

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: P1306342 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-5S-CV2-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306342 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-50-70-5S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

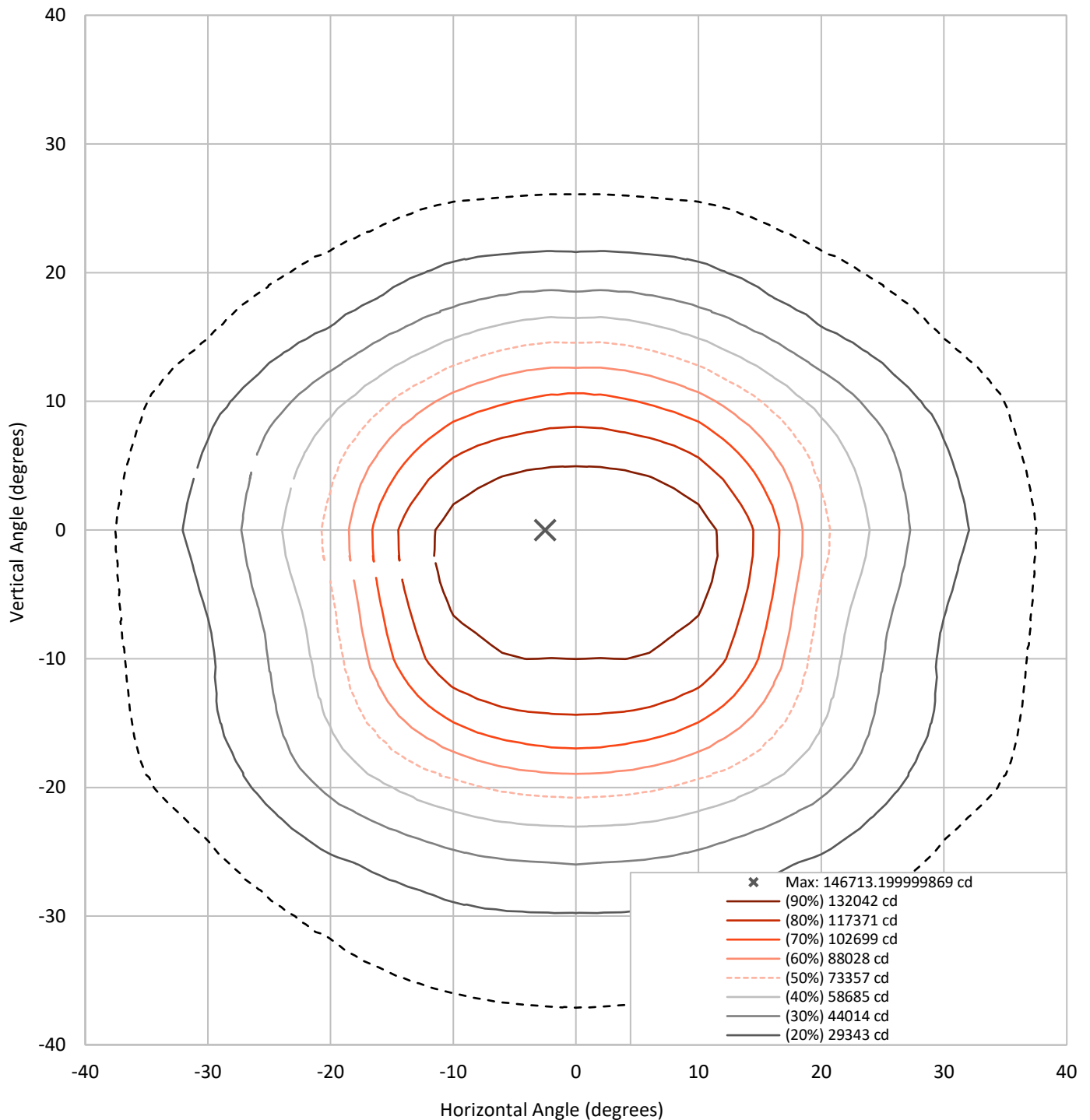
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	72407 lumens	Max Intensity:	146713.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	105.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	39825.3 lumens	Field Lumens:	66333.1 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%

Input Watts (W): 688
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





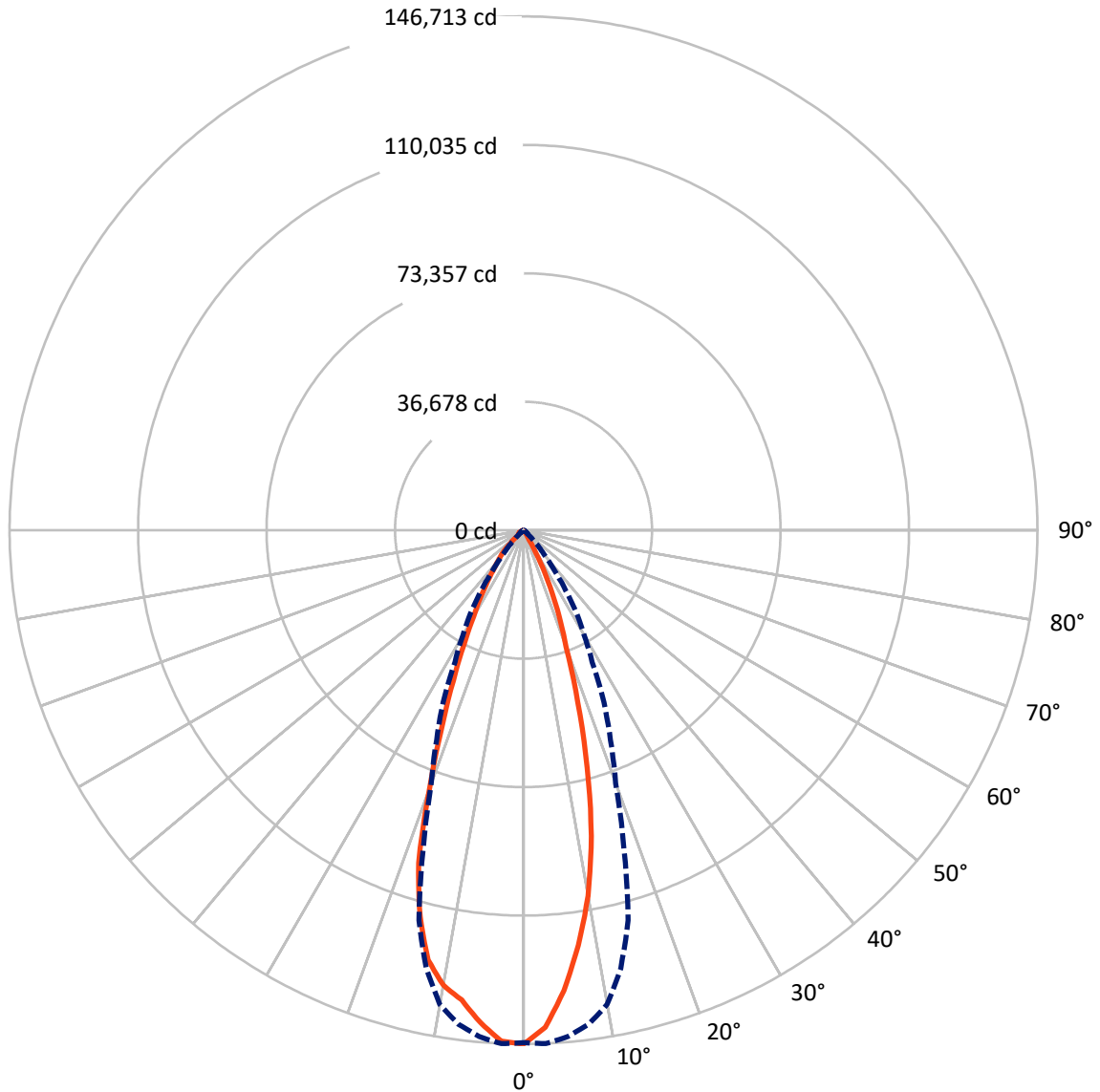
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Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.4	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.6	0.4	0.2	0.1	0.2			
60		0.1	0.3	0.7	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.7	0.3	0.1				
50	0.2	0.2	0.4	0.7	0.9	1.2	1.8	2.1	2.1	1.8	1.2	0.9	0.7	0.4	0.2	0.2			
40		0.2	0.9	2.2	5.9	16.3	28.2	35.9	35.9	28.2	16.3	5.9	2.2	0.9	0.2				
30	0.3	0.4	3.2	11.1	64.3	184.9	375.7	542.4	542.4	375.7	184.9	64.3	11.1	3.2	0.4	0.3			
20		0.8	6.8	36.0	228.7	670.2	1373.5	2029.3	2029.3	1373.5	670.2	228.7	36.0	6.8	0.8				
10	0.3	1.6	11.6	78.4	470.4	1343.7	2813.4	3839.8	3839.8	2813.4	1343.7	470.4	78.4	11.6	1.6	0.3			
0		2.7	15.8	94.9	492.6	1376.0	3157.4	4208.3	4208.3	3157.4	1376.0	492.6	94.9	15.8	2.7				
-10	0.4	3.1	16.3	76.2	418.2	1132.8	2385.7	3285.3	3285.3	2385.7	1132.8	418.2	76.2	16.3	3.1	0.4			
-20		2.7	13.4	35.7	209.8	606.2	1114.8	1463.8	1463.8	1114.8	606.2	209.8	35.7	13.4	2.7				
-30	0.4	2.1	9.2	20.9	61.3	228.4	420.2	548.3	548.3	420.2	228.4	61.3	20.9	9.2	2.1	0.4			
-40		1.2	5.6	14.7	27.0	50.7	114.2	172.3	172.3	114.2	50.7	27.0	14.7	5.6	1.2				
-50	0.3	0.6	2.8	8.2	17.2	28.4	38.9	45.1	45.1	38.9	28.4	17.2	8.2	2.8	0.6	0.3			
-60		0.3	1.0	3.2	7.2	12.6	19.0	22.6	22.6	19.0	12.6	7.2	3.2	1.0	0.3				
-70	0.2	0.8		2.6		6.8		9.6		6.8		2.6		0.8		0.2			
-80		0.8		2.6		6.8		9.6		6.8		2.6		0.8					
-90	0.2	0.8		2.6		6.8		9.6		6.8		2.6		0.8		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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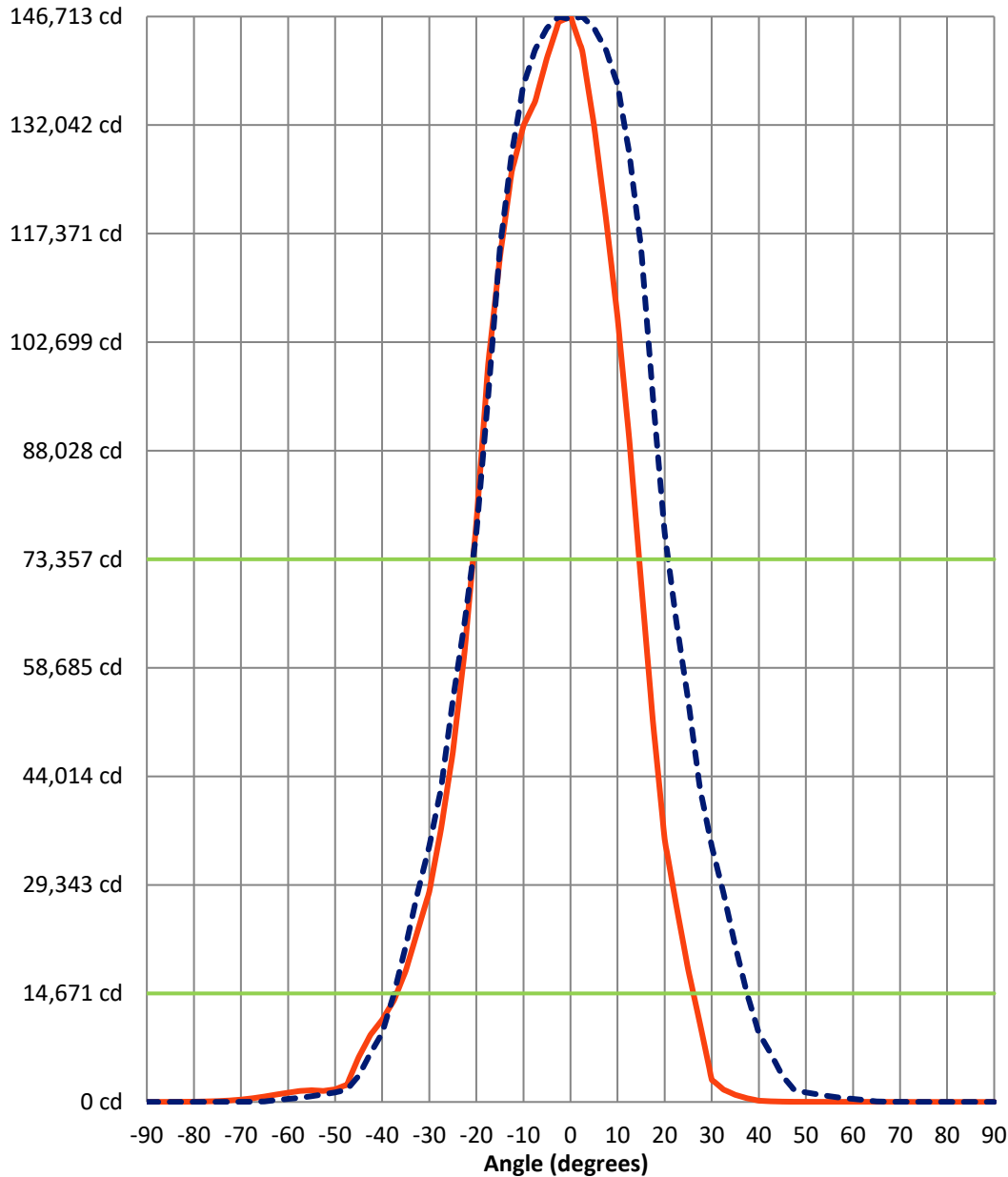
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.5°
 V Angle: 35.3°
 Lumens: 39825.3
 Efficiency: 55.0%

Field:
 H Angle: 75°
 V Angle: 63°
 Lumens: 66333.1
 Efficiency: 91.6%

Spill:
 Lumens: 6073.9
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	8.7
72.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	9.0	9.1	8.8
70°	8.6	8.6	8.6	8.6	8.6	8.6	8.7	9.2	9.5	9.4	9.5
67.5°	8.6	8.6	8.6	8.6	8.6	8.6	9.2	9.8	10.0	9.9	10.2
65°	8.6	8.6	8.6	8.6	8.6	8.8	9.7	10.3	10.2	10.4	10.7
62.5°	8.6	8.6	8.6	8.6	8.6	9.2	10.2	10.6	10.5	10.7	10.7
60°	8.6	8.6	8.6	8.6	8.6	9.6	10.6	10.7	10.7	10.7	10.7
57.5°	8.6	8.6	8.6	8.6	8.9	10.0	10.7	10.7	10.7	10.7	10.7
55°	8.6	8.6	8.6	8.6	9.2	10.4	10.7	10.7	10.7	10.7	10.7
52.5°	8.6	8.6	8.6	8.6	9.5	10.7	10.7	10.7	10.7	10.7	10.7
50°	8.6	8.6	8.6	8.6	9.8	10.7	10.7	10.7	10.7	10.7	11.3
47.5°	8.6	8.6	8.6	8.6	10.1	10.7	10.7	10.7	10.7	10.7	12.0
45°	8.6	8.6	8.6	8.8	10.3	10.7	10.7	10.7	10.8	11.3	12.7
42.5°	8.6	8.6	8.6	9.0	10.6	10.7	10.7	10.8	10.9	11.9	13.4
40°	8.6	8.6	8.6	9.2	10.7	10.7	10.7	10.9	11.2	12.4	14.0
37.5°	8.6	8.6	8.6	9.3	10.7	10.7	10.7	11.2	11.9	13.2	14.6
35°	8.6	8.6	8.6	9.4	10.7	10.7	10.7	11.4	12.5	13.9	15.2
32.5°	8.6	8.6	8.6	9.5	10.7	10.7	10.8	11.7	13.0	14.8	16.3
30°	8.6	8.6	8.6	9.5	10.7	10.7	11.0	12.1	13.6	15.6	17.5
27.5°	8.6	8.6	8.6	9.6	10.6	10.7	11.2	12.5	14.2	16.6	18.9
25°	8.6	8.6	8.6	9.6	10.6	10.7	11.5	13.0	14.9	17.6	20.5
22.5°	8.6	8.6	8.6	9.5	10.6	10.7	11.7	13.4	15.7	18.9	24.2
20°	8.6	8.6	8.6	9.5	10.5	10.7	12.0	13.8	16.4	20.1	27.9
17.5°	8.6	8.6	8.6	9.4	10.5	10.7	12.2	14.2	17.2	21.5	31.6
15°	8.6	8.6	8.6	9.3	10.6	10.7	12.4	14.5	17.9	22.8	35.3
12.5°	8.6	8.6	8.6	9.2	10.6	10.7	12.5	14.6	18.5	24.1	38.9
10°	8.6	8.6	8.6	9.1	10.6	10.7	12.6	14.8	19.2	26.1	43.7
7.5°	8.6	8.6	8.6	9.0	10.6	10.7	12.7	14.9	19.8	28.2	51.6
5°	8.6	8.6	8.6	8.9	10.7	10.7	12.8	14.9	20.4	30.3	59.6
2.5°	8.6	8.6	8.6	8.7	10.7	10.7	12.8	15.0	21.0	32.3	67.5
0°	8.6	8.6	8.6	8.6	10.7	10.7	12.8	15.0	21.4	34.2	74.8
-2.5°	8.6	8.6	8.6	8.7	10.7	11.2	13.6	17.0	27.2	46.9	96.7
-5°	8.6	8.6	8.6	8.9	10.7	11.6	14.5	18.9	32.6	58.9	117.3
-7.5°	8.6	8.6	8.6	9.0	10.6	12.1	15.2	20.7	37.7	70.0	135.9
-10°	8.6	8.6	8.6	9.1	10.6	12.4	15.9	22.3	42.0	79.8	152.2
-12.5°	8.6	8.6	8.6	9.2	10.6	12.8	16.5	23.8	45.6	88.1	163.4
-15°	8.6	8.6	8.6	9.3	10.6	13.0	17.1	24.9	49.1	95.1	171.2
-17.5°	8.6	8.6	8.6	9.4	10.5	13.2	17.6	26.7	52.5	100.3	176.3
-20°	8.6	8.6	8.6	9.5	10.5	13.3	18.1	28.6	54.7	103.4	178.7



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 CATALOG NUMBER: EPH-08-680N-50-70-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.6	8.6	8.6	9.5	10.6	13.3	18.8	29.9	55.6	104.4	178.2
-25°	8.6	8.6	8.6	9.6	10.6	13.2	19.1	30.6	55.0	103.0	174.6
-27.5°	8.6	8.6	8.6	9.6	10.6	13.1	19.1	30.7	52.8	100.4	172.5
-30°	8.6	8.6	8.6	9.5	10.7	12.8	18.8	30.1	51.7	97.9	167.5
-32.5°	8.6	8.6	8.6	9.5	10.8	12.5	18.1	29.6	50.9	93.2	159.1
-35°	8.6	8.6	8.6	9.4	10.9	12.1	17.6	28.8	49.1	86.2	147.3
-37.5°	8.6	8.6	8.6	9.3	11.0	11.8	17.0	27.4	46.3	76.9	129.9
-40°	8.6	8.6	8.6	9.2	11.0	11.9	16.4	25.5	42.3	70.8	113.8
-42.5°	8.6	8.6	8.6	9.1	11.0	12.0	15.6	23.0	38.8	63.6	96.8
-45°	8.6	8.6	8.6	8.9	10.8	12.0	14.6	20.8	35.2	55.5	80.3
-47.5°	8.6	8.6	8.6	8.8	10.6	11.9	13.5	19.5	30.9	46.9	70.6
-50°	8.6	8.6	8.6	8.8	10.3	11.9	13.3	18.0	25.5	40.7	60.3
-52.5°	8.6	8.6	8.6	8.8	10.1	11.8	13.1	16.4	22.3	34.0	49.7
-55°	8.6	8.6	8.6	8.8	9.9	11.5	12.9	14.7	20.0	26.8	41.4
-57.5°	8.6	8.6	8.6	8.9	9.6	11.2	12.7	14.3	17.5	22.9	32.7
-60°	8.6	8.6	8.6	8.9	9.4	10.9	12.3	13.9	15.4	19.9	25.3
-62.5°	8.6	8.6	8.6	8.9	9.4	10.5	11.9	13.4	14.8	16.8	21.7
-65°	8.6	8.6	8.6	9.0	9.5	10.1	11.5	12.8	14.2	15.6	17.8
-67.5°	8.6	8.6	8.6	9.0	9.5	10.0	11.0	12.3	13.6	14.9	16.2
-70°	8.6	8.6	8.6	9.0	9.5	10.0	10.6	11.8	13.0	14.2	15.4
-72.5°	8.6	8.6	8.6	9.0	9.6	10.1	10.6	11.2	12.3	13.5	14.6
-75°	8.6	8.6	8.6	9.0	9.6	10.1	10.6	11.0	11.7	12.7	13.8
-77.5°	8.6	8.6	8.6	8.9	9.5	10.1	10.6	10.9	11.4	12.0	12.9
-80°	8.6	8.6	8.6	8.9	9.3	9.9	10.7	10.8	11.1	11.5	12.1
-82.5°	8.6	8.6	8.6	8.8	9.1	9.6	10.2	10.5	10.7	10.9	11.2
-85°	8.6	8.6	8.6	8.7	9.0	9.3	9.7	9.9	10.0	10.2	10.4
-87.5°	8.6	8.6	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6



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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°	8.6	8.6	8.6	8.6	8.1	7.5	7.0	6.4	6.4	6.4	6.4
87.5°	8.3	8.1	7.8	7.7	7.4	7.1	6.8	6.4	5.9	5.4	4.8
85°	8.6	8.6	8.6	8.6	8.1	7.5	7.0	6.4	6.1	5.9	5.8
82.5°	8.6	8.6	8.6	8.6	8.1	7.6	7.0	6.5	6.4	6.4	6.4
80°	8.6	8.6	8.6	8.6	8.1	7.6	7.0	6.5	6.4	6.5	6.5
77.5°	8.6	8.6	8.6	8.6	8.2	7.8	7.6	7.6	7.6	7.4	7.1
75°	8.6	8.6	8.7	8.7	8.5	8.5	8.6	8.6	8.3	7.7	7.2
72.5°	8.9	9.2	9.2	8.9	8.6	8.6	8.6	8.6	8.8	8.9	8.8
70°	9.8	9.9	9.5	8.9	8.6	8.8	9.7	10.9	11.9	11.8	11.6
67.5°	10.6	10.1	9.5	9.2	9.4	10.5	11.8	13.5	15.1	15.1	15.6
65°	10.6	10.1	9.9	10.1	10.6	12.5	14.4	16.3	20.9	23.7	25.1
62.5°	10.7	10.4	10.5	11.2	12.9	14.9	17.9	23.0	30.2	34.0	32.9
60°	10.7	10.6	11.4	13.0	14.9	16.9	21.6	28.7	38.0	44.8	40.8
57.5°	10.7	11.2	12.7	14.4	15.9	17.7	24.0	32.9	43.9	55.8	48.4
55°	11.0	12.1	13.8	15.3	16.9	18.4	25.0	35.1	47.5	54.7	47.7
52.5°	11.8	13.0	14.6	16.2	17.8	19.4	24.4	34.2	41.5	47.1	43.6
50°	12.6	13.9	15.4	17.0	18.9	20.8	21.6	29.6	35.5	37.9	37.7
47.5°	13.4	14.8	16.1	18.0	20.4	22.0	21.9	25.9	30.2	33.0	30.7
45°	14.2	15.6	17.0	19.7	22.2	23.6	24.9	24.0	30.9	32.7	31.4
42.5°	14.9	16.4	18.9	21.4	24.6	28.1	30.1	32.6	36.0	39.3	38.5
40°	15.6	17.2	21.5	26.5	28.8	35.3	41.7	45.6	47.0	50.0	50.1
37.5°	16.3	19.9	26.5	37.1	37.2	46.9	56.0	65.0	67.7	62.8	71.2
35°	16.9	22.9	40.0	52.8	54.8	62.3	77.3	91.1	99.4	94.7	102.4
32.5°	18.8	26.2	57.7	71.0	84.3	91.0	101.8	131.6	160.4	169.1	153.9
30°	22.2	42.3	77.8	91.1	122.4	143.0	149.5	189.7	249.7	302.2	405.7
27.5°	26.4	62.1	96.7	125.0	170.0	207.1	223.3	289.0	391.6	530.2	828.1
25°	30.9	82.9	116.6	168.0	232.3	275.4	301.9	394.6	566.9	1009.0	1565.7
22.5°	41.8	104.2	141.9	215.9	302.7	340.1	396.0	522.3	811.4	1546.3	2469.9
20°	58.7	124.2	177.9	263.3	378.0	401.8	482.7	644.8	1146.2	2259.4	3369.0
17.5°	75.4	146.8	217.2	319.1	436.0	483.9	566.8	756.4	1427.0	3152.9	4536.1
15°	91.6	171.3	254.4	375.8	503.8	598.3	725.3	1007.6	1963.7	4210.9	6081.3
12.5°	107.0	197.1	289.1	432.2	582.2	719.6	907.2	1417.2	2921.1	5446.8	8238.6
10°	121.3	223.4	321.4	487.3	668.1	845.2	1095.4	1865.2	3888.6	6522.4	9946.7
7.5°	154.4	263.4	357.5	539.9	758.0	972.3	1285.4	2331.4	4761.9	7432.7	11374.1
5°	191.2	317.5	426.4	622.4	852.7	1092.0	1459.6	2793.1	5527.5	8182.4	12659.7
2.5°	227.3	369.7	493.6	704.5	943.5	1196.1	1567.3	3195.7	6128.2	8816.9	13769.2
0°	260.8	419.1	558.0	780.4	1026.3	1291.4	1659.1	3547.0	6585.2	9330.5	14643.5
-2.5°	301.9	471.9	629.4	852.6	1054.2	1294.2	1660.6	3417.3	6684.6	9815.8	14315.5
-5°	337.4	520.0	695.6	918.3	1078.9	1290.2	1647.2	3219.1	6629.7	10075.7	14051.1
-7.5°	365.9	562.9	755.4	970.6	1101.8	1303.5	1679.3	3262.8	6538.4	10075.6	13885.3
-10°	382.5	575.1	755.8	967.7	1116.6	1320.4	1701.3	3185.7	6259.8	9866.9	13548.2
-12.5°	367.7	559.9	740.2	955.1	1125.9	1323.8	1694.1	2967.6	5790.1	9441.7	13127.3
-15°	350.2	541.8	718.0	931.8	1129.3	1312.3	1654.7	2593.7	5020.2	8525.6	12619.8
-17.5°	330.7	521.0	689.0	897.1	1126.5	1284.6	1558.4	2002.4	4023.8	7245.7	11455.2
-20°	309.9	498.0	653.1	850.2	1111.1	1220.9	1412.2	1776.4	3174.6	5810.9	9624.1



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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°	288.6	473.0	615.6	803.9	1021.3	1144.2	1275.5	1537.8	2244.5	4198.1	7256.7
-25°	276.5	441.5	582.9	742.9	929.2	1072.5	1138.0	1303.2	1657.0	3081.8	5297.8
-27.5°	271.0	411.5	542.6	680.0	845.1	997.4	1045.5	1152.3	1416.7	1988.0	3578.9
-30°	261.5	370.8	498.3	619.9	771.5	907.3	977.7	1045.3	1214.1	1523.0	2404.2
-32.5°	240.9	329.4	450.6	568.1	699.0	830.6	936.7	1001.5	1107.7	1269.0	1561.3
-35°	215.3	298.9	402.1	512.2	627.4	759.5	879.1	974.1	1025.5	1136.7	1332.3
-37.5°	192.0	265.8	353.3	455.6	563.0	685.4	816.9	920.6	996.2	1049.3	1189.6
-40°	167.3	230.2	311.8	402.5	499.3	611.2	732.2	852.6	948.3	1027.9	1090.2
-42.5°	142.2	201.5	270.4	350.4	442.0	540.0	644.0	762.1	880.9	984.4	1063.0
-45°	122.7	171.7	228.5	305.1	385.8	471.3	565.6	663.4	790.9	908.2	1006.0
-47.5°	102.4	143.1	195.3	258.8	332.9	409.0	488.5	586.4	692.3	808.0	919.7
-50°	83.8	120.2	162.0	219.3	282.7	349.9	420.6	510.1	607.7	706.4	808.6
-52.5°	71.5	96.6	135.3	180.3	236.3	296.3	361.5	437.8	524.4	614.6	705.2
-55°	58.6	80.5	109.1	147.0	190.9	244.8	306.0	372.3	440.3	522.5	603.8
-57.5°	47.4	65.9	88.5	116.7	153.0	193.3	250.1	309.2	371.5	435.1	502.8
-60°	36.8	52.1	71.3	93.1	118.1	153.8	194.4	245.3	300.8	356.6	413.6
-62.5°	26.9	39.4	55.0	73.1	93.8	116.3	148.9	187.4	228.9	275.4	323.2
-65°	22.6	28.1	39.3	54.4	71.0	90.5	111.8	134.7	168.3	201.6	234.6
-67.5°	18.0	22.7	28.0	35.5	49.6	65.0	81.4	100.7	121.0	139.6	161.2
-70°	16.5	17.7	21.5	26.4	31.9	40.3	54.0	68.5	83.0	97.0	112.8
-72.5°	15.5	16.3	17.5	18.8	22.9	28.0	33.6	39.8	49.2	60.2	71.3
-75°	14.4	14.9	15.7	16.7	17.8	19.2	21.2	25.7	30.6	35.4	40.0
-77.5°	13.4	13.9	14.3	14.7	15.1	16.0	17.1	18.3	19.8	21.8	23.9
-80°	12.5	12.8	13.1	13.4	13.5	13.6	13.9	14.2	14.8	15.5	16.6
-82.5°	11.5	11.7	12.0	12.2	12.0	11.6	11.4	11.3	11.6	12.0	12.3
-85°	10.5	10.7	10.9	11.0	10.7	10.3	9.9	9.5	9.6	9.7	9.8
-87.5°	9.6	9.6	9.7	9.8	9.3	8.9	8.4	8.0	8.0	8.1	8.1
-90°	8.1	7.5	7.0	6.4	6.4	6.4	6.4	6.4	5.9	5.4	4.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.4	6.4	6.4	6.4	6.4	7.0	7.5	8.0	8.6	9.6	10.7
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.2
85°	5.6	5.4	5.1	4.7	4.3	4.3	4.3	4.3	4.3	3.8	3.2
82.5°	6.4	5.9	5.4	4.9	4.3	4.3	4.3	4.3	4.3	3.8	3.2
80°	6.4	6.1	5.9	5.7	5.6	5.4	5.1	4.8	4.3	3.8	3.2
77.5°	6.5	6.4	6.4	6.4	6.4	6.0	5.4	4.9	4.4	3.8	3.3
75°	6.6	6.5	6.6	6.6	6.5	6.2	6.1	6.0	6.0	5.7	5.2
72.5°	8.4	8.1	7.9	7.7	7.4	7.2	7.1	6.9	6.5	6.3	6.3
70°	11.5	11.3	11.0	10.7	10.3	9.8	9.5	9.0	8.3	8.2	8.3
67.5°	16.8	17.1	16.9	16.2	14.5	13.1	12.3	11.4	10.5	10.5	11.2
65°	24.7	21.6	19.6	17.9	16.4	15.2	14.4	13.6	12.7	12.9	14.7
62.5°	29.3	23.0	19.6	18.3	17.6	16.9	15.7	14.9	14.4	14.8	16.3
60°	34.1	24.7	18.4	17.2	16.2	15.1	15.0	15.0	15.0	15.2	15.9
57.5°	36.5	25.3	17.0	16.4	15.8	15.2	15.2	15.4	15.3	15.1	15.7
55°	35.7	25.4	17.5	16.7	16.6	16.8	16.8	15.9	15.4	15.0	15.6
52.5°	32.5	24.5	18.7	17.2	17.2	16.4	15.1	15.8	16.7	17.5	18.2
50°	28.9	23.1	20.1	18.7	18.7	18.9	18.8	19.9	21.0	21.7	22.6
47.5°	26.6	23.2	23.0	22.5	23.2	24.4	24.9	26.1	29.3	30.9	31.7
45°	26.8	28.4	29.6	30.7	30.6	36.7	41.0	43.4	46.1	48.8	51.0
42.5°	36.2	40.4	44.1	49.7	53.0	63.1	68.3	61.7	75.4	87.3	90.0
40°	55.5	61.4	74.6	89.3	106.8	114.4	150.0	151.6	167.1	205.7	218.2
37.5°	84.4	101.4	147.2	185.9	247.4	283.9	329.1	372.6	407.5	443.2	467.8
35°	131.5	218.9	287.8	408.5	491.1	532.8	586.5	650.8	677.9	790.7	876.9
32.5°	281.0	437.9	624.9	721.4	829.8	912.5	901.0	1168.0	1270.9	1440.3	1578.1
30°	519.2	894.2	1396.4	1396.5	1377.0	1833.6	2000.8	2345.7	2699.3	2934.9	3498.1
27.5°	1200.3	1996.0	2791.5	2807.5	3152.2	4105.7	4648.8	4811.9	6346.2	7331.4	8675.4
25°	2211.9	3521.5	4618.8	5129.5	6153.1	7706.6	8626.2	9722.8	12012.7	14622.0	16269.2
22.5°	3294.2	4689.9	6338.8	7501.7	9463.4	11461.8	13134.3	15554.2	18631.7	21543.3	23513.1
20°	4109.0	5748.6	8077.6	10520.2	13005.3	15510.6	18108.6	21433.6	25599.7	29145.1	32349.5
17.5°	5770.1	7503.9	10655.9	13978.1	17351.0	20027.6	24130.5	28118.3	33193.9	38338.6	42323.3
15°	8228.3	11022.9	14176.5	18486.0	23229.9	27325.8	31676.0	38674.3	44849.0	51461.2	57369.1
12.5°	11382.8	15086.6	19265.6	24221.6	30439.4	36867.2	43501.8	50888.5	58964.7	66907.2	75338.4
10°	14328.1	19418.4	24813.9	30912.1	38027.4	46144.8	54251.2	62620.9	73843.5	84014.9	93030.8
7.5°	16361.6	22356.8	28979.0	36432.7	45215.1	53848.7	63005.7	74385.8	87496.7	99030.4	108269.9
5°	18187.7	24981.2	31593.5	39128.6	49339.3	59207.6	70027.1	83878.2	98803.1	111451.3	120659.4
2.5°	19777.6	27088.2	33509.6	41100.7	52311.4	62578.7	74393.4	90900.8	108287.8	120956.9	130672.6
0°	21085.5	28220.2	34593.7	42412.6	54265.9	64840.7	76961.4	95318.7	115333.0	128131.3	137470.4
-2.5°	19819.3	26291.6	32582.8	40502.3	52447.3	63277.4	76377.7	95050.3	114692.0	128495.8	138138.7
-5°	18862.8	24773.4	30745.7	38582.1	49088.2	59130.5	71423.4	90626.9	111300.5	125248.1	135005.2
-7.5°	18121.6	23279.9	28709.9	35925.7	45536.6	56185.8	69366.3	87894.5	107429.7	121536.0	130376.9
-10°	17313.6	21744.9	27662.8	34935.8	44281.8	54434.1	66143.3	83282.7	103021.0	116593.4	126948.2
-12.5°	17067.5	21746.5	27707.3	34022.2	42619.0	52368.4	63532.1	78131.2	93260.3	107492.6	116573.2
-15°	16670.5	21418.8	27252.4	33191.8	40985.6	50375.3	59694.5	70483.5	83128.7	93412.5	102898.5
-17.5°	15892.3	20455.1	24839.2	30389.0	37974.5	46679.4	53740.7	62225.5	71348.8	79190.6	86345.8
-20°	14029.2	17132.2	21287.4	26521.0	33021.5	40070.2	46499.4	52621.1	58484.1	64458.2	68596.7



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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°	10734.9	13714.7	17198.6	21545.9	26699.1	32841.9	38523.6	42669.7	47333.4	51635.1	55171.9
-25°	7850.4	10033.6	13285.3	16994.8	20357.7	25277.8	29638.0	32438.2	36531.9	39747.7	42809.1
-27.5°	5677.0	7815.1	10466.8	13398.0	15919.4	18562.5	22411.6	25085.4	28305.2	30771.1	33324.6
-30°	3874.8	6229.4	8673.1	11070.7	12989.0	14985.8	17118.8	19756.3	22341.0	24412.8	26257.5
-32.5°	2687.5	4393.7	6781.9	9015.8	10749.4	12272.0	13673.6	15677.2	17611.4	19297.6	20680.3
-35°	1646.5	2856.5	4510.5	6637.8	8470.5	9933.6	11226.2	12502.4	13739.8	15008.5	16077.5
-37.5°	1393.0	1681.9	2712.5	4177.2	5923.1	7551.5	8817.6	9871.4	10805.4	11771.0	12531.1
-40°	1231.0	1403.8	1662.5	2198.3	3541.1	4894.9	6260.0	7394.2	8421.4	9277.6	9943.1
-42.5°	1124.3	1239.8	1365.7	1575.9	1824.8	2488.3	3662.4	4807.0	5921.3	6855.7	7638.9
-45°	1091.1	1149.1	1217.2	1329.7	1432.7	1634.6	1852.5	2078.3	2964.2	3904.1	4732.4
-47.5°	1015.6	1108.6	1170.3	1218.7	1276.1	1367.4	1451.1	1557.7	1761.2	1963.0	2127.9
-50°	915.6	1017.1	1102.5	1185.3	1243.8	1283.7	1314.1	1369.4	1450.5	1529.3	1593.0
-52.5°	794.4	892.9	992.2	1092.8	1175.8	1252.7	1325.0	1374.9	1412.7	1445.0	1461.5
-55°	684.1	766.5	849.5	950.8	1051.1	1147.5	1240.0	1319.0	1392.5	1461.2	1500.1
-57.5°	576.5	647.5	721.5	811.9	901.1	988.6	1078.4	1169.4	1258.4	1341.6	1389.7
-60°	473.9	536.9	603.8	676.8	754.3	835.1	912.4	989.5	1066.0	1133.8	1173.6
-62.5°	373.4	426.4	480.9	538.6	599.6	663.3	727.4	792.3	857.0	911.4	945.0
-65°	271.2	314.4	356.1	398.3	441.0	489.3	540.1	589.6	637.3	674.7	699.2
-67.5°	189.7	217.6	243.1	267.9	298.2	332.6	369.1	404.6	438.8	464.6	481.9
-70°	128.8	144.3	158.3	174.5	194.4	214.8	236.3	256.9	276.5	291.5	303.0
-72.5°	82.2	92.6	102.5	113.6	124.3	136.1	148.4	160.2	171.2	178.9	184.9
-75°	44.4	49.9	58.1	65.7	72.9	81.4	90.2	98.4	106.1	110.2	112.9
-77.5°	27.2	30.9	34.4	37.7	40.9	45.6	50.7	55.9	61.0	63.4	65.1
-80°	17.9	19.5	21.3	23.1	24.9	27.7	30.6	33.4	36.3	37.2	37.7
-82.5°	12.7	13.2	13.9	14.5	15.3	17.0	18.8	20.7	22.5	23.9	25.2
-85°	9.9	10.0	10.1	10.2	10.3	11.3	12.3	13.4	14.5	15.2	15.8
-87.5°	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.6	9.1	9.7
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.2



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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°	11.7	12.8	11.8	10.7	11.8	12.8	11.7	10.7	9.6	8.6	8.0
87.5°	2.7	2.1	1.1	0.0	1.1	2.1	2.7	3.2	3.8	4.3	4.3
85°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3
82.5°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3
80°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.8
77.5°	2.7	2.1	3.2	4.3	3.2	2.1	2.7	3.3	3.8	4.4	4.9
75°	4.8	4.3	4.3	4.3	4.3	4.3	4.8	5.2	5.7	6.0	6.0
72.5°	6.3	6.3	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.5	6.9
70°	8.4	8.5	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.3	9.0
67.5°	11.9	12.6	12.8	12.8	12.8	12.6	11.9	11.2	10.5	10.5	11.4
65°	16.7	18.6	18.2	17.1	18.2	18.6	16.7	14.7	12.9	12.7	13.6
62.5°	17.7	18.9	19.2	19.2	19.2	18.9	17.7	16.3	14.8	14.4	14.9
60°	16.5	17.0	17.1	17.1	17.1	17.0	16.5	15.9	15.2	15.0	15.0
57.5°	16.3	16.9	17.1	17.1	17.1	16.9	16.3	15.7	15.1	15.3	15.4
55°	16.2	16.9	17.1	17.1	17.1	16.9	16.2	15.6	15.0	15.4	15.9
52.5°	18.7	19.0	19.2	19.2	19.2	19.0	18.7	18.2	17.5	16.7	15.8
50°	23.8	24.9	24.1	21.4	24.1	24.9	23.8	22.6	21.7	21.0	19.9
47.5°	31.6	30.6	29.8	29.9	29.8	30.6	31.6	31.7	30.9	29.3	26.1
45°	51.7	51.2	50.8	51.3	50.8	51.2	51.7	51.0	48.8	46.1	43.4
42.5°	93.2	93.4	92.0	89.8	92.0	93.4	93.2	90.0	87.3	75.4	61.7
40°	217.6	199.4	174.8	160.4	174.8	199.4	217.6	218.2	205.7	167.1	151.6
37.5°	490.2	504.4	505.7	496.0	505.7	504.4	490.2	467.8	443.2	407.5	372.6
35°	931.3	964.6	966.4	949.3	966.4	964.6	931.3	876.9	790.7	677.9	650.8
32.5°	1576.0	1651.0	1679.1	1672.0	1679.1	1651.0	1576.0	1578.1	1440.3	1270.9	1168.0
30°	3236.2	3258.6	3028.2	2606.3	3028.2	3258.6	3236.2	3498.1	2934.9	2699.3	2345.7
27.5°	9404.5	10272.4	10587.3	10448.7	10587.3	10272.4	9404.5	8675.4	7331.4	6346.2	4811.9
25°	16742.2	17314.0	17884.9	17951.1	17884.9	17314.0	16742.2	16269.2	14622.0	12012.7	9722.8
22.5°	24877.5	25690.2	26461.6	26285.2	26461.6	25690.2	24877.5	23513.1	21543.3	18631.7	15554.2
20°	34384.7	34945.2	35514.5	34884.5	35514.5	34945.2	34384.7	32349.5	29145.1	25599.7	21433.6
17.5°	46497.3	49136.4	51479.3	50419.6	51479.3	49136.4	46497.3	42323.3	38338.6	33193.9	28118.3
15°	62931.7	67525.2	70219.3	70076.8	70219.3	67525.2	62931.7	57369.1	51461.2	44849.0	38674.3
12.5°	81870.1	86670.4	89419.8	88851.1	89419.8	86670.4	81870.1	75338.4	66907.2	58964.7	50888.5
10°	98956.7	102726.1	105992.9	107272.5	105992.9	102726.1	98956.7	93030.8	84014.9	73843.5	62620.9
7.5°	114048.4	116856.9	119581.8	120068.8	119581.8	116856.9	114048.4	108269.9	99030.4	87496.7	74385.8
5°	126471.9	130450.9	131991.3	132602.0	131991.3	130450.9	126471.9	120659.4	111451.3	98803.1	83878.2
2.5°	136498.6	140138.4	142065.1	141496.3	142065.1	140138.4	136498.6	130672.6	120956.9	108287.8	90900.8
0°	142258.6	145139.6	146713.2	146336.9	146713.2	145139.6	142258.6	137470.4	128131.3	115333.0	95318.7
-2.5°	142826.2	144763.6	145994.4	145511.6	145994.4	144763.6	142826.2	138138.7	128495.8	114692.0	95050.3
-5°	138898.3	140474.8	141121.5	141398.0	141121.5	140474.8	138898.3	135005.2	125248.1	111300.5	90626.9
-7.5°	133486.2	135603.9	135281.8	135839.1	135281.8	135603.9	133486.2	130376.9	121536.0	107429.7	87894.5
-10°	130262.7	132217.2	131934.2	132084.6	131934.2	132217.2	130262.7	126948.2	116593.4	103021.0	83282.7
-12.5°	122441.6	125279.3	125715.0	126203.9	125715.0	125279.3	122441.6	116573.2	107492.6	93260.3	78131.2
-15°	109124.8	112242.9	114128.3	114552.6	114128.3	112242.9	109124.8	102898.5	93412.5	83128.7	70483.5
-17.5°	92294.5	96606.8	99638.4	100343.1	99638.4	96606.8	92294.5	86345.8	79190.6	71348.8	62225.5
-20°	73650.8	76737.6	78308.3	79155.0	78308.3	76737.6	73650.8	68596.7	64458.2	58484.1	52621.1



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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°	57969.8	60008.3	60883.5	61026.4	60883.5	60008.3	57969.8	55171.9	51635.1	47333.4	42669.7
-25°	45288.3	46677.8	47273.4	48153.2	47273.4	46677.8	45288.3	42809.1	39747.7	36531.9	32438.2
-27.5°	35145.3	36367.1	36911.9	37721.7	36911.9	36367.1	35145.3	33324.6	30771.1	28305.2	25085.4
-30°	27501.9	28237.9	28421.6	28461.8	28421.6	28237.9	27501.9	26257.5	24412.8	22341.0	19756.3
-32.5°	21754.0	22582.9	23077.8	23298.4	23077.8	22582.9	21754.0	20680.3	19297.6	17611.4	15677.2
-35°	16878.0	17424.3	17749.6	18115.7	17749.6	17424.3	16878.0	16077.5	15008.5	13739.8	12502.4
-37.5°	13122.1	13527.3	13751.4	13826.8	13751.4	13527.3	13122.1	12531.1	11771.0	10805.4	9871.4
-40°	10474.1	10876.3	11117.8	11154.2	11117.8	10876.3	10474.1	9943.1	9277.6	8421.4	7394.2
-42.5°	8234.0	8735.2	9059.4	9133.8	9059.4	8735.2	8234.0	7638.9	6855.7	5921.3	4807.0
-45°	5338.1	5804.6	6051.5	6035.7	6051.5	5804.6	5338.1	4732.4	3904.1	2964.2	2078.3
-47.5°	2233.4	2308.5	2340.9	2330.5	2340.9	2308.5	2233.4	2127.9	1963.0	1761.2	1557.7
-50°	1643.3	1686.0	1709.3	1714.7	1709.3	1686.0	1643.3	1593.0	1529.3	1450.5	1369.4
-52.5°	1475.7	1491.3	1496.8	1496.6	1496.8	1491.3	1475.7	1461.5	1445.0	1412.7	1374.9
-55°	1536.3	1570.7	1584.2	1584.3	1584.2	1570.7	1536.3	1500.1	1461.2	1392.5	1319.0
-57.5°	1433.5	1472.2	1490.0	1494.5	1490.0	1472.2	1433.5	1389.7	1341.6	1258.4	1169.4
-60°	1209.4	1240.5	1254.1	1257.2	1254.1	1240.5	1209.4	1173.6	1133.8	1066.0	989.5
-62.5°	973.7	997.3	1004.5	1002.7	1004.5	997.3	973.7	945.0	911.4	857.0	792.3
-65°	719.6	735.9	737.1	731.2	737.1	735.9	719.6	699.2	674.7	637.3	589.6
-67.5°	495.7	506.0	506.5	502.4	506.5	506.0	495.7	481.9	464.6	438.8	404.6
-70°	312.8	320.6	321.0	318.6	321.0	320.6	312.8	303.0	291.5	276.5	256.9
-72.5°	190.1	194.4	198.2	201.0	198.2	194.4	190.1	184.9	178.9	171.2	160.2
-75°	115.0	116.4	116.3	115.5	116.3	116.4	115.0	112.9	110.2	106.1	98.4
-77.5°	66.6	67.8	70.3	72.7	70.3	67.8	66.6	65.1	63.4	61.0	55.9
-80°	38.1	38.3	39.5	40.6	39.5	38.3	38.1	37.7	37.2	36.3	33.4
-82.5°	26.4	27.7	27.8	27.8	27.8	27.7	26.4	25.2	23.9	22.5	20.7
-85°	16.5	17.0	18.1	19.2	18.1	17.0	16.5	15.8	15.2	14.5	13.4
-87.5°	10.2	10.7	10.7	10.7	10.7	10.7	10.2	9.7	9.1	8.6	8.6
-90°	2.6	2.1	1.0	0.0	1.0	2.1	2.7	3.2	3.8	4.3	4.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.5	7.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	5.9	6.4
85°	4.3	4.3	4.3	4.7	5.1	5.4	5.6	5.8	5.9	6.1	6.4
82.5°	4.3	4.3	4.3	4.9	5.4	5.9	6.4	6.4	6.4	6.4	6.5
80°	5.1	5.4	5.6	5.7	5.9	6.1	6.4	6.5	6.5	6.4	6.5
77.5°	5.4	6.0	6.4	6.4	6.4	6.4	6.5	7.1	7.4	7.6	7.6
75°	6.1	6.2	6.5	6.6	6.6	6.5	6.6	7.2	7.7	8.3	8.6
72.5°	7.1	7.2	7.4	7.7	7.9	8.1	8.4	8.8	8.9	8.8	8.6
70°	9.5	9.8	10.3	10.7	11.0	11.3	11.5	11.6	11.8	11.9	10.9
67.5°	12.3	13.1	14.5	16.2	16.9	17.1	16.8	15.6	15.1	15.1	13.5
65°	14.4	15.2	16.4	17.9	19.6	21.6	24.7	25.1	23.7	20.9	16.3
62.5°	15.7	16.9	17.6	18.3	19.6	23.0	29.3	32.9	34.0	30.2	23.0
60°	15.0	15.1	16.2	17.2	18.4	24.7	34.1	40.8	44.8	38.0	28.7
57.5°	15.2	15.2	15.8	16.4	17.0	25.3	36.5	48.4	55.8	43.9	32.9
55°	16.8	16.8	16.6	16.7	17.5	25.4	35.7	47.7	54.7	47.5	35.1
52.5°	15.1	16.4	17.2	17.2	18.7	24.5	32.5	43.6	47.1	41.5	34.2
50°	18.8	18.9	18.7	18.7	20.1	23.1	28.9	37.7	37.9	35.5	29.6
47.5°	24.9	24.4	23.2	22.5	23.0	23.2	26.6	30.7	33.0	30.2	25.9
45°	41.0	36.7	30.6	30.7	29.6	28.4	26.8	31.4	32.7	30.9	24.0
42.5°	68.3	63.1	53.0	49.7	44.1	40.4	36.2	38.5	39.3	36.0	32.6
40°	150.0	114.4	106.8	89.3	74.6	61.4	55.5	50.1	50.0	47.0	45.6
37.5°	329.1	283.9	247.4	185.9	147.2	101.4	84.4	71.2	62.8	67.7	65.0
35°	586.5	532.8	491.1	408.5	287.8	218.9	131.5	102.4	94.7	99.4	91.1
32.5°	901.0	912.5	829.8	721.4	624.9	437.9	281.0	153.9	169.1	160.4	131.6
30°	2000.8	1833.6	1377.0	1396.5	1396.4	894.2	519.2	405.7	302.2	249.7	189.7
27.5°	4648.8	4105.7	3152.2	2807.5	2791.5	1996.0	1200.3	828.1	530.2	391.6	289.0
25°	8626.2	7706.6	6153.1	5129.5	4618.8	3521.5	2211.9	1565.7	1009.0	566.9	394.6
22.5°	13134.3	11461.8	9463.4	7501.7	6338.8	4689.9	3294.2	2469.9	1546.3	811.4	522.3
20°	18108.6	15510.6	13005.3	10520.2	8077.6	5748.6	4109.0	3369.0	2259.4	1146.2	644.8
17.5°	24130.5	20027.6	17351.0	13978.1	10655.9	7503.9	5770.1	4536.1	3152.9	1427.0	756.4
15°	31676.0	27325.8	23229.9	18486.0	14176.5	11022.9	8228.3	6081.3	4210.9	1963.7	1007.6
12.5°	43501.8	36867.2	30439.4	24221.6	19265.6	15086.6	11382.8	8238.6	5446.8	2921.1	1417.2
10°	54251.2	46144.8	38027.4	30912.1	24813.9	19418.4	14328.1	9946.7	6522.4	3888.6	1865.2
7.5°	63005.7	53848.7	45215.1	36432.7	28979.0	22356.8	16361.6	11374.1	7432.7	4761.9	2331.4
5°	70027.1	59207.6	49339.3	39128.6	31593.5	24981.2	18187.7	12659.7	8182.4	5527.5	2793.1
2.5°	74393.4	62578.7	52311.4	41100.7	33509.6	27088.2	19777.6	13769.2	8816.9	6128.2	3195.7
0°	76961.4	64840.7	54265.9	42412.6	34593.7	28220.2	21085.5	14643.5	9330.5	6585.2	3547.0
-2.5°	76377.7	63277.4	52447.3	40502.3	32582.8	26291.6	19819.3	14315.5	9815.8	6684.6	3417.3
-5°	71423.4	59130.5	49088.2	38582.1	30745.7	24773.4	18862.8	14051.1	10075.7	6629.7	3219.1
-7.5°	69366.3	56185.8	45536.6	35925.7	28709.9	23279.9	18121.6	13885.3	10075.6	6538.4	3262.8
-10°	66143.3	54434.1	44281.8	34935.8	27662.8	21744.9	17313.6	13548.2	9866.9	6259.8	3185.7
-12.5°	63532.1	52368.4	42619.0	34022.2	27707.3	21746.5	17067.5	13127.3	9441.7	5790.1	2967.6
-15°	59694.5	50375.3	40985.6	33191.8	27252.4	21418.8	16670.5	12619.8	8525.6	5020.2	2593.7
-17.5°	53740.7	46679.4	37974.5	30389.0	24839.2	20455.1	15892.3	11455.2	7245.7	4023.8	2002.4
-20°	46499.4	40070.2	33021.5	26521.0	21287.4	17132.2	14029.2	9624.1	5810.9	3174.6	1776.4



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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°	38523.6	32841.9	26699.1	21545.9	17198.6	13714.7	10734.9	7256.7	4198.1	2244.5	1537.8
-25°	29638.0	25277.8	20357.7	16994.8	13285.3	10033.6	7850.4	5297.8	3081.8	1657.0	1303.2
-27.5°	22411.6	18562.5	15919.4	13398.0	10466.8	7815.1	5677.0	3578.9	1988.0	1416.7	1152.3
-30°	17118.8	14985.8	12989.0	11070.7	8673.1	6229.4	3874.8	2404.2	1523.0	1214.1	1045.3
-32.5°	13673.6	12272.0	10749.4	9015.8	6781.9	4393.7	2687.5	1561.3	1269.0	1107.7	1001.5
-35°	11226.2	9933.6	8470.5	6637.8	4510.5	2856.5	1646.5	1332.3	1136.7	1025.5	974.1
-37.5°	8817.6	7551.5	5923.1	4177.2	2712.5	1681.9	1393.0	1189.6	1049.3	996.2	920.6
-40°	6260.0	4894.9	3541.1	2198.3	1662.5	1403.8	1231.0	1090.2	1027.9	948.3	852.6
-42.5°	3662.4	2488.3	1824.8	1575.9	1365.7	1239.8	1124.3	1063.0	984.4	880.9	762.1
-45°	1852.5	1634.6	1432.7	1329.7	1217.2	1149.1	1091.1	1006.0	908.2	790.9	663.4
-47.5°	1451.1	1367.4	1276.1	1218.7	1170.3	1108.6	1015.6	919.7	808.0	692.3	586.4
-50°	1314.1	1283.7	1243.8	1185.3	1102.5	1017.1	915.6	808.6	706.4	607.7	510.1
-52.5°	1325.0	1252.7	1175.8	1092.8	992.2	892.9	794.4	705.2	614.6	524.4	437.8
-55°	1240.0	1147.5	1051.1	950.8	849.5	766.5	684.1	603.8	522.5	440.3	372.3
-57.5°	1078.4	988.6	901.1	811.9	721.5	647.5	576.5	502.8	435.1	371.5	309.2
-60°	912.4	835.1	754.3	676.8	603.8	536.9	473.9	413.6	356.6	300.8	245.3
-62.5°	727.4	663.3	599.6	538.6	480.9	426.4	373.4	323.2	275.4	228.9	187.4
-65°	540.1	489.3	441.0	398.3	356.1	314.4	271.2	234.6	201.6	168.3	134.7
-67.5°	369.1	332.6	298.2	267.9	243.1	217.6	189.7	161.2	139.6	121.0	100.7
-70°	236.3	214.8	194.4	174.5	158.3	144.3	128.8	112.8	97.0	83.0	68.5
-72.5°	148.4	136.1	124.3	113.6	102.5	92.6	82.2	71.3	60.2	49.2	39.8
-75°	90.2	81.4	72.9	65.7	58.1	49.9	44.4	40.0	35.4	30.6	25.7
-77.5°	50.7	45.6	40.9	37.7	34.4	30.9	27.2	23.9	21.8	19.8	18.3
-80°	30.6	27.7	24.9	23.1	21.3	19.5	17.9	16.6	15.5	14.8	14.2
-82.5°	18.8	17.0	15.3	14.5	13.9	13.2	12.7	12.3	12.0	11.6	11.3
-85°	12.3	11.3	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5
-87.5°	8.5	8.5	8.4	8.4	8.3	8.3	8.2	8.1	8.1	8.0	8.0
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	5.9	6.4



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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°	7.0	7.5	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	6.8	7.1	7.4	7.7	7.8	8.1	8.3	8.6	8.6	8.6	8.6
85°	7.0	7.5	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	7.0	7.6	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	7.0	7.6	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	7.6	7.8	8.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	8.6	8.5	8.5	8.7	8.7	8.6	8.6	8.7	8.8	8.6	8.6
72.5°	8.6	8.6	8.6	8.9	9.2	9.2	8.9	8.8	9.1	9.0	8.7
70°	9.7	8.8	8.6	8.9	9.5	9.9	9.8	9.5	9.4	9.5	9.2
67.5°	11.8	10.5	9.4	9.2	9.5	10.1	10.6	10.2	9.9	10.0	9.8
65°	14.4	12.5	10.6	10.1	9.9	10.1	10.6	10.7	10.4	10.2	10.3
62.5°	17.9	14.9	12.9	11.2	10.5	10.4	10.7	10.7	10.7	10.5	10.6
60°	21.6	16.9	14.9	13.0	11.4	10.6	10.7	10.7	10.7	10.7	10.7
57.5°	24.0	17.7	15.9	14.4	12.7	11.2	10.7	10.7	10.7	10.7	10.7
55°	25.0	18.4	16.9	15.3	13.8	12.1	11.0	10.7	10.7	10.7	10.7
52.5°	24.4	19.4	17.8	16.2	14.6	13.0	11.8	10.7	10.7	10.7	10.7
50°	21.6	20.8	18.9	17.0	15.4	13.9	12.6	11.3	10.7	10.7	10.7
47.5°	21.9	22.0	20.4	18.0	16.1	14.8	13.4	12.0	10.7	10.7	10.7
45°	24.9	23.6	22.2	19.7	17.0	15.6	14.2	12.7	11.3	10.8	10.7
42.5°	30.1	28.1	24.6	21.4	18.9	16.4	14.9	13.4	11.9	10.9	10.8
40°	41.7	35.3	28.8	26.5	21.5	17.2	15.6	14.0	12.4	11.2	10.9
37.5°	56.0	46.9	37.2	37.1	26.5	19.9	16.3	14.6	13.2	11.9	11.2
35°	77.3	62.3	54.8	52.8	40.0	22.9	16.9	15.2	13.9	12.5	11.4
32.5°	101.8	91.0	84.3	71.0	57.7	26.2	18.8	16.3	14.8	13.0	11.7
30°	149.5	143.0	122.4	91.1	77.8	42.3	22.2	17.5	15.6	13.6	12.1
27.5°	223.3	207.1	170.0	125.0	96.7	62.1	26.4	18.9	16.6	14.2	12.5
25°	301.9	275.4	232.3	168.0	116.6	82.9	30.9	20.5	17.6	14.9	13.0
22.5°	396.0	340.1	302.7	215.9	141.9	104.2	41.8	24.2	18.9	15.7	13.4
20°	482.7	401.8	378.0	263.3	177.9	124.2	58.7	27.9	20.1	16.4	13.8
17.5°	566.8	483.9	436.0	319.1	217.2	146.8	75.4	31.6	21.5	17.2	14.2
15°	725.3	598.3	503.8	375.8	254.4	171.3	91.6	35.3	22.8	17.9	14.5
12.5°	907.2	719.6	582.2	432.2	289.1	197.1	107.0	38.9	24.1	18.5	14.6
10°	1095.4	845.2	668.1	487.3	321.4	223.4	121.3	43.7	26.1	19.2	14.8
7.5°	1285.4	972.3	758.0	539.9	357.5	263.4	154.4	51.6	28.2	19.8	14.9
5°	1459.6	1092.0	852.7	622.4	426.4	317.5	191.2	59.6	30.3	20.4	14.9
2.5°	1567.3	1196.1	943.5	704.5	493.6	369.7	227.3	67.5	32.3	21.0	15.0
0°	1659.1	1291.4	1026.3	780.4	558.0	419.1	260.8	74.8	34.2	21.4	15.0
-2.5°	1660.6	1294.2	1054.2	852.6	629.4	471.9	301.9	96.7	46.9	27.2	17.0
-5°	1647.2	1290.2	1078.9	918.3	695.6	520.0	337.4	117.3	58.9	32.6	18.9
-7.5°	1679.3	1303.5	1101.8	970.6	755.4	562.9	365.9	135.9	70.0	37.7	20.7
-10°	1701.3	1320.4	1116.6	967.7	755.8	575.1	382.5	152.2	79.8	42.0	22.3
-12.5°	1694.1	1323.8	1125.9	955.1	740.2	559.9	367.7	163.4	88.1	45.6	23.8
-15°	1654.7	1312.3	1129.3	931.8	718.0	541.8	350.2	171.2	95.1	49.1	24.9
-17.5°	1558.4	1284.6	1126.5	897.1	689.0	521.0	330.7	176.3	100.3	52.5	26.7
-20°	1412.2	1220.9	1111.1	850.2	653.1	498.0	309.9	178.7	103.4	54.7	28.6



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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°	1275.5	1144.2	1021.3	803.9	615.6	473.0	288.6	178.2	104.4	55.6	29.9
-25°	1138.0	1072.5	929.2	742.9	582.9	441.5	276.5	174.6	103.0	55.0	30.6
-27.5°	1045.5	997.4	845.1	680.0	542.6	411.5	271.0	172.5	100.4	52.8	30.7
-30°	977.7	907.3	771.5	619.9	498.3	370.8	261.5	167.5	97.9	51.7	30.1
-32.5°	936.7	830.6	699.0	568.1	450.6	329.4	240.9	159.1	93.2	50.9	29.6
-35°	879.1	759.5	627.4	512.2	402.1	298.9	215.3	147.3	86.2	49.1	28.8
-37.5°	816.9	685.4	563.0	455.6	353.3	265.8	192.0	129.9	76.9	46.3	27.4
-40°	732.2	611.2	499.3	402.5	311.8	230.2	167.3	113.8	70.8	42.3	25.5
-42.5°	644.0	540.0	442.0	350.4	270.4	201.5	142.2	96.8	63.6	38.8	23.0
-45°	565.6	471.3	385.8	305.1	228.5	171.7	122.7	80.3	55.5	35.2	20.8
-47.5°	488.5	409.0	332.9	258.8	195.3	143.1	102.4	70.6	46.9	30.9	19.5
-50°	420.6	349.9	282.7	219.3	162.0	120.2	83.8	60.3	40.7	25.5	18.0
-52.5°	361.5	296.3	236.3	180.3	135.3	96.6	71.5	49.7	34.0	22.3	16.4
-55°	306.0	244.8	190.9	147.0	109.1	80.5	58.6	41.4	26.8	20.0	14.7
-57.5°	250.1	193.3	153.0	116.7	88.5	65.9	47.4	32.7	22.9	17.5	14.3
-60°	194.4	153.8	118.1	93.1	71.3	52.1	36.8	25.3	19.9	15.4	13.9
-62.5°	148.9	116.3	93.8	73.1	55.0	39.4	26.9	21.7	16.8	14.8	13.4
-65°	111.8	90.5	71.0	54.4	39.3	28.1	22.6	17.8	15.6	14.2	12.8
-67.5°	81.4	65.0	49.6	35.5	28.0	22.7	18.0	16.2	14.9	13.6	12.3
-70°	54.0	40.3	31.9	26.4	21.5	17.7	16.5	15.4	14.2	13.0	11.8
-72.5°	33.6	28.0	22.9	18.8	17.5	16.3	15.5	14.6	13.5	12.3	11.2
-75°	21.2	19.2	17.8	16.7	15.7	14.9	14.4	13.8	12.7	11.7	11.0
-77.5°	17.1	16.0	15.1	14.7	14.3	13.9	13.4	12.9	12.0	11.4	10.9
-80°	13.9	13.6	13.5	13.4	13.1	12.8	12.5	12.1	11.5	11.1	10.8
-82.5°	11.4	11.6	12.0	12.2	12.0	11.7	11.5	11.2	10.9	10.7	10.5
-85°	9.9	10.3	10.7	11.0	10.9	10.7	10.5	10.4	10.2	10.0	9.9
-87.5°	8.4	8.9	9.3	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2
-90°	6.4	6.4	6.4	6.4	7.0	7.5	8.1	8.6	8.6	8.6	8.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
82.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
80°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
77.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
72.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6
70°	8.7	8.6	8.6	8.6	8.6	8.6	8.6
67.5°	9.2	8.6	8.6	8.6	8.6	8.6	8.6
65°	9.7	8.8	8.6	8.6	8.6	8.6	8.6
62.5°	10.2	9.2	8.6	8.6	8.6	8.6	8.6
60°	10.6	9.6	8.6	8.6	8.6	8.6	8.6
57.5°	10.7	10.0	8.9	8.6	8.6	8.6	8.6
55°	10.7	10.4	9.2	8.6	8.6	8.6	8.6
52.5°	10.7	10.7	9.5	8.6	8.6	8.6	8.6
50°	10.7	10.7	9.8	8.6	8.6	8.6	8.6
47.5°	10.7	10.7	10.1	8.6	8.6	8.6	8.6
45°	10.7	10.7	10.3	8.8	8.6	8.6	8.6
42.5°	10.7	10.7	10.6	9.0	8.6	8.6	8.6
40°	10.7	10.7	10.7	9.2	8.6	8.6	8.6
37.5°	10.7	10.7	10.7	9.3	8.6	8.6	8.6
35°	10.7	10.7	10.7	9.4	8.6	8.6	8.6
32.5°	10.8	10.7	10.7	9.5	8.6	8.6	8.6
30°	11.0	10.7	10.7	9.5	8.6	8.6	8.6
27.5°	11.2	10.7	10.6	9.6	8.6	8.6	8.6
25°	11.5	10.7	10.6	9.6	8.6	8.6	8.6
22.5°	11.7	10.7	10.6	9.5	8.6	8.6	8.6
20°	12.0	10.7	10.5	9.5	8.6	8.6	8.6
17.5°	12.2	10.7	10.5	9.4	8.6	8.6	8.6
15°	12.4	10.7	10.6	9.3	8.6	8.6	8.6
12.5°	12.5	10.7	10.6	9.2	8.6	8.6	8.6
10°	12.6	10.7	10.6	9.1	8.6	8.6	8.6
7.5°	12.7	10.7	10.6	9.0	8.6	8.6	8.6
5°	12.8	10.7	10.7	8.9	8.6	8.6	8.6
2.5°	12.8	10.7	10.7	8.7	8.6	8.6	8.6
0°	12.8	10.7	10.7	8.6	8.6	8.6	8.6
-2.5°	13.6	11.2	10.7	8.7	8.6	8.6	8.6
-5°	14.5	11.6	10.7	8.9	8.6	8.6	8.6
-7.5°	15.2	12.1	10.6	9.0	8.6	8.6	8.6
-10°	15.9	12.4	10.6	9.1	8.6	8.6	8.6
-12.5°	16.5	12.8	10.6	9.2	8.6	8.6	8.6
-15°	17.1	13.0	10.6	9.3	8.6	8.6	8.6
-17.5°	17.6	13.2	10.5	9.4	8.6	8.6	8.6
-20°	18.1	13.3	10.5	9.5	8.6	8.6	8.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.8	13.3	10.6	9.5	8.6	8.6	8.6
-25°	19.1	13.2	10.6	9.6	8.6	8.6	8.6
-27.5°	19.1	13.1	10.6	9.6	8.6	8.6	8.6
-30°	18.8	12.8	10.7	9.5	8.6	8.6	8.6
-32.5°	18.1	12.5	10.8	9.5	8.6	8.6	8.6
-35°	17.6	12.1	10.9	9.4	8.6	8.6	8.6
-37.5°	17.0	11.8	11.0	9.3	8.6	8.6	8.6
-40°	16.4	11.9	11.0	9.2	8.6	8.6	8.6
-42.5°	15.6	12.0	11.0	9.1	8.6	8.6	8.6
-45°	14.6	12.0	10.8	8.9	8.6	8.6	8.6
-47.5°	13.5	11.9	10.6	8.8	8.6	8.6	8.6
-50°	13.3	11.9	10.3	8.8	8.6	8.6	8.6
-52.5°	13.1	11.8	10.1	8.8	8.6	8.6	8.6
-55°	12.9	11.5	9.9	8.8	8.6	8.6	8.6
-57.5°	12.7	11.2	9.6	8.9	8.6	8.6	8.6
-60°	12.3	10.9	9.4	8.9	8.6	8.6	8.6
-62.5°	11.9	10.5	9.4	8.9	8.6	8.6	8.6
-65°	11.5	10.1	9.5	9.0	8.6	8.6	8.6
-67.5°	11.0	10.0	9.5	9.0	8.6	8.6	8.6
-70°	10.6	10.0	9.5	9.0	8.6	8.6	8.6
-72.5°	10.6	10.1	9.6	9.0	8.6	8.6	8.6
-75°	10.6	10.1	9.6	9.0	8.6	8.6	8.6
-77.5°	10.6	10.1	9.5	8.9	8.6	8.6	8.6
-80°	10.7	9.9	9.3	8.9	8.6	8.6	8.6
-82.5°	10.2	9.6	9.1	8.8	8.6	8.6	8.6
-85°	9.7	9.3	9.0	8.7	8.6	8.6	8.6
-87.5°	9.1	8.9	8.8	8.7	8.6	8.6	8.6
-90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6

(END OF REPORT)