

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: P1306163 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-2S-CV5-A**

Issue Date: 2/3/2026

Test Information

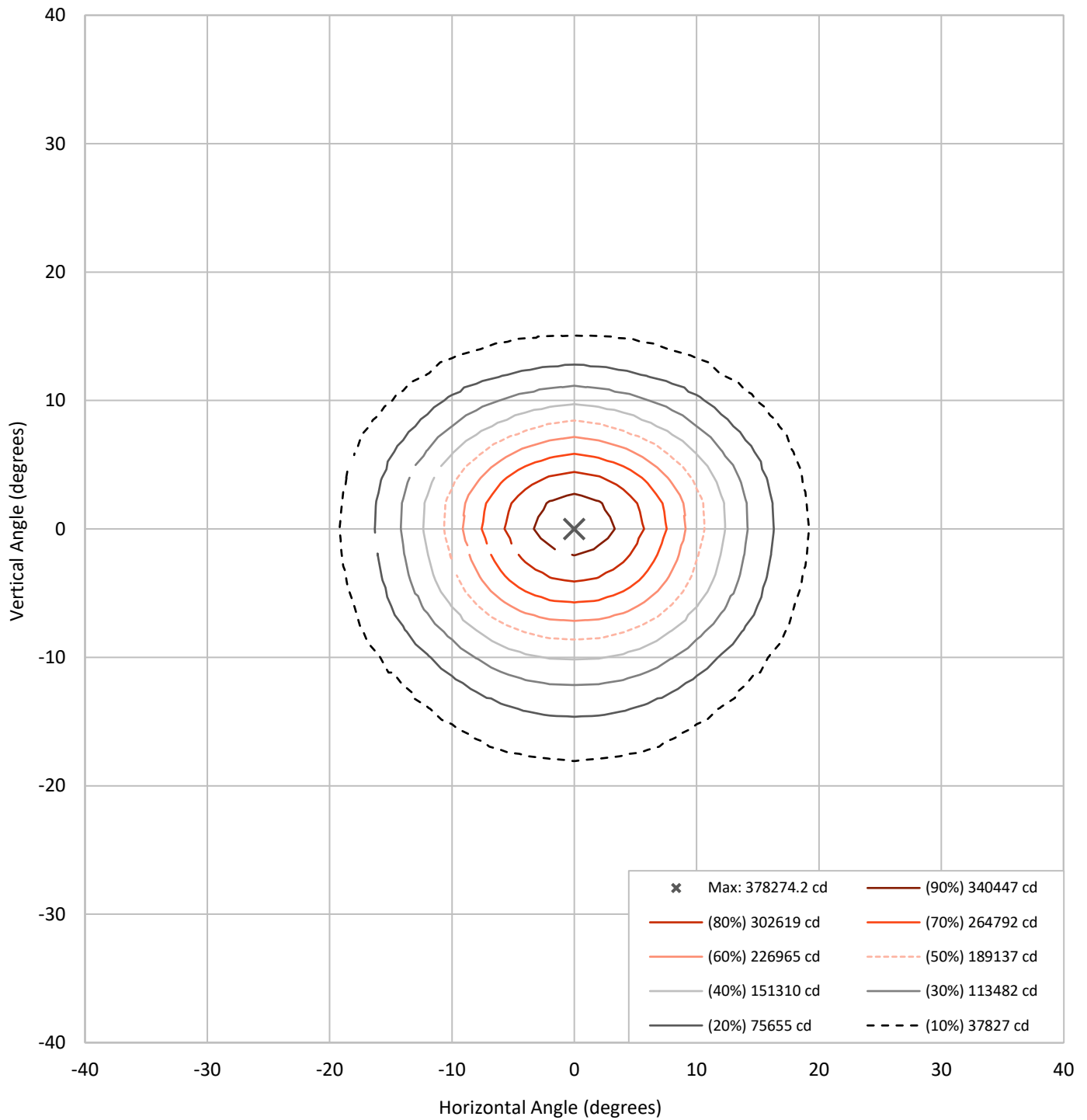
Test Method: LM-79-08
Report Number: P1306163 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-2S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 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:	51021.4 lumens	Max Intensity:	378274.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.7 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:	22328.2 lumens	Field Lumens:	43217.8 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





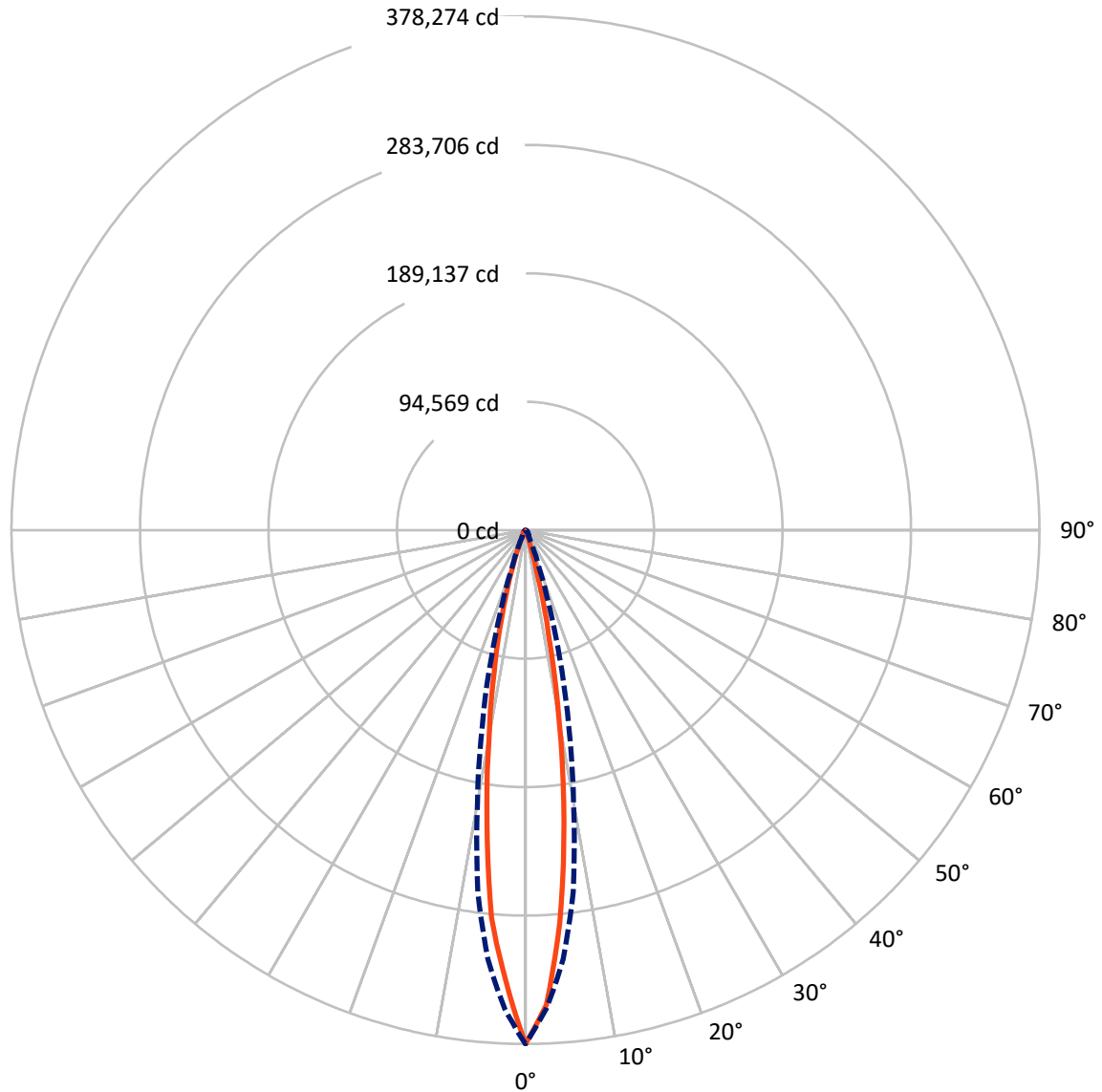
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Lumen Table

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	0.3	0.3	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	2.5	2.5	2.2	1.9	1.4	0.7	0.5	0.2				
30	0.3	0.4	1.3	3.3	6.4	8.2	14.5	30.7	30.7	14.5	8.2	6.4	3.3	1.3	0.4	0.3			
20		1.0	4.7	15.7	32.8	59.5	410.5	1264.3	1264.3	410.5	59.5	32.8	15.7	4.7	1.0				
10	0.3	1.8	9.7	38.1	76.4	242.8	2369.9	7044.7	7044.7	2369.9	242.8	76.4	38.1	9.7	1.8	0.3			
0		2.3	11.6	44.6	87.2	253.3	2418.9	7082.6	7082.6	2418.9	253.3	87.2	44.6	11.6	2.3				
-10	0.5	2.5	10.1	33.3	67.4	109.3	668.0	1984.2	1984.2	668.0	109.3	67.4	33.3	10.1	2.5	0.5			
-20		2.4	8.5	19.7	50.1	71.2	107.6	225.9	225.9	107.6	71.2	50.1	19.7	8.5	2.4				
-30	0.5	2.1	6.9	13.7	30.7	58.7	74.8	80.4	80.4	74.8	58.7	30.7	13.7	6.9	2.1	0.5			
-40		1.5	5.1	11.0	18.6	30.0	48.8	63.4	63.4	48.8	30.0	18.6	11.0	5.1	1.5				
-50	0.3	0.7	3.0	6.9	12.6	18.3	22.6	25.1	25.1	22.6	18.3	12.6	6.9	3.0	0.7	0.3			
-60		0.3	1.0	2.9	5.6	8.6	11.7	13.6	13.6	11.7	8.6	5.6	2.9	1.0	0.3				
-70	0.2	1.0		2.6		6.4		10.0		6.4		2.6		1.0		0.2			
-80		1.0		2.6		6.4		10.0		6.4		2.6		1.0					
-90	0.2	1.0		2.6		6.4		10.0		6.4		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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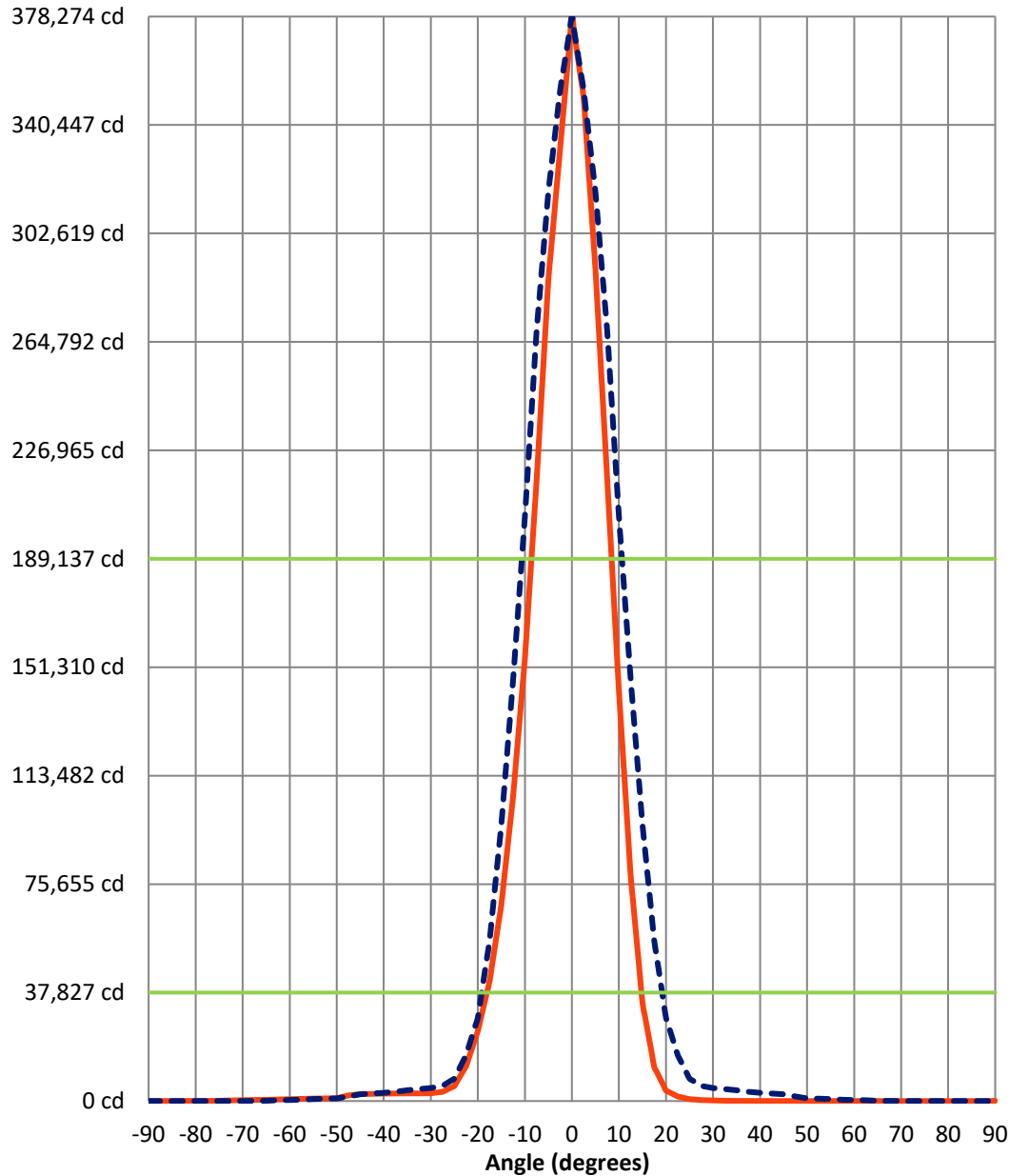
Luminous Intensity Polar Plot



— 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: 22328.2
Efficiency: 43.8%

Field:
H Angle: 38.4°
V Angle: 32.9°
Lumens: 43217.8
Efficiency: 84.7%

Spill:
Lumens: 7803.6
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°	6.3	6.3	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.0	9.4
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.8	5.6	5.4
85°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	6.1	6.0	6.1
82.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
80°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
77.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
75°	6.3	6.3	6.3	6.3	6.3	6.4	6.3	6.3	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.5	6.5	6.4	6.3	6.3	6.3	6.3
70°	6.3	6.3	6.3	6.3	6.6	6.7	6.4	6.3	6.3	6.3	6.4
67.5°	6.3	6.3	6.3	6.5	6.8	6.8	6.5	6.3	6.3	6.5	6.5
65°	6.3	6.3	6.3	6.6	6.9	6.9	6.5	6.3	6.6	6.8	6.6
62.5°	6.3	6.3	6.3	6.8	7.1	6.9	6.6	6.6	7.0	7.1	6.7
60°	6.3	6.3	6.3	7.0	7.3	7.0	6.6	7.0	7.4	7.1	6.8
57.5°	6.3	6.3	6.4	7.1	7.3	7.0	7.0	7.5	7.6	7.2	7.3
55°	6.3	6.3	6.5	7.3	7.4	7.1	7.4	7.9	7.6	7.4	7.9
52.5°	6.3	6.3	6.6	7.5	7.4	7.1	7.8	8.1	7.7	8.0	8.5
50°	6.3	6.3	6.8	7.7	7.5	7.5	8.1	8.2	7.9	8.5	9.9
47.5°	6.3	6.3	6.9	7.8	7.5	7.8	8.5	8.4	8.4	9.1	11.0
45°	6.3	6.3	7.0	7.8	7.6	8.1	8.7	8.6	9.0	9.8	11.9
42.5°	6.3	6.3	7.1	7.9	7.6	8.4	8.9	9.0	9.5	10.4	13.1
40°	6.3	6.3	7.2	7.9	7.8	8.7	9.2	9.5	10.2	10.8	14.3
37.5°	6.3	6.3	7.2	7.9	8.0	8.9	9.4	10.0	10.9	11.9	15.3
35°	6.3	6.3	7.3	8.0	8.2	9.2	9.7	10.5	11.7	13.6	15.9
32.5°	6.3	6.3	7.4	8.1	8.4	9.4	10.1	10.9	12.7	15.3	17.2
30°	6.3	6.3	7.5	8.1	8.6	9.6	10.5	11.5	13.6	17.0	18.8
27.5°	6.3	6.3	7.5	8.2	8.8	9.9	10.9	12.2	14.8	18.7	20.7
25°	6.3	6.3	7.6	8.3	8.9	10.2	11.2	13.0	16.2	20.3	22.9
22.5°	6.3	6.3	7.7	8.4	9.0	10.4	11.6	13.9	17.6	21.9	27.2
20°	6.3	6.3	7.7	8.5	9.1	10.5	11.9	14.7	19.0	23.7	32.0
17.5°	6.3	6.3	7.8	8.6	9.2	10.6	12.2	15.5	20.3	25.6	37.2
15°	6.3	6.3	7.8	8.7	9.3	10.7	12.5	16.3	21.5	27.6	42.6
12.5°	6.3	6.3	7.8	8.8	9.3	10.8	12.8	16.8	22.8	29.6	48.2
10°	6.3	6.3	7.9	9.0	9.4	10.9	13.1	17.4	24.0	32.9	54.8
7.5°	6.3	6.3	7.9	9.1	9.4	10.9	13.4	17.9	25.2	36.5	63.5
5°	6.3	6.3	7.9	9.2	9.4	11.0	13.7	18.3	26.3	40.2	72.1
2.5°	6.3	6.3	7.9	9.3	9.4	11.0	14.0	18.6	27.4	43.8	80.4
0°	6.3	6.3	7.9	9.4	9.4	11.0	14.2	18.9	28.3	47.2	88.1
-2.5°	6.3	6.3	8.0	9.5	9.7	11.3	15.4	22.6	35.6	58.4	102.3
-5°	6.3	6.4	8.0	9.6	10.0	11.7	16.6	26.1	42.7	69.1	115.6
-7.5°	6.3	6.4	8.1	9.7	10.2	12.0	17.7	29.3	49.2	79.1	127.7
-10°	6.3	6.4	8.1	9.7	10.5	12.3	18.6	32.2	55.1	88.1	138.6
-12.5°	6.3	6.5	8.2	9.8	10.7	12.6	19.4	34.6	60.2	96.1	147.9
-15°	6.3	6.5	8.2	9.9	11.0	12.8	20.0	36.5	64.8	103.0	155.6
-17.5°	6.3	6.5	8.2	9.9	11.2	13.1	20.3	38.4	68.9	108.7	161.6
-20°	6.3	6.6	8.2	9.9	11.3	13.3	20.7	40.2	72.0	113.2	165.8



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 CATALOG NUMBER: EPH-08-530N-40-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.3	6.6	8.2	10.0	11.5	13.5	21.2	41.0	74.0	116.5	168.2
-25°	6.3	6.6	8.2	10.0	11.6	13.8	21.3	41.0	74.7	118.3	168.6
-27.5°	6.3	6.6	8.2	10.0	11.7	14.0	21.0	40.0	74.2	118.9	170.0
-30°	6.3	6.6	8.2	10.0	11.8	14.2	20.2	37.9	72.9	118.1	169.8
-32.5°	6.3	6.7	8.2	9.9	11.8	14.3	18.9	36.5	70.5	115.5	167.8
-35°	6.3	6.7	8.2	9.9	11.8	14.3	18.5	35.0	66.5	111.2	163.9
-37.5°	6.3	6.7	8.2	9.9	11.8	14.2	18.5	32.7	61.0	105.0	152.3
-40°	6.3	6.7	8.1	9.8	11.8	14.2	18.3	29.7	54.0	97.3	138.9
-42.5°	6.3	6.7	8.1	9.8	11.7	14.1	17.9	26.0	48.4	85.2	124.2
-45°	6.3	6.7	8.1	9.7	11.6	14.0	17.3	23.2	43.3	71.6	108.2
-47.5°	6.3	6.7	8.0	9.6	11.5	13.8	16.6	22.3	37.1	57.4	92.1
-50°	6.3	6.7	8.0	9.5	11.4	13.6	16.3	21.2	29.3	48.6	75.1
-52.5°	6.3	6.7	7.9	9.4	11.2	13.4	16.0	19.9	25.5	39.3	58.0
-55°	6.3	6.7	7.8	9.3	11.0	13.1	15.6	18.5	23.4	29.6	47.1
-57.5°	6.3	6.7	7.8	9.2	10.8	12.8	15.2	17.9	21.3	25.6	35.8
-60°	6.3	6.6	7.7	9.0	10.6	12.5	14.7	17.2	19.5	23.3	27.0
-62.5°	6.3	6.6	7.6	8.8	10.3	12.1	14.2	16.4	18.5	21.0	24.6
-65°	6.3	6.6	7.5	8.6	10.0	11.7	13.7	15.6	17.4	19.5	22.1
-67.5°	6.3	6.6	7.4	8.5	9.7	11.2	13.1	14.9	16.3	18.2	20.2
-70°	6.3	6.6	7.3	8.3	9.4	10.8	12.4	14.1	15.5	16.7	18.5
-72.5°	6.3	6.5	7.2	8.1	9.0	10.3	11.7	13.4	14.8	16.0	17.0
-75°	6.3	6.5	7.1	7.9	8.7	9.7	11.0	12.5	14.0	15.3	16.3
-77.5°	6.3	6.5	7.0	7.7	8.4	9.2	10.2	11.6	13.1	14.5	15.7
-80°	6.3	6.4	6.8	7.5	8.1	8.8	9.5	10.7	12.1	13.3	14.6
-82.5°	6.3	6.4	6.7	7.3	7.9	8.5	9.0	10.0	11.0	12.2	13.4
-85°	6.3	6.4	6.6	7.1	7.6	8.2	8.7	9.4	10.2	11.1	12.1
-87.5°	6.3	6.3	6.4	6.9	7.4	7.8	8.3	8.9	9.4	10.1	10.7
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.9	5.5	5.1	4.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.4	9.4	9.4	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2
87.5°	5.3	5.1	4.9	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5
85°	5.8	5.5	5.2	4.9	5.0	4.9	4.8	4.7	4.5	4.3	4.2
82.5°	6.1	5.9	5.8	5.9	5.7	5.5	5.1	4.7	4.7	4.7	4.7
80°	6.2	6.3	6.3	6.3	6.0	5.6	5.2	4.8	4.7	4.8	4.8
77.5°	6.3	6.3	6.3	6.3	6.0	5.7	5.6	5.6	5.6	5.4	5.2
75°	6.3	6.3	6.3	6.3	6.2	6.2	6.3	6.3	6.2	6.0	6.0
72.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	7.6	9.3	10.5
70°	6.3	6.3	6.3	6.3	6.3	6.8	9.2	12.2	15.3	17.1	19.1
67.5°	6.3	6.3	6.3	6.6	8.2	10.8	14.3	20.9	28.4	30.6	30.6
65°	6.3	6.3	7.1	8.7	10.8	16.1	23.3	32.2	38.9	37.8	35.1
62.5°	6.3	7.1	8.5	11.2	15.7	22.3	29.1	35.5	42.1	40.3	34.3
60°	7.0	7.9	10.9	15.4	20.1	24.7	31.2	35.3	38.8	39.0	30.0
57.5°	7.7	9.7	14.1	18.7	22.4	25.4	28.1	31.3	32.3	31.6	23.0
55°	9.0	12.3	16.9	21.0	23.5	22.2	23.5	24.2	23.7	21.6	15.2
52.5°	11.0	14.6	19.2	22.6	22.6	19.8	17.6	17.7	16.1	13.2	11.2
50°	12.7	16.9	21.3	23.1	21.4	17.0	13.3	12.9	11.8	10.5	9.4
47.5°	14.5	19.0	22.9	23.5	19.2	15.6	12.3	11.2	10.5	10.3	9.8
45°	16.1	20.2	24.3	21.8	18.1	15.4	13.2	11.0	11.2	11.1	10.6
42.5°	17.6	21.0	22.9	20.3	18.5	16.7	15.0	13.5	12.6	12.8	12.7
40°	18.1	21.5	21.8	21.4	19.6	19.0	18.7	17.5	14.9	16.1	16.4
37.5°	18.4	21.3	22.3	24.1	22.2	22.8	23.5	23.8	22.0	20.8	23.9
35°	18.4	21.7	26.2	28.6	27.4	28.0	30.8	31.9	31.1	30.6	36.4
32.5°	18.7	22.8	31.4	34.3	36.2	37.1	39.4	41.7	43.9	47.4	58.2
30°	20.9	27.7	37.6	40.8	47.0	53.8	52.0	53.2	59.0	80.3	98.8
27.5°	25.5	34.4	43.8	50.6	60.8	75.1	77.4	71.1	89.6	122.2	152.7
25°	31.0	55.3	50.6	62.4	81.7	100.9	109.9	114.0	136.0	179.9	214.1
22.5°	42.7	83.4	81.4	75.3	105.7	130.9	153.0	197.0	258.7	272.6	279.9
20°	63.1	111.2	119.1	125.3	141.9	164.7	202.9	308.1	439.5	487.9	437.7
17.5°	87.4	141.6	161.2	190.0	227.6	234.9	266.4	440.7	666.7	745.7	761.0
15°	114.7	174.1	206.0	262.4	319.5	346.8	438.7	655.1	915.4	1044.4	1133.6
12.5°	144.0	208.3	252.7	340.7	416.2	459.3	655.4	985.3	1235.2	1385.8	1621.4
10°	174.3	243.5	300.6	422.9	516.3	571.8	894.7	1326.3	1578.1	1749.3	2052.5
7.5°	205.8	277.4	348.2	506.9	618.1	683.7	1146.7	1670.4	1912.0	2098.7	2404.1
5°	236.0	308.6	390.6	577.5	702.7	780.6	1380.3	2008.0	2236.4	2434.3	2707.8
2.5°	263.8	338.5	431.7	642.4	773.6	853.7	1513.1	2200.9	2443.1	2678.7	2978.3
0°	288.0	366.7	470.6	701.9	840.4	923.8	1621.0	2368.6	2618.9	2875.4	3234.2
-2.5°	291.6	375.2	482.6	696.4	828.0	913.0	1592.8	2342.7	2647.0	2946.4	3321.0
-5°	291.3	381.5	491.5	685.5	811.8	899.0	1537.4	2283.6	2636.8	2933.6	3285.3
-7.5°	288.0	385.3	496.9	669.3	786.7	867.5	1430.8	2138.3	2508.5	2770.1	3108.0
-10°	282.2	383.9	489.4	641.9	751.1	825.0	1294.7	1966.6	2373.6	2603.0	2903.5
-12.5°	274.9	378.4	477.7	612.6	716.3	781.4	1136.8	1772.0	2235.5	2437.0	2683.0
-15°	266.4	371.6	463.9	582.5	683.7	737.5	958.9	1557.4	2099.2	2308.4	2501.0
-17.5°	257.4	363.5	448.3	552.6	654.4	693.8	766.9	1323.4	1905.1	2168.5	2363.6
-20°	248.4	354.4	431.0	524.0	626.7	665.0	712.4	1098.4	1622.8	2006.9	2213.3



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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°	240.0	344.5	414.8	500.5	595.5	649.3	685.8	878.5	1324.9	1826.2	2052.8
-25°	236.7	329.8	401.3	478.7	565.8	634.8	661.2	693.5	1053.4	1533.8	1890.3
-27.5°	236.1	317.4	386.4	455.1	536.4	615.9	643.5	667.4	850.7	1240.2	1702.2
-30°	232.9	300.7	369.7	431.7	508.0	582.6	629.9	656.2	697.4	998.3	1383.0
-32.5°	222.7	283.0	350.0	411.7	478.7	550.6	618.6	650.9	684.7	767.5	1089.7
-35°	209.4	266.7	329.0	389.9	448.6	519.5	589.3	646.6	672.1	710.6	844.9
-37.5°	197.0	248.8	307.4	366.5	423.2	487.2	557.9	622.1	666.6	696.5	744.5
-40°	182.9	229.3	285.8	342.4	396.9	455.1	520.7	587.2	647.3	698.6	735.5
-42.5°	167.1	211.9	262.7	317.4	368.7	423.7	481.8	546.1	614.3	684.6	736.9
-45°	149.2	192.8	238.6	288.2	337.9	389.5	444.5	502.3	571.4	643.1	712.8
-47.5°	129.7	171.6	215.1	257.1	304.3	352.9	404.2	460.7	521.9	589.9	661.5
-50°	109.3	148.3	188.9	227.6	268.5	313.8	361.2	415.3	472.3	531.8	596.1
-52.5°	89.4	123.2	160.8	198.2	234.4	273.0	317.5	366.1	418.6	473.5	527.3
-55°	68.4	99.3	131.4	166.7	201.7	235.2	272.2	316.0	360.9	410.8	458.5
-57.5°	52.5	75.0	103.4	133.6	166.5	199.5	232.7	265.7	305.3	346.7	385.9
-60°	39.3	54.9	76.1	102.4	129.5	160.5	193.1	224.3	254.6	283.2	317.0
-62.5°	27.8	40.0	54.2	71.9	95.8	120.5	148.6	178.5	209.1	233.9	256.5
-65°	25.2	28.0	37.6	50.4	63.2	84.7	107.2	129.4	155.5	179.4	201.8
-67.5°	22.6	25.1	27.6	32.0	43.5	55.9	68.4	88.0	107.4	124.7	141.6
-70°	20.5	22.3	24.4	26.6	29.0	34.3	45.1	56.0	66.9	79.6	94.6
-72.5°	18.6	20.4	22.0	23.3	25.4	27.9	30.5	33.3	39.5	48.3	57.3
-75°	17.3	18.6	20.1	21.6	22.8	24.1	25.9	28.2	30.3	32.2	33.9
-77.5°	16.4	17.2	18.3	19.6	20.6	21.4	22.4	23.7	25.2	26.9	28.6
-80°	15.2	15.7	16.2	17.0	17.8	18.4	19.0	19.6	20.5	21.6	22.8
-82.5°	13.8	14.1	14.5	14.8	15.1	15.4	15.8	16.3	16.8	17.3	17.9
-85°	12.4	12.6	12.8	13.1	13.0	12.9	12.9	13.0	13.2	13.5	13.8
-87.5°	10.9	11.0	11.1	11.2	11.3	11.2	11.1	11.0	11.1	11.2	11.2
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.3	3.9	3.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.6	12.6	12.6	12.6	12.6	16.9	21.2	25.6	29.9	37.4	44.8
87.5°	3.1	3.1	3.1	3.1	3.1	2.7	2.4	2.0	1.6	1.6	1.6
85°	4.1	3.9	3.7	3.4	3.1	3.0	3.0	3.0	3.0	2.7	2.3
82.5°	4.7	4.3	3.9	3.5	3.1	2.8	2.5	2.2	1.8	1.7	1.6
80°	4.7	4.4	4.0	3.6	3.2	3.0	2.9	2.9	2.9	3.0	3.0
77.5°	4.9	4.7	4.3	3.8	3.2	3.1	3.1	3.1	3.1	2.8	2.4
75°	6.1	6.0	5.9	5.5	4.8	4.5	4.2	3.8	3.2	3.1	3.0
72.5°	11.2	11.1	10.5	9.9	8.7	7.9	7.7	7.3	6.9	6.8	6.7
70°	19.8	19.4	18.3	16.2	13.2	11.1	10.3	9.3	8.3	7.8	7.8
67.5°	27.9	24.7	21.8	18.7	15.0	12.2	10.7	9.2	7.5	6.7	6.5
65°	30.9	24.8	20.5	17.0	14.3	11.7	9.7	7.8	6.1	5.3	5.5
62.5°	27.8	20.5	16.0	13.0	10.7	9.1	7.5	6.2	5.2	4.7	4.8
60°	22.0	14.9	11.0	9.2	7.6	6.4	5.6	4.9	4.2	3.7	3.9
57.5°	15.9	10.7	7.8	7.2	6.3	5.2	4.5	4.2	4.1	4.2	4.5
55°	10.8	8.9	7.9	7.1	6.2	5.3	4.7	4.7	4.7	4.7	4.7
52.5°	9.0	8.5	8.1	7.3	6.4	5.5	4.7	4.7	4.7	4.7	4.7
50°	9.0	8.6	8.2	7.6	6.7	5.8	4.8	4.9	5.3	5.6	5.6
47.5°	9.2	8.8	8.5	8.0	7.2	6.8	6.3	6.4	7.0	7.2	7.1
45°	9.6	9.7	9.6	9.5	8.8	9.0	9.0	9.1	11.2	11.1	9.8
42.5°	11.8	12.6	13.2	13.7	11.7	15.3	20.7	23.2	20.3	16.4	13.9
40°	17.8	18.6	22.3	24.2	29.7	35.0	30.2	24.4	21.8	23.7	25.2
37.5°	28.3	33.6	40.9	49.4	46.0	36.6	36.8	36.7	35.8	38.9	38.8
35°	47.4	59.4	66.7	65.1	60.2	57.5	60.1	62.8	56.6	62.1	63.5
32.5°	76.3	90.7	92.6	87.6	88.0	92.7	101.3	100.1	102.0	108.2	115.4
30°	110.1	127.2	133.8	124.8	118.3	129.7	134.5	138.8	152.8	171.1	187.5
27.5°	165.7	178.3	189.6	180.1	161.3	175.4	185.3	182.4	220.8	241.4	287.3
25°	235.5	253.3	259.8	263.2	256.9	254.2	279.1	291.8	344.9	401.2	496.9
22.5°	321.6	370.0	383.7	365.8	385.9	400.0	416.8	473.7	579.9	752.6	999.3
20°	430.9	529.6	609.1	596.2	548.9	609.4	677.9	857.1	1167.3	1865.0	2435.9
17.5°	776.8	778.5	937.3	1001.1	923.1	1054.4	1390.7	1973.7	3256.1	5609.4	7135.0
15°	1311.3	1346.6	1419.7	1505.2	1645.6	1988.4	2665.8	5109.0	8788.1	13878.6	19102.1
12.5°	1877.9	1957.7	2082.7	2152.7	2439.2	3356.7	6262.3	11612.0	19377.9	29177.7	45433.8
10°	2364.8	2577.2	2738.3	2957.1	3696.3	5851.4	10865.2	20108.9	35763.2	56905.9	81893.9
7.5°	2709.2	3020.0	3292.3	3703.8	5238.8	9583.0	17992.2	33370.0	57015.2	86872.7	121318.6
5°	3055.4	3448.7	3754.1	4296.5	6223.9	12382.0	23572.5	45795.5	79938.7	120584.3	166652.1
2.5°	3407.3	3849.4	4185.9	4856.9	6854.1	13801.2	26403.5	53211.0	95096.7	144587.7	200517.6
0°	3761.5	4180.1	4534.2	5292.8	7833.0	16034.2	29070.3	56041.1	96509.1	147027.6	203798.9
-2.5°	3745.1	4021.6	4345.8	4933.7	7145.0	14760.3	27019.7	52962.6	91361.8	138220.3	189703.4
-5°	3602.6	3796.9	4053.8	4573.4	6392.1	12303.3	23368.7	45272.9	80692.8	123623.4	167999.1
-7.5°	3381.4	3544.4	3736.4	4165.2	5524.3	9792.4	18902.6	36311.2	64011.7	95114.6	129142.4
-10°	3169.2	3294.9	3431.4	3728.6	4601.8	7177.0	13410.1	24604.6	44559.3	67827.4	93723.0
-12.5°	2973.6	3073.8	3146.4	3272.0	3707.0	5198.4	9641.8	17647.1	29110.8	43524.2	62627.3
-15°	2774.4	2859.3	2896.8	2997.6	3282.2	4020.3	5811.5	10847.2	18198.0	27505.9	37192.1
-17.5°	2560.4	2661.3	2717.7	2782.5	2906.5	3212.3	4200.6	6318.0	10762.1	17010.9	23249.5
-20°	2384.4	2503.2	2551.6	2596.6	2711.0	2890.6	3172.7	4124.9	5748.1	9639.9	13519.3



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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°	2214.4	2321.5	2384.4	2481.1	2628.9	2753.3	2845.7	3072.5	3746.7	4808.7	6704.6
-25°	2059.7	2152.4	2276.7	2462.2	2606.9	2695.8	2713.3	2722.9	2915.1	3125.9	3766.0
-27.5°	1904.0	2035.5	2220.4	2429.7	2601.7	2645.0	2647.3	2644.0	2689.8	2721.8	2881.1
-30°	1765.3	1937.5	2112.1	2335.5	2502.9	2573.3	2603.2	2623.7	2647.3	2676.4	2687.0
-32.5°	1482.7	1834.4	1975.8	2154.7	2365.6	2477.0	2533.0	2580.8	2606.9	2632.3	2652.4
-35°	1172.2	1543.3	1880.7	1996.3	2146.0	2334.8	2475.3	2532.5	2580.6	2607.8	2633.2
-37.5°	881.6	1199.8	1527.8	1835.2	1988.0	2121.4	2301.1	2441.0	2529.4	2564.2	2594.8
-40°	776.9	859.5	1149.3	1431.3	1700.5	1954.7	2104.0	2273.1	2408.1	2476.6	2529.5
-42.5°	772.8	803.2	832.8	1030.8	1280.9	1526.1	1757.8	1974.8	2175.1	2311.3	2412.2
-45°	772.0	793.6	818.4	847.9	877.7	1069.1	1283.3	1498.7	1718.5	1924.7	2109.5
-47.5°	721.8	775.6	805.2	828.9	848.7	874.0	902.8	957.3	1136.1	1316.4	1497.1
-50°	653.0	706.8	756.0	803.1	827.1	843.5	859.2	877.2	899.7	922.5	945.6
-52.5°	575.9	627.0	677.2	722.2	760.9	798.2	833.6	849.8	861.7	872.8	882.2
-55°	504.0	547.9	590.3	630.2	668.8	705.2	738.3	766.7	792.9	816.8	835.4
-57.5°	427.8	469.4	509.0	542.5	574.5	604.9	634.2	661.5	686.1	707.8	726.1
-60°	351.2	385.5	420.1	452.1	482.6	511.3	535.6	558.0	578.5	597.3	614.4
-62.5°	279.1	305.8	335.1	362.0	386.1	409.6	435.5	457.8	476.8	493.4	508.9
-65°	222.5	241.6	262.7	283.0	302.6	324.9	349.3	370.7	389.1	404.5	417.7
-67.5°	160.8	179.4	199.5	217.9	234.9	253.5	276.0	297.2	317.0	333.0	345.9
-70°	108.3	121.5	136.7	153.1	169.5	187.0	206.7	225.8	244.2	259.0	271.2
-72.5°	66.5	75.2	83.9	94.8	106.1	119.6	134.6	149.9	165.2	177.7	188.3
-75°	35.4	38.4	45.0	51.2	57.1	64.5	72.3	79.5	86.1	92.2	97.8
-77.5°	30.2	31.5	32.6	33.7	34.7	37.7	41.4	45.3	49.3	53.4	57.5
-80°	24.1	25.0	26.0	26.9	27.9	30.2	32.7	35.2	37.6	40.4	43.2
-82.5°	18.6	19.0	19.5	19.9	20.2	21.9	23.8	25.6	27.4	29.7	31.9
-85°	14.0	14.2	14.4	14.6	14.8	16.2	17.6	18.9	20.3	22.6	25.0
-87.5°	11.3	11.3	11.2	11.2	11.1	12.9	14.6	16.2	17.7	19.7	21.6
-90°	3.1	3.1	3.1	3.1	3.1	2.7	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°	52.3	59.8	63.7	67.7	63.7	59.8	52.3	44.8	37.4	29.9	25.6
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	2.3	2.7	3.0	3.0
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°	3.0	3.1	2.4	1.6	2.4	3.1	3.0	3.0	3.0	2.9	2.9
77.5°	2.0	1.6	2.3	3.1	2.3	1.6	2.0	2.4	2.8	3.1	3.1
75°	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.1	3.2	3.8
72.5°	6.5	6.2	6.3	6.3	6.3	6.2	6.5	6.7	6.8	6.9	7.3
70°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	8.3	9.3
67.5°	6.4	6.4	5.6	4.7	5.6	6.4	6.4	6.5	6.7	7.5	9.2
65°	5.8	6.2	5.6	4.7	5.6	6.2	5.8	5.5	5.3	6.1	7.8
62.5°	4.8	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.7	5.2	6.2
60°	4.2	4.6	4.7	4.7	4.7	4.6	4.2	3.9	3.7	4.2	4.9
57.5°	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.2	4.1	4.2
55°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
52.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
50°	5.3	4.9	4.7	4.7	4.7	4.9	5.3	5.6	5.6	5.3	4.9
47.5°	6.8	6.5	6.3	6.3	6.3	6.5	6.8	7.1	7.2	7.0	6.4
45°	9.7	9.5	9.3	9.4	9.3	9.5	9.7	9.8	11.1	11.2	9.1
42.5°	14.1	14.1	14.1	14.2	14.1	14.1	14.1	13.9	16.4	20.3	23.2
40°	26.5	26.7	26.1	25.2	26.1	26.7	26.5	25.2	23.7	21.8	24.4
37.5°	38.7	39.0	38.9	39.3	38.9	39.0	38.7	38.8	38.9	35.8	36.7
35°	62.7	61.1	57.6	58.2	57.6	61.1	62.7	63.5	62.1	56.6	62.8
32.5°	119.9	118.3	111.6	116.5	111.6	118.3	119.9	115.4	108.2	102.0	100.1
30°	201.9	209.9	213.3	212.5	213.3	209.9	201.9	187.5	171.1	152.8	138.8
27.5°	310.8	328.6	339.7	346.2	339.7	328.6	310.8	287.3	241.4	220.8	182.4
25°	565.5	609.4	634.3	667.3	634.3	609.4	565.5	496.9	401.2	344.9	291.8
22.5°	1264.6	1423.3	1524.2	1595.9	1524.2	1423.3	1264.6	999.3	752.6	579.9	473.7
20°	3280.9	3268.0	3531.0	3673.3	3531.0	3268.0	3280.9	2435.9	1865.0	1167.3	857.1
17.5°	10270.3	11902.6	12316.7	11962.7	12316.7	11902.6	10270.3	7135.0	5609.4	3256.1	1973.7
15°	26399.4	31851.3	34377.8	34342.6	34377.8	31851.3	26399.4	19102.1	13878.6	8788.1	5109.0
12.5°	56926.6	67456.0	74331.2	78490.3	74331.2	67456.0	56926.6	45433.8	29177.7	19377.9	11612.0
10°	103308.8	121346.3	135729.9	142956.1	135729.9	121346.3	103308.8	81893.9	56905.9	35763.2	20108.9
7.5°	153101.5	182286.5	206929.7	217159.2	206929.7	182286.5	153101.5	121318.6	86872.7	57015.2	33370.0
5°	210785.6	257223.3	280287.5	290226.0	280287.5	257223.3	210785.6	166652.1	120584.3	79938.7	45795.5
2.5°	259044.7	305349.5	337586.5	349838.2	337586.5	305349.5	259044.7	200517.6	144587.7	95096.7	53211.0
0°	268704.6	317111.8	352591.6	378274.2	352591.6	317111.8	268704.6	203798.9	147027.6	96509.1	56041.1
-2.5°	248187.3	295485.6	321410.1	332271.8	321410.1	295485.6	248187.3	189703.4	138220.3	91361.8	52962.6
-5°	215758.1	257737.7	281705.9	286519.7	281705.9	257737.7	215758.1	167999.1	123623.4	80692.8	45272.9
-7.5°	164878.1	193937.8	212842.6	216658.8	212842.6	193937.8	164878.1	129142.4	95114.6	64011.7	36311.2
-10°	119906.4	140858.6	152999.1	154312.9	152999.1	140858.6	119906.4	93723.0	67827.4	44559.3	24604.6
-12.5°	80115.7	96532.9	105119.4	106360.5	105119.4	96532.9	80115.7	62627.3	43524.2	29110.8	17647.1
-15°	50204.3	60882.9	67189.2	68556.2	67189.2	60882.9	50204.3	37192.1	27505.9	18198.0	10847.2
-17.5°	30933.4	36334.9	39642.7	41829.4	39642.7	36334.9	30933.4	23249.5	17010.9	10762.1	6318.0
-20°	18087.3	21590.0	23555.7	24449.5	23555.7	21590.0	18087.3	13519.3	9639.9	5748.1	4124.9



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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°	9080.6	10808.7	11985.7	12164.2	11985.7	10808.7	9080.6	6704.6	4808.7	3746.7	3072.5
-25°	4404.0	4885.3	5215.5	5234.6	5215.5	4885.3	4404.0	3766.0	3125.9	2915.1	2722.9
-27.5°	3011.3	3111.5	3176.3	3213.8	3176.3	3111.5	3011.3	2881.1	2721.8	2689.8	2644.0
-30°	2698.2	2713.1	2722.3	2710.1	2722.3	2713.1	2698.2	2687.0	2676.4	2647.3	2623.7
-32.5°	2659.1	2666.1	2671.0	2662.9	2671.0	2666.1	2659.1	2652.4	2632.3	2606.9	2580.8
-35°	2656.0	2675.5	2690.6	2686.5	2690.6	2675.5	2656.0	2633.2	2607.8	2580.6	2532.5
-37.5°	2617.1	2634.1	2645.6	2645.6	2645.6	2634.1	2617.1	2594.8	2564.2	2529.4	2441.0
-40°	2559.1	2582.5	2597.0	2596.8	2597.0	2582.5	2559.1	2529.5	2476.6	2408.1	2273.1
-42.5°	2460.3	2493.0	2508.4	2507.1	2508.4	2493.0	2460.3	2412.2	2311.3	2175.1	1974.8
-45°	2248.3	2353.6	2410.1	2415.8	2410.1	2353.6	2248.3	2109.5	1924.7	1718.5	1498.7
-47.5°	1675.2	1837.5	1937.1	1959.4	1937.1	1837.5	1675.2	1497.1	1316.4	1136.1	957.3
-50°	968.7	990.4	999.6	996.2	999.6	990.4	968.7	945.6	922.5	899.7	877.2
-52.5°	891.4	900.1	906.7	911.2	906.7	900.1	891.4	882.2	872.8	861.7	849.8
-55°	850.6	862.4	869.9	873.5	869.9	862.4	850.6	835.4	816.8	792.9	766.7
-57.5°	741.0	752.7	759.2	761.7	759.2	752.7	741.0	726.1	707.8	686.1	661.5
-60°	628.7	640.1	646.8	650.0	646.8	640.1	628.7	614.4	597.3	578.5	558.0
-62.5°	522.0	532.8	539.3	543.0	539.3	532.8	522.0	508.9	493.4	476.8	457.8
-65°	429.4	439.6	445.2	448.5	445.2	439.6	429.4	417.7	404.5	389.1	370.7
-67.5°	357.4	367.6	374.3	379.3	374.3	367.6	357.4	345.9	333.0	317.0	297.2
-70°	282.4	292.4	296.0	297.5	296.0	292.4	282.4	271.2	259.0	244.2	225.8
-72.5°	197.8	206.1	211.6	215.6	211.6	206.1	197.8	188.3	177.7	165.2	149.9
-75°	102.9	107.4	110.6	113.3	110.6	107.4	102.9	97.8	92.2	86.1	79.5
-77.5°	61.6	65.6	67.5	69.2	67.5	65.6	61.6	57.5	53.4	49.3	45.3
-80°	45.9	48.5	49.5	50.4	49.5	48.5	45.9	43.2	40.4	37.6	35.2
-82.5°	34.0	36.1	37.0	37.8	37.0	36.1	34.0	31.9	29.7	27.4	25.6
-85°	27.4	29.8	30.7	31.5	30.7	29.8	27.4	25.0	22.6	20.3	18.9
-87.5°	23.5	25.3	26.8	28.3	26.8	25.3	23.5	21.6	19.7	17.7	16.2
-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°	21.2	16.9	12.6	12.6	12.6	12.6	12.6	12.2	11.8	11.4	11.0
87.5°	2.4	2.7	3.1	3.1	3.1	3.1	3.1	3.5	3.9	4.3	4.7
85°	3.0	3.0	3.1	3.4	3.7	3.9	4.1	4.2	4.3	4.5	4.7
82.5°	2.5	2.8	3.1	3.5	3.9	4.3	4.7	4.7	4.7	4.7	4.7
80°	2.9	3.0	3.2	3.6	4.0	4.4	4.7	4.8	4.8	4.7	4.8
77.5°	3.1	3.1	3.2	3.8	4.3	4.7	4.9	5.2	5.4	5.6	5.6
75°	4.2	4.5	4.8	5.5	5.9	6.0	6.1	6.0	6.0	6.2	6.3
72.5°	7.7	7.9	8.7	9.9	10.5	11.1	11.2	10.5	9.3	7.6	6.3
70°	10.3	11.1	13.2	16.2	18.3	19.4	19.8	19.1	17.1	15.3	12.2
67.5°	10.7	12.2	15.0	18.7	21.8	24.7	27.9	30.6	30.6	28.4	20.9
65°	9.7	11.7	14.3	17.0	20.5	24.8	30.9	35.1	37.8	38.9	32.2
62.5°	7.5	9.1	10.7	13.0	16.0	20.5	27.8	34.3	40.3	42.1	35.5
60°	5.6	6.4	7.6	9.2	11.0	14.9	22.0	30.0	39.0	38.8	35.3
57.5°	4.5	5.2	6.3	7.2	7.8	10.7	15.9	23.0	31.6	32.3	31.3
55°	4.7	5.3	6.2	7.1	7.9	8.9	10.8	15.2	21.6	23.7	24.2
52.5°	4.7	5.5	6.4	7.3	8.1	8.5	9.0	11.2	13.2	16.1	17.7
50°	4.8	5.8	6.7	7.6	8.2	8.6	9.0	9.4	10.5	11.8	12.9
47.5°	6.3	6.8	7.2	8.0	8.5	8.8	9.2	9.8	10.3	10.5	11.2
45°	9.0	9.0	8.8	9.5	9.6	9.7	9.6	10.6	11.1	11.2	11.0
42.5°	20.7	15.3	11.7	13.7	13.2	12.6	11.8	12.7	12.8	12.6	13.5
40°	30.2	35.0	29.7	24.2	22.3	18.6	17.8	16.4	16.1	14.9	17.5
37.5°	36.8	36.6	46.0	49.4	40.9	33.6	28.3	23.9	20.8	22.0	23.8
35°	60.1	57.5	60.2	65.1	66.7	59.4	47.4	36.4	30.6	31.1	31.9
32.5°	101.3	92.7	88.0	87.6	92.6	90.7	76.3	58.2	47.4	43.9	41.7
30°	134.5	129.7	118.3	124.8	133.8	127.2	110.1	98.8	80.3	59.0	53.2
27.5°	185.3	175.4	161.3	180.1	189.6	178.3	165.7	152.7	122.2	89.6	71.1
25°	279.1	254.2	256.9	263.2	259.8	253.3	235.5	214.1	179.9	136.0	114.0
22.5°	416.8	400.0	385.9	365.8	383.7	370.0	321.6	279.9	272.6	258.7	197.0
20°	677.9	609.4	548.9	596.2	609.1	529.6	430.9	437.7	487.9	439.5	308.1
17.5°	1390.7	1054.4	923.1	1001.1	937.3	778.5	776.8	761.0	745.7	666.7	440.7
15°	2665.8	1988.4	1645.6	1505.2	1419.7	1346.6	1311.3	1133.6	1044.4	915.4	655.1
12.5°	6262.3	3356.7	2439.2	2152.7	2082.7	1957.7	1877.9	1621.4	1385.8	1235.2	985.3
10°	10865.2	5851.4	3696.3	2957.1	2738.3	2577.2	2364.8	2052.5	1749.3	1578.1	1326.3
7.5°	17992.2	9583.0	5238.8	3703.8	3292.3	3020.0	2709.2	2404.1	2098.7	1912.0	1670.4
5°	23572.5	12382.0	6223.9	4296.5	3754.1	3448.7	3055.4	2707.8	2434.3	2236.4	2008.0
2.5°	26403.5	13801.2	6854.1	4856.9	4185.9	3849.4	3407.3	2978.3	2678.7	2443.1	2200.9
0°	29070.3	16034.2	7833.0	5292.8	4534.2	4180.1	3761.5	3234.2	2875.4	2618.9	2368.6
-2.5°	27019.7	14760.3	7145.0	4933.7	4345.8	4021.6	3745.1	3321.0	2946.4	2647.0	2342.7
-5°	23368.7	12303.3	6392.1	4573.4	4053.8	3796.9	3602.6	3285.3	2933.6	2636.8	2283.6
-7.5°	18902.6	9792.4	5524.3	4165.2	3736.4	3544.4	3381.4	3108.0	2770.1	2508.5	2138.3
-10°	13410.1	7177.0	4601.8	3728.6	3431.4	3294.9	3169.2	2903.5	2603.0	2373.6	1966.6
-12.5°	9641.8	5198.4	3707.0	3272.0	3146.4	3073.8	2973.6	2683.0	2437.0	2235.5	1772.0
-15°	5811.5	4020.3	3282.2	2997.6	2896.8	2859.3	2774.4	2501.0	2308.4	2099.2	1557.4
-17.5°	4200.6	3212.3	2906.5	2782.5	2717.7	2661.3	2560.4	2363.6	2168.5	1905.1	1323.4
-20°	3172.7	2890.6	2711.0	2596.6	2551.6	2503.2	2384.4	2213.3	2006.9	1622.8	1098.4



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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°	2845.7	2753.3	2628.9	2481.1	2384.4	2321.5	2214.4	2052.8	1826.2	1324.9	878.5
-25°	2713.3	2695.8	2606.9	2462.2	2276.7	2152.4	2059.7	1890.3	1533.8	1053.4	693.5
-27.5°	2647.3	2645.0	2601.7	2429.7	2220.4	2035.5	1904.0	1702.2	1240.2	850.7	667.4
-30°	2603.2	2573.3	2502.9	2335.5	2112.1	1937.5	1765.3	1383.0	998.3	697.4	656.2
-32.5°	2533.0	2477.0	2365.6	2154.7	1975.8	1834.4	1482.7	1089.7	767.5	684.7	650.9
-35°	2475.3	2334.8	2146.0	1996.3	1880.7	1543.3	1172.2	844.9	710.6	672.1	646.6
-37.5°	2301.1	2121.4	1988.0	1835.2	1527.8	1199.8	881.6	744.5	696.5	666.6	622.1
-40°	2104.0	1954.7	1700.5	1431.3	1149.3	859.5	776.9	735.5	698.6	647.3	587.2
-42.5°	1757.8	1526.1	1280.9	1030.8	832.8	803.2	772.8	736.9	684.6	614.3	546.1
-45°	1283.3	1069.1	877.7	847.9	818.4	793.6	772.0	712.8	643.1	571.4	502.3
-47.5°	902.8	874.0	848.7	828.9	805.2	775.6	721.8	661.5	589.9	521.9	460.7
-50°	859.2	843.5	827.1	803.1	756.0	706.8	653.0	596.1	531.8	472.3	415.3
-52.5°	833.6	798.2	760.9	722.2	677.2	627.0	575.9	527.3	473.5	418.6	366.1
-55°	738.3	705.2	668.8	630.2	590.3	547.9	504.0	458.5	410.8	360.9	316.0
-57.5°	634.2	604.9	574.5	542.5	509.0	469.4	427.8	385.9	346.7	305.3	265.7
-60°	535.6	511.3	482.6	452.1	420.1	385.5	351.2	317.0	283.2	254.6	224.3
-62.5°	435.5	409.6	386.1	362.0	335.1	305.8	279.1	256.5	233.9	209.1	178.5
-65°	349.3	324.9	302.6	283.0	262.7	241.6	222.5	201.8	179.4	155.5	129.4
-67.5°	276.0	253.5	234.9	217.9	199.5	179.4	160.8	141.6	124.7	107.4	88.0
-70°	206.7	187.0	169.5	153.1	136.7	121.5	108.3	94.6	79.6	66.9	56.0
-72.5°	134.6	119.6	106.1	94.8	83.9	75.2	66.5	57.3	48.3	39.5	33.3
-75°	72.3	64.5	57.1	51.2	45.0	38.4	35.4	33.9	32.2	30.3	28.2
-77.5°	41.4	37.7	34.7	33.7	32.6	31.5	30.2	28.6	26.9	25.2	23.7
-80°	32.7	30.2	27.9	26.9	26.0	25.0	24.1	22.8	21.6	20.5	19.6
-82.5°	23.8	21.9	20.2	19.9	19.5	19.0	18.6	17.9	17.3	16.8	16.3
-85°	17.6	16.2	14.8	14.6	14.4	14.2	14.0	13.8	13.5	13.2	13.0
-87.5°	14.6	12.9	11.1	11.2	11.2	11.3	11.3	11.2	11.2	11.1	11.0
-90°	2.4	2.7	3.1	3.1	3.1	3.1	3.1	3.5	3.9	4.3	4.7



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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°	10.6	10.2	9.8	9.4	9.4	9.4	9.4	9.4	9.0	8.7	8.3
87.5°	4.7	4.7	4.7	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0
85°	4.8	4.9	5.0	4.9	5.2	5.5	5.8	6.1	6.0	6.1	6.1
82.5°	5.1	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.3	6.3	6.3
80°	5.2	5.6	6.0	6.3	6.3	6.3	6.2	6.3	6.3	6.3	6.3
77.5°	5.6	5.7	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
75°	6.3	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
70°	9.2	6.8	6.3	6.3	6.3	6.3	6.3	6.4	6.3	6.3	6.3
67.5°	14.3	10.8	8.2	6.6	6.3	6.3	6.3	6.5	6.5	6.3	6.3
65°	23.3	16.1	10.8	8.7	7.1	6.3	6.3	6.6	6.8	6.6	6.3
62.5°	29.1	22.3	15.7	11.2	8.5	7.1	6.3	6.7	7.1	7.0	6.6
60°	31.2	24.7	20.1	15.4	10.9	7.9	7.0	6.8	7.1	7.4	7.0
57.5°	28.1	25.4	22.4	18.7	14.1	9.7	7.7	7.3	7.2	7.6	7.5
55°	23.5	22.2	23.5	21.0	16.9	12.3	9.0	7.9	7.4	7.6	7.9
52.5°	17.6	19.8	22.6	22.6	19.2	14.6	11.0	8.5	8.0	7.7	8.1
50°	13.3	17.0	21.4	23.1	21.3	16.9	12.7	9.9	8.5	7.9	8.2
47.5°	12.3	15.6	19.2	23.5	22.9	19.0	14.5	11.0	9.1	8.4	8.4
45°	13.2	15.4	18.1	21.8	24.3	20.2	16.1	11.9	9.8	9.0	8.6
42.5°	15.0	16.7	18.5	20.3	22.9	21.0	17.6	13.1	10.4	9.5	9.0
40°	18.7	19.0	19.6	21.4	21.8	21.5	18.1	14.3	10.8	10.2	9.5
37.5°	23.5	22.8	22.2	24.1	22.3	21.3	18.4	15.3	11.9	10.9	10.0
35°	30.8	28.0	27.4	28.6	26.2	21.7	18.4	15.9	13.6	11.7	10.5
32.5°	39.4	37.1	36.2	34.3	31.4	22.8	18.7	17.2	15.3	12.7	10.9
30°	52.0	53.8	47.0	40.8	37.6	27.7	20.9	18.8	17.0	13.6	11.5
27.5°	77.4	75.1	60.8	50.6	43.8	34.4	25.5	20.7	18.7	14.8	12.2
25°	109.9	100.9	81.7	62.4	50.6	55.3	31.0	22.9	20.3	16.2	13.0
22.5°	153.0	130.9	105.7	75.3	81.4	83.4	42.7	27.2	21.9	17.6	13.9
20°	202.9	164.7	141.9	125.3	119.1	111.2	63.1	32.0	23.7	19.0	14.7
17.5°	266.4	234.9	227.6	190.0	161.2	141.6	87.4	37.2	25.6	20.3	15.5
15°	438.7	346.8	319.5	262.4	206.0	174.1	114.7	42.6	27.6	21.5	16.3
12.5°	655.4	459.3	416.2	340.7	252.7	208.3	144.0	48.2	29.6	22.8	16.8
10°	894.7	571.8	516.3	422.9	300.6	243.5	174.3	54.8	32.9	24.0	17.4
7.5°	1146.7	683.7	618.1	506.9	348.2	277.4	205.8	63.5	36.5	25.2	17.9
5°	1380.3	780.6	702.7	577.5	390.6	308.6	236.0	72.1	40.2	26.3	18.3
2.5°	1513.1	853.7	773.6	642.4	431.7	338.5	263.8	80.4	43.8	27.4	18.6
0°	1621.0	923.8	840.4	701.9	470.6	366.7	288.0	88.1	47.2	28.3	18.9
-2.5°	1592.8	913.0	828.0	696.4	482.6	375.2	291.6	102.3	58.4	35.6	22.6
-5°	1537.4	899.0	811.8	685.5	491.5	381.5	291.3	115.6	69.1	42.7	26.1
-7.5°	1430.8	867.5	786.7	669.3	496.9	385.3	288.0	127.7	79.1	49.2	29.3
-10°	1294.7	825.0	751.1	641.9	489.4	383.9	282.2	138.6	88.1	55.1	32.2
-12.5°	1136.8	781.4	716.3	612.6	477.7	378.4	274.9	147.9	96.1	60.2	34.6
-15°	958.9	737.5	683.7	582.5	463.9	371.6	266.4	155.6	103.0	64.8	36.5
-17.5°	766.9	693.8	654.4	552.6	448.3	363.5	257.4	161.6	108.7	68.9	38.4
-20°	712.4	665.0	626.7	524.0	431.0	354.4	248.4	165.8	113.2	72.0	40.2



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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°	685.8	649.3	595.5	500.5	414.8	344.5	240.0	168.2	116.5	74.0	41.0
-25°	661.2	634.8	565.8	478.7	401.3	329.8	236.7	168.6	118.3	74.7	41.0
-27.5°	643.5	615.9	536.4	455.1	386.4	317.4	236.1	170.0	118.9	74.2	40.0
-30°	629.9	582.6	508.0	431.7	369.7	300.7	232.9	169.8	118.1	72.9	37.9
-32.5°	618.6	550.6	478.7	411.7	350.0	283.0	222.7	167.8	115.5	70.5	36.5
-35°	589.3	519.5	448.6	389.9	329.0	266.7	209.4	163.9	111.2	66.5	35.0
-37.5°	557.9	487.2	423.2	366.5	307.4	248.8	197.0	152.3	105.0	61.0	32.7
-40°	520.7	455.1	396.9	342.4	285.8	229.3	182.9	138.9	97.3	54.0	29.7
-42.5°	481.8	423.7	368.7	317.4	262.7	211.9	167.1	124.2	85.2	48.4	26.0
-45°	444.5	389.5	337.9	288.2	238.6	192.8	149.2	108.2	71.6	43.3	23.2
-47.5°	404.2	352.9	304.3	257.1	215.1	171.6	129.7	92.1	57.4	37.1	22.3
-50°	361.2	313.8	268.5	227.6	188.9	148.3	109.3	75.1	48.6	29.3	21.2
-52.5°	317.5	273.0	234.4	198.2	160.8	123.2	89.4	58.0	39.3	25.5	19.9
-55°	272.2	235.2	201.7	166.7	131.4	99.3	68.4	47.1	29.6	23.4	18.5
-57.5°	232.7	199.5	166.5	133.6	103.4	75.0	52.5	35.8	25.6	21.3	17.9
-60°	193.1	160.5	129.5	102.4	76.1	54.9	39.3	27.0	23.3	19.5	17.2
-62.5°	148.6	120.5	95.8	71.9	54.2	40.0	27.8	24.6	21.0	18.5	16.4
-65°	107.2	84.7	63.2	50.4	37.6	28.0	25.2	22.1	19.5	17.4	15.6
-67.5°	68.4	55.9	43.5	32.0	27.6	25.1	22.6	20.2	18.2	16.3	14.9
-70°	45.1	34.3	29.0	26.6	24.4	22.3	20.5	18.5	16.7	15.5	14.1
-72.5°	30.5	27.9	25.4	23.3	22.0	20.4	18.6	17.0	16.0	14.8	13.4
-75°	25.9	24.1	22.8	21.6	20.1	18.6	17.3	16.3	15.3	14.0	12.5
-77.5°	22.4	21.4	20.6	19.6	18.3	17.2	16.4	15.7	14.5	13.1	11.6
-80°	19.0	18.4	17.8	17.0	16.2	15.7	15.2	14.6	13.3	12.1	10.7
-82.5°	15.8	15.4	15.1	14.8	14.5	14.1	13.8	13.4	12.2	11.0	10.0
-85°	12.9	12.9	13.0	13.1	12.8	12.6	12.4	12.1	11.1	10.2	9.4
-87.5°	11.1	11.2	11.3	11.2	11.1	11.0	10.9	10.7	10.1	9.4	8.9
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	5.1	5.5	5.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.9	7.5	7.1	6.7	6.3	6.3	6.3
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
82.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
80°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
77.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
75°	6.3	6.4	6.3	6.3	6.3	6.3	6.3
72.5°	6.4	6.5	6.5	6.3	6.3	6.3	6.3
70°	6.4	6.7	6.6	6.3	6.3	6.3	6.3
67.5°	6.5	6.8	6.8	6.5	6.3	6.3	6.3
65°	6.5	6.9	6.9	6.6	6.3	6.3	6.3
62.5°	6.6	6.9	7.1	6.8	6.3	6.3	6.3
60°	6.6	7.0	7.3	7.0	6.3	6.3	6.3
57.5°	7.0	7.0	7.3	7.1	6.4	6.3	6.3
55°	7.4	7.1	7.4	7.3	6.5	6.3	6.3
52.5°	7.8	7.1	7.4	7.5	6.6	6.3	6.3
50°	8.1	7.5	7.5	7.7	6.8	6.3	6.3
47.5°	8.5	7.8	7.5	7.8	6.9	6.3	6.3
45°	8.7	8.1	7.6	7.8	7.0	6.3	6.3
42.5°	8.9	8.4	7.6	7.9	7.1	6.3	6.3
40°	9.2	8.7	7.8	7.9	7.2	6.3	6.3
37.5°	9.4	8.9	8.0	7.9	7.2	6.3	6.3
35°	9.7	9.2	8.2	8.0	7.3	6.3	6.3
32.5°	10.1	9.4	8.4	8.1	7.4	6.3	6.3
30°	10.5	9.6	8.6	8.1	7.5	6.3	6.3
27.5°	10.9	9.9	8.8	8.2	7.5	6.3	6.3
25°	11.2	10.2	8.9	8.3	7.6	6.3	6.3
22.5°	11.6	10.4	9.0	8.4	7.7	6.3	6.3
20°	11.9	10.5	9.1	8.5	7.7	6.3	6.3
17.5°	12.2	10.6	9.2	8.6	7.8	6.3	6.3
15°	12.5	10.7	9.3	8.7	7.8	6.3	6.3
12.5°	12.8	10.8	9.3	8.8	7.8	6.3	6.3
10°	13.1	10.9	9.4	9.0	7.9	6.3	6.3
7.5°	13.4	10.9	9.4	9.1	7.9	6.3	6.3
5°	13.7	11.0	9.4	9.2	7.9	6.3	6.3
2.5°	14.0	11.0	9.4	9.3	7.9	6.3	6.3
0°	14.2	11.0	9.4	9.4	7.9	6.3	6.3
-2.5°	15.4	11.3	9.7	9.5	8.0	6.3	6.3
-5°	16.6	11.7	10.0	9.6	8.0	6.4	6.3
-7.5°	17.7	12.0	10.2	9.7	8.1	6.4	6.3
-10°	18.6	12.3	10.5	9.7	8.1	6.4	6.3
-12.5°	19.4	12.6	10.7	9.8	8.2	6.5	6.3
-15°	20.0	12.8	11.0	9.9	8.2	6.5	6.3
-17.5°	20.3	13.1	11.2	9.9	8.2	6.5	6.3
-20°	20.7	13.3	11.3	9.9	8.2	6.6	6.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.2	13.5	11.5	10.0	8.2	6.6	6.3
-25°	21.3	13.8	11.6	10.0	8.2	6.6	6.3
-27.5°	21.0	14.0	11.7	10.0	8.2	6.6	6.3
-30°	20.2	14.2	11.8	10.0	8.2	6.6	6.3
-32.5°	18.9	14.3	11.8	9.9	8.2	6.7	6.3
-35°	18.5	14.3	11.8	9.9	8.2	6.7	6.3
-37.5°	18.5	14.2	11.8	9.9	8.2	6.7	6.3
-40°	18.3	14.2	11.8	9.8	8.1	6.7	6.3
-42.5°	17.9	14.1	11.7	9.8	8.1	6.7	6.3
-45°	17.3	14.0	11.6	9.7	8.1	6.7	6.3
-47.5°	16.6	13.8	11.5	9.6	8.0	6.7	6.3
-50°	16.3	13.6	11.4	9.5	8.0	6.7	6.3
-52.5°	16.0	13.4	11.2	9.4	7.9	6.7	6.3
-55°	15.6	13.1	11.0	9.3	7.8	6.7	6.3
-57.5°	15.2	12.8	10.8	9.2	7.8	6.7	6.3
-60°	14.7	12.5	10.6	9.0	7.7	6.6	6.3
-62.5°	14.2	12.1	10.3	8.8	7.6	6.6	6.3
-65°	13.7	11.7	10.0	8.6	7.5	6.6	6.3
-67.5°	13.1	11.2	9.7	8.5	7.4	6.6	6.3
-70°	12.4	10.8	9.4	8.3	7.3	6.6	6.3
-72.5°	11.7	10.3	9.0	8.1	7.2	6.5	6.3
-75°	11.0	9.7	8.7	7.9	7.1	6.5	6.3
-77.5°	10.2	9.2	8.4	7.7	7.0	6.5	6.3
-80°	9.5	8.8	8.1	7.5	6.8	6.4	6.3
-82.5°	9.0	8.5	7.9	7.3	6.7	6.4	6.3
-85°	8.7	8.2	7.6	7.1	6.6	6.4	6.3
-87.5°	8.3	7.8	7.4	6.9	6.4	6.3	6.3
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3

(END OF REPORT)