

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1306259 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-2S-CV5-A**

Issue Date: 2/3/2026

Test Information

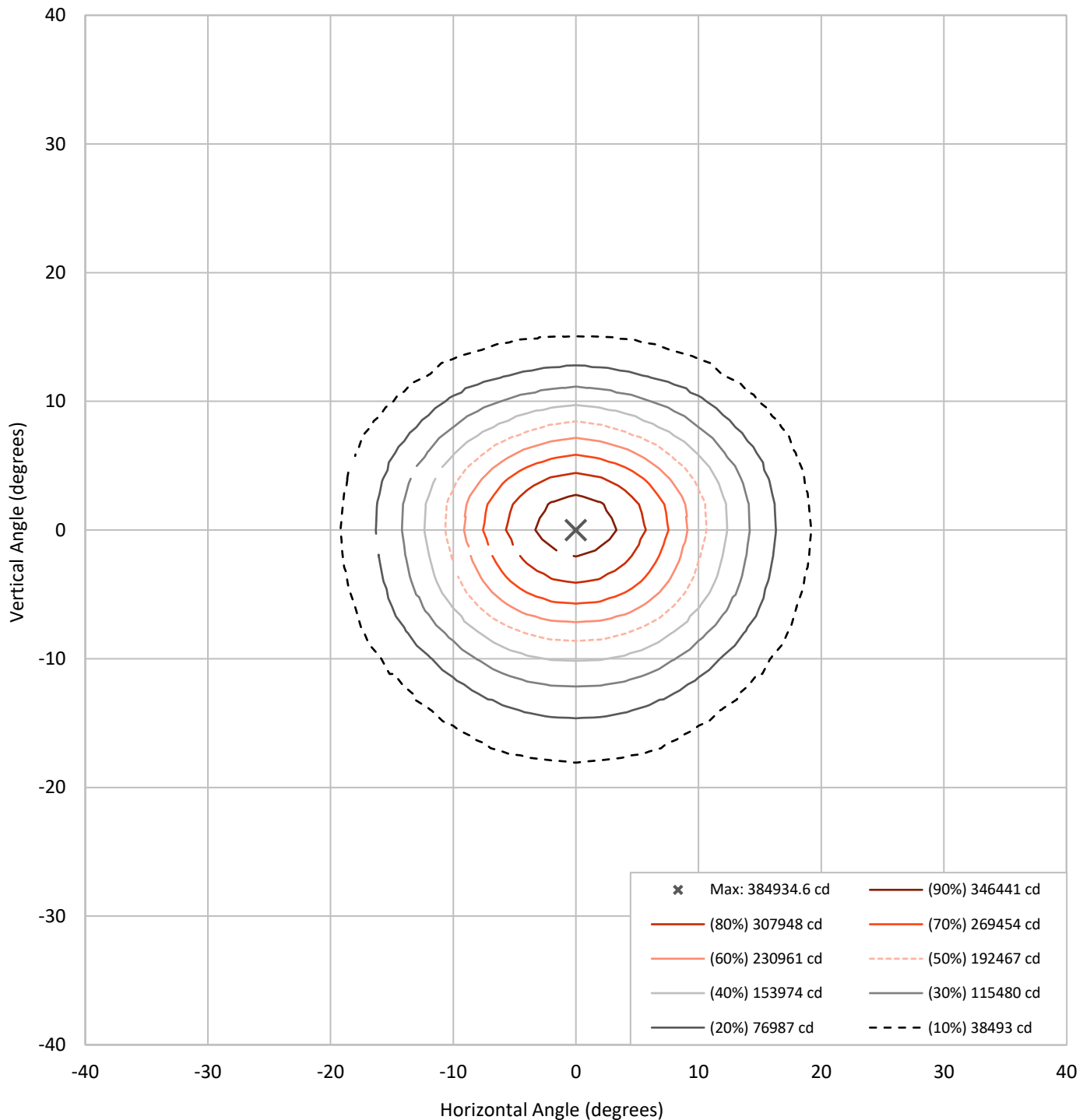
Test Method: LM-79-08
Report Number: P1306259 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-57-80-2S-CV5-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	51919.7 lumens	Max Intensity:	384934.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	22721.3 lumens	Field Lumens:	43978.8 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
Input Watts (W):	569		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





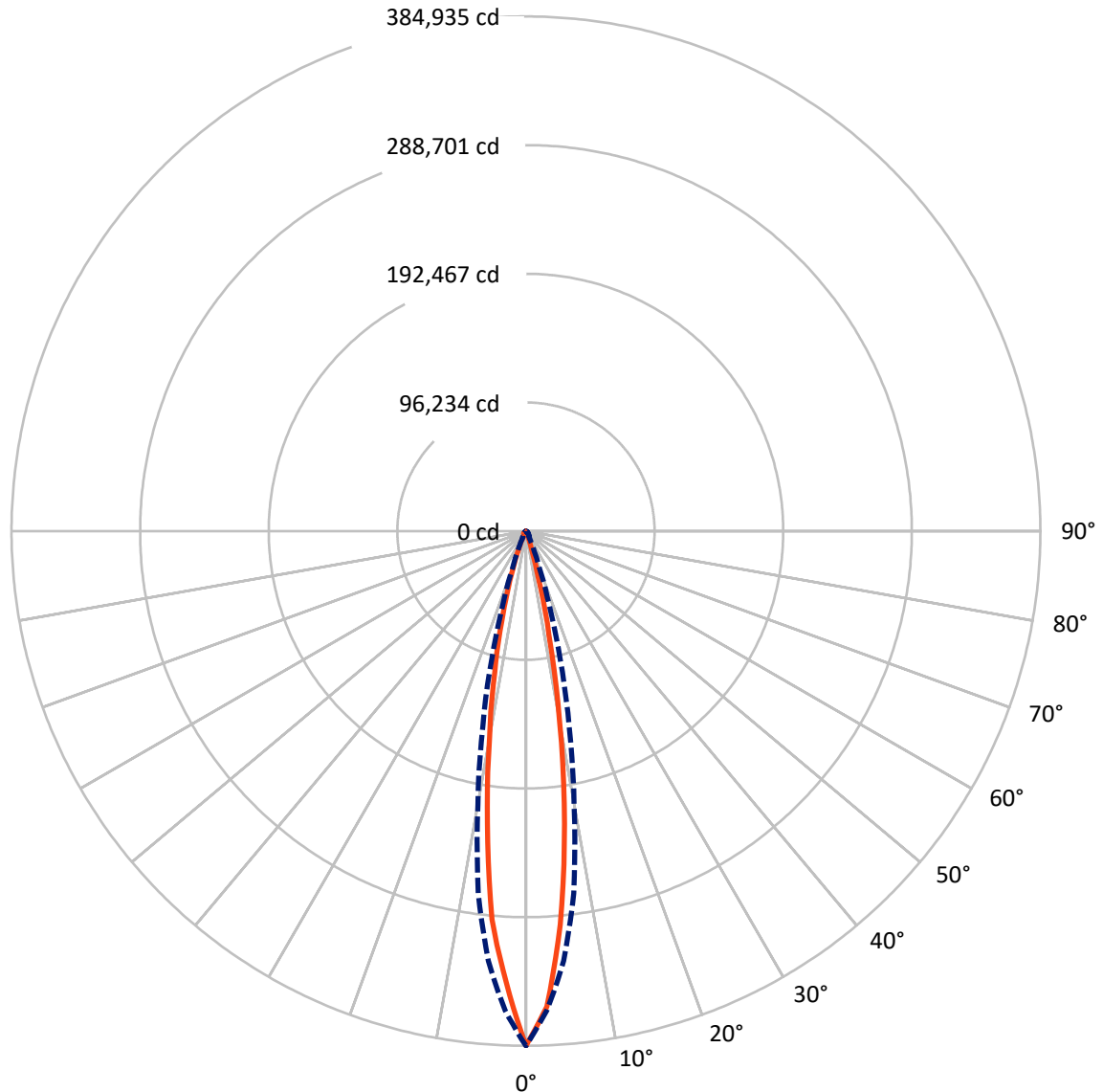
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Lumen Table

90	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1			
80	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1			
70	0.1	0.1	0.2	0.6	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.6	0.2	0.1	0.1			
60		0.1	0.3	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.2	0.2			
40		0.2	0.5	0.7	1.4	1.9	2.2	2.6	2.6	2.2	1.9	1.4	0.7	0.5	0.2				
30	0.3	0.4	1.3	3.3	6.5	8.3	14.7	31.2	31.2	14.7	8.3	6.5	3.3	1.3	0.4	0.3			
20		1.0	4.8	16.0	33.3	60.5	417.7	1286.6	1286.6	417.7	60.5	33.3	16.0	4.8	1.0				
10	0.3	1.8	9.9	38.8	77.8	247.0	2411.6	7168.7	7168.7	2411.6	247.0	77.8	38.8	9.9	1.8	0.3			
0		2.4	11.8	45.4	88.8	257.7	2461.5	7207.3	7207.3	2461.5	257.7	88.8	45.4	11.8	2.4				
-10	0.5	2.5	10.3	33.9	68.6	111.2	679.7	2019.2	2019.2	679.7	111.2	68.6	33.9	10.3	2.5	0.5			
-20		2.5	8.7	20.1	51.0	72.4	109.5	229.9	229.9	109.5	72.4	51.0	20.1	8.7	2.5				
-30	0.5	2.2	7.0	13.9	31.2	59.8	76.1	81.8	81.8	76.1	59.8	31.2	13.9	7.0	2.2	0.5			
-40		1.5	5.2	11.1	18.9	30.6	49.7	64.6	64.6	49.7	30.6	18.9	11.1	5.2	1.5				
-50	0.3	0.7	3.0	7.0	12.8	18.6	23.0	25.6	25.6	23.0	18.6	12.8	7.0	3.0	0.7	0.3			
-60		0.3	1.0	3.0	5.7	8.8	11.9	13.8	13.8	11.9	8.8	5.7	3.0	1.0	0.3				
-70	0.2	1.0		2.6		6.5		10.1		6.5		2.6		1.0		0.2			
-80		1.0		2.6		6.5		10.1		6.5		2.6		1.0					
-90	0.2	1.0		2.6		6.5		10.1		6.5		2.6		1.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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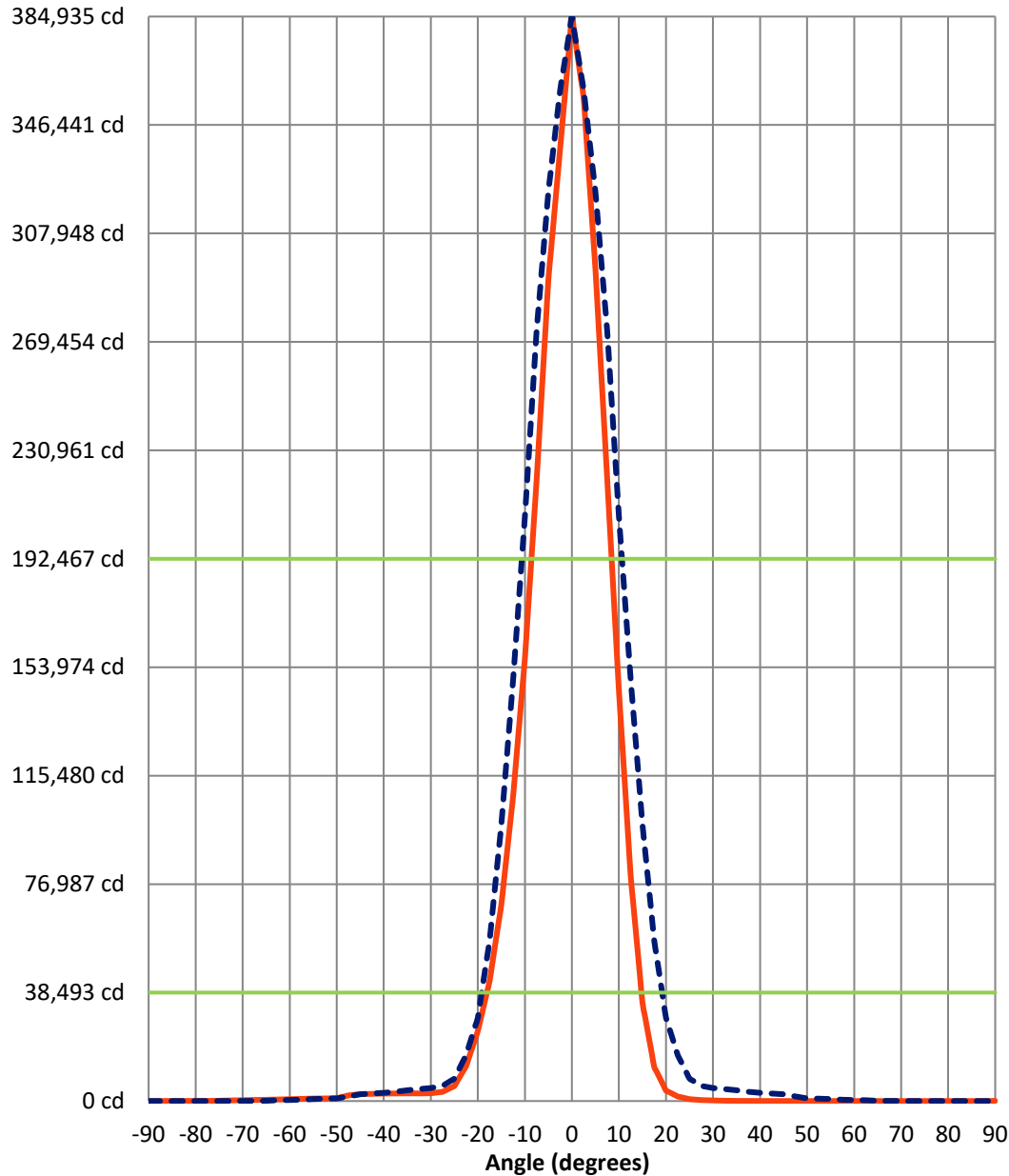
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 21.3°
 V Angle: 17°
 Lumens: 22721.3
 Efficiency: 43.8%

Field:
 H Angle: 38.4°
 V Angle: 32.9°
 Lumens: 43978.8
 Efficiency: 84.7%

Spill:
 Lumens: 7941
 Efficiency: 15.3%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.4	6.4	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1	5.9	5.7	5.5
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	6.2	6.1	6.2
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.6	6.6	6.5	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.7	6.8	6.5	6.4	6.4	6.4	6.5
67.5°	6.4	6.4	6.4	6.6	6.9	6.9	6.6	6.4	6.4	6.6	6.6
65°	6.4	6.4	6.4	6.7	7.0	7.0	6.6	6.4	6.7	6.9	6.7
62.5°	6.4	6.4	6.4	6.9	7.2	7.0	6.7	6.7	7.1	7.2	6.8
60°	6.4	6.4	6.4	7.1	7.4	7.1	6.7	7.1	7.5	7.2	6.9
57.5°	6.4	6.4	6.5	7.2	7.4	7.1	7.1	7.6	7.7	7.3	7.4
55°	6.4	6.4	6.6	7.4	7.5	7.2	7.5	8.0	7.7	7.5	8.0
52.5°	6.4	6.4	6.7	7.6	7.5	7.2	7.9	8.2	7.8	8.1	8.7
50°	6.4	6.4	6.9	7.8	7.6	7.6	8.3	8.3	8.0	8.7	10.0
47.5°	6.4	6.4	7.0	7.9	7.6	7.9	8.6	8.5	8.5	9.3	11.2
45°	6.4	6.4	7.1	7.9	7.7	8.2	8.8	8.7	9.1	10.0	12.1
42.5°	6.4	6.4	7.2	8.0	7.7	8.5	9.1	9.1	9.7	10.6	13.4
40°	6.4	6.4	7.3	8.0	7.9	8.8	9.3	9.7	10.4	11.0	14.6
37.5°	6.4	6.4	7.3	8.1	8.1	9.1	9.6	10.2	11.1	12.1	15.6
35°	6.4	6.4	7.4	8.1	8.3	9.3	9.9	10.6	12.0	13.8	16.2
32.5°	6.4	6.4	7.5	8.2	8.5	9.6	10.2	11.1	12.9	15.5	17.5
30°	6.4	6.4	7.6	8.2	8.7	9.8	10.6	11.7	13.9	17.3	19.1
27.5°	6.4	6.4	7.6	8.3	8.9	10.1	11.0	12.5	15.1	19.0	21.0
25°	6.4	6.4	7.7	8.4	9.1	10.4	11.4	13.3	16.5	20.6	23.3
22.5°	6.4	6.4	7.8	8.5	9.2	10.6	11.8	14.1	17.9	22.3	27.7
20°	6.4	6.4	7.8	8.6	9.3	10.7	12.1	14.9	19.3	24.1	32.6
17.5°	6.4	6.4	7.9	8.8	9.4	10.8	12.4	15.8	20.6	26.1	37.8
15°	6.4	6.4	7.9	8.9	9.5	10.9	12.7	16.5	21.9	28.0	43.4
12.5°	6.4	6.4	7.9	9.0	9.5	11.0	13.0	17.1	23.1	30.0	49.0
10°	6.4	6.4	8.0	9.1	9.6	11.1	13.3	17.7	24.4	33.4	55.7
7.5°	6.4	6.4	8.0	9.3	9.6	11.1	13.6	18.1	25.6	37.1	64.6
5°	6.4	6.4	8.0	9.4	9.6	11.2	13.9	18.6	26.8	40.9	73.4
2.5°	6.4	6.4	8.0	9.5	9.6	11.2	14.2	18.9	27.9	44.5	81.9
0°	6.4	6.4	8.0	9.6	9.6	11.2	14.4	19.2	28.8	48.0	89.7
-2.5°	6.4	6.4	8.1	9.7	9.9	11.5	15.7	22.9	36.3	59.4	104.2
-5°	6.4	6.5	8.1	9.8	10.2	11.9	16.9	26.5	43.4	70.3	117.6
-7.5°	6.4	6.5	8.2	9.9	10.4	12.2	17.9	29.8	50.1	80.4	130.0
-10°	6.4	6.5	8.2	9.9	10.7	12.5	18.9	32.7	56.1	89.7	141.0
-12.5°	6.4	6.6	8.3	10.0	10.9	12.8	19.7	35.2	61.3	97.8	150.5
-15°	6.4	6.6	8.3	10.1	11.2	13.0	20.3	37.1	66.0	104.8	158.3
-17.5°	6.4	6.6	8.3	10.1	11.4	13.3	20.7	39.1	70.1	110.6	164.4
-20°	6.4	6.7	8.4	10.1	11.5	13.5	21.1	40.8	73.3	115.2	168.8



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 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.4	6.7	8.4	10.2	11.7	13.7	21.6	41.7	75.3	118.5	171.2
-25°	6.4	6.7	8.4	10.2	11.8	14.0	21.7	41.7	76.0	120.5	171.6
-27.5°	6.4	6.7	8.4	10.2	11.9	14.3	21.3	40.6	75.5	121.1	173.0
-30°	6.4	6.7	8.4	10.2	12.0	14.4	20.5	38.6	74.2	120.2	172.8
-32.5°	6.4	6.8	8.4	10.1	12.0	14.5	19.2	37.2	71.7	117.6	170.7
-35°	6.4	6.8	8.3	10.1	12.0	14.5	18.8	35.6	67.7	113.1	166.8
-37.5°	6.4	6.8	8.3	10.1	12.0	14.4	18.7	33.3	62.1	106.9	155.0
-40°	6.4	6.8	8.3	10.0	12.0	14.4	18.5	30.2	55.0	99.1	141.4
-42.5°	6.4	6.8	8.2	10.0	12.0	14.3	18.2	26.4	49.3	86.7	126.4
-45°	6.4	6.8	8.2	9.9	11.9	14.2	17.6	23.5	44.0	72.9	110.1
-47.5°	6.4	6.8	8.1	9.8	11.7	14.1	16.9	22.6	37.7	58.4	93.8
-50°	6.4	6.8	8.1	9.7	11.6	13.9	16.6	21.5	29.7	49.4	76.5
-52.5°	6.4	6.8	8.0	9.6	11.4	13.7	16.3	20.2	25.9	40.0	59.1
-55°	6.4	6.8	7.9	9.5	11.2	13.4	15.9	18.8	23.8	30.1	47.9
-57.5°	6.4	6.8	7.9	9.3	11.0	13.1	15.5	18.2	21.7	26.0	36.4
-60°	6.4	6.7	7.8	9.2	10.8	12.7	15.0	17.5	19.8	23.7	27.5
-62.5°	6.4	6.7	7.7	9.0	10.5	12.3	14.5	16.7	18.8	21.4	25.0
-65°	6.4	6.7	7.6	8.8	10.2	11.9	13.9	15.9	17.7	19.9	22.5
-67.5°	6.4	6.7	7.5	8.6	9.9	11.4	13.3	15.1	16.6	18.5	20.6
-70°	6.4	6.7	7.4	8.4	9.5	11.0	12.6	14.4	15.8	17.0	18.9
-72.5°	6.4	6.6	7.3	8.2	9.2	10.4	11.9	13.6	15.0	16.3	17.3
-75°	6.4	6.6	7.2	8.0	8.8	9.9	11.2	12.7	14.3	15.6	16.6
-77.5°	6.4	6.6	7.1	7.8	8.5	9.4	10.4	11.9	13.3	14.7	16.0
-80°	6.4	6.5	6.9	7.6	8.3	8.9	9.7	11.0	12.3	13.6	14.9
-82.5°	6.4	6.5	6.8	7.4	8.0	8.6	9.2	10.2	11.2	12.4	13.6
-85°	6.4	6.5	6.7	7.2	7.7	8.3	8.8	9.6	10.4	11.3	12.3
-87.5°	6.4	6.4	6.5	7.0	7.5	7.9	8.4	9.0	9.6	10.3	10.9
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	5.6	5.2	4.8



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 CATALOG NUMBER: EPH-08-530N-57-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.6	9.6	9.6	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4
87.5°	5.4	5.2	5.0	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6
85°	5.9	5.6	5.3	5.0	5.1	5.0	4.9	4.8	4.6	4.4	4.3
82.5°	6.2	6.0	5.9	6.0	5.8	5.6	5.2	4.8	4.8	4.8	4.8
80°	6.3	6.4	6.4	6.4	6.1	5.7	5.3	4.9	4.8	4.9	4.9
77.5°	6.4	6.4	6.4	6.4	6.1	5.8	5.7	5.7	5.7	5.5	5.3
75°	6.4	6.4	6.4	6.4	6.3	6.3	6.4	6.4	6.3	6.1	6.1
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.7	9.5	10.7
70°	6.4	6.4	6.4	6.4	6.4	7.0	9.3	12.4	15.5	17.4	19.4
67.5°	6.4	6.4	6.4	6.7	8.3	11.0	14.5	21.3	28.9	31.1	31.1
65°	6.4	6.4	7.2	8.8	11.0	16.3	23.7	32.7	39.5	38.4	35.6
62.5°	6.4	7.2	8.7	11.4	15.9	22.6	29.5	36.0	42.8	40.9	34.8
60°	7.1	8.1	11.0	15.6	20.4	25.0	31.6	35.8	39.4	39.6	30.5
57.5°	7.8	9.9	14.3	19.0	22.7	25.8	28.5	31.8	32.9	32.1	23.4
55°	9.1	12.4	17.1	21.3	23.9	22.5	23.8	24.6	24.1	22.0	15.4
52.5°	11.2	14.8	19.5	22.9	22.9	20.1	17.9	17.9	16.3	13.4	11.4
50°	12.9	17.1	21.6	23.5	21.8	17.3	13.5	13.1	12.0	10.7	9.6
47.5°	14.7	19.2	23.3	23.9	19.5	15.8	12.5	11.4	10.7	10.5	10.0
45°	16.4	20.6	24.7	22.1	18.3	15.7	13.4	11.2	11.4	11.3	10.8
42.5°	17.9	21.4	23.3	20.6	18.7	17.0	15.3	13.7	12.8	13.1	13.0
40°	18.5	21.9	22.2	21.7	19.9	19.3	19.1	17.8	15.2	16.4	16.7
37.5°	18.7	21.6	22.7	24.5	22.5	23.1	23.8	24.2	22.4	21.1	24.3
35°	18.7	22.1	26.6	29.1	27.8	28.5	31.3	32.4	31.7	31.1	37.0
32.5°	19.1	23.2	31.9	34.9	36.8	37.7	40.1	42.4	44.6	48.2	59.3
30°	21.3	28.2	38.2	41.6	47.8	54.7	52.9	54.2	60.0	81.8	100.6
27.5°	26.0	34.9	44.5	51.5	61.8	76.4	78.7	72.4	91.2	124.4	155.4
25°	31.5	56.3	51.5	63.5	83.1	102.7	111.8	116.1	138.4	183.1	217.9
22.5°	43.4	84.9	82.9	76.6	107.6	133.2	155.7	200.5	263.2	277.4	284.8
20°	64.2	113.1	121.2	127.5	144.3	167.6	206.5	313.5	447.3	496.5	445.4
17.5°	88.9	144.1	164.1	193.4	231.6	239.1	271.2	448.4	678.5	758.8	774.3
15°	116.7	177.2	209.6	267.0	325.1	352.9	446.4	666.6	931.6	1062.7	1153.6
12.5°	146.5	212.0	257.1	346.6	423.6	467.4	666.9	1002.6	1256.9	1410.1	1650.0
10°	177.4	247.8	305.9	430.3	525.5	581.9	910.4	1349.6	1605.9	1780.1	2088.7
7.5°	209.4	282.2	354.3	515.7	629.1	695.7	1166.9	1699.8	1945.7	2135.6	2446.4
5°	240.2	314.1	397.5	587.7	715.1	794.2	1404.5	2043.3	2275.8	2477.2	2755.5
2.5°	268.4	344.5	439.3	653.8	787.2	868.7	1539.8	2239.6	2486.2	2725.9	3030.8
0°	293.1	373.2	478.9	714.3	855.2	940.1	1649.6	2410.3	2665.0	2926.0	3291.2
-2.5°	296.7	381.8	491.1	708.7	842.5	929.1	1620.9	2384.0	2693.6	2998.3	3379.5
-5°	296.5	388.2	500.2	697.6	826.0	914.9	1564.5	2323.8	2683.2	2985.3	3343.2
-7.5°	293.1	392.0	505.7	681.2	800.5	882.8	1456.0	2175.9	2552.7	2818.9	3162.7
-10°	287.2	390.7	498.0	653.2	764.3	839.5	1317.5	2001.2	2415.4	2648.8	2954.6
-12.5°	279.7	385.1	486.1	623.4	728.9	795.2	1156.9	1803.2	2274.8	2480.0	2730.2
-15°	271.1	378.1	472.1	592.7	695.7	750.5	975.8	1584.9	2136.1	2349.1	2545.0
-17.5°	261.9	369.8	456.1	562.3	665.9	706.0	780.3	1346.8	1938.6	2206.7	2405.2
-20°	252.8	360.6	438.6	533.2	637.7	676.7	724.9	1117.8	1651.4	2042.2	2252.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	244.3	350.5	422.1	509.3	606.0	660.7	697.9	893.9	1348.2	1858.3	2089.0
-25°	240.9	335.6	408.4	487.1	575.8	645.9	672.8	705.8	1071.9	1560.8	1923.6
-27.5°	240.3	323.0	393.2	463.1	545.8	626.7	654.8	679.1	865.7	1262.0	1732.2
-30°	237.1	306.0	376.2	439.3	517.0	592.8	640.9	667.7	709.7	1015.9	1407.3
-32.5°	226.6	288.0	356.2	419.0	487.1	560.3	629.4	662.3	696.8	781.0	1108.9
-35°	213.1	271.5	334.8	396.8	456.5	528.6	599.6	658.0	683.9	723.1	859.8
-37.5°	200.5	253.2	312.9	372.9	430.7	495.8	567.7	633.1	678.4	708.8	757.6
-40°	186.1	233.3	290.9	348.5	403.9	463.1	529.9	597.5	658.8	711.0	748.5
-42.5°	170.0	215.6	267.4	323.0	375.2	431.1	490.2	555.8	625.1	696.7	749.9
-45°	151.8	196.1	242.7	293.3	343.8	396.4	452.3	511.1	581.5	654.4	725.5
-47.5°	132.0	174.6	218.9	261.6	309.6	359.1	411.4	468.9	531.1	600.3	673.2
-50°	111.3	150.9	192.2	231.6	273.2	319.4	367.6	422.6	480.6	541.2	606.6
-52.5°	90.9	125.4	163.7	201.6	238.5	277.9	323.1	372.5	426.0	481.9	536.6
-55°	69.7	101.0	133.8	169.7	205.2	239.3	277.1	321.5	367.3	418.0	466.5
-57.5°	53.4	76.3	105.3	136.0	169.4	203.0	236.8	270.4	310.7	352.9	392.8
-60°	40.0	55.9	77.5	104.2	131.8	163.3	196.5	228.3	259.1	288.2	322.6
-62.5°	28.3	40.7	55.2	73.3	97.6	122.6	151.3	181.7	212.8	238.1	261.1
-65°	25.6	28.4	38.2	51.3	64.3	86.3	109.1	131.7	158.3	182.6	205.4
-67.5°	23.0	25.5	28.1	32.6	44.3	56.9	69.7	89.6	109.3	126.9	144.1
-70°	20.9	22.7	24.9	27.1	29.5	34.9	45.9	57.0	68.1	81.0	96.3
-72.5°	18.9	20.7	22.3	23.7	25.8	28.4	31.1	33.9	40.2	49.1	58.3
-75°	17.6	18.9	20.5	21.9	23.1	24.5	26.3	28.6	30.8	32.7	34.4
-77.5°	16.7	17.5	18.6	19.9	20.9	21.7	22.8	24.0	25.6	27.3	29.0
-80°	15.5	16.0	16.5	17.3	18.1	18.7	19.3	19.9	20.8	21.9	23.2
-82.5°	14.0	14.4	14.7	15.1	15.4	15.7	16.1	16.6	17.1	17.6	18.3
-85°	12.6	12.8	13.0	13.3	13.2	13.2	13.2	13.2	13.5	13.8	14.0
-87.5°	11.1	11.2	11.3	11.4	11.5	11.4	11.3	11.2	11.3	11.4	11.4
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.8	12.8	12.8	12.8	12.8	17.2	21.6	26.0	30.4	38.0	45.6
87.5°	3.2	3.2	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.6
85°	4.2	4.0	3.8	3.5	3.2	3.1	3.1	3.1	3.1	2.8	2.4
82.5°	4.8	4.4	4.0	3.6	3.2	2.9	2.6	2.2	1.8	1.7	1.6
80°	4.8	4.5	4.1	3.7	3.3	3.1	3.0	3.0	3.0	3.0	3.1
77.5°	5.0	4.8	4.4	3.9	3.3	3.2	3.2	3.2	3.2	2.9	2.5
75°	6.2	6.1	6.0	5.6	4.9	4.6	4.3	3.9	3.3	3.2	3.1
72.5°	11.3	11.3	10.7	10.1	8.9	8.1	7.8	7.5	7.0	6.9	6.8
70°	20.1	19.8	18.6	16.4	13.4	11.3	10.5	9.5	8.4	7.9	7.9
67.5°	28.3	25.1	22.2	19.0	15.2	12.4	10.9	9.3	7.6	6.8	6.6
65°	31.4	25.1	20.8	17.3	14.5	11.9	9.8	7.9	6.2	5.4	5.6
62.5°	28.2	20.8	16.2	13.2	10.9	9.3	7.6	6.3	5.3	4.8	4.9
60°	22.4	15.1	11.2	9.3	7.8	6.5	5.7	5.0	4.3	3.8	4.0
57.5°	16.2	10.8	7.9	7.3	6.4	5.3	4.6	4.3	4.2	4.3	4.6
55°	11.0	9.0	8.0	7.2	6.3	5.4	4.8	4.8	4.8	4.8	4.8
52.5°	9.1	8.6	8.2	7.4	6.5	5.6	4.8	4.8	4.8	4.8	4.8
50°	9.2	8.8	8.3	7.7	6.8	5.9	4.9	5.0	5.4	5.7	5.7
47.5°	9.4	8.9	8.6	8.1	7.3	6.9	6.4	6.5	7.1	7.4	7.2
45°	9.8	9.8	9.7	9.6	9.0	9.1	9.2	9.3	11.4	11.3	9.9
42.5°	12.1	12.8	13.5	13.9	11.9	15.5	21.0	23.6	20.7	16.7	14.1
40°	18.1	18.9	22.7	24.6	30.2	35.6	30.7	24.8	22.2	24.2	25.6
37.5°	28.8	34.1	41.6	50.3	46.8	37.2	37.4	37.4	36.4	39.6	39.5
35°	48.3	60.5	67.9	66.3	61.3	58.5	61.1	63.9	57.7	63.2	64.6
32.5°	77.6	92.3	94.3	89.2	89.5	94.3	103.1	101.9	103.8	110.1	117.4
30°	112.1	129.5	136.2	127.0	120.4	132.0	136.9	141.3	155.6	174.1	190.7
27.5°	168.7	181.4	192.9	183.3	164.1	178.5	188.6	185.7	224.8	245.6	292.4
25°	239.7	257.7	264.3	267.8	261.4	258.7	284.1	297.0	351.0	408.3	505.6
22.5°	327.3	376.5	390.5	372.2	392.7	407.1	424.2	482.1	590.2	765.9	1016.8
20°	438.5	538.9	619.8	606.8	558.6	620.2	689.8	872.2	1187.9	1897.9	2478.8
17.5°	790.5	792.3	953.8	1018.8	939.4	1073.0	1415.1	2008.4	3313.5	5708.1	7260.7
15°	1334.4	1370.4	1444.7	1531.7	1674.6	2023.5	2712.8	5198.9	8942.9	14122.9	19438.4
12.5°	1911.0	1992.2	2119.4	2190.6	2482.2	3415.8	6372.6	11816.4	19719.1	29691.4	46233.8
10°	2406.5	2622.6	2786.5	3009.2	3761.4	5954.4	11056.5	20462.9	36393.0	57907.8	83335.8
7.5°	2756.9	3073.1	3350.3	3769.0	5331.0	9751.7	18309.0	33957.6	58019.1	88402.3	123454.7
5°	3109.2	3509.4	3820.2	4372.1	6333.5	12600.0	23987.5	46601.9	81346.2	122707.5	169586.4
2.5°	3467.2	3917.1	4259.6	4942.5	6974.7	14044.2	26868.5	54147.9	96771.1	147133.5	204048.1
0°	3827.7	4253.7	4614.1	5386.0	7970.9	16316.5	29582.1	57027.8	98208.4	149616.4	207387.3
-2.5°	3811.1	4092.4	4422.4	5020.6	7270.9	15020.1	27495.5	53895.2	92970.5	140654.0	193043.6
-5°	3666.1	3863.7	4125.2	4653.9	6504.7	12519.9	23780.1	46070.1	82113.7	125800.1	170957.1
-7.5°	3441.0	3606.8	3802.2	4238.6	5621.6	9964.9	19235.4	36950.5	65138.8	96789.3	131416.3
-10°	3225.1	3352.9	3491.8	3794.2	4682.9	7303.4	13646.2	25037.8	45343.9	69021.7	95373.2
-12.5°	3026.0	3128.0	3201.7	3329.6	3772.3	5290.0	9811.5	17957.9	29623.4	44290.6	63730.1
-15°	2823.2	2909.7	2947.8	3050.4	3340.0	4091.1	5913.8	11038.2	18518.4	27990.3	37846.9
-17.5°	2605.5	2708.2	2765.6	2831.5	2957.7	3268.8	4274.5	6429.2	10951.5	17310.4	23658.9
-20°	2426.4	2547.4	2596.6	2642.4	2758.7	2941.5	3228.5	4197.5	5849.3	9809.6	13757.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2253.4	2362.4	2426.5	2524.8	2675.2	2801.8	2895.9	3126.6	3812.7	4893.4	6822.7
-25°	2096.0	2190.4	2316.8	2505.6	2652.9	2743.3	2761.1	2770.9	2966.4	3180.9	3832.3
-27.5°	1937.6	2071.3	2259.6	2472.5	2647.5	2691.6	2694.0	2690.6	2737.3	2769.8	2931.9
-30°	1796.5	1971.6	2149.3	2376.7	2546.9	2618.6	2649.0	2670.0	2693.9	2723.5	2734.3
-32.5°	1508.8	1866.7	2010.6	2192.7	2407.3	2520.7	2577.6	2626.3	2652.8	2678.7	2699.0
-35°	1192.8	1570.4	1913.8	2031.5	2183.8	2375.8	2518.9	2577.1	2626.0	2653.7	2679.5
-37.5°	897.1	1220.9	1554.7	1867.5	2023.0	2158.8	2341.6	2484.0	2573.9	2609.4	2640.4
-40°	790.6	874.6	1169.5	1456.5	1730.4	1989.2	2141.1	2313.1	2450.5	2520.1	2574.0
-42.5°	786.5	817.4	847.4	1049.0	1303.5	1553.0	1788.8	2009.6	2213.4	2352.0	2454.7
-45°	785.6	807.7	832.8	862.9	893.2	1087.9	1306.0	1525.1	1748.8	1958.6	2146.7
-47.5°	734.6	789.3	819.4	843.4	863.6	889.4	918.7	974.1	1156.1	1339.5	1523.5
-50°	664.5	719.3	769.4	817.3	841.6	858.3	874.4	892.6	915.6	938.7	962.3
-52.5°	586.1	638.1	689.1	734.9	774.3	812.2	848.2	864.7	876.9	888.1	897.8
-55°	512.9	557.6	600.8	641.4	680.6	717.6	751.3	780.2	806.8	831.1	850.1
-57.5°	435.3	477.7	518.0	552.0	584.6	615.6	645.4	673.1	698.2	720.3	738.8
-60°	357.4	392.3	427.5	460.1	491.1	520.3	545.1	567.8	588.7	607.8	625.2
-62.5°	284.0	311.2	341.1	368.4	392.9	416.8	443.1	465.9	485.2	502.0	517.8
-65°	226.5	245.9	267.3	288.0	307.9	330.6	355.5	377.2	396.0	411.6	425.1
-67.5°	163.6	182.5	203.1	221.8	239.1	258.0	280.9	302.4	322.6	338.9	352.0
-70°	110.2	123.6	139.1	155.8	172.5	190.3	210.3	229.8	248.6	263.6	276.0
-72.5°	67.6	76.5	85.3	96.5	108.0	121.7	137.0	152.6	168.1	180.8	191.6
-75°	36.0	39.0	45.7	52.1	58.1	65.7	73.6	80.9	87.7	93.9	99.6
-77.5°	30.7	32.0	33.2	34.2	35.3	38.3	42.1	46.1	50.2	54.4	58.6
-80°	24.5	25.5	26.4	27.4	28.3	30.7	33.3	35.8	38.3	41.1	43.9
-82.5°	18.9	19.4	19.8	20.2	20.6	22.3	24.2	26.1	27.9	30.2	32.4
-85°	14.3	14.5	14.7	14.9	15.1	16.5	17.9	19.2	20.6	23.0	25.4
-87.5°	11.5	11.5	11.4	11.4	11.3	13.1	14.8	16.5	18.0	20.0	22.0
-90°	3.2	3.2	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.2	0.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	53.3	60.9	64.9	68.9	64.9	60.9	53.3	45.6	38.0	30.4	26.0
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0
85°	2.0	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.8	3.1	3.1
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8	2.2
80°	3.1	3.2	2.4	1.6	2.4	3.2	3.1	3.1	3.0	3.0	3.0
77.5°	2.1	1.6	2.4	3.2	2.4	1.6	2.1	2.5	2.9	3.2	3.2
75°	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.3	3.9
72.5°	6.6	6.3	6.4	6.4	6.4	6.3	6.6	6.8	6.9	7.0	7.5
70°	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9	8.4	9.5
67.5°	6.5	6.5	5.7	4.8	5.7	6.5	6.5	6.6	6.8	7.6	9.3
65°	5.9	6.3	5.7	4.8	5.7	6.3	5.9	5.6	5.4	6.2	7.9
62.5°	4.9	4.9	4.8	4.8	4.8	4.9	4.9	4.9	4.8	5.3	6.3
60°	4.3	4.7	4.8	4.8	4.8	4.7	4.3	4.0	3.8	4.3	5.0
57.5°	4.7	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.3	4.2	4.3
55°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
52.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
50°	5.4	5.0	4.8	4.8	4.8	5.0	5.4	5.7	5.7	5.4	5.0
47.5°	6.9	6.6	6.4	6.4	6.4	6.6	6.9	7.2	7.4	7.1	6.5
45°	9.9	9.6	9.5	9.6	9.5	9.6	9.9	9.9	11.3	11.4	9.3
42.5°	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.1	16.7	20.7	23.6
40°	26.9	27.1	26.5	25.6	26.5	27.1	26.9	25.6	24.2	22.2	24.8
37.5°	39.4	39.6	39.6	40.0	39.6	39.6	39.4	39.5	39.6	36.4	37.4
35°	63.8	62.2	58.7	59.3	58.7	62.2	63.8	64.6	63.2	57.7	63.9
32.5°	122.0	120.3	113.6	118.5	113.6	120.3	122.0	117.4	110.1	103.8	101.9
30°	205.3	213.5	217.0	216.2	217.0	213.5	205.3	190.7	174.1	155.6	141.3
27.5°	316.3	334.3	345.6	352.3	345.6	334.3	316.3	292.4	245.6	224.8	185.7
25°	575.5	620.1	645.4	679.1	645.4	620.1	575.5	505.6	408.3	351.0	297.0
22.5°	1286.9	1448.3	1551.0	1624.0	1551.0	1448.3	1286.9	1016.8	765.9	590.2	482.1
20°	3338.7	3325.5	3593.2	3738.0	3593.2	3325.5	3338.7	2478.8	1897.9	1187.9	872.2
17.5°	10451.2	12112.2	12533.6	12173.3	12533.6	12112.2	10451.2	7260.7	5708.1	3313.5	2008.4
15°	26864.2	32412.2	34983.1	34947.3	34983.1	32412.2	26864.2	19438.4	14122.9	8942.9	5198.9
12.5°	57929.0	68643.8	75639.9	79872.3	75639.9	68643.8	57929.0	46233.8	29691.4	19719.1	11816.4
10°	105127.8	123482.9	138119.8	145473.2	138119.8	123482.9	105127.8	83335.8	57907.8	36393.0	20462.9
7.5°	155797.2	185496.0	210573.3	220982.9	210573.3	185496.0	155797.2	123454.7	88402.3	58019.1	33957.6
5°	214497.0	261752.5	285222.7	295336.2	285222.7	261752.5	214497.0	169586.4	122707.5	81346.2	46601.9
2.5°	263605.8	310726.0	343530.6	355998.0	343530.6	310726.0	263605.8	204048.1	147133.5	96771.1	54147.9
0°	273435.9	322695.4	358799.9	384934.6	358799.9	322695.4	273435.9	207387.3	149616.4	98208.4	57027.8
-2.5°	252557.2	300688.3	327069.3	338122.3	327069.3	300688.3	252557.2	193043.6	140654.0	92970.5	53895.2
-5°	219557.1	262275.8	286666.0	291564.5	286666.0	262275.8	219557.1	170957.1	125800.1	82113.7	46070.1
-7.5°	167781.1	197352.6	216590.2	220473.6	216590.2	197352.6	167781.1	131416.3	96789.3	65138.8	36950.5
-10°	122017.6	143338.7	155693.0	157029.9	155693.0	143338.7	122017.6	95373.2	69021.7	45343.9	25037.8
-12.5°	81526.4	98232.7	106970.3	108233.3	106970.3	98232.7	81526.4	63730.1	44290.6	29623.4	17957.9
-15°	51088.2	61954.9	68372.3	69763.3	68372.3	61954.9	51088.2	37846.9	27990.3	18518.4	11038.2
-17.5°	31478.0	36974.7	40340.7	42565.9	40340.7	36974.7	31478.0	23658.9	17310.4	10951.5	6429.2
-20°	18405.7	21970.2	23970.5	24880.0	23970.5	21970.2	18405.7	13757.3	9809.6	5849.3	4197.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9240.5	10999.0	12196.8	12378.3	12196.8	10999.0	9240.5	6822.7	4893.4	3812.7	3126.6
-25°	4481.5	4971.3	5307.4	5326.7	5307.4	4971.3	4481.5	3832.3	3180.9	2966.4	2770.9
-27.5°	3064.3	3166.2	3232.1	3270.4	3232.1	3166.2	3064.3	2931.9	2769.8	2737.3	2690.6
-30°	2745.7	2760.9	2770.2	2757.9	2770.2	2760.9	2745.7	2734.3	2723.5	2693.9	2670.0
-32.5°	2705.9	2713.0	2718.0	2709.8	2718.0	2713.0	2705.9	2699.0	2678.7	2652.8	2626.3
-35°	2702.8	2722.5	2737.9	2733.8	2737.9	2722.5	2702.8	2679.5	2653.7	2626.0	2577.1
-37.5°	2663.1	2680.5	2692.1	2692.2	2692.1	2680.5	2663.1	2640.4	2609.4	2573.9	2484.0
-40°	2604.2	2628.0	2642.7	2642.5	2642.7	2628.0	2604.2	2574.0	2520.1	2450.5	2313.1
-42.5°	2503.7	2537.0	2552.7	2551.3	2552.7	2537.0	2503.7	2454.7	2352.0	2213.4	2009.6
-45°	2287.9	2395.1	2452.6	2458.4	2452.6	2395.1	2287.9	2146.7	1958.6	1748.8	1525.1
-47.5°	1704.7	1869.9	1971.2	1993.9	1971.2	1869.9	1704.7	1523.5	1339.5	1156.1	974.1
-50°	985.8	1007.9	1017.3	1013.8	1017.3	1007.9	985.8	962.3	938.7	915.6	892.6
-52.5°	907.1	915.9	922.7	927.3	922.7	915.9	907.1	897.8	888.1	876.9	864.7
-55°	865.6	877.6	885.2	888.9	885.2	877.6	865.6	850.1	831.1	806.8	780.2
-57.5°	754.0	765.9	772.6	775.1	772.6	765.9	754.0	738.8	720.3	698.2	673.1
-60°	639.7	651.4	658.2	661.4	658.2	651.4	639.7	625.2	607.8	588.7	567.8
-62.5°	531.1	542.1	548.7	552.5	548.7	542.1	531.1	517.8	502.0	485.2	465.9
-65°	437.0	447.4	453.0	456.4	453.0	447.4	437.0	425.1	411.6	396.0	377.2
-67.5°	363.8	374.2	380.9	386.0	380.9	374.2	363.8	352.0	338.9	322.6	302.4
-70°	287.3	297.5	301.2	302.7	301.2	297.5	287.3	276.0	263.6	248.6	229.8
-72.5°	201.3	209.7	215.3	219.4	215.3	209.7	201.3	191.6	180.8	168.1	152.6
-75°	104.7	109.3	112.6	115.3	112.6	109.3	104.7	99.6	93.9	87.7	80.9
-77.5°	62.7	66.8	68.8	70.5	68.8	66.8	62.7	58.6	54.4	50.2	46.1
-80°	46.7	49.3	50.3	51.2	50.3	49.3	46.7	43.9	41.1	38.3	35.8
-82.5°	34.6	36.7	37.6	38.4	37.6	36.7	34.6	32.4	30.2	27.9	26.1
-85°	27.9	30.3	31.2	32.0	31.2	30.3	27.9	25.4	23.0	20.6	19.2
-87.5°	23.8	25.7	27.2	28.8	27.2	25.7	23.8	22.0	20.0	18.0	16.5
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	2.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	21.6	17.2	12.8	12.8	12.8	12.8	12.8	12.4	12.0	11.6	11.2
87.5°	2.4	2.8	3.2	3.2	3.2	3.2	3.2	3.6	4.0	4.4	4.8
85°	3.1	3.1	3.2	3.5	3.8	4.0	4.2	4.3	4.4	4.6	4.8
82.5°	2.6	2.9	3.2	3.6	4.0	4.4	4.8	4.8	4.8	4.8	4.8
80°	3.0	3.1	3.3	3.7	4.1	4.5	4.8	4.9	4.9	4.8	4.9
77.5°	3.2	3.2	3.3	3.9	4.4	4.8	5.0	5.3	5.5	5.7	5.7
75°	4.3	4.6	4.9	5.6	6.0	6.1	6.2	6.1	6.1	6.3	6.4
72.5°	7.8	8.1	8.9	10.1	10.7	11.3	11.3	10.7	9.5	7.7	6.4
70°	10.5	11.3	13.4	16.4	18.6	19.8	20.1	19.4	17.4	15.5	12.4
67.5°	10.9	12.4	15.2	19.0	22.2	25.1	28.3	31.1	31.1	28.9	21.3
65°	9.8	11.9	14.5	17.3	20.8	25.1	31.4	35.6	38.4	39.5	32.7
62.5°	7.6	9.3	10.9	13.2	16.2	20.8	28.2	34.8	40.9	42.8	36.0
60°	5.7	6.5	7.8	9.3	11.2	15.1	22.4	30.5	39.6	39.4	35.8
57.5°	4.6	5.3	6.4	7.3	7.9	10.8	16.2	23.4	32.1	32.9	31.8
55°	4.8	5.4	6.3	7.2	8.0	9.0	11.0	15.4	22.0	24.1	24.6
52.5°	4.8	5.6	6.5	7.4	8.2	8.6	9.1	11.4	13.4	16.3	17.9
50°	4.9	5.9	6.8	7.7	8.3	8.8	9.2	9.6	10.7	12.0	13.1
47.5°	6.4	6.9	7.3	8.1	8.6	8.9	9.4	10.0	10.5	10.7	11.4
45°	9.2	9.1	9.0	9.6	9.7	9.8	9.8	10.8	11.3	11.4	11.2
42.5°	21.0	15.5	11.9	13.9	13.5	12.8	12.1	13.0	13.1	12.8	13.7
40°	30.7	35.6	30.2	24.6	22.7	18.9	18.1	16.7	16.4	15.2	17.8
37.5°	37.4	37.2	46.8	50.3	41.6	34.1	28.8	24.3	21.1	22.4	24.2
35°	61.1	58.5	61.3	66.3	67.9	60.5	48.3	37.0	31.1	31.7	32.4
32.5°	103.1	94.3	89.5	89.2	94.3	92.3	77.6	59.3	48.2	44.6	42.4
30°	136.9	132.0	120.4	127.0	136.2	129.5	112.1	100.6	81.8	60.0	54.2
27.5°	188.6	178.5	164.1	183.3	192.9	181.4	168.7	155.4	124.4	91.2	72.4
25°	284.1	258.7	261.4	267.8	264.3	257.7	239.7	217.9	183.1	138.4	116.1
22.5°	424.2	407.1	392.7	372.2	390.5	376.5	327.3	284.8	277.4	263.2	200.5
20°	689.8	620.2	558.6	606.8	619.8	538.9	438.5	445.4	496.5	447.3	313.5
17.5°	1415.1	1073.0	939.4	1018.8	953.8	792.3	790.5	774.3	758.8	678.5	448.4
15°	2712.8	2023.5	1674.6	1531.7	1444.7	1370.4	1334.4	1153.6	1062.7	931.6	666.6
12.5°	6372.6	3415.8	2482.2	2190.6	2119.4	1992.2	1911.0	1650.0	1410.1	1256.9	1002.6
10°	11056.5	5954.4	3761.4	3009.2	2786.5	2622.6	2406.5	2088.7	1780.1	1605.9	1349.6
7.5°	18309.0	9751.7	5331.0	3769.0	3350.3	3073.1	2756.9	2446.4	2135.6	1945.7	1699.8
5°	23987.5	12600.0	6333.5	4372.1	3820.2	3509.4	3109.2	2755.5	2477.2	2275.8	2043.3
2.5°	26868.5	14044.2	6974.7	4942.5	4259.6	3917.1	3467.2	3030.8	2725.9	2486.2	2239.6
0°	29582.1	16316.5	7970.9	5386.0	4614.1	4253.7	3827.7	3291.2	2926.0	2665.0	2410.3
-2.5°	27495.5	15020.1	7270.9	5020.6	4422.4	4092.4	3811.1	3379.5	2998.3	2693.6	2384.0
-5°	23780.1	12519.9	6504.7	4653.9	4125.2	3863.7	3666.1	3343.2	2985.3	2683.2	2323.8
-7.5°	19235.4	9964.9	5621.6	4238.6	3802.2	3606.8	3441.0	3162.7	2818.9	2552.7	2175.9
-10°	13646.2	7303.4	4682.9	3794.2	3491.8	3352.9	3225.1	2954.6	2648.8	2415.4	2001.2
-12.5°	9811.5	5290.0	3772.3	3329.6	3201.7	3128.0	3026.0	2730.2	2480.0	2274.8	1803.2
-15°	5913.8	4091.1	3340.0	3050.4	2947.8	2909.7	2823.2	2545.0	2349.1	2136.1	1584.9
-17.5°	4274.5	3268.8	2957.7	2831.5	2765.6	2708.2	2605.5	2405.2	2206.7	1938.6	1346.8
-20°	3228.5	2941.5	2758.7	2642.4	2596.6	2547.4	2426.4	2252.3	2042.2	1651.4	1117.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2895.9	2801.8	2675.2	2524.8	2426.5	2362.4	2253.4	2089.0	1858.3	1348.2	893.9
-25°	2761.1	2743.3	2652.9	2505.6	2316.8	2190.4	2096.0	1923.6	1560.8	1071.9	705.8
-27.5°	2694.0	2691.6	2647.5	2472.5	2259.6	2071.3	1937.6	1732.2	1262.0	865.7	679.1
-30°	2649.0	2618.6	2546.9	2376.7	2149.3	1971.6	1796.5	1407.3	1015.9	709.7	667.7
-32.5°	2577.6	2520.7	2407.3	2192.7	2010.6	1866.7	1508.8	1108.9	781.0	696.8	662.3
-35°	2518.9	2375.8	2183.8	2031.5	1913.8	1570.4	1192.8	859.8	723.1	683.9	658.0
-37.5°	2341.6	2158.8	2023.0	1867.5	1554.7	1220.9	897.1	757.6	708.8	678.4	633.1
-40°	2141.1	1989.2	1730.4	1456.5	1169.5	874.6	790.6	748.5	711.0	658.8	597.5
-42.5°	1788.8	1553.0	1303.5	1049.0	847.4	817.4	786.5	749.9	696.7	625.1	555.8
-45°	1306.0	1087.9	893.2	862.9	832.8	807.7	785.6	725.5	654.4	581.5	511.1
-47.5°	918.7	889.4	863.6	843.4	819.4	789.3	734.6	673.2	600.3	531.1	468.9
-50°	874.4	858.3	841.6	817.3	769.4	719.3	664.5	606.6	541.2	480.6	422.6
-52.5°	848.2	812.2	774.3	734.9	689.1	638.1	586.1	536.6	481.9	426.0	372.5
-55°	751.3	717.6	680.6	641.4	600.8	557.6	512.9	466.5	418.0	367.3	321.5
-57.5°	645.4	615.6	584.6	552.0	518.0	477.7	435.3	392.8	352.9	310.7	270.4
-60°	545.1	520.3	491.1	460.1	427.5	392.3	357.4	322.6	288.2	259.1	228.3
-62.5°	443.1	416.8	392.9	368.4	341.1	311.2	284.0	261.1	238.1	212.8	181.7
-65°	355.5	330.6	307.9	288.0	267.3	245.9	226.5	205.4	182.6	158.3	131.7
-67.5°	280.9	258.0	239.1	221.8	203.1	182.5	163.6	144.1	126.9	109.3	89.6
-70°	210.3	190.3	172.5	155.8	139.1	123.6	110.2	96.3	81.0	68.1	57.0
-72.5°	137.0	121.7	108.0	96.5	85.3	76.5	67.6	58.3	49.1	40.2	33.9
-75°	73.6	65.7	58.1	52.1	45.7	39.0	36.0	34.4	32.7	30.8	28.6
-77.5°	42.1	38.3	35.3	34.2	33.2	32.0	30.7	29.0	27.3	25.6	24.0
-80°	33.3	30.7	28.3	27.4	26.4	25.5	24.5	23.2	21.9	20.8	19.9
-82.5°	24.2	22.3	20.6	20.2	19.8	19.4	18.9	18.3	17.6	17.1	16.6
-85°	17.9	16.5	15.1	14.9	14.7	14.5	14.3	14.0	13.8	13.5	13.2
-87.5°	14.8	13.1	11.3	11.4	11.4	11.5	11.5	11.4	11.4	11.3	11.2
-90°	2.4	2.8	3.2	3.2	3.2	3.2	3.2	3.6	4.0	4.4	4.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.8	10.4	10.0	9.6	9.6	9.6	9.6	9.6	9.2	8.8	8.4
87.5°	4.8	4.8	4.8	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1
85°	4.9	5.0	5.1	5.0	5.3	5.6	5.9	6.2	6.1	6.2	6.2
82.5°	5.2	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.4	6.4	6.4
80°	5.3	5.7	6.1	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4
77.5°	5.7	5.8	6.1	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	9.3	7.0	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4
67.5°	14.5	11.0	8.3	6.7	6.4	6.4	6.4	6.6	6.6	6.4	6.4
65°	23.7	16.3	11.0	8.8	7.2	6.4	6.4	6.7	6.9	6.7	6.4
62.5°	29.5	22.6	15.9	11.4	8.7	7.2	6.4	6.8	7.2	7.1	6.7
60°	31.6	25.0	20.4	15.6	11.0	8.1	7.1	6.9	7.2	7.5	7.1
57.5°	28.5	25.8	22.7	19.0	14.3	9.9	7.8	7.4	7.3	7.7	7.6
55°	23.8	22.5	23.9	21.3	17.1	12.4	9.1	8.0	7.5	7.7	8.0
52.5°	17.9	20.1	22.9	22.9	19.5	14.8	11.2	8.7	8.1	7.8	8.2
50°	13.5	17.3	21.8	23.5	21.6	17.1	12.9	10.0	8.7	8.0	8.3
47.5°	12.5	15.8	19.5	23.9	23.3	19.2	14.7	11.2	9.3	8.5	8.5
45°	13.4	15.7	18.3	22.1	24.7	20.6	16.4	12.1	10.0	9.1	8.7
42.5°	15.3	17.0	18.7	20.6	23.3	21.4	17.9	13.4	10.6	9.7	9.1
40°	19.1	19.3	19.9	21.7	22.2	21.9	18.5	14.6	11.0	10.4	9.7
37.5°	23.8	23.1	22.5	24.5	22.7	21.6	18.7	15.6	12.1	11.1	10.2
35°	31.3	28.5	27.8	29.1	26.6	22.1	18.7	16.2	13.8	12.0	10.6
32.5°	40.1	37.7	36.8	34.9	31.9	23.2	19.1	17.5	15.5	12.9	11.1
30°	52.9	54.7	47.8	41.6	38.2	28.2	21.3	19.1	17.3	13.9	11.7
27.5°	78.7	76.4	61.8	51.5	44.5	34.9	26.0	21.0	19.0	15.1	12.5
25°	111.8	102.7	83.1	63.5	51.5	36.3	26.0	21.0	19.0	15.1	12.5
22.5°	155.7	133.2	107.6	76.6	63.5	51.5	36.3	26.0	21.0	15.1	12.5
20°	206.5	167.6	144.3	127.5	121.2	113.1	64.2	32.6	24.1	19.3	14.9
17.5°	271.2	239.1	231.6	193.4	164.1	144.1	88.9	37.8	26.1	20.6	15.8
15°	446.4	352.9	325.1	267.0	209.6	177.2	116.7	43.4	28.0	21.9	16.5
12.5°	666.9	467.4	423.6	346.6	257.1	212.0	146.5	49.0	30.0	23.1	17.1
10°	910.4	581.9	525.5	430.3	305.9	247.8	177.4	55.7	33.4	24.4	17.7
7.5°	1166.9	695.7	629.1	515.7	354.3	282.2	209.4	64.6	37.1	25.6	18.1
5°	1404.5	794.2	715.1	587.7	397.5	314.1	240.2	73.4	40.9	26.8	18.6
2.5°	1539.8	868.7	787.2	653.8	439.3	344.5	268.4	81.9	44.5	27.9	18.9
0°	1649.6	940.1	855.2	714.3	478.9	373.2	293.1	89.7	48.0	28.8	19.2
-2.5°	1620.9	929.1	842.5	708.7	491.1	381.8	296.7	104.2	59.4	36.3	22.9
-5°	1564.5	914.9	826.0	697.6	500.2	388.2	296.5	117.6	70.3	43.4	26.5
-7.5°	1456.0	882.8	800.5	681.2	505.7	392.0	293.1	130.0	80.4	50.1	29.8
-10°	1317.5	839.5	764.3	653.2	498.0	390.7	287.2	141.0	89.7	56.1	32.7
-12.5°	1156.9	795.2	728.9	623.4	486.1	385.1	279.7	150.5	97.8	61.3	35.2
-15°	975.8	750.5	695.7	592.7	472.1	378.1	271.1	158.3	104.8	66.0	37.1
-17.5°	780.3	706.0	665.9	562.3	456.1	369.8	261.9	164.4	110.6	70.1	39.1
-20°	724.9	676.7	637.7	533.2	438.6	360.6	252.8	168.8	115.2	73.3	40.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	697.9	660.7	606.0	509.3	422.1	350.5	244.3	171.2	118.5	75.3	41.7
-25°	672.8	645.9	575.8	487.1	408.4	335.6	240.9	171.6	120.5	76.0	41.7
-27.5°	654.8	626.7	545.8	463.1	393.2	323.0	240.3	173.0	121.1	75.5	40.6
-30°	640.9	592.8	517.0	439.3	376.2	306.0	237.1	172.8	120.2	74.2	38.6
-32.5°	629.4	560.3	487.1	419.0	356.2	288.0	226.6	170.7	117.6	71.7	37.2
-35°	599.6	528.6	456.5	396.8	334.8	271.5	213.1	166.8	113.1	67.7	35.6
-37.5°	567.7	495.8	430.7	372.9	312.9	253.2	200.5	155.0	106.9	62.1	33.3
-40°	529.9	463.1	403.9	348.5	290.9	233.3	186.1	141.4	99.1	55.0	30.2
-42.5°	490.2	431.1	375.2	323.0	267.4	215.6	170.0	126.4	86.7	49.3	26.4
-45°	452.3	396.4	343.8	293.3	242.7	196.1	151.8	110.1	72.9	44.0	23.5
-47.5°	411.4	359.1	309.6	261.6	218.9	174.6	132.0	93.8	58.4	37.7	22.6
-50°	367.6	319.4	273.2	231.6	192.2	150.9	111.3	76.5	49.4	29.7	21.5
-52.5°	323.1	277.9	238.5	201.6	163.7	125.4	90.9	59.1	40.0	25.9	20.2
-55°	277.1	239.3	205.2	169.7	133.8	101.0	69.7	47.9	30.1	23.8	18.8
-57.5°	236.8	203.0	169.4	136.0	105.3	76.3	53.4	36.4	26.0	21.7	18.2
-60°	196.5	163.3	131.8	104.2	77.5	55.9	40.0	27.5	23.7	19.8	17.5
-62.5°	151.3	122.6	97.6	73.3	55.2	40.7	28.3	25.0	21.4	18.8	16.7
-65°	109.1	86.3	64.3	51.3	38.2	28.4	25.6	22.5	19.9	17.7	15.9
-67.5°	69.7	56.9	44.3	32.6	28.1	25.5	23.0	20.6	18.5	16.6	15.1
-70°	45.9	34.9	29.5	27.1	24.9	22.7	20.9	18.9	17.0	15.8	14.4
-72.5°	31.1	28.4	25.8	23.7	22.3	20.7	18.9	17.3	16.3	15.0	13.6
-75°	26.3	24.5	23.1	21.9	20.5	18.9	17.6	16.6	15.6	14.3	12.7
-77.5°	22.8	21.7	20.9	19.9	18.6	17.5	16.7	16.0	14.7	13.3	11.9
-80°	19.3	18.7	18.1	17.3	16.5	16.0	15.5	14.9	13.6	12.3	11.0
-82.5°	16.1	15.7	15.4	15.1	14.7	14.4	14.0	13.6	12.4	11.2	10.2
-85°	13.2	13.2	13.2	13.3	13.0	12.8	12.6	12.3	11.3	10.4	9.6
-87.5°	11.3	11.4	11.5	11.4	11.3	11.2	11.1	10.9	10.3	9.6	9.0
-90°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	5.6	6.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.0	7.6	7.2	6.8	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.5	6.4	6.4	6.4	6.4	6.4
72.5°	6.5	6.6	6.6	6.4	6.4	6.4	6.4
70°	6.5	6.8	6.7	6.4	6.4	6.4	6.4
67.5°	6.6	6.9	6.9	6.6	6.4	6.4	6.4
65°	6.6	7.0	7.0	6.7	6.4	6.4	6.4
62.5°	6.7	7.0	7.2	6.9	6.4	6.4	6.4
60°	6.7	7.1	7.4	7.1	6.4	6.4	6.4
57.5°	7.1	7.1	7.4	7.2	6.5	6.4	6.4
55°	7.5	7.2	7.5	7.4	6.6	6.4	6.4
52.5°	7.9	7.2	7.5	7.6	6.7	6.4	6.4
50°	8.3	7.6	7.6	7.8	6.9	6.4	6.4
47.5°	8.6	7.9	7.6	7.9	7.0	6.4	6.4
45°	8.8	8.2	7.7	7.9	7.1	6.4	6.4
42.5°	9.1	8.5	7.7	8.0	7.2	6.4	6.4
40°	9.3	8.8	7.9	8.0	7.3	6.4	6.4
37.5°	9.6	9.1	8.1	8.1	7.3	6.4	6.4
35°	9.9	9.3	8.3	8.1	7.4	6.4	6.4
32.5°	10.2	9.6	8.5	8.2	7.5	6.4	6.4
30°	10.6	9.8	8.7	8.2	7.6	6.4	6.4
27.5°	11.0	10.1	8.9	8.3	7.6	6.4	6.4
25°	11.4	10.4	9.1	8.4	7.7	6.4	6.4
22.5°	11.8	10.6	9.2	8.5	7.8	6.4	6.4
20°	12.1	10.7	9.3	8.6	7.8	6.4	6.4
17.5°	12.4	10.8	9.4	8.8	7.9	6.4	6.4
15°	12.7	10.9	9.5	8.9	7.9	6.4	6.4
12.5°	13.0	11.0	9.5	9.0	7.9	6.4	6.4
10°	13.3	11.1	9.6	9.1	8.0	6.4	6.4
7.5°	13.6	11.1	9.6	9.3	8.0	6.4	6.4
5°	13.9	11.2	9.6	9.4	8.0	6.4	6.4
2.5°	14.2	11.2	9.6	9.5	8.0	6.4	6.4
0°	14.4	11.2	9.6	9.6	8.0	6.4	6.4
-2.5°	15.7	11.5	9.9	9.7	8.1	6.4	6.4
-5°	16.9	11.9	10.2	9.8	8.1	6.5	6.4
-7.5°	17.9	12.2	10.4	9.9	8.2	6.5	6.4
-10°	18.9	12.5	10.7	9.9	8.2	6.5	6.4
-12.5°	19.7	12.8	10.9	10.0	8.3	6.6	6.4
-15°	20.3	13.0	11.2	10.1	8.3	6.6	6.4
-17.5°	20.7	13.3	11.4	10.1	8.3	6.6	6.4
-20°	21.1	13.5	11.5	10.1	8.4	6.7	6.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.6	13.7	11.7	10.2	8.4	6.7	6.4
-25°	21.7	14.0	11.8	10.2	8.4	6.7	6.4
-27.5°	21.3	14.3	11.9	10.2	8.4	6.7	6.4
-30°	20.5	14.4	12.0	10.2	8.4	6.7	6.4
-32.5°	19.2	14.5	12.0	10.1	8.4	6.8	6.4
-35°	18.8	14.5	12.0	10.1	8.3	6.8	6.4
-37.5°	18.7	14.4	12.0	10.1	8.3	6.8	6.4
-40°	18.5	14.4	12.0	10.0	8.3	6.8	6.4
-42.5°	18.2	14.3	12.0	10.0	8.2	6.8	6.4
-45°	17.6	14.2	11.9	9.9	8.2	6.8	6.4
-47.5°	16.9	14.1	11.7	9.8	8.1	6.8	6.4
-50°	16.6	13.9	11.6	9.7	8.1	6.8	6.4
-52.5°	16.3	13.7	11.4	9.6	8.0	6.8	6.4
-55°	15.9	13.4	11.2	9.5	7.9	6.8	6.4
-57.5°	15.5	13.1	11.0	9.3	7.9	6.8	6.4
-60°	15.0	12.7	10.8	9.2	7.8	6.7	6.4
-62.5°	14.5	12.3	10.5	9.0	7.7	6.7	6.4
-65°	13.9	11.9	10.2	8.8	7.6	6.7	6.4
-67.5°	13.3	11.4	9.9	8.6	7.5	6.7	6.4
-70°	12.6	11.0	9.5	8.4	7.4	6.7	6.4
-72.5°	11.9	10.4	9.2	8.2	7.3	6.6	6.4
-75°	11.2	9.9	8.8	8.0	7.2	6.6	6.4
-77.5°	10.4	9.4	8.5	7.8	7.1	6.6	6.4
-80°	9.7	8.9	8.3	7.6	6.9	6.5	6.4
-82.5°	9.2	8.6	8.0	7.4	6.8	6.5	6.4
-85°	8.8	8.3	7.7	7.2	6.7	6.5	6.4
-87.5°	8.4	7.9	7.5	7.0	6.5	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)