.7	120.8	119.8
42.5°	141.8	138.8	135.7	132.7	129.7	126.7	123.7	120.6	117.6	116.5	115.4
45°	140.2	136.9	133.6	130.2	126.9	123.6	120.3	116.9	113.6	112.3	111.0
47.5°	138.3	134.7	131.1	127.5	123.9	120.2	116.6	113.0	109.4	108.0	106.5
50°	136.2	132.3	128.4	124.5	120.7	116.8	112.9	109.0	105.1	103.5	102.0
52.5°	134.1	129.9	125.8	121.7	117.6	113.4	109.3	105.2	101.1	99.4	97.7
55°	131.6	127.2	122.9	118.6	114.3	109.9	105.6	101.3	97.0	95.2	93.5
57.5°	129.0	124.5	120.0	115.5	111.0	106.5	101.9	97.4	92.9	91.1	89.3
60°	126.1	121.4	116.7	112.1	107.4	102.7	98.0	93.3	88.7	86.8	84.9
62.5°	123.0	118.2	113.3	108.5	103.7	98.8	94.0	89.2	84.3	82.4	80.6
65°	119.7	114.7	109.7	104.8	99.8	94.8	89.9	84.9	79.9	78.0	76.0
67.5°	116.3	111.2	106.1	101.0	95.8	90.7	85.6	80.5	75.4	73.5	71.5
70°	112.5	107.3	102.1	96.9	91.7	86.5	81.3	76.1	70.9	68.9	67.0
72.5°	108.6	103.3	98.0	92.7	87.4	82.1	76.8	71.6	66.3	64.3	62.3
75°	104.5	99.1	93.7	88.4	83.0	77.7	72.3	67.0	61.6	59.7	57.7
77.5°	100.2	94.7	89.3	83.8	78.4	72.9	67.5	62.1	56.6	54.7	52.7
80°	95.6	90.2	84.7	79.3	73.8	68.3	62.9	57.4	51.9	50.0	48.1
82.5°	91.1	85.7	80.2	74.7	69.3	63.8	58.3	52.9	47.4	45.5	43.6
85°	86.5	81.0	75.6	70.1	64.7	59.3	53.8	48.4	42.9	41.1	39.3
87.5°	81.9	76.5	71.1	65.7	60.3	54.9	49.5	44.1	38.6	36.9	35.2
90°	77.1	71.8	66.5	61.1	55.8	50.5	45.2	39.9	34.6	33.0	31.4
92.5°	72.5	67.3	62.1	56.9	51.7	46.5	41.3	36.1	30.9	29.4	27.9
95°	68.3	63.2	58.1	53.0	47.9	42.8	37.7	32.6	27.5	26.1	24.7
97.5°	64.3	59.3	54.3	49.2	44.2	39.2	34.2	29.2	24.2	22.9	21.6
100°	60.3	55.5	50.6	45.7	40.9	36.0	31.2	26.3	21.5	20.2	19.0
102.5°	56.4	51.7	47.0	42.2	37.5	32.8	28.0	23.3	18.6	17.5	16.4
105°	52.6	48.0	43.4	38.9	34.3	29.7	25.1	20.6	16.0	15.0	14.0
107.5°	48.7	44.3	39.9	35.5	31.0	26.6	22.2	17.8	13.3	12.5	11.6
110°	45.0	40.7	36.5	32.2	28.0	23.7	19.5	15.2	11.0	10.2	9.5

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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°	41.6	37.5	33.4	29.3	25.2	21.1	17.0	12.9	8.8	8.2	7.5
115°	38.4	34.4	30.5	26.5	22.6	18.6	14.7	10.7	6.7	6.2	5.7
117.5°	35.3	31.6	27.9	24.1	20.4	16.7	13.0	9.2	5.5	5.0	4.5
120°	32.4	29.0	25.5	22.1	18.7	15.3	11.8	8.4	5.0	4.5	4.1
122.5°	29.5	26.3	23.1	19.8	16.6	13.4	10.1	6.9	3.7	3.4	3.1
125°	26.7	23.7	20.7	17.8	14.8	11.8	8.8	5.8	2.8	2.6	2.4
127.5°	24.0	21.3	18.5	15.8	13.1	10.3	7.6	4.8	2.1	2.0	1.8
130°	21.4	18.9	16.4	14.0	11.5	9.1	6.6	4.2	1.7	1.6	1.5
132.5°	19.1	16.8	14.5	12.3	10.0	7.8	5.5	3.2	1.0	0.9	0.9
135°	16.8	14.8	12.8	10.8	8.8	6.8	4.8	2.8	0.8	0.8	0.8
137.5°	14.7	12.9	11.2	9.5	7.7	6.0	4.3	2.5	0.8	0.8	0.7
140°	12.8	11.3	9.8	8.2	6.7	5.2	3.7	2.2	0.7	0.7	0.7
142.5°	11.0	9.7	8.4	7.1	5.7	4.4	3.1	1.8	0.5	0.5	0.5
145°	9.6	8.4	7.3	6.2	5.0	3.9	2.7	1.6	0.5	0.5	0.5
147.5°	8.0	7.1	6.1	5.2	4.2	3.3	2.3	1.4	0.5	0.5	0.5
150°	6.7	5.9	5.1	4.3	3.5	2.7	1.9	1.1	0.3	0.3	0.4
152.5°	5.4	4.8	4.2	3.5	2.9	2.2	1.6	1.0	0.3	0.3	0.4
155°	4.5	4.0	3.5	2.9	2.4	1.9	1.4	0.9	0.3	0.3	0.4
157.5°	3.3	3.0	2.6	2.2	1.8	1.5	1.1	0.7	0.3	0.3	0.4
160°	2.2	2.0	1.8	1.5	1.3	1.0	0.8	0.6	0.3	0.3	0.4
162.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.3	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P600774
 CATALOG NUMBER: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	95.1	95.0	94.9	94.8	94.8	94.7	94.6	94.5	94.4	94.4	94.3
5°	98.6	98.4	98.2	98.1	97.9	97.8	97.6	97.4	97.3	97.1	96.9
7.5°	103.3	103.1	102.9	102.7	102.6	102.4	102.2	102.0	101.8	101.5	101.3
10°	108.6	108.4	108.1	107.9	107.7	107.5	107.3	107.1	106.9	106.7	106.4
12.5°	113.8	113.6	113.4	113.2	113.0	112.8	112.6	112.4	112.2	111.9	111.7
15°	119.0	118.8	118.6	118.4	118.2	118.0	117.9	117.6	117.4	117.2	116.9
17.5°	124.1	123.9	123.7	123.5	123.4	123.2	123.0	122.8	122.5	122.3	122.1
20°	128.8	128.6	128.4	128.2	128.0	127.8	127.6	127.4	127.2	127.0	126.8
22.5°	133.1	132.8	132.5	132.2	132.0	131.7	131.4	131.3	131.2	131.1	131.1
25°	135.1	134.7	134.3	133.9	133.5	133.1	132.8	132.9	133.0	133.1	133.2
27.5°	135.1	134.6	134.1	133.6	133.1	132.7	132.2	132.5	132.8	133.1	133.4
30°	133.5	132.9	132.3	131.8	131.2	130.6	130.0	130.5	131.0	131.5	132.0
32.5°	130.7	130.1	129.5	128.8	128.2	127.5	126.9	127.6	128.2	128.9	129.5
35°	127.1	126.4	125.7	125.0	124.3	123.6	122.9	123.7	124.5	125.3	126.1
37.5°	123.1	122.2	121.4	120.6	119.8	119.0	118.2	119.1	120.1	121.0	122.0
40°	118.8	117.8	116.8	115.9	114.9	113.9	112.9	114.1	115.2	116.3	117.5
42.5°	114.2	113.1	112.0	110.8	109.7	108.6	107.4	108.8	110.1	111.5	112.8
45°	109.7	108.4	107.1	105.8	104.5	103.2	101.9	103.4	105.0	106.5	108.1
47.5°	105.1	103.6	102.2	100.7	99.3	97.8	96.4	98.1	99.9	101.7	103.4
50°	100.4	98.8	97.2	95.7	94.1	92.5	90.9	92.9	94.9	96.9	98.8
52.5°	96.1	94.4	92.7	91.1	89.4	87.7	86.0	88.2	90.3	92.4	94.5
55°	91.7	90.0	88.2	86.5	84.8	83.0	81.3	83.5	85.8	88.0	90.3
57.5°	87.5	85.7	83.9	82.1	80.3	78.5	76.8	79.1	81.5	83.8	86.2
60°	83.1	81.2	79.4	77.5	75.6	73.8	71.9	74.4	76.9	79.4	82.0
62.5°	78.7	76.8	74.9	73.0	71.1	69.2	67.3	69.9	72.5	75.1	77.8
65°	74.1	72.2	70.2	68.3	66.4	64.4	62.5	65.3	68.0	70.8	73.6
67.5°	69.6	67.6	65.7	63.7	61.8	59.8	57.9	60.7	63.6	66.4	69.3
70°	65.0	63.1	61.1	59.2	57.2	55.3	53.3	56.3	59.2	62.1	65.0
72.5°	60.4	58.4	56.5	54.5	52.6	50.6	48.6	51.6	54.6	57.6	60.6
75°	55.8	53.8	51.9	49.9	48.0	46.0	44.1	47.1	50.2	53.2	56.3
77.5°	50.8	48.9	47.0	45.0	43.1	41.2	39.2	42.4	45.5	48.6	51.7
80°	46.2	44.3	42.4	40.4	38.5	36.6	34.7	37.8	41.0	44.1	47.2
82.5°	41.8	39.9	38.0	36.2	34.3	32.4	30.5	33.7	36.8	40.0	43.1
85°	37.5	35.7	33.9	32.0	30.2	28.4	26.6	29.7	32.9	36.0	39.1
87.5°	33.4	31.7	30.0	28.3	26.5	24.8	23.1	26.1	29.2	32.3	35.3
90°	29.8	28.2	26.6	24.9	23.3	21.7	20.1	23.1	26.1	29.0	32.0
92.5°	26.3	24.8	23.3	21.8	20.3	18.8	17.3	20.2	23.1	26.0	28.9
95°	23.3	21.9	20.4	19.0	17.6	16.2	14.8	17.6	20.4	23.2	26.0
97.5°	20.3	19.0	17.8	16.5	15.2	13.9	12.6	15.3	18.0	20.7	23.4
100°	17.8	16.6	15.4	14.2	13.0	11.8	10.5	13.1	15.7	18.3	20.9
102.5°	15.3	14.2	13.1	12.0	10.9	9.8	8.7	11.2	13.7	16.2	18.7
105°	13.0	12.0	11.0	10.0	9.0	8.0	7.0	9.4	11.8	14.2	16.6
107.5°	10.8	9.9	9.1	8.2	7.3	6.5	5.6	7.9	10.2	12.5	14.8
110°	8.7	8.0	7.2	6.5	5.8	5.0	4.3	6.4	8.6	10.7	12.8

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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°	6.9	6.2	5.6	4.9	4.3	3.6	2.9	5.0	7.0	9.1	11.1
115°	5.1	4.6	4.0	3.5	2.9	2.4	1.8	3.7	5.6	7.5	9.5
117.5°	4.0	3.5	3.1	2.6	2.1	1.6	1.1	2.9	4.7	6.5	8.3
120°	3.6	3.2	2.7	2.3	1.8	1.4	0.9	2.6	4.2	5.9	7.6
122.5°	2.8	2.5	2.2	1.9	1.6	1.3	1.0	2.5	4.0	5.5	7.0
125°	2.2	1.9	1.7	1.5	1.3	1.1	0.9	2.2	3.6	5.0	6.4
127.5°	1.7	1.5	1.4	1.3	1.1	1.0	0.9	2.1	3.3	4.6	5.8
130°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	1.9	3.0	4.1	5.3
132.5°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	1.7	2.7	3.7	4.7
135°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5	2.4	3.3	4.2
137.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	1.4	2.1	2.9	3.7
140°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	1.2	1.9	2.6	3.2
142.5°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	1.1	1.7	2.2	2.8
145°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	1.0	1.5	1.9	2.4
147.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.2	1.6	1.9
150°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.8	1.1	1.3	1.6
152.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.3
155°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.8	0.9	1.0
157.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8
160°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
162.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
167.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
170°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
172.5°	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	94.2	94.2	94.1	94.0	93.9	93.9	93.8	93.7	93.6	93.6	93.5
5°	96.8	96.6	96.4	96.3	96.1	95.9	95.8	95.6	95.4	95.3	95.1
7.5°	101.1	100.9	100.7	100.5	100.3	100.0	99.8	99.5	99.2	99.0	98.7
10°	106.2	106.0	105.7	105.5	105.3	105.0	104.7	104.4	104.2	103.9	103.6
12.5°	111.4	111.2	111.0	110.7	110.5	110.2	110.0	109.7	109.4	109.1	108.9
15°	116.7	116.5	116.2	116.0	115.8	115.5	115.3	115.0	114.7	114.5	114.2
17.5°	121.8	121.6	121.4	121.1	120.9	120.7	120.4	120.2	120.0	119.7	119.5
20°	126.6	126.3	126.1	125.9	125.7	125.5	125.3	125.1	124.9	124.7	124.5
22.5°	131.0	130.9	130.8	130.7	130.6	130.4	130.2	130.1	129.9	129.7	129.5
25°	133.4	133.5	133.6	133.7	133.8	133.8	133.8	133.8	133.8	133.7	133.7
27.5°	133.7	134.0	134.3	134.6	134.9	135.3	135.7	136.0	136.4	136.7	137.1
30°	132.5	133.0	133.5	134.0	134.5	135.4	136.3	137.1	138.0	138.8	139.7
32.5°	130.2	130.8	131.5	132.1	132.8	134.1	135.5	136.9	138.2	139.6	141.0
35°	126.9	127.7	128.5	129.3	130.2	131.9	133.7	135.5	137.3	139.1	140.9
37.5°	122.9	123.9	124.9	125.8	126.8	129.0	131.2	133.4	135.6	137.8	140.0
40°	118.6	119.8	120.9	122.0	123.2	125.8	128.3	130.9	133.5	136.1	138.7
42.5°	114.2	115.5	116.9	118.2	119.6	122.5	125.5	128.4	131.3	134.3	137.2
45°	109.6	111.2	112.7	114.3	115.9	119.1	122.4	125.7	128.9	132.2	135.5
47.5°	105.2	107.0	108.7	110.5	112.3	115.8	119.4	123.0	126.6	130.2	133.8
50°	100.8	102.8	104.7	106.7	108.7	112.6	116.4	120.3	124.2	128.1	132.0
52.5°	96.6	98.7	100.8	102.9	105.1	109.2	113.4	117.5	121.7	125.9	130.0
55°	92.6	94.8	97.1	99.3	101.6	106.0	110.4	114.8	119.2	123.6	128.0
57.5°	88.5	90.9	93.3	95.6	98.0	102.6	107.3	111.9	116.5	121.2	125.8
60°	84.5	87.0	89.5	92.0	94.5	99.3	104.2	109.0	113.8	118.7	123.5
62.5°	80.4	83.0	85.6	88.2	90.9	95.9	100.9	105.9	110.9	116.0	121.0
65°	76.3	79.1	81.8	84.6	87.3	92.5	97.7	102.8	108.0	113.2	118.3
67.5°	72.1	75.0	77.9	80.7	83.6	88.9	94.2	99.5	104.8	110.1	115.4
70°	68.0	70.9	73.8	76.7	79.7	85.1	90.6	96.0	101.5	107.0	112.4
72.5°	63.6	66.6	69.6	72.6	75.6	81.2	86.8	92.4	98.0	103.5	109.1
75°	59.3	62.4	65.4	68.5	71.6	77.3	83.0	88.7	94.4	100.1	105.8
77.5°	54.8	58.0	61.1	64.2	67.3	73.1	78.9	84.7	90.5	96.3	102.1
80°	50.4	53.5	56.6	59.8	62.9	68.8	74.6	80.5	86.4	92.2	98.1
82.5°	46.2	49.4	52.5	55.7	58.8	64.7	70.6	76.5	82.4	88.3	94.2
85°	42.3	45.4	48.5	51.7	54.8	60.7	66.6	72.5	78.4	84.3	90.2
87.5°	38.4	41.5	44.6	47.6	50.7	56.6	62.5	68.4	74.3	80.1	86.0
90°	35.0	38.0	40.9	43.9	46.9	52.7	58.5	64.4	70.2	76.0	81.9
92.5°	31.7	34.6	37.5	40.4	43.3	49.0	54.8	60.5	66.2	72.0	77.7
95°	28.8	31.6	34.4	37.2	40.0	45.6	51.3	56.9	62.5	68.2	73.8
97.5°	26.1	28.8	31.5	34.2	36.9	42.4	47.9	53.5	59.0	64.5	70.1
100°	23.5	26.1	28.7	31.3	33.9	39.3	44.7	50.1	55.5	60.9	66.2
102.5°	21.2	23.6	26.1	28.6	31.1	36.4	41.6	46.9	52.1	57.4	62.6
105°	19.0	21.4	23.8	26.2	28.6	33.7	38.8	43.9	49.0	54.1	59.2
107.5°	17.1	19.3	21.6	23.9	26.2	31.1	36.1	41.0	46.0	50.9	55.9
110°	15.0	17.1	19.3	21.4	23.6	28.4	33.2	38.0	42.8	47.6	52.4

REPORT NUMBER: P600774
 CATALOG NUMBER: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	13.2	15.2	17.3	19.3	21.4	26.0	30.6	35.3	39.9	44.5	49.1
115°	11.4	13.3	15.2	17.1	19.0	23.4	27.9	32.4	36.9	41.3	45.8
117.5°	10.1	11.8	13.6	15.4	17.2	21.5	25.8	30.1	34.4	38.6	42.9
120°	9.2	10.9	12.6	14.2	15.9	19.9	24.0	28.0	32.0	36.1	40.1
122.5°	8.5	10.0	11.5	13.0	14.5	18.3	22.1	25.9	29.7	33.5	37.3
125°	7.8	9.1	10.5	11.9	13.3	16.8	20.4	23.9	27.5	31.0	34.5
127.5°	7.1	8.3	9.6	10.8	12.0	15.4	18.7	22.0	25.4	28.7	32.0
130°	6.4	7.5	8.6	9.7	10.9	14.0	17.0	20.1	23.2	26.3	29.4
132.5°	5.7	6.7	7.7	8.7	9.7	12.5	15.4	18.2	21.0	23.9	26.7
135°	5.1	6.0	6.9	7.8	8.6	11.2	13.8	16.4	19.0	21.6	24.2
137.5°	4.4	5.2	6.0	6.8	7.5	9.9	12.3	14.6	17.0	19.3	21.7
140°	3.9	4.5	5.2	5.8	6.5	8.6	10.8	12.9	15.0	17.2	19.3
142.5°	3.4	3.9	4.5	5.0	5.6	7.5	9.4	11.3	13.2	15.1	17.0
145°	2.8	3.3	3.7	4.2	4.6	6.3	8.0	9.7	11.4	13.1	14.8
147.5°	2.3	2.7	3.0	3.4	3.7	5.2	6.7	8.2	9.6	11.1	12.6
150°	1.9	2.1	2.4	2.7	2.9	4.2	5.5	6.7	8.0	9.2	10.5
152.5°	1.5	1.7	1.9	2.1	2.3	3.4	4.4	5.5	6.5	7.5	8.6
155°	1.1	1.3	1.4	1.5	1.6	2.5	3.4	4.2	5.1	5.9	6.8
157.5°	0.9	1.0	1.0	1.1	1.2	1.8	2.5	3.2	3.9	4.5	5.2
160°	0.7	0.7	0.8	0.8	0.9	1.3	1.8	2.3	2.8	3.3	3.8
162.5°	0.6	0.6	0.6	0.6	0.6	0.9	1.3	1.6	2.0	2.3	2.6
165°	0.5	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.3	1.5	1.7
167.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.9	1.0	1.1
170°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
172.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	93.4	93.4	93.3	93.2	93.1	93.1	93.0	93.0	92.9	92.8	92.8
5°	94.9	94.8	94.6	94.5	94.4	94.3	94.2	94.1	94.0	93.9	93.8
7.5°	98.5	98.2	97.9	97.8	97.6	97.4	97.3	97.1	96.9	96.8	96.6
10°	103.3	103.0	102.8	102.6	102.4	102.3	102.1	102.0	101.8	101.7	101.5
12.5°	108.6	108.3	108.1	107.9	107.7	107.6	107.4	107.2	107.1	106.9	106.7
15°	114.0	113.7	113.5	113.3	113.1	113.0	112.8	112.6	112.4	112.3	112.1
17.5°	119.2	119.0	118.8	118.6	118.5	118.3	118.2	118.0	117.8	117.7	117.5
20°	124.3	124.1	123.9	123.8	123.6	123.5	123.4	123.2	123.1	123.0	122.8
22.5°	129.4	129.2	129.0	128.9	128.8	128.6	128.5	128.4	128.2	128.1	128.0
25°	133.7	133.7	133.7	133.6	133.5	133.4	133.3	133.2	133.1	133.0	132.9
27.5°	137.4	137.8	138.2	138.1	138.0	138.0	137.9	137.8	137.7	137.7	137.6
30°	140.5	141.4	142.3	142.2	142.2	142.2	142.2	142.1	142.1	142.1	142.1
32.5°	142.3	143.7	145.1	145.2	145.3	145.4	145.6	145.7	145.8	145.9	146.0
35°	142.7	144.5	146.2	146.7	147.1	147.5	147.9	148.3	148.8	149.2	149.6
37.5°	142.2	144.4	146.6	147.3	148.1	148.9	149.6	150.4	151.2	151.9	152.7
40°	141.3	143.8	146.4	147.5	148.7	149.8	150.9	152.0	153.1	154.2	155.3
42.5°	140.2	143.1	146.0	147.5	149.0	150.4	151.9	153.3	154.8	156.3	157.7
45°	138.7	142.0	145.3	147.1	148.9	150.7	152.5	154.3	156.1	157.9	159.7
47.5°	137.4	141.0	144.6	146.7	148.8	150.9	153.0	155.1	157.2	159.3	161.5
50°	135.9	139.8	143.7	146.1	148.5	150.8	153.2	155.6	158.0	160.4	162.8
52.5°	134.2	138.3	142.5	145.1	147.8	150.4	153.1	155.7	158.3	161.0	163.6
55°	132.4	136.8	141.2	144.1	147.0	149.9	152.8	155.7	158.6	161.5	164.3
57.5°	130.5	135.1	139.7	142.8	145.9	149.0	152.1	155.2	158.3	161.4	164.5
60°	128.3	133.1	138.0	141.3	144.5	147.8	151.1	154.4	157.7	160.9	164.2
62.5°	126.0	131.0	136.1	139.5	143.0	146.4	149.9	153.3	156.8	160.2	163.7
65°	123.5	128.7	133.9	137.4	141.0	144.6	148.2	151.8	155.4	158.9	162.5
67.5°	120.7	126.1	131.4	135.1	138.8	142.6	146.3	150.0	153.8	157.5	161.3
70°	117.9	123.3	128.8	132.6	136.5	140.3	144.1	148.0	151.8	155.6	159.5
72.5°	114.7	120.3	125.9	129.8	133.7	137.7	141.6	145.5	149.4	153.4	157.3
75°	111.5	117.2	122.9	126.9	130.8	134.8	138.8	142.8	146.8	150.8	154.8
77.5°	107.8	113.6	119.4	123.5	127.6	131.6	135.7	139.7	143.8	147.9	151.9
80°	103.9	109.8	115.7	119.8	123.9	128.1	132.2	136.4	140.5	144.7	148.8
82.5°	100.1	106.0	111.9	116.1	120.3	124.4	128.6	132.8	137.0	141.2	145.3
85°	96.1	102.0	108.0	112.2	116.4	120.6	124.9	129.1	133.3	137.5	141.8
87.5°	91.9	97.8	103.7	108.0	112.2	116.5	120.8	125.0	129.3	133.6	137.9
90°	87.7	93.5	99.3	103.6	107.9	112.2	116.4	120.7	125.0	129.2	133.5
92.5°	83.4	89.1	94.9	99.1	103.4	107.6	111.9	116.1	120.4	124.6	128.9
95°	79.4	85.1	90.7	94.9	99.1	103.3	107.5	111.7	115.9	120.2	124.4
97.5°	75.6	81.1	86.6	90.8	94.9	99.0	103.2	107.3	111.4	115.5	119.7
100°	71.6	77.0	82.4	86.5	90.6	94.6	98.7	102.8	106.9	111.0	115.1
102.5°	67.9	73.1	78.4	82.4	86.4	90.4	94.4	98.4	102.4	106.4	110.4
105°	64.3	69.4	74.5	78.5	82.4	86.3	90.2	94.1	98.0	102.0	105.9
107.5°	60.8	65.7	70.7	74.5	78.3	82.1	85.9	89.8	93.6	97.4	101.2
110°	57.2	62.0	66.8	70.5	74.2	78.0	81.7	85.4	89.1	92.9	96.6

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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°	53.7	58.4	63.0	66.6	70.2	73.8	77.4	81.0	84.6	88.2	91.8
115°	50.3	54.8	59.2	62.7	66.2	69.7	73.2	76.7	80.1	83.6	87.1
117.5°	47.2	51.5	55.8	59.1	62.4	65.8	69.1	72.5	75.8	79.1	82.5
120°	44.1	48.1	52.2	55.4	58.5	61.7	64.9	68.1	71.2	74.4	77.6
122.5°	41.1	44.9	48.7	51.7	54.7	57.8	60.8	63.8	66.8	69.8	72.8
125°	38.1	41.6	45.2	48.0	50.9	53.8	56.7	59.5	62.4	65.3	68.1
127.5°	35.3	38.7	42.0	44.7	47.4	50.1	52.7	55.4	58.1	60.8	63.5
130°	32.5	35.6	38.7	41.2	43.7	46.2	48.7	51.2	53.7	56.2	58.7
132.5°	29.5	32.4	35.2	37.6	39.9	42.3	44.7	47.0	49.4	51.8	54.1
135°	26.8	29.4	32.0	34.2	36.4	38.6	40.8	43.0	45.2	47.4	49.6
137.5°	24.1	26.4	28.8	30.8	32.9	34.9	37.0	39.0	41.1	43.1	45.2
140°	21.4	23.6	25.7	27.6	29.5	31.4	33.3	35.2	37.1	39.0	40.9
142.5°	18.9	20.8	22.7	24.4	26.2	27.9	29.6	31.3	33.1	34.8	36.5
145°	16.4	18.1	19.8	21.4	23.0	24.5	26.1	27.7	29.2	30.8	32.4
147.5°	14.1	15.5	17.0	18.4	19.8	21.2	22.6	24.0	25.4	26.8	28.2
150°	11.7	13.0	14.3	15.5	16.8	18.0	19.3	20.5	21.8	23.0	24.3
152.5°	9.6	10.7	11.7	12.8	14.0	15.1	16.2	17.3	18.4	19.6	20.7
155°	7.6	8.5	9.4	10.3	11.3	12.3	13.2	14.2	15.2	16.2	17.1
157.5°	5.9	6.5	7.2	8.0	8.8	9.7	10.5	11.3	12.1	13.0	13.8
160°	4.3	4.8	5.3	6.0	6.6	7.3	8.0	8.7	9.3	10.0	10.7
162.5°	3.0	3.3	3.7	4.2	4.7	5.3	5.8	6.3	6.9	7.4	7.9
165°	1.9	2.2	2.4	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.4
167.5°	1.2	1.3	1.4	1.6	1.9	2.1	2.4	2.6	2.9	3.2	3.4
170°	0.7	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.8	1.9
172.5°	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	92.7	92.7	92.6	92.6	92.6	92.6	92.6	92.5	92.5	92.5	92.5
5°	93.7	93.6	93.6	93.5	93.5	93.4	93.4	93.3	93.3	93.2	93.2
7.5°	96.4	96.4	96.3	96.3	96.2	96.2	96.1	96.1	96.1	96.0	96.1
10°	101.4	101.3	101.2	101.1	101.0	101.0	100.9	100.8	100.7	100.6	100.7
12.5°	106.6	106.5	106.4	106.3	106.3	106.2	106.1	106.0	106.0	105.9	106.0
15°	111.9	111.8	111.8	111.7	111.6	111.5	111.5	111.4	111.3	111.2	111.3
17.5°	117.4	117.3	117.3	117.2	117.2	117.1	117.0	117.0	116.9	116.9	116.9
20°	122.7	122.6	122.6	122.5	122.5	122.4	122.4	122.3	122.3	122.2	122.3
22.5°	127.9	127.8	127.8	127.7	127.6	127.6	127.5	127.5	127.4	127.4	127.4
25°	132.8	132.8	132.7	132.7	132.6	132.6	132.6	132.5	132.5	132.4	132.5
27.5°	137.5	137.5	137.4	137.4	137.4	137.3	137.3	137.2	137.2	137.1	137.2
30°	142.0	142.0	142.0	142.0	141.9	141.9	141.9	141.9	141.9	141.8	141.9
32.5°	146.2	146.1	146.1	146.1	146.1	146.1	146.1	146.1	146.0	146.0	146.1
35°	150.0	150.0	150.0	150.0	150.0	150.0	149.9	149.9	149.9	149.9	150.0
37.5°	153.5	153.5	153.5	153.5	153.4	153.4	153.4	153.4	153.4	153.4	153.5
40°	156.4	156.5	156.5	156.5	156.5	156.5	156.6	156.6	156.6	156.6	156.7
42.5°	159.2	159.2	159.2	159.2	159.3	159.3	159.3	159.3	159.3	159.4	159.4
45°	161.5	161.6	161.6	161.6	161.7	161.7	161.7	161.8	161.8	161.8	161.9
47.5°	163.6	163.6	163.6	163.7	163.7	163.7	163.8	163.8	163.8	163.9	164.0
50°	165.2	165.2	165.3	165.3	165.4	165.4	165.5	165.5	165.6	165.6	165.7
52.5°	166.3	166.3	166.4	166.5	166.6	166.6	166.7	166.8	166.9	167.0	167.1
55°	167.2	167.3	167.3	167.4	167.5	167.5	167.6	167.6	167.7	167.8	167.9
57.5°	167.6	167.6	167.7	167.8	167.9	168.0	168.0	168.1	168.2	168.3	168.4
60°	167.5	167.6	167.7	167.8	167.9	168.0	168.1	168.1	168.2	168.3	168.5
62.5°	167.1	167.2	167.3	167.4	167.4	167.5	167.6	167.7	167.8	167.9	168.0
65°	166.1	166.2	166.3	166.4	166.5	166.6	166.7	166.8	166.9	167.0	167.2
67.5°	165.0	165.1	165.2	165.3	165.3	165.4	165.5	165.6	165.7	165.8	166.0
70°	163.3	163.4	163.5	163.6	163.7	163.8	163.9	164.0	164.1	164.2	164.3
72.5°	161.2	161.3	161.4	161.5	161.6	161.7	161.8	161.9	162.0	162.1	162.3
75°	158.8	158.9	159.0	159.1	159.2	159.3	159.4	159.5	159.6	159.7	159.9
77.5°	156.0	156.1	156.3	156.4	156.5	156.6	156.7	156.9	157.0	157.1	157.3
80°	153.0	153.1	153.2	153.3	153.5	153.6	153.7	153.9	154.0	154.1	154.3
82.5°	149.5	149.7	149.8	150.0	150.2	150.3	150.5	150.6	150.8	150.9	151.1
85°	146.0	146.2	146.4	146.5	146.7	146.9	147.1	147.3	147.5	147.7	147.8
87.5°	142.1	142.3	142.6	142.8	143.0	143.2	143.4	143.7	143.9	144.1	144.3
90°	137.8	138.1	138.4	138.7	139.0	139.3	139.6	139.9	140.2	140.5	140.7
92.5°	133.1	133.5	133.9	134.3	134.7	135.1	135.5	135.9	136.3	136.8	137.0
95°	128.6	129.0	129.5	130.0	130.5	130.9	131.4	131.9	132.4	132.8	133.1
97.5°	123.8	124.4	124.9	125.5	126.0	126.6	127.2	127.7	128.3	128.8	129.2
100°	119.2	119.8	120.4	121.0	121.7	122.3	122.9	123.5	124.2	124.8	125.2
102.5°	114.4	115.1	115.9	116.6	117.3	118.0	118.7	119.4	120.1	120.9	121.3
105°	109.8	110.6	111.3	112.1	112.9	113.6	114.4	115.2	116.0	116.7	117.2
107.5°	105.0	105.9	106.7	107.6	108.4	109.3	110.2	111.0	111.9	112.7	113.2
110°	100.3	101.2	102.1	103.0	103.9	104.8	105.7	106.6	107.5	108.4	108.9

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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°	95.4	96.4	97.4	98.3	99.3	100.3	101.2	102.2	103.1	104.1	104.6
115°	90.6	91.6	92.6	93.7	94.7	95.7	96.7	97.7	98.8	99.8	100.3
117.5°	85.8	86.9	87.9	88.9	90.0	91.0	92.0	93.1	94.1	95.1	95.7
120°	80.8	81.9	82.9	84.0	85.1	86.2	87.3	88.3	89.4	90.5	91.0
122.5°	75.9	77.0	78.1	79.2	80.3	81.4	82.5	83.6	84.7	85.8	86.4
125°	71.0	72.1	73.2	74.3	75.4	76.5	77.6	78.7	79.8	80.9	81.5
127.5°	66.2	67.3	68.4	69.5	70.6	71.7	72.7	73.8	74.9	76.0	76.6
130°	61.2	62.3	63.4	64.6	65.7	66.8	67.9	69.0	70.1	71.3	71.8
132.5°	56.5	57.6	58.7	59.8	60.9	61.9	63.0	64.1	65.2	66.3	66.9
135°	51.8	52.9	54.0	55.0	56.1	57.2	58.2	59.3	60.4	61.4	62.0
137.5°	47.2	48.3	49.3	50.3	51.4	52.4	53.5	54.5	55.5	56.6	57.1
140°	42.8	43.8	44.8	45.8	46.8	47.8	48.8	49.8	50.9	51.9	52.4
142.5°	38.2	39.2	40.2	41.2	42.2	43.2	44.2	45.1	46.1	47.1	47.6
145°	33.9	34.9	35.8	36.8	37.7	38.7	39.6	40.6	41.5	42.5	42.9
147.5°	29.6	30.5	31.4	32.3	33.2	34.2	35.1	36.0	36.9	37.8	38.3
150°	25.5	26.4	27.2	28.1	28.9	29.7	30.6	31.4	32.3	33.1	33.5
152.5°	21.8	22.6	23.3	24.0	24.8	25.5	26.3	27.0	27.8	28.5	28.9
155°	18.1	18.8	19.4	20.1	20.8	21.5	22.2	22.8	23.5	24.2	24.6
157.5°	14.6	15.2	15.8	16.4	17.1	17.7	18.3	18.9	19.5	20.1	20.5
160°	11.3	11.9	12.4	12.9	13.5	14.0	14.5	15.1	15.6	16.1	16.4
162.5°	8.4	8.9	9.3	9.8	10.2	10.6	11.1	11.5	12.0	12.4	12.7
165°	5.8	6.2	6.5	6.9	7.2	7.6	7.9	8.3	8.7	9.0	9.2
167.5°	3.7	3.9	4.2	4.4	4.7	4.9	5.2	5.5	5.7	6.0	6.1
170°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.6
172.5°	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
175°	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
177.5°	0.4	0.4	0.4	0.4	0.4	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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
5°	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.6	93.7	93.8
7.5°	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.6	96.7	96.8	97.0
10°	100.7	100.8	100.8	100.9	100.9	101.0	101.0	101.1	101.3	101.5	101.7
12.5°	106.0	106.1	106.2	106.3	106.3	106.4	106.5	106.6	106.7	106.9	107.0
15°	111.4	111.5	111.6	111.6	111.7	111.8	111.9	112.0	112.1	112.3	112.4
17.5°	117.0	117.1	117.1	117.2	117.3	117.3	117.4	117.5	117.6	117.8	117.9
20°	122.3	122.4	122.4	122.4	122.5	122.5	122.6	122.6	122.8	122.9	123.1
22.5°	127.5	127.5	127.6	127.6	127.6	127.7	127.7	127.8	127.9	128.1	128.3
25°	132.5	132.6	132.6	132.7	132.7	132.8	132.8	132.9	133.0	133.2	133.3
27.5°	137.3	137.3	137.4	137.5	137.5	137.6	137.7	137.7	137.9	138.0	138.1
30°	141.9	142.0	142.0	142.1	142.1	142.1	142.2	142.2	142.4	142.5	142.7
32.5°	146.1	146.2	146.2	146.3	146.3	146.4	146.4	146.5	146.6	146.8	147.0
35°	150.0	150.1	150.2	150.2	150.3	150.4	150.4	150.5	150.6	150.8	151.0
37.5°	153.5	153.6	153.6	153.7	153.8	153.8	153.9	153.9	154.1	154.3	154.5
40°	156.7	156.8	156.9	156.9	157.0	157.0	157.1	157.2	157.3	157.5	157.7
42.5°	159.5	159.6	159.7	159.8	159.8	159.9	160.0	160.1	160.3	160.5	160.7
45°	162.0	162.1	162.2	162.2	162.3	162.4	162.5	162.6	162.8	163.0	163.2
47.5°	164.1	164.2	164.3	164.4	164.5	164.6	164.7	164.8	165.0	165.2	165.4
50°	165.9	166.0	166.1	166.2	166.3	166.4	166.5	166.6	166.8	167.0	167.2
52.5°	167.2	167.3	167.4	167.5	167.6	167.7	167.8	167.9	168.1	168.3	168.5
55°	168.0	168.1	168.3	168.4	168.5	168.6	168.8	168.9	169.1	169.3	169.5
57.5°	168.5	168.7	168.8	168.9	169.0	169.2	169.3	169.4	169.6	169.8	170.0
60°	168.6	168.7	168.8	169.0	169.1	169.2	169.3	169.5	169.7	169.9	170.1
62.5°	168.2	168.3	168.4	168.6	168.7	168.9	169.0	169.1	169.3	169.5	169.7
65°	167.3	167.5	167.7	167.8	168.0	168.1	168.3	168.4	168.6	168.8	169.0
67.5°	166.1	166.3	166.5	166.6	166.8	167.0	167.1	167.3	167.5	167.7	167.9
70°	164.5	164.7	164.9	165.0	165.2	165.4	165.6	165.7	165.9	166.1	166.3
72.5°	162.5	162.7	162.9	163.0	163.2	163.4	163.6	163.8	164.0	164.1	164.3
75°	160.1	160.3	160.5	160.7	160.9	161.1	161.3	161.5	161.6	161.8	162.0
77.5°	157.5	157.6	157.8	158.0	158.2	158.4	158.5	158.7	158.9	159.0	159.2
80°	154.5	154.7	154.9	155.1	155.3	155.5	155.6	155.8	156.0	156.1	156.3
82.5°	151.3	151.5	151.7	151.9	152.1	152.3	152.4	152.6	152.8	153.0	153.2
85°	148.0	148.2	148.4	148.6	148.8	149.0	149.2	149.4	149.5	149.7	149.9
87.5°	144.5	144.8	145.0	145.2	145.4	145.6	145.9	146.1	146.2	146.4	146.6
90°	141.0	141.2	141.4	141.7	141.9	142.1	142.4	142.6	142.8	143.0	143.1
92.5°	137.3	137.6	137.9	138.2	138.4	138.7	139.0	139.3	139.4	139.6	139.7
95°	133.4	133.7	134.0	134.3	134.6	134.9	135.2	135.5	135.7	135.9	136.1
97.5°	129.5	129.8	130.2	130.5	130.8	131.2	131.5	131.8	132.0	132.2	132.4
100°	125.5	125.9	126.3	126.6	127.0	127.4	127.7	128.1	128.3	128.5	128.7
102.5°	121.7	122.1	122.5	122.8	123.2	123.6	124.0	124.4	124.6	124.9	125.1
105°	117.6	118.1	118.5	119.0	119.4	119.9	120.3	120.8	121.0	121.2	121.4
107.5°	113.6	114.1	114.5	115.0	115.4	115.9	116.3	116.8	117.0	117.2	117.4
110°	109.4	109.8	110.3	110.8	111.2	111.7	112.2	112.7	112.9	113.1	113.3

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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°	105.1	105.6	106.0	106.5	107.0	107.5	108.0	108.5	108.7	108.9	109.1
115°	100.8	101.3	101.7	102.2	102.7	103.2	103.7	104.2	104.4	104.6	104.8
117.5°	96.2	96.7	97.2	97.7	98.3	98.8	99.3	99.8	100.0	100.2	100.4
120°	91.6	92.1	92.7	93.2	93.7	94.3	94.8	95.4	95.6	95.8	96.0
122.5°	86.9	87.5	88.0	88.5	89.1	89.6	90.2	90.7	90.9	91.1	91.4
125°	82.1	82.7	83.2	83.8	84.4	85.0	85.6	86.1	86.4	86.6	86.8
127.5°	77.2	77.7	78.3	78.9	79.5	80.0	80.6	81.2	81.4	81.6	81.9
130°	72.4	73.0	73.5	74.1	74.7	75.3	75.8	76.4	76.6	76.8	77.0
132.5°	67.4	68.0	68.6	69.1	69.7	70.3	70.9	71.4	71.6	71.9	72.1
135°	62.5	63.1	63.6	64.2	64.7	65.3	65.8	66.4	66.6	66.8	67.0
137.5°	57.6	58.2	58.7	59.2	59.8	60.3	60.8	61.3	61.5	61.8	62.0
140°	52.9	53.4	53.9	54.4	54.9	55.4	55.9	56.4	56.6	56.8	57.0
142.5°	48.1	48.6	49.1	49.6	50.1	50.6	51.1	51.6	51.8	51.9	52.1
145°	43.4	43.9	44.3	44.8	45.3	45.7	46.2	46.7	46.8	47.0	47.2
147.5°	38.8	39.2	39.7	40.2	40.6	41.1	41.6	42.0	42.2	42.3	42.4
150°	34.0	34.4	34.9	35.3	35.8	36.2	36.7	37.1	37.3	37.4	37.5
152.5°	29.4	29.8	30.2	30.6	31.1	31.5	31.9	32.3	32.5	32.6	32.7
155°	25.0	25.3	25.7	26.1	26.5	26.8	27.2	27.6	27.7	27.8	27.9
157.5°	20.8	21.1	21.4	21.8	22.1	22.4	22.7	23.1	23.1	23.2	23.3
160°	16.7	17.0	17.3	17.6	17.9	18.2	18.4	18.7	18.8	18.9	19.0
162.5°	12.9	13.2	13.4	13.7	13.9	14.2	14.4	14.7	14.8	14.8	14.9
165°	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	10.9	10.9	11.0
167.5°	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.4	7.5	7.5
170°	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.6
172.5°	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.2	2.3	2.3
175°	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	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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 CATALOG NUMBER: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.1	93.2	93.2	93.3
5°	93.8	93.9	94.0	94.1	94.2	94.3	94.5	94.6	94.8	95.0	95.1
7.5°	97.1	97.3	97.4	97.5	97.7	97.8	98.1	98.3	98.5	98.8	99.0
10°	101.9	102.1	102.3	102.4	102.6	102.8	103.1	103.3	103.5	103.7	104.0
12.5°	107.2	107.4	107.5	107.7	107.8	108.0	108.3	108.5	108.7	109.0	109.2
15°	112.6	112.7	112.9	113.0	113.2	113.4	113.6	113.9	114.1	114.4	114.6
17.5°	118.1	118.2	118.4	118.5	118.7	118.8	119.1	119.3	119.6	119.8	120.0
20°	123.2	123.4	123.5	123.7	123.8	124.0	124.2	124.5	124.7	125.0	125.2
22.5°	128.4	128.6	128.7	128.9	129.1	129.2	129.4	129.7	129.9	130.1	130.3
25°	133.5	133.6	133.8	133.9	134.0	134.2	134.4	134.6	134.8	135.0	135.3
27.5°	138.3	138.4	138.5	138.7	138.8	139.0	139.2	139.4	139.6	139.9	140.1
30°	142.8	142.9	143.1	143.2	143.4	143.5	143.7	144.0	144.2	144.4	144.6
32.5°	147.1	147.3	147.4	147.6	147.7	147.9	148.1	148.3	148.5	148.7	148.9
35°	151.1	151.3	151.5	151.6	151.8	151.9	152.1	152.3	152.5	152.7	152.9
37.5°	154.7	154.9	155.1	155.3	155.5	155.7	155.8	155.9	156.0	156.2	156.3
40°	157.9	158.1	158.3	158.5	158.7	158.9	159.0	159.1	159.2	159.3	159.4
42.5°	160.9	161.1	161.3	161.5	161.7	161.9	162.0	162.0	162.1	162.2	162.2
45°	163.4	163.6	163.8	164.1	164.3	164.5	164.5	164.5	164.5	164.5	164.6
47.5°	165.6	165.8	166.0	166.2	166.4	166.6	166.6	166.6	166.5	166.5	166.5
50°	167.4	167.6	167.8	168.0	168.2	168.4	168.4	168.3	168.3	168.3	168.2
52.5°	168.7	168.9	169.1	169.3	169.5	169.7	169.7	169.6	169.5	169.5	169.4
55°	169.7	169.9	170.1	170.3	170.5	170.7	170.6	170.5	170.5	170.4	170.3
57.5°	170.2	170.4	170.6	170.8	171.0	171.2	171.1	171.0	170.9	170.8	170.7
60°	170.3	170.4	170.6	170.8	171.0	171.2	171.1	171.0	170.9	170.8	170.7
62.5°	169.9	170.1	170.3	170.5	170.6	170.8	170.7	170.6	170.5	170.4	170.3
65°	169.2	169.4	169.6	169.8	170.0	170.2	170.0	169.9	169.8	169.6	169.5
67.5°	168.0	168.2	168.4	168.6	168.8	168.9	168.8	168.7	168.6	168.4	168.3
70°	166.5	166.6	166.8	167.0	167.2	167.4	167.2	167.1	166.9	166.8	166.7
72.5°	164.5	164.7	164.8	165.0	165.2	165.4	165.2	165.1	164.9	164.8	164.6
75°	162.1	162.3	162.4	162.6	162.8	162.9	162.8	162.6	162.5	162.4	162.2
77.5°	159.4	159.5	159.7	159.9	160.0	160.2	160.0	159.9	159.7	159.6	159.4
80°	156.5	156.6	156.8	156.9	157.1	157.2	157.1	157.0	156.8	156.7	156.6
82.5°	153.3	153.5	153.7	153.9	154.1	154.2	154.1	154.0	153.8	153.7	153.6
85°	150.1	150.3	150.4	150.6	150.8	151.0	150.8	150.7	150.6	150.4	150.3
87.5°	146.7	146.9	147.1	147.2	147.4	147.6	147.4	147.3	147.2	147.1	146.9
90°	143.3	143.5	143.7	143.8	144.0	144.2	144.1	143.9	143.8	143.7	143.6
92.5°	139.9	140.0	140.2	140.3	140.5	140.7	140.5	140.4	140.3	140.2	140.0
95°	136.3	136.5	136.7	136.8	137.0	137.2	137.1	137.0	136.9	136.8	136.6
97.5°	132.6	132.8	133.0	133.2	133.4	133.6	133.5	133.4	133.3	133.2	133.1
100°	128.9	129.1	129.3	129.5	129.7	129.9	129.8	129.7	129.7	129.6	129.5
102.5°	125.3	125.5	125.7	125.9	126.1	126.3	126.2	126.1	126.1	126.0	125.9
105°	121.6	121.8	122.0	122.2	122.4	122.6	122.5	122.4	122.3	122.2	122.2
107.5°	117.7	117.9	118.1	118.3	118.6	118.8	118.7	118.6	118.5	118.4	118.3
110°	113.6	113.8	114.0	114.3	114.5	114.7	114.6	114.5	114.5	114.4	114.3

REPORT NUMBER: P600774
 CATALOG NUMBER: FE12S40FDB

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	109.3	109.5	109.8	110.0	110.2	110.4	110.3	110.2	110.1	110.0	109.9
115°	105.0	105.2	105.5	105.7	105.9	106.1	106.0	105.9	105.8	105.7	105.6
117.5°	100.7	100.9	101.1	101.3	101.5	101.7	101.6	101.5	101.4	101.3	101.2
120°	96.2	96.5	96.7	96.9	97.1	97.3	97.2	97.1	97.0	96.9	96.8
122.5°	91.6	91.8	92.0	92.2	92.4	92.6	92.5	92.4	92.4	92.3	92.2
125°	87.1	87.3	87.5	87.8	88.0	88.2	88.1	88.0	87.9	87.8	87.7
127.5°	82.1	82.3	82.5	82.8	83.0	83.2	83.1	83.0	83.0	82.9	82.8
130°	77.2	77.5	77.7	77.9	78.1	78.3	78.2	78.1	78.0	77.9	77.8
132.5°	72.3	72.5	72.7	73.0	73.2	73.4	73.3	73.2	73.1	73.0	72.9
135°	67.2	67.4	67.7	67.9	68.1	68.3	68.2	68.1	68.0	67.9	67.8
137.5°	62.2	62.4	62.6	62.8	63.0	63.2	63.1	63.0	62.9	62.8	62.8
140°	57.1	57.3	57.5	57.7	57.9	58.1	58.0	58.0	57.9	57.8	57.7
142.5°	52.3	52.5	52.7	52.9	53.0	53.2	53.1	53.1	53.0	52.9	52.8
145°	47.3	47.5	47.7	47.8	48.0	48.2	48.1	48.0	47.9	47.8	47.7
147.5°	42.6	42.7	42.8	42.9	43.1	43.2	43.1	43.0	43.0	42.9	42.8
150°	37.7	37.8	37.9	38.1	38.2	38.3	38.2	38.1	38.1	38.0	37.9
152.5°	32.8	33.0	33.1	33.2	33.3	33.5	33.4	33.3	33.2	33.1	33.0
155°	28.1	28.2	28.3	28.4	28.5	28.6	28.6	28.5	28.4	28.3	28.3
157.5°	23.4	23.5	23.6	23.7	23.8	23.9	23.9	23.8	23.7	23.6	23.5
160°	19.1	19.2	19.3	19.4	19.5	19.6	19.6	19.5	19.4	19.3	19.3
162.5°	15.0	15.1	15.1	15.2	15.3	15.4	15.3	15.2	15.2	15.1	15.1
165°	11.1	11.1	11.2	11.3	11.3	11.4	11.3	11.3	11.2	11.1	11.1
167.5°	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.7	7.7	7.6	7.6
170°	4.6	4.6	4.7	4.7	4.7	4.8	4.7	4.7	4.6	4.6	4.5
172.5°	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.3	2.3	2.3
175°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
177.5°	0.4	0.4	0.4	0.4	0.4	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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2.5°	93.4	93.5	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.1	94.2
5°	95.3	95.5	95.6	95.8	96.0	96.2	96.4	96.6	96.8	96.9	97.1
7.5°	99.2	99.5	99.7	99.9	100.1	100.4	100.6	100.8	101.1	101.3	101.5
10°	104.2	104.4	104.6	104.9	105.1	105.4	105.6	105.9	106.1	106.4	106.6
12.5°	109.5	109.7	109.9	110.2	110.4	110.7	110.9	111.2	111.4	111.7	111.9
15°	114.9	115.1	115.4	115.6	115.9	116.1	116.4	116.6	116.8	117.1	117.3
17.5°	120.3	120.5	120.7	121.0	121.2	121.4	121.6	121.9	122.1	122.3	122.5
20°	125.5	125.7	125.9	126.2	126.4	126.6	126.8	127.0	127.2	127.5	127.7
22.5°	130.5	130.8	131.0	131.2	131.4	131.6	131.8	132.0	132.2	132.4	132.6
25°	135.5	135.7	135.9	136.1	136.3	136.5	136.7	136.9	137.1	137.4	137.6
27.5°	140.3	140.5	140.8	141.0	141.2	141.4	141.6	141.7	141.9	142.1	142.3
30°	144.8	145.1	145.3	145.5	145.7	145.9	146.0	146.2	146.4	146.6	146.8
32.5°	149.1	149.3	149.5	149.7	149.8	150.0	150.2	150.4	150.5	150.7	150.9
35°	153.0	153.2	153.4	153.6	153.7	153.8	154.0	154.1	154.2	154.3	154.5
37.5°	156.4	156.6	156.7	156.8	156.9	157.0	157.1	157.2	157.3	157.4	157.5
40°	159.5	159.6	159.7	159.8	159.9	160.0	160.0	160.1	160.1	160.2	160.3
42.5°	162.3	162.3	162.4	162.5	162.5	162.5	162.5	162.6	162.6	162.6	162.7
45°	164.6	164.6	164.6	164.6	164.6	164.6	164.7	164.7	164.7	164.7	164.7
47.5°	166.5	166.5	166.5	166.5	166.5	166.5	166.4	166.4	166.4	166.4	166.4
50°	168.2	168.1	168.1	168.1	168.0	168.0	167.9	167.9	167.8	167.7	167.7
52.5°	169.4	169.3	169.2	169.2	169.1	169.0	168.9	168.9	168.8	168.7	168.6
55°	170.2	170.1	170.1	170.0	169.9	169.8	169.7	169.6	169.5	169.4	169.3
57.5°	170.7	170.6	170.5	170.4	170.3	170.1	170.0	169.9	169.7	169.6	169.4
60°	170.6	170.5	170.4	170.3	170.2	170.0	169.9	169.7	169.6	169.5	169.3
62.5°	170.2	170.1	170.0	169.9	169.7	169.5	169.4	169.2	169.0	168.9	168.7
65°	169.4	169.2	169.1	169.0	168.8	168.6	168.5	168.3	168.1	168.0	167.8
67.5°	168.2	168.0	167.9	167.8	167.6	167.4	167.2	167.0	166.8	166.6	166.4
70°	166.5	166.4	166.2	166.1	165.9	165.7	165.5	165.3	165.1	164.9	164.6
72.5°	164.5	164.3	164.2	164.1	163.8	163.6	163.4	163.1	162.9	162.7	162.5
75°	162.1	161.9	161.8	161.6	161.4	161.2	160.9	160.7	160.5	160.2	160.0
77.5°	159.3	159.1	159.0	158.8	158.6	158.4	158.2	157.9	157.7	157.5	157.3
80°	156.4	156.3	156.2	156.0	155.8	155.6	155.3	155.1	154.9	154.6	154.4
82.5°	153.4	153.3	153.2	153.0	152.8	152.5	152.3	152.0	151.8	151.5	151.3
85°	150.2	150.0	149.9	149.8	149.5	149.2	149.0	148.7	148.5	148.2	148.0
87.5°	146.8	146.7	146.5	146.4	146.1	145.9	145.6	145.4	145.1	144.9	144.6
90°	143.5	143.3	143.2	143.1	142.8	142.6	142.3	142.0	141.8	141.5	141.2
92.5°	139.9	139.8	139.7	139.5	139.3	139.1	138.8	138.6	138.3	138.1	137.9
95°	136.5	136.4	136.3	136.2	135.9	135.7	135.4	135.2	134.9	134.6	134.4
97.5°	132.9	132.8	132.7	132.6	132.4	132.1	131.9	131.7	131.4	131.2	130.9
100°	129.4	129.3	129.2	129.2	128.9	128.6	128.4	128.1	127.8	127.6	127.3
102.5°	125.8	125.8	125.7	125.6	125.3	125.0	124.8	124.5	124.2	123.9	123.6
105°	122.1	122.0	121.9	121.8	121.5	121.2	120.9	120.7	120.4	120.1	119.8
107.5°	118.2	118.1	118.0	117.9	117.6	117.3	117.0	116.8	116.5	116.2	115.9
110°	114.2	114.1	114.0	113.9	113.6	113.3	113.1	112.8	112.5	112.2	111.9

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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°	109.8	109.7	109.6	109.6	109.3	109.0	108.7	108.5	108.2	107.9	107.7
115°	105.5	105.4	105.3	105.2	105.0	104.7	104.4	104.2	103.9	103.6	103.4
117.5°	101.1	101.0	100.9	100.9	100.6	100.3	100.0	99.7	99.5	99.2	98.9
120°	96.7	96.6	96.5	96.4	96.1	95.8	95.6	95.3	95.0	94.7	94.4
122.5°	92.1	92.0	91.9	91.8	91.5	91.3	91.0	90.7	90.4	90.1	89.8
125°	87.6	87.5	87.4	87.3	87.0	86.6	86.3	86.0	85.7	85.4	85.1
127.5°	82.7	82.6	82.5	82.4	82.1	81.8	81.5	81.2	81.0	80.7	80.4
130°	77.7	77.6	77.5	77.4	77.1	76.9	76.6	76.3	76.0	75.8	75.5
132.5°	72.9	72.8	72.7	72.6	72.3	72.0	71.7	71.4	71.1	70.8	70.6
135°	67.7	67.7	67.6	67.5	67.2	66.9	66.6	66.4	66.1	65.8	65.5
137.5°	62.7	62.6	62.5	62.4	62.1	61.8	61.6	61.3	61.0	60.7	60.4
140°	57.6	57.6	57.5	57.4	57.1	56.9	56.6	56.3	56.1	55.8	55.5
142.5°	52.7	52.7	52.6	52.5	52.2	51.9	51.6	51.4	51.1	50.8	50.5
145°	47.6	47.6	47.5	47.4	47.1	46.8	46.5	46.3	46.0	45.7	45.4
147.5°	42.7	42.6	42.5	42.4	42.2	41.9	41.6	41.4	41.1	40.8	40.5
150°	37.8	37.7	37.6	37.6	37.3	37.0	36.7	36.5	36.2	35.9	35.6
152.5°	32.9	32.8	32.8	32.7	32.4	32.1	31.8	31.5	31.3	31.0	30.7
155°	28.2	28.1	28.0	27.9	27.7	27.4	27.1	26.8	26.5	26.2	26.0
157.5°	23.5	23.4	23.3	23.2	23.0	22.7	22.4	22.2	21.9	21.7	21.4
160°	19.2	19.1	19.1	19.0	18.7	18.4	18.1	17.8	17.5	17.2	16.9
162.5°	15.0	14.9	14.9	14.8	14.5	14.2	13.9	13.6	13.3	13.0	12.7
165°	11.0	11.0	10.9	10.8	10.5	10.2	9.9	9.6	9.3	9.0	8.7
167.5°	7.5	7.5	7.4	7.3	7.1	6.8	6.5	6.3	6.0	5.7	5.4
170°	4.5	4.5	4.4	4.4	4.1	3.8	3.5	3.3	3.0	2.7	2.4
172.5°	2.3	2.2	2.2	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9
175°	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
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°	93.6	93.6
2.5°	94.3	94.4
5°	97.3	97.5
7.5°	101.7	102.0
10°	106.9	107.1
12.5°	112.2	112.4
15°	117.5	117.8
17.5°	122.8	123.0
20°	127.9	128.1
22.5°	132.8	133.1
25°	137.8	138.0
27.5°	142.5	142.7
30°	146.9	147.1
32.5°	151.0	151.2
35°	154.6	154.7
37.5°	157.6	157.7
40°	160.3	160.4
42.5°	162.7	162.7
45°	164.7	164.8
47.5°	166.4	166.3
50°	167.6	167.6
52.5°	168.6	168.5
55°	169.2	169.1
57.5°	169.3	169.2
60°	169.2	169.0
62.5°	168.5	168.4
65°	167.6	167.4
67.5°	166.2	166.0
70°	164.4	164.2
72.5°	162.2	162.0
75°	159.8	159.5
77.5°	157.1	156.8
80°	154.2	154.0
82.5°	151.0	150.8
85°	147.7	147.4
87.5°	144.4	144.1
90°	141.0	140.7
92.5°	137.6	137.4
95°	134.1	133.9
97.5°	130.7	130.5
100°	127.1	126.8
102.5°	123.3	123.1
105°	119.5	119.3
107.5°	115.6	115.3
110°	111.6	111.3

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	107.4	107.1
115°	103.1	102.9
117.5°	98.6	98.4
120°	94.1	93.8
122.5°	89.5	89.2
125°	84.8	84.5
127.5°	80.1	79.8
130°	75.2	74.9
132.5°	70.3	70.0
135°	65.3	65.0
137.5°	60.2	59.9
140°	55.3	55.0
142.5°	50.2	49.9
145°	45.1	44.8
147.5°	40.3	40.0
150°	35.3	35.1
152.5°	30.4	30.2
155°	25.7	25.4
157.5°	21.1	20.9
160°	16.7	16.4
162.5°	12.4	12.1
165°	8.4	8.1
167.5°	5.2	4.9
170°	2.2	1.9
172.5°	0.7	0.5
175°	0.3	0.2
177.5°	0.2	0.2
180°	0.0	0.0

(END OF REPORT)