

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: P1306365 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-80-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

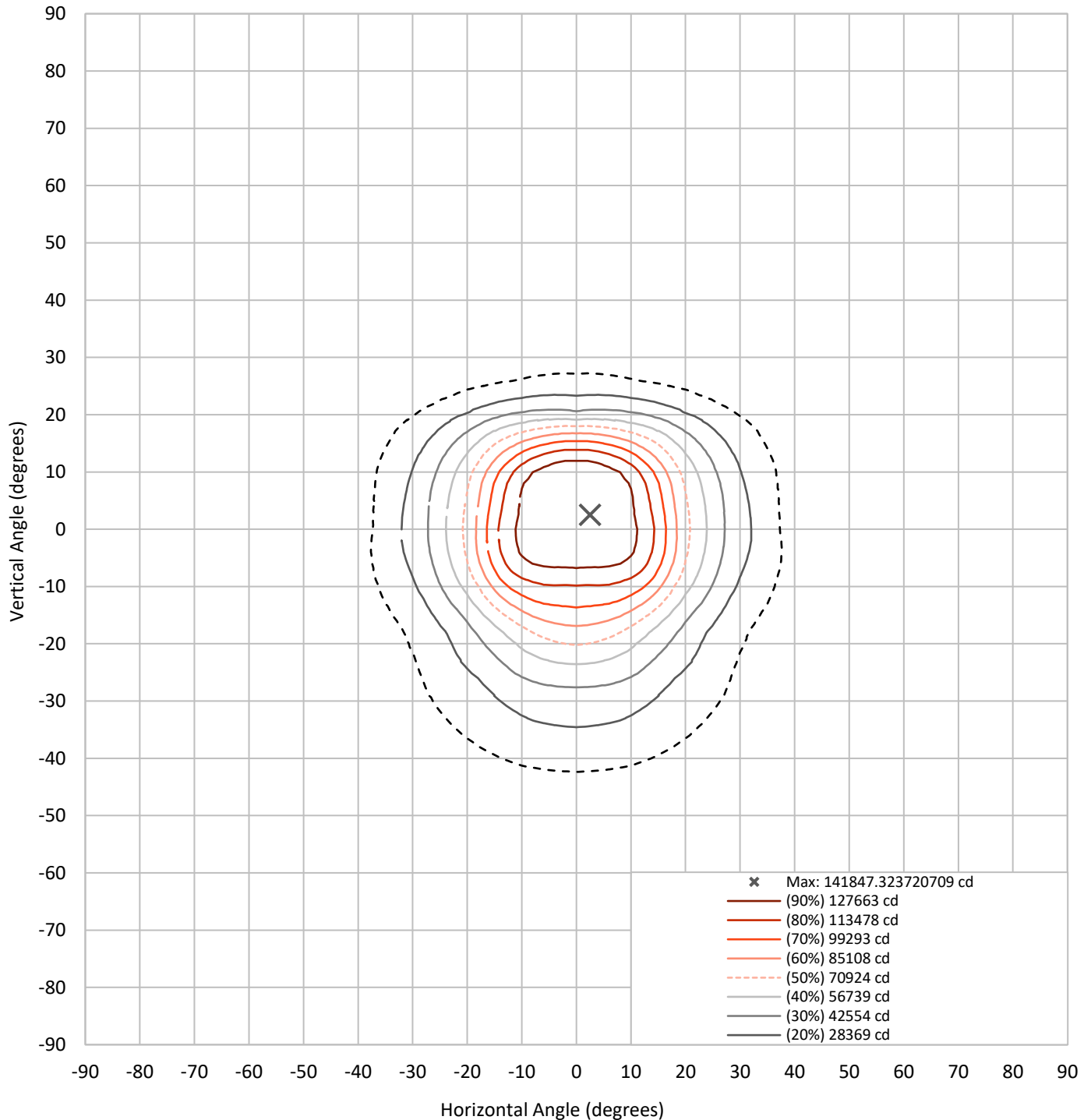
Test Method: LM-79-08
Report Number: P1306365 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-50-80-5S-CV1-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	75730.1 lumens	Max Intensity:	141847.3 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x 2.5°V
Efficacy:	110.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	41727.7 lumens	Field Lumens:	70427.5 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
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





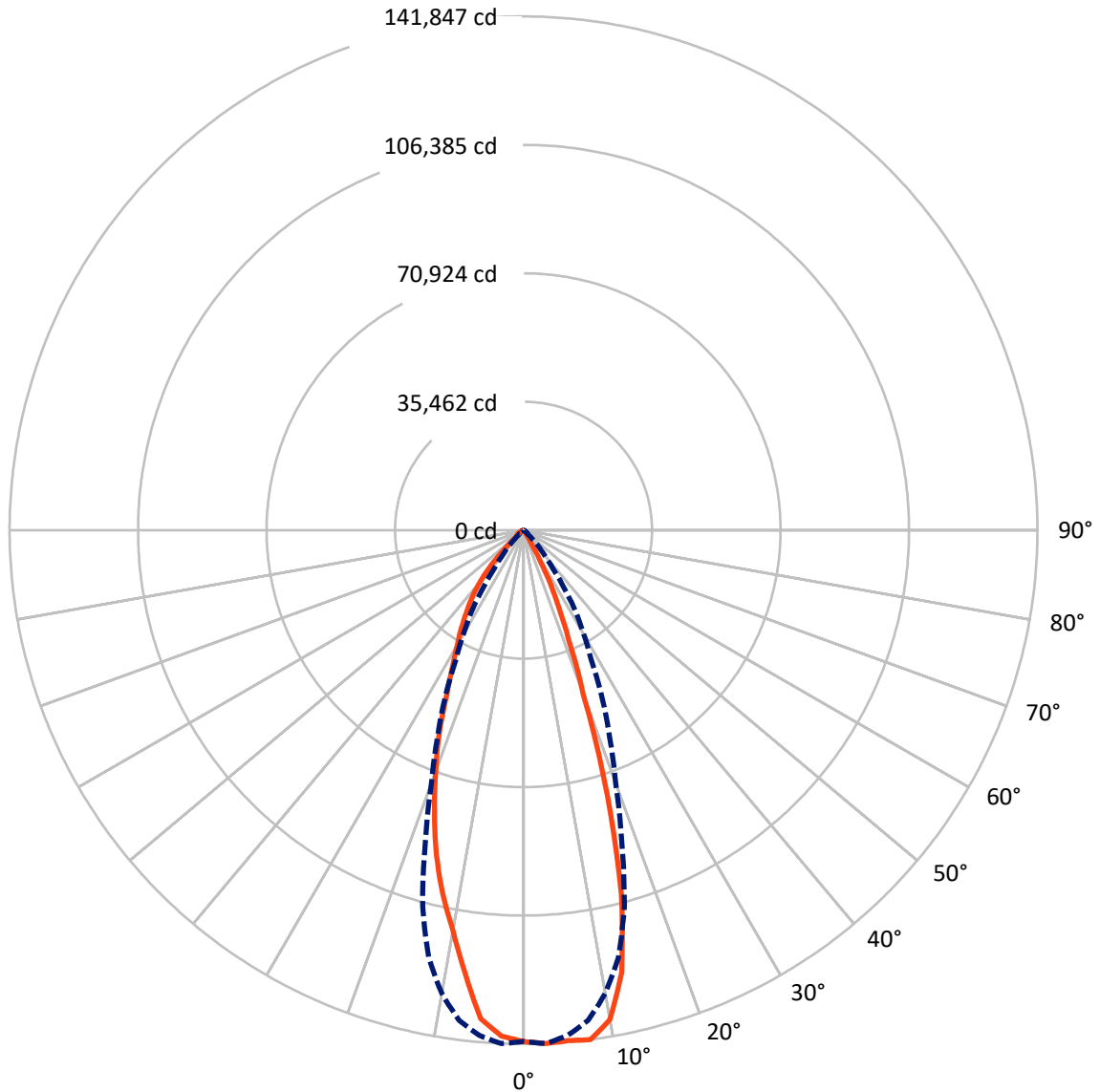
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Lumen Table

90	0.1	0.3	0.5	0.5	0.4	0.5	0.5	0.3	0.1										
80	0.1	0.3	0.5	0.5	0.4	0.5	0.5	0.3	0.1										
70	0.1	0.1	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.7	0.8	0.4	0.3	0.3	0.3	0.3	0.4	0.8	0.7	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.8	1.0	1.2	1.1	1.1	1.2	1.0	0.8	0.5	0.3	0.1	0.1			
40		0.2	0.8	2.3	4.9	10.7	25.2	36.0	36.0	25.2	10.7	4.9	2.3	0.8	0.2				
30	0.2	0.4	4.0	15.1	82.6	253.5	510.1	686.3	686.3	510.1	253.5	82.6	15.1	4.0	0.4	0.2			
20		1.1	9.9	54.6	340.3	968.7	2008.2	2892.2	2892.2	2008.2	968.7	340.3	54.6	9.9	1.1				
10	0.2	1.9	13.3	86.1	489.1	1393.6	3011.0	4163.8	4163.8	3011.0	1393.6	489.1	86.1	13.3	1.9	0.2			
0		2.3	14.3	90.1	492.6	1358.6	2967.3	3933.0	3933.0	2967.3	1358.6	492.6	90.1	14.3	2.3				
-10	0.4	2.7	13.7	60.5	323.8	896.2	1906.3	2711.5	2711.5	1906.3	896.2	323.8	60.5	13.7	2.7	0.4			
-20		2.7	13.0	33.7	190.9	548.8	1066.8	1508.7	1508.7	1066.8	548.8	190.9	33.7	13.0	2.7				
-30	0.3	2.1	10.5	25.0	76.7	302.6	590.3	807.9	807.9	590.3	302.6	76.7	25.0	10.5	2.1	0.3			
-40		1.4	6.9	19.6	37.7	70.4	166.8	259.3	259.3	166.8	70.4	37.7	19.6	6.9	1.4				
-50	0.2	0.7	3.4	10.7	23.1	37.7	51.4	59.5	59.5	51.4	37.7	23.1	10.7	3.4	0.7	0.2			
-60		0.3	1.2	3.6	7.9	13.5	19.9	23.5	23.5	19.9	13.5	7.9	3.6	1.2	0.3				
-70	0.2	0.7	2.7	6.3	8.5	6.3	2.7	0.7	0.2							0.2			
-80		0.7	2.7	6.3	8.5	6.3	2.7	0.7	0.2										
-90	0.2	0.7	2.7	6.3	8.5	6.3	2.7	0.7	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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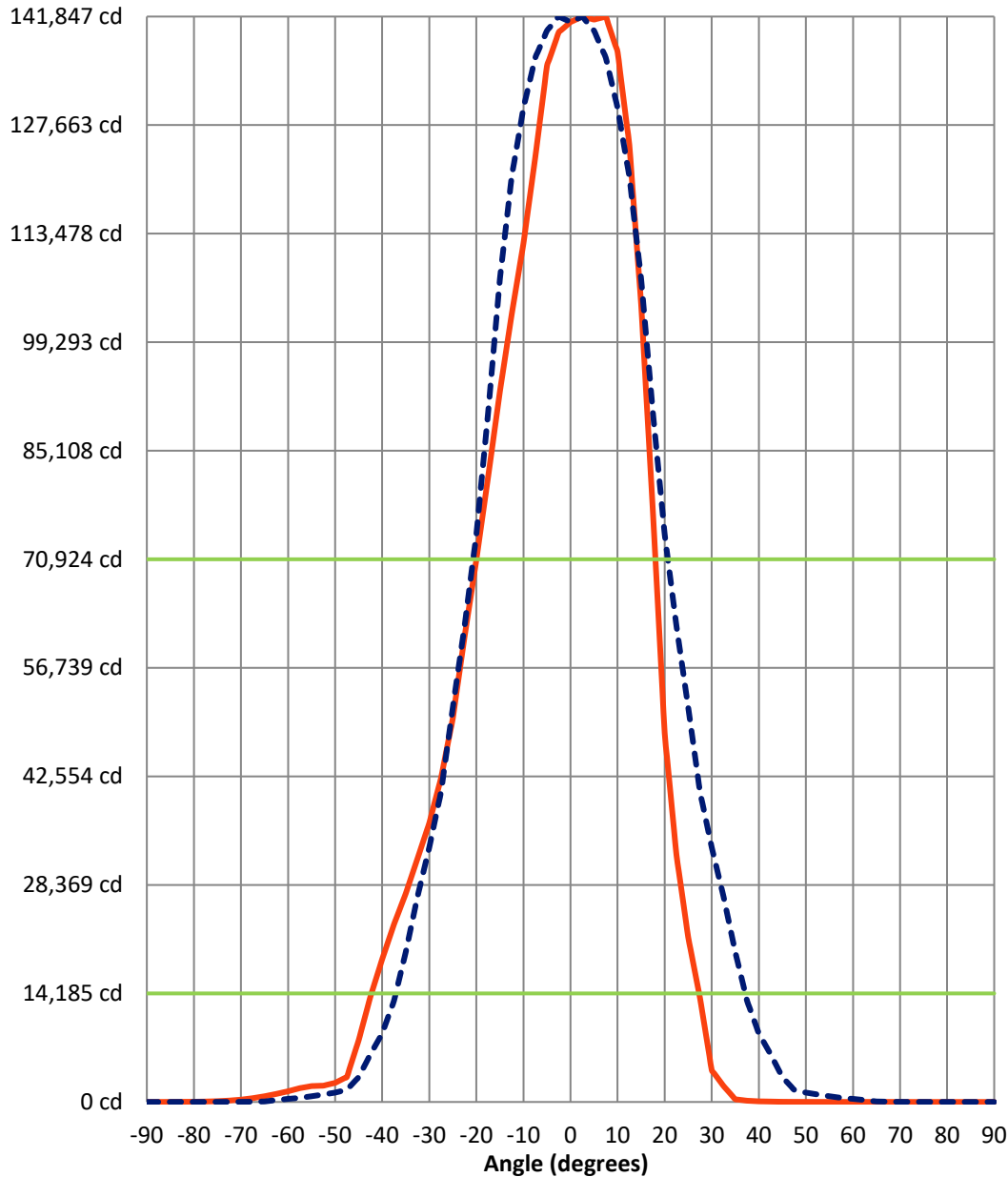
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 41.4°
 V Angle: 38°
 Lumens: 41727.7
 Efficiency: 55.1%

Field:
 H Angle: 74.2°
 V Angle: 69.6°
 Lumens: 70427.5
 Efficiency: 93.0%

Spill:
 Lumens: 5302.6
 Efficiency: 7.0%

- Vertical Distribution through 2.5-Deg
- - - Horizontal Distribution through 2.5-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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.6	4.1
85°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.6	4.1
82.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.8	4.7
80°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.7	5.5	5.4	5.5
77.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8	6.0	6.1
75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.1	6.1	6.1
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.1	6.3
55°	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.2	6.1	6.2	6.6
52.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.5	6.3	6.1	6.6	7.0
50°	6.1	6.1	6.1	6.1	6.1	6.3	6.7	6.4	6.3	7.1	8.1
47.5°	6.1	6.1	6.1	6.1	6.1	6.5	6.9	6.5	6.8	7.7	9.1
45°	6.1	6.1	6.1	6.1	6.1	6.7	7.0	6.6	7.4	8.5	10.0
42.5°	6.1	6.1	6.1	6.1	6.1	7.0	7.0	6.9	8.0	9.2	10.7
40°	6.1	6.1	6.1	6.1	6.2	7.2	7.1	7.5	8.6	9.8	11.3
37.5°	6.1	6.1	6.1	6.2	6.4	7.5	7.2	8.0	9.2	10.4	11.9
35°	6.1	6.1	6.1	6.2	6.6	7.7	7.4	8.5	9.8	11.2	12.6
32.5°	6.1	6.1	6.1	6.3	6.8	7.7	7.5	8.9	10.3	12.0	14.3
30°	6.1	6.1	6.1	6.4	7.0	7.8	7.9	9.4	10.9	12.8	16.2
27.5°	6.1	6.1	6.1	6.5	7.3	7.9	8.3	9.8	11.4	13.7	18.4
25°	6.1	6.1	6.1	6.6	7.5	8.0	8.7	10.3	12.1	15.2	21.0
22.5°	6.1	6.1	6.1	6.8	7.6	8.1	9.0	10.7	12.9	17.1	25.8
20°	6.1	6.1	6.1	6.9	7.8	8.1	9.3	11.1	13.6	19.1	31.0
17.5°	6.1	6.1	6.1	7.0	7.9	8.1	9.5	11.4	14.3	21.3	36.4
15°	6.1	6.1	6.1	7.2	8.0	8.1	9.7	11.7	14.9	23.4	42.0
12.5°	6.1	6.1	6.1	7.4	8.0	8.1	9.8	11.8	15.6	25.5	47.7
10°	6.1	6.1	6.1	7.5	8.1	8.1	9.9	12.0	16.2	27.9	53.2
7.5°	6.1	6.1	6.1	7.7	8.1	8.1	10.0	12.1	16.8	30.3	58.3
5°	6.1	6.1	6.1	7.8	8.1	8.1	10.1	12.1	17.3	32.6	63.1
2.5°	6.1	6.1	6.1	8.0	8.1	8.1	10.1	12.2	17.8	34.7	67.4
0°	6.1	6.1	6.1	8.1	8.1	8.1	10.1	12.2	18.2	36.5	71.0
-2.5°	6.1	6.1	6.2	8.1	8.1	8.3	10.6	14.4	24.4	47.6	88.5
-5°	6.1	6.1	6.3	8.1	8.1	8.5	11.1	16.5	30.3	58.2	105.0
-7.5°	6.1	6.1	6.4	8.1	8.1	8.7	11.6	18.5	35.8	67.9	120.1
-10°	6.1	6.1	6.4	8.0	8.1	8.9	12.0	20.2	40.5	76.5	133.4
-12.5°	6.1	6.1	6.5	8.0	8.1	9.1	12.3	21.6	44.5	84.0	146.1
-15°	6.1	6.1	6.6	8.0	8.1	9.2	12.6	22.6	48.2	91.2	157.0
-17.5°	6.1	6.1	6.6	7.9	8.1	9.3	12.8	24.3	51.7	96.8	164.9
-20°	6.1	6.1	6.7	7.9	8.1	9.3	13.3	26.3	54.2	100.4	169.6



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 CATALOG NUMBER: EPH-08-680N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.1	6.1	6.7	7.9	8.1	9.3	14.3	27.7	55.4	102.0	170.7
-25°	6.1	6.1	6.8	7.9	8.1	9.5	15.1	28.5	55.3	101.4	168.0
-27.5°	6.1	6.1	6.8	7.9	8.1	9.7	15.4	28.5	53.8	99.6	166.9
-30°	6.1	6.1	6.8	7.9	8.1	9.7	15.4	27.8	52.9	97.7	162.9
-32.5°	6.1	6.1	6.8	7.9	8.2	9.6	15.1	27.6	52.0	93.9	155.8
-35°	6.1	6.1	6.8	8.0	8.3	9.4	14.8	27.2	50.1	88.1	145.5
-37.5°	6.1	6.1	6.8	8.0	8.4	9.2	14.5	26.1	47.1	80.2	132.2
-40°	6.1	6.1	6.8	8.1	8.4	9.3	14.0	24.5	43.0	74.4	119.1
-42.5°	6.1	6.1	6.7	8.1	8.4	9.3	13.2	22.2	39.6	67.5	104.5
-45°	6.1	6.1	6.7	8.1	8.4	9.3	12.1	20.0	36.2	59.5	89.3
-47.5°	6.1	6.1	6.6	8.1	8.4	9.3	10.9	18.4	32.0	50.9	79.4
-50°	6.1	6.1	6.5	8.0	8.4	9.2	10.6	16.5	26.8	44.8	68.7
-52.5°	6.1	6.1	6.4	7.8	8.4	9.1	10.4	14.2	23.2	38.1	57.4
-55°	6.1	6.1	6.3	7.6	8.3	9.0	10.2	11.9	20.0	30.7	48.8
-57.5°	6.1	6.1	6.2	7.4	8.2	8.9	10.0	11.6	16.6	25.8	39.4
-60°	6.1	6.1	6.1	7.2	8.1	8.7	9.7	11.2	13.5	21.2	30.9
-62.5°	6.1	6.1	6.1	7.1	7.9	8.5	9.3	10.7	12.8	16.4	25.1
-65°	6.1	6.1	6.1	6.9	7.7	8.2	9.0	10.1	11.9	14.4	18.9
-67.5°	6.1	6.1	6.1	6.7	7.6	8.0	8.6	9.6	10.9	13.0	15.7
-70°	6.1	6.1	6.1	6.5	7.4	7.9	8.2	9.1	10.3	11.5	13.7
-72.5°	6.1	6.1	6.1	6.5	7.2	7.8	8.1	8.6	9.7	10.7	11.8
-75°	6.1	6.1	6.1	6.4	7.1	7.7	8.1	8.4	9.0	10.0	11.0
-77.5°	6.1	6.1	6.1	6.4	6.9	7.6	8.1	8.3	8.7	9.4	10.2
-80°	6.1	6.1	6.1	6.3	6.8	7.4	8.1	8.2	8.4	8.9	9.4
-82.5°	6.1	6.1	6.1	6.3	6.6	7.1	7.6	7.9	8.1	8.3	8.6
-85°	6.1	6.1	6.1	6.2	6.4	6.7	7.1	7.3	7.5	7.6	7.8
-87.5°	6.1	6.1	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9	6.9
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.6	4.1



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 CATALOG NUMBER: EPH-08-680N-50-80-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
82.5°	4.7	4.6	4.4	4.1	4.1	4.1	4.1	4.3	4.4	4.4	4.3
80°	5.4	5.2	4.7	4.2	4.3	4.6	5.1	5.7	5.6	5.2	4.9
77.5°	5.7	5.2	4.7	4.2	4.5	5.2	5.7	6.0	6.0	5.9	6.0
75°	5.8	5.3	5.0	5.0	5.5	5.9	6.1	6.5	6.8	6.8	6.6
72.5°	5.9	5.7	5.7	6.1	6.2	6.4	6.9	7.7	8.1	8.0	7.9
70°	6.0	6.1	6.1	6.1	6.2	6.9	7.9	8.9	9.6	10.0	11.0
67.5°	6.1	6.1	6.1	6.2	6.9	8.0	9.1	11.5	14.5	15.7	16.8
65°	6.1	6.1	6.3	7.0	8.0	9.6	12.1	15.6	21.6	24.5	25.8
62.5°	6.1	6.2	6.8	7.8	9.1	11.2	16.3	23.0	30.6	34.7	33.9
60°	6.1	6.3	7.6	9.2	10.7	15.3	22.0	29.8	39.5	46.4	41.6
57.5°	6.3	7.2	9.1	11.1	14.5	19.0	25.8	35.2	45.0	55.5	47.9
55°	7.0	8.8	10.8	13.5	17.2	20.6	27.5	36.2	47.1	53.7	47.2
52.5°	8.5	10.3	12.1	15.3	18.8	21.6	25.7	33.9	40.3	45.7	42.1
50°	9.8	11.1	13.1	16.8	19.9	21.6	21.3	27.5	32.9	35.3	35.8
47.5°	10.7	12.0	14.4	18.0	20.6	21.0	19.1	22.2	26.2	28.7	28.0
45°	11.4	13.3	15.9	19.0	21.0	20.2	19.9	18.7	23.8	26.0	26.4
42.5°	12.1	14.8	17.9	20.4	21.1	22.2	22.6	22.8	25.4	30.4	33.0
40°	13.3	16.3	20.4	22.5	22.8	26.3	29.9	32.7	34.5	41.4	46.3
37.5°	14.6	18.8	23.7	27.3	27.8	34.0	39.6	57.5	61.2	55.9	73.5
35°	15.8	21.7	30.0	38.5	43.4	45.0	69.8	94.0	104.5	102.3	117.1
32.5°	17.8	24.8	38.1	57.6	76.8	81.7	108.1	149.2	186.0	200.9	191.7
30°	21.4	32.4	51.1	81.8	125.3	173.3	180.7	226.4	300.7	361.3	451.8
27.5°	26.7	42.2	74.3	126.3	196.0	294.0	318.1	357.7	468.2	620.2	912.1
25°	32.7	67.2	100.8	185.5	314.6	429.6	474.9	549.7	677.8	1169.3	1841.3
22.5°	46.2	100.5	155.2	253.8	452.9	571.7	653.5	779.1	1083.7	1868.4	3176.5
20°	70.2	146.9	224.0	340.0	599.2	721.6	831.6	1022.6	1702.6	3161.6	5287.7
17.5°	98.5	197.0	295.2	443.9	678.2	845.5	1015.7	1272.2	2352.1	4669.9	7494.7
15°	130.1	249.9	362.1	533.9	747.3	927.2	1164.8	1756.0	3383.2	6392.0	9522.0
12.5°	163.9	304.5	424.7	610.7	811.4	1004.0	1287.0	2169.4	4457.9	7956.4	11604.7
10°	198.8	359.7	483.2	675.4	870.2	1075.1	1397.7	2547.2	5215.7	8543.3	12602.5
7.5°	220.4	394.2	530.4	729.2	923.3	1139.9	1495.9	2880.8	5751.9	8839.4	13013.5
5°	236.7	402.9	535.1	745.0	957.2	1191.5	1572.4	3160.6	6085.2	8881.3	13140.4
2.5°	249.1	406.5	536.0	749.9	977.6	1226.4	1598.6	3253.2	6237.9	8962.6	13228.1
0°	257.5	405.5	533.3	748.2	991.5	1253.1	1608.0	3270.6	6241.2	9015.1	13261.0
-2.5°	271.2	420.0	560.4	779.7	1007.2	1258.7	1621.1	3362.7	6544.0	9582.6	14261.7
-5°	281.0	430.9	583.0	804.2	1016.5	1255.9	1618.9	3367.7	6582.0	9714.3	14302.3
-7.5°	287.0	438.1	600.0	818.7	1008.4	1224.4	1563.6	3095.5	6002.9	9118.6	13330.6
-10°	290.7	447.3	612.0	810.2	978.3	1172.5	1485.0	2758.9	5310.3	8352.2	12156.2
-12.5°	297.4	458.0	619.9	800.3	950.3	1115.4	1392.6	2367.5	4523.7	7415.4	10795.4
-15°	299.5	465.1	623.9	790.7	926.9	1054.0	1286.8	1928.9	3735.5	6593.0	9448.2
-17.5°	296.8	468.4	624.2	782.7	910.3	989.2	1178.6	1549.8	3147.8	5794.7	8429.3
-20°	289.3	468.1	620.8	777.9	899.9	967.9	1143.0	1467.2	2642.8	4859.5	7466.5



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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°	276.9	464.2	614.8	769.7	898.9	987.5	1112.7	1363.1	2009.2	3779.4	6468.7
-25°	268.7	446.7	605.4	748.5	892.8	1008.6	1080.2	1251.8	1612.4	2954.5	5123.8
-27.5°	264.8	423.2	577.3	718.1	877.1	1020.7	1086.3	1211.4	1466.5	2048.5	3707.1
-30°	255.8	383.8	543.4	679.8	840.5	996.5	1110.3	1169.5	1334.4	1673.5	2649.2
-32.5°	237.9	343.5	498.7	638.2	789.6	960.6	1114.6	1173.0	1279.5	1474.8	1840.4
-35°	217.2	317.7	449.9	590.0	728.7	902.0	1064.8	1189.5	1236.2	1377.5	1632.8
-37.5°	199.1	287.5	400.2	536.1	670.3	829.8	1009.0	1154.0	1250.1	1312.1	1500.8
-40°	178.0	252.9	359.0	481.1	611.4	756.9	922.8	1092.0	1228.5	1345.7	1424.9
-42.5°	155.0	226.3	316.6	426.0	551.7	686.6	830.2	997.8	1172.3	1339.4	1461.6
-45°	136.9	196.7	271.9	374.7	488.4	613.0	747.5	889.0	1071.4	1259.8	1430.5
-47.5°	117.0	166.8	235.6	318.8	424.2	538.3	660.4	794.1	944.5	1125.8	1321.7
-50°	97.9	142.6	195.6	269.9	358.0	461.6	573.2	690.2	823.2	974.0	1146.3
-52.5°	84.7	116.5	163.7	220.6	296.2	384.2	482.9	586.0	699.6	823.5	965.1
-55°	70.5	98.0	132.3	179.1	236.2	311.3	391.7	483.3	577.6	685.4	794.3
-57.5°	58.1	80.7	107.3	141.7	187.3	239.2	309.0	381.3	465.1	552.2	639.2
-60°	46.4	64.3	86.3	112.5	143.4	186.2	230.6	290.9	357.8	423.5	496.1
-62.5°	34.9	49.5	66.8	87.3	112.5	137.4	172.6	214.0	257.9	311.9	365.1
-65°	27.5	35.8	48.9	65.4	83.3	104.6	126.6	148.9	184.1	219.2	252.5
-67.5°	19.8	27.3	34.9	44.2	59.3	74.4	90.2	109.6	129.2	147.6	169.1
-70°	16.4	19.2	25.2	32.1	38.8	46.9	60.0	73.7	87.6	101.4	116.8
-72.5°	13.7	16.1	18.7	21.6	27.0	32.3	37.5	42.5	51.3	62.7	73.5
-75°	11.9	13.0	15.0	17.3	19.6	21.7	24.2	28.5	32.9	37.3	41.7
-77.5°	10.8	11.5	12.4	13.5	14.8	16.7	18.5	20.3	22.0	23.7	25.4
-80°	9.8	10.1	10.6	11.3	12.0	12.9	13.9	15.0	16.2	17.6	19.0
-82.5°	8.9	9.1	9.3	9.5	9.7	10.0	10.2	10.8	11.5	12.2	13.0
-85°	7.9	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9.0	9.2	9.3
-87.5°	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.5	7.6	7.6	7.7
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.6	4.1	4.1	4.1
87.5°	4.1	4.1	4.1	4.1	4.1	3.6	3.1	2.5	2.0	2.0	2.0
85°	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.5	3.0
82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.1
80°	4.7	4.7	4.6	4.4	4.1	4.1	4.1	4.1	4.1	3.6	3.1
77.5°	6.1	5.7	5.2	4.7	4.2	4.1	4.1	4.1	4.1	3.6	3.1
75°	6.3	5.9	5.6	5.4	5.1	5.0	4.8	4.5	4.2	4.0	4.0
72.5°	7.8	7.6	7.5	7.7	7.7	7.5	7.1	6.5	5.9	5.8	5.9
70°	11.7	12.1	12.2	12.0	11.3	10.4	9.6	8.8	7.9	7.7	7.8
67.5°	18.0	18.2	17.6	16.3	14.2	12.4	11.3	10.1	8.7	8.3	8.8
65°	25.5	22.5	20.1	17.9	16.0	14.3	13.0	11.7	10.3	10.0	11.3
62.5°	30.4	23.9	20.2	18.5	17.2	16.0	14.1	12.5	11.0	10.2	10.4
60°	34.6	25.5	19.2	17.6	16.0	14.4	12.5	11.0	9.6	8.7	8.5
57.5°	36.6	26.0	17.6	15.3	13.1	11.0	10.0	9.6	8.9	8.1	8.6
55°	35.2	24.1	15.0	13.3	12.6	12.2	11.8	10.8	10.0	9.4	9.8
52.5°	30.2	22.0	16.0	13.9	13.3	12.7	12.1	11.9	11.7	11.5	11.6
50°	26.9	20.6	16.4	14.0	14.0	14.0	14.0	14.2	14.5	14.6	14.7
47.5°	24.0	19.3	18.3	16.0	16.4	17.7	17.9	18.2	19.3	19.2	18.7
45°	24.0	25.8	25.2	23.8	22.9	31.9	32.5	27.3	32.4	31.7	27.8
42.5°	35.2	37.7	38.2	47.0	63.5	62.7	61.0	69.1	63.6	55.6	49.9
40°	54.5	54.4	64.7	79.4	78.8	75.7	85.8	87.1	86.4	91.1	89.6
37.5°	86.7	87.8	92.4	101.2	116.7	109.4	131.3	145.5	147.7	167.3	182.5
35°	144.2	169.0	146.9	199.6	234.0	226.7	258.6	315.8	261.9	401.0	426.1
32.5°	270.3	326.0	368.8	429.0	506.7	621.5	630.0	1036.5	1117.8	1357.8	1685.9
30°	465.4	626.8	936.9	1017.9	1143.0	1618.7	2181.3	2885.1	3539.4	4006.8	4621.6
27.5°	1120.6	1387.2	2055.2	2781.0	2738.7	3627.6	5639.7	6258.6	7957.6	8522.8	9956.9
25°	2506.5	3145.0	4761.9	6203.0	6937.3	9279.6	11934.1	13131.2	15369.3	16559.2	18314.9
22.5°	4901.6	6653.3	8797.9	11010.8	13768.3	17354.7	20636.2	23031.5	26044.9	28464.2	29896.1
20°	7933.6	10357.4	13660.1	17097.6	21362.9	26074.4	29499.5	34352.3	38884.6	43188.4	45129.6
17.5°	10820.8	14870.4	18866.1	23015.1	28610.3	34773.2	40355.5	47453.0	54968.1	60747.3	65458.5
15°	13267.1	17773.2	23538.4	28497.0	34901.0	42586.4	50885.4	59959.2	70766.9	78981.1	87827.2
12.5°	15525.4	20043.7	26298.9	32221.0	40844.2	49524.2	59208.9	70483.3	82976.8	95128.0	106526.4
10°	16979.3	22186.7	28889.8	36084.6	44917.7	54996.9	66013.6	78644.0	94654.4	108546.1	121387.7
7.5°	17858.8	24141.1	31082.1	38753.9	48209.9	58581.8	70184.1	85073.7	101895.7	116406.0	127942.5
5°	18723.9	25742.3	32497.2	40040.7	50352.8	60907.2	72223.8	87159.5	104509.9	119034.2	129393.9
2.5°	19591.4	26844.7	33274.5	40552.7	51569.4	62221.3	74202.9	90115.0	107554.9	120894.1	129893.3
0°	20384.3	27237.8	33554.0	40681.3	52099.2	62795.2	74993.7	90706.2	110161.8	122990.9	131703.9
-2.5°	20671.9	27216.5	33251.7	40318.3	51657.0	62009.6	74150.2	91083.4	109239.4	122293.6	131140.9
-5°	19797.3	25736.5	31609.7	38767.5	49307.7	59993.8	72216.0	89006.7	106241.3	119755.8	128192.4
-7.5°	18153.0	23519.2	29296.0	36388.9	45965.8	56292.3	67418.4	82084.7	99051.8	111642.0	118286.7
-10°	16431.9	21034.6	26491.9	33056.7	41496.1	51302.8	60525.3	73004.7	88686.7	99848.5	106648.6
-12.5°	14464.4	18199.4	23236.5	28974.4	36507.6	45057.1	53492.4	64047.7	76024.2	87504.5	94584.0
-15°	12398.9	15404.8	19781.3	25287.3	31236.6	37631.4	45431.8	53982.1	63531.8	72837.2	80902.1
-17.5°	10745.6	13065.2	17081.4	22029.5	26566.0	31753.8	39356.6	46307.4	53296.5	60801.4	67520.0
-20°	9682.3	11859.6	15103.8	19235.3	23735.4	28964.9	34840.1	40919.5	47416.3	53178.3	59100.1



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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°	8833.6	11071.5	13574.7	17017.9	21807.8	26612.2	31131.8	35784.2	41174.2	47059.8	52020.6
-25°	7731.2	10078.0	12456.2	15731.1	19763.9	24010.4	27337.9	30650.4	35513.7	40519.1	44620.1
-27.5°	6198.1	8851.5	11628.0	14293.7	17731.3	20751.5	23675.5	26677.7	30918.2	35143.3	38207.5
-30°	4422.9	7487.7	10371.2	13094.9	15455.2	17833.4	20278.9	23352.1	26896.9	30296.6	32901.3
-32.5°	3236.3	5532.8	8651.1	11431.1	13740.9	15731.7	17609.9	20344.4	23117.8	25843.7	28333.3
-35°	2065.1	3743.6	6173.5	9004.3	11716.1	13829.7	15871.7	17853.1	19937.5	22260.8	24415.1
-37.5°	1778.1	2229.4	3722.2	5834.2	8433.1	11195.0	13202.7	15175.2	17302.8	19048.4	20859.5
-40°	1611.5	1847.2	2225.4	2974.5	4936.9	6885.4	9141.1	11250.7	13284.5	15076.1	16731.2
-42.5°	1538.7	1679.8	1832.5	2116.7	2433.4	3367.6	5012.1	6548.1	8358.2	10156.7	11727.5
-45°	1575.6	1624.1	1701.8	1841.5	1971.1	2234.3	2511.4	2800.9	4037.8	5334.8	6446.1
-47.5°	1474.7	1616.0	1691.4	1752.1	1818.7	1933.2	2051.7	2213.0	2491.8	2774.4	2998.3
-50°	1307.3	1457.9	1590.0	1720.4	1783.4	1829.2	1878.1	1972.5	2101.9	2235.0	2333.0
-52.5°	1099.1	1244.8	1390.3	1522.3	1629.9	1733.9	1836.7	1914.1	1981.7	2048.6	2080.8
-55°	912.9	1034.4	1151.6	1270.6	1387.9	1499.1	1613.1	1728.9	1836.6	1936.1	1985.3
-57.5°	737.8	839.7	940.5	1031.2	1124.7	1219.9	1325.4	1438.0	1549.4	1653.5	1707.3
-60°	571.8	650.0	732.4	806.4	875.8	940.9	1032.1	1124.5	1212.9	1288.4	1328.4
-62.5°	418.1	478.7	541.4	600.1	655.8	711.1	779.7	846.5	910.8	962.6	992.9
-65°	289.8	335.0	377.0	417.6	457.0	504.2	556.2	606.1	653.6	689.1	709.1
-67.5°	197.8	224.6	248.1	270.0	298.4	331.6	367.9	402.2	434.1	457.3	472.7
-70°	132.2	146.8	159.7	174.5	192.5	210.6	230.3	249.7	268.6	281.7	289.7
-72.5°	83.9	93.1	102.0	112.2	121.8	131.4	141.0	149.8	158.0	165.5	172.5
-75°	46.0	50.9	57.9	64.4	70.3	76.8	83.1	88.6	93.4	96.7	99.1
-77.5°	28.1	31.3	34.2	36.7	39.0	41.9	45.0	48.3	51.7	53.8	55.6
-80°	20.3	21.4	22.4	23.4	24.5	25.4	26.2	26.8	27.3	28.1	28.9
-82.5°	13.8	14.4	14.9	15.4	15.9	16.8	17.7	18.6	19.4	20.2	20.9
-85°	9.4	9.3	9.3	9.3	9.4	9.9	10.5	11.1	11.8	11.9	12.0
-87.5°	7.7	7.4	7.0	6.5	6.1	6.1	6.0	6.0	6.0	6.1	6.1
-90°	4.1	4.1	4.1	4.1	4.1	3.6	3.1	2.5	2.0	2.0	2.0



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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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0
82.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.1
80°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.1	3.6	4.1	4.1
77.5°	2.6	2.0	2.0	2.0	2.0	2.0	2.6	3.1	3.6	4.1	4.1
75°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.2	4.5
72.5°	6.0	6.0	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.9	6.5
70°	8.0	8.0	8.1	8.1	8.1	8.0	8.0	7.8	7.7	7.9	8.8
67.5°	9.4	9.9	10.1	10.1	10.1	9.9	9.4	8.8	8.3	8.7	10.1
65°	12.5	13.8	13.3	12.2	13.3	13.8	12.5	11.3	10.0	10.3	11.7
62.5°	10.4	10.3	10.1	10.1	10.1	10.3	10.4	10.4	10.2	11.0	12.5
60°	8.3	8.2	8.1	8.1	8.1	8.2	8.3	8.5	8.7	9.6	11.0
57.5°	9.2	9.8	10.1	10.1	10.1	9.8	9.2	8.6	8.1	8.9	9.6
55°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.8	9.4	10.0	10.8
52.5°	11.9	12.1	12.2	12.2	12.2	12.1	11.9	11.6	11.5	11.7	11.9
50°	14.7	14.3	14.2	14.2	14.2	14.3	14.7	14.7	14.6	14.5	14.2
47.5°	18.6	18.3	18.1	18.2	18.1	18.3	18.6	18.7	19.2	19.3	18.2
45°	27.7	26.8	26.2	26.4	26.2	26.8	27.7	27.8	31.7	32.4	27.3
42.5°	53.0	54.9	57.1	60.8	57.1	54.9	53.0	49.9	55.6	63.6	69.1
40°	90.5	87.9	84.5	85.2	84.5	87.9	90.5	89.6	91.1	86.4	87.1
37.5°	188.1	181.0	167.4	158.2	167.4	181.0	188.1	182.5	167.3	147.7	145.5
35°	386.6	377.4	355.2	348.8	355.2	377.4	386.6	426.1	401.0	261.9	315.8
32.5°	1819.5	2028.2	2093.7	2096.6	2093.7	2028.2	1819.5	1685.9	1357.8	1117.8	1036.5
30°	4669.4	4618.7	4168.2	3704.6	4168.2	4618.7	4669.4	4621.6	4006.8	3539.4	2885.1
27.5°	11237.9	12610.8	13602.4	13281.3	13602.4	12610.8	11237.9	9956.9	8522.8	7957.6	6258.6
25°	20240.5	21212.1	21531.0	21057.5	21531.0	21212.1	20240.5	18314.9	16559.2	15369.3	13131.2
22.5°	31777.3	32360.7	32309.9	31244.5	32309.9	32360.7	31777.3	29896.1	28464.2	26044.9	23031.5
20°	47853.9	47760.9	48238.9	46070.9	48238.9	47760.9	47853.9	45129.6	43188.4	38884.6	34352.3
17.5°	70592.1	74326.7	77170.1	76897.7	77170.1	74326.7	70592.1	65458.5	60747.3	54968.1	47453.0
15°	94746.2	100389.1	104246.1	104496.5	104246.1	100389.1	94746.2	87827.2	78981.1	70766.9	59959.2
12.5°	115742.6	121777.3	125053.1	124555.3	125053.1	121777.3	115742.6	106526.4	95128.0	82976.8	70483.3
10°	129117.9	133762.9	137210.3	138066.7	137210.3	133762.9	129117.9	121387.7	108546.1	94654.4	78644.0
7.5°	134481.3	138828.6	141833.7	141788.6	141833.7	138828.6	134481.3	127942.5	116406.0	101895.7	85073.7
5°	135473.8	139754.1	141455.0	141777.4	141455.0	139754.1	135473.8	129393.9	119034.2	104509.9	87159.5
2.5°	136449.9	139998.5	141847.3	141144.8	141847.3	139998.5	136449.9	129893.3	120894.1	107554.9	90115.0
0°	136831.9	139676.7	141121.5	140674.3	141121.5	139676.7	136831.9	131703.9	122990.9	110161.8	90706.2
-2.5°	136701.1	138572.4	139795.3	139372.5	139795.3	138572.4	136701.1	131140.9	122293.6	109239.4	91083.4
-5°	133202.8	134814.4	135384.2	135696.4	135384.2	134814.4	133202.8	128192.4	119755.8	106241.3	89006.7
-7.5°	121961.0	124079.2	123398.0	124425.5	123398.0	124079.2	121961.0	118286.7	111642.0	99051.8	82084.7
-10°	110839.9	112901.1	112193.9	112856.6	112193.9	112901.1	110839.9	106648.6	99848.5	88686.7	73004.7
-12.5°	100352.8	102945.6	102907.2	103847.6	102907.2	102945.6	100352.8	94584.0	87504.5	76024.2	64047.7
-15°	87744.9	91047.1	92845.5	93999.2	92845.5	91047.1	87744.9	80902.1	72837.2	63531.8	53982.1
-17.5°	74426.6	78673.2	81698.6	82163.6	81698.6	78673.2	74426.6	67520.0	60801.4	53296.5	46307.4
-20°	64187.5	68016.0	70863.4	71781.9	70863.4	68016.0	64187.5	59100.1	53178.3	47416.3	40919.5



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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°	55610.2	58769.5	60828.3	61335.3	60828.3	58769.5	55610.2	52020.6	47059.8	41174.2	35784.2
-25°	47307.0	49073.5	50154.1	50562.2	50154.1	49073.5	47307.0	44620.1	40519.1	35513.7	30650.4
-27.5°	40549.2	41809.1	42348.7	42561.0	42348.7	41809.1	40549.2	38207.5	35143.3	30918.2	26677.7
-30°	34892.3	35859.8	36452.6	36672.6	36452.6	35859.8	34892.3	32901.3	30296.6	26896.9	23352.1
-32.5°	30235.7	31198.7	31823.4	32047.5	31823.4	31198.7	30235.7	28333.3	25843.7	23117.8	20344.4
-35°	25875.6	26671.6	27240.8	27505.5	27240.8	26671.6	25875.6	24415.1	22260.8	19937.5	17853.1
-37.5°	22021.6	22739.8	23213.8	23360.9	23213.8	22739.8	22021.6	20859.5	19048.4	17302.8	15175.2
-40°	17663.6	18311.8	18672.3	18654.7	18672.3	18311.8	17663.6	16731.2	15076.1	13284.5	11250.7
-42.5°	12655.6	13310.3	13773.0	14120.8	13773.0	13310.3	12655.6	11727.5	10156.7	8358.2	6548.1
-45°	7189.9	7727.8	8074.0	8236.4	8074.0	7727.8	7189.9	6446.1	5334.8	4037.8	2800.9
-47.5°	3131.5	3229.1	3278.2	3278.8	3278.2	3229.1	3131.5	2998.3	2774.4	2491.8	2213.0
-50°	2404.0	2465.4	2500.8	2510.3	2500.8	2465.4	2404.0	2333.0	2235.0	2101.9	1972.5
-52.5°	2103.4	2124.7	2134.2	2135.1	2134.2	2124.7	2103.4	2080.8	2048.6	1981.7	1914.1
-55°	2027.0	2062.3	2076.4	2074.3	2076.4	2062.3	2027.0	1985.3	1936.1	1836.6	1728.9
-57.5°	1752.2	1787.4	1807.9	1814.8	1807.9	1787.4	1752.2	1707.3	1653.5	1549.4	1438.0
-60°	1359.4	1381.5	1400.7	1413.3	1400.7	1381.5	1359.4	1328.4	1288.4	1212.9	1124.5
-62.5°	1017.5	1036.0	1053.9	1066.6	1053.9	1036.0	1017.5	992.9	962.6	910.8	846.5
-65°	723.7	732.9	747.8	760.4	747.8	732.9	723.7	709.1	689.1	653.6	606.1
-67.5°	484.8	493.6	499.0	500.8	499.0	493.6	484.8	472.7	457.3	434.1	402.2
-70°	295.3	298.6	304.9	310.2	304.9	298.6	295.3	289.7	281.7	268.6	249.7
-72.5°	178.7	184.0	184.0	182.5	184.0	184.0	178.7	172.5	165.5	158.0	149.8
-75°	101.0	102.4	103.1	103.4	103.1	102.4	101.0	99.1	96.7	93.4	88.6
-77.5°	57.0	58.2	57.7	56.8	57.7	58.2	57.0	55.6	53.8	51.7	48.3
-80°	29.6	30.3	30.4	30.4	30.4	30.3	29.6	28.9	28.1	27.3	26.8
-82.5°	21.5	22.2	21.3	20.3	21.3	22.2	21.5	20.9	20.2	19.4	18.6
-85°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.1
-87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0
-90°	2.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.1	5.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	3.1	3.6	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.4	4.4	4.3
80°	4.1	4.1	4.1	4.4	4.6	4.7	4.7	4.9	5.2	5.6	5.7
77.5°	4.1	4.1	4.2	4.7	5.2	5.7	6.1	6.0	5.9	6.0	6.0
75°	4.8	5.0	5.1	5.4	5.6	5.9	6.3	6.6	6.8	6.8	6.5
72.5°	7.1	7.5	7.7	7.7	7.5	7.6	7.8	7.9	8.0	8.1	7.7
70°	9.6	10.4	11.3	12.0	12.2	12.1	11.7	11.0	10.0	9.6	8.9
67.5°	11.3	12.4	14.2	16.3	17.6	18.2	18.0	16.8	15.7	14.5	11.5
65°	13.0	14.3	16.0	17.9	20.1	22.5	25.5	25.8	24.5	21.6	15.6
62.5°	14.1	16.0	17.2	18.5	20.2	23.9	30.4	33.9	34.7	30.6	23.0
60°	12.5	14.4	16.0	17.6	19.2	25.5	34.6	41.6	46.4	39.5	29.8
57.5°	10.0	11.0	13.1	15.3	17.6	26.0	36.6	47.9	55.5	45.0	35.2
55°	11.8	12.2	12.6	13.3	15.0	24.1	35.2	47.2	53.7	47.1	36.2
52.5°	12.1	12.7	13.3	13.9	16.0	22.0	30.2	42.1	45.7	40.3	33.9
50°	14.0	14.0	14.0	14.0	16.4	20.6	26.9	35.8	35.3	32.9	27.5
47.5°	17.9	17.7	16.4	16.0	18.3	19.3	24.0	28.0	28.7	26.2	22.2
45°	32.5	31.9	22.9	23.8	25.2	25.8	24.0	26.4	26.0	23.8	18.7
42.5°	61.0	62.7	63.5	47.0	38.2	37.7	35.2	33.0	30.4	25.4	22.8
40°	85.8	75.7	78.8	79.4	64.7	54.4	54.5	46.3	41.4	34.5	32.7
37.5°	131.3	109.4	116.7	101.2	92.4	87.8	86.7	73.5	55.9	61.2	57.5
35°	258.6	226.7	234.0	199.6	146.9	169.0	144.2	117.1	102.3	104.5	94.0
32.5°	630.0	621.5	506.7	429.0	368.8	326.0	270.3	191.7	200.9	186.0	149.2
30°	2181.3	1618.7	1143.0	1017.9	936.9	626.8	465.4	451.8	361.3	300.7	226.4
27.5°	5639.7	3627.6	2738.7	2781.0	2055.2	1387.2	1120.6	912.1	620.2	468.2	357.7
25°	11934.1	9279.6	6937.3	6203.0	4761.9	3145.0	2506.5	1841.3	1169.3	677.8	549.7
22.5°	20636.2	17354.7	13768.3	11010.8	8797.9	6653.3	4901.6	3176.5	1868.4	1083.7	779.1
20°	29499.5	26074.4	21362.9	17097.6	13660.1	10357.4	7933.6	5287.7	3161.6	1702.6	1022.6
17.5°	40355.5	34773.2	28610.3	23015.1	18866.1	14870.4	10820.8	7494.7	4669.9	2352.1	1272.2
15°	50885.4	42586.4	34901.0	28497.0	23538.4	17773.2	13267.1	9522.0	6392.0	3383.2	1756.0
12.5°	59208.9	49524.2	40844.2	32221.0	26298.9	20043.7	15525.4	11604.7	7956.4	4457.9	2169.4
10°	66013.6	54996.9	44917.7	36084.6	28889.8	22186.7	16979.3	12602.5	8543.3	5215.7	2547.2
7.5°	70184.1	58581.8	48209.9	38753.9	31082.1	24141.1	17858.8	13013.5	8839.4	5751.9	2880.8
5°	72223.8	60907.2	50352.8	40040.7	32497.2	25742.3	18723.9	13140.4	8881.3	6085.2	3160.6
2.5°	74202.9	62221.3	51569.4	40552.7	33274.5	26844.7	19591.4	13228.1	8962.6	6237.9	3253.2
0°	74993.7	62795.2	52099.2	40681.3	33554.0	27237.8	20384.3	13261.0	9015.1	6241.2	3270.6
-2.5°	74150.2	62009.6	51657.0	40318.3	33251.7	27216.5	20671.9	14261.7	9582.6	6544.0	3362.7
-5°	72216.0	59993.8	49307.7	38767.5	31609.7	25736.5	19797.3	14302.3	9714.3	6582.0	3367.7
-7.5°	67418.4	56292.3	45965.8	36388.9	29296.0	23519.2	18153.0	13330.6	9118.6	6002.9	3095.5
-10°	60525.3	51302.8	41496.1	33056.7	26491.9	21034.6	16431.9	12156.2	8352.2	5310.3	2758.9
-12.5°	53492.4	45057.1	36507.6	28974.4	23236.5	18199.4	14464.4	10795.4	7415.4	4523.7	2367.5
-15°	45431.8	37631.4	31236.6	25287.3	19781.3	15404.8	12398.9	9448.2	6593.0	3735.5	1928.9
-17.5°	39356.6	31753.8	26566.0	22029.5	17081.4	13065.2	10745.6	8429.3	5794.7	3147.8	1549.8
-20°	34840.1	28964.9	23735.4	19235.3	15103.8	11859.6	9682.3	7466.5	4859.5	2642.8	1467.2



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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°	31131.8	26612.2	21807.8	17017.9	13574.7	11071.5	8833.6	6468.7	3779.4	2009.2	1363.1
-25°	27337.9	24010.4	19763.9	15731.1	12456.2	10078.0	7731.2	5123.8	2954.5	1612.4	1251.8
-27.5°	23675.5	20751.5	17731.3	14293.7	11628.0	8851.5	6198.1	3707.1	2048.5	1466.5	1211.4
-30°	20278.9	17833.4	15455.2	13094.9	10371.2	7487.7	4422.9	2649.2	1673.5	1334.4	1169.5
-32.5°	17609.9	15731.7	13740.9	11431.1	8651.1	5532.8	3236.3	1840.4	1474.8	1279.5	1173.0
-35°	15871.7	13829.7	11716.1	9004.3	6173.5	3743.6	2065.1	1632.8	1377.5	1236.2	1189.5
-37.5°	13202.7	11195.0	8433.1	5834.2	3722.2	2229.4	1778.1	1500.8	1312.1	1250.1	1154.0
-40°	9141.1	6885.4	4936.9	2974.5	2225.4	1847.2	1611.5	1424.9	1345.7	1228.5	1092.0
-42.5°	5012.1	3367.6	2433.4	2116.7	1832.5	1679.8	1538.7	1461.6	1339.4	1172.3	997.8
-45°	2511.4	2234.3	1971.1	1841.5	1701.8	1624.1	1575.6	1430.5	1259.8	1071.4	889.0
-47.5°	2051.7	1933.2	1818.7	1752.1	1691.4	1616.0	1474.7	1321.7	1125.8	944.5	794.1
-50°	1878.1	1829.2	1783.4	1720.4	1590.0	1457.9	1307.3	1146.3	974.0	823.2	690.2
-52.5°	1836.7	1733.9	1629.9	1522.3	1390.3	1244.8	1099.1	965.1	823.5	699.6	586.0
-55°	1613.1	1499.1	1387.9	1270.6	1151.6	1034.4	912.9	794.3	685.4	577.6	483.3
-57.5°	1325.4	1219.9	1124.7	1031.2	940.5	839.7	737.8	639.2	552.2	465.1	381.3
-60°	1032.1	940.9	875.8	806.4	732.4	650.0	571.8	496.1	423.5	357.8	290.9
-62.5°	779.7	711.1	655.8	600.1	541.4	478.7	418.1	365.1	311.9	257.9	214.0
-65°	556.2	504.2	457.0	417.6	377.0	335.0	289.8	252.5	219.2	184.1	148.9
-67.5°	367.9	331.6	298.4	270.0	248.1	224.6	197.8	169.1	147.6	129.2	109.6
-70°	230.3	210.6	192.5	174.5	159.7	146.8	132.2	116.8	101.4	87.6	73.7
-72.5°	141.0	131.4	121.8	112.2	102.0	93.1	83.9	73.5	62.7	51.3	42.5
-75°	83.1	76.8	70.3	64.4	57.9	50.9	46.0	41.7	37.3	32.9	28.5
-77.5°	45.0	41.9	39.0	36.7	34.2	31.3	28.1	25.4	23.7	22.0	20.3
-80°	26.2	25.4	24.5	23.4	22.4	21.4	20.3	19.0	17.6	16.2	15.0
-82.5°	17.7	16.8	15.9	15.4	14.9	14.4	13.8	13.0	12.2	11.5	10.8
-85°	10.5	9.9	9.4	9.3	9.3	9.3	9.4	9.3	9.2	9.0	8.9
-87.5°	6.0	6.1	6.1	6.5	7.0	7.4	7.7	7.7	7.6	7.6	7.5
-90°	3.1	3.6	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1



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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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6	5.1	5.6
85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6	5.1	5.6
82.5°	4.1	4.1	4.1	4.1	4.4	4.6	4.7	4.7	4.8	5.2	5.6
80°	5.1	4.6	4.3	4.2	4.7	5.2	5.4	5.5	5.4	5.5	5.7
77.5°	5.7	5.2	4.5	4.2	4.7	5.2	5.7	6.1	6.0	5.8	5.9
75°	6.1	5.9	5.5	5.0	5.0	5.3	5.8	6.1	6.1	6.1	6.0
72.5°	6.9	6.4	6.2	6.1	5.7	5.7	5.9	6.1	6.1	6.1	6.1
70°	7.9	6.9	6.2	6.1	6.1	6.1	6.0	6.1	6.1	6.1	6.1
67.5°	9.1	8.0	6.9	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	12.1	9.6	8.0	7.0	6.3	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	16.3	11.2	9.1	7.8	6.8	6.2	6.1	6.1	6.1	6.1	6.1
60°	22.0	15.3	10.7	9.2	7.6	6.3	6.1	6.1	6.1	6.1	6.1
57.5°	25.8	19.0	14.5	11.1	9.1	7.2	6.3	6.3	6.1	6.1	6.1
55°	27.5	20.6	17.2	13.5	10.8	8.8	7.0	6.6	6.2	6.1	6.2
52.5°	25.7	21.6	18.8	15.3	12.1	10.3	8.5	7.0	6.6	6.1	6.3
50°	21.3	21.6	19.9	16.8	13.1	11.1	9.8	8.1	7.1	6.3	6.4
47.5°	19.1	21.0	20.6	18.0	14.4	12.0	10.7	9.1	7.7	6.8	6.5
45°	19.9	20.2	21.0	19.0	15.9	13.3	11.4	10.0	8.5	7.4	6.6
42.5°	22.6	22.2	21.1	20.4	17.9	14.8	12.1	10.7	9.2	8.0	6.9
40°	29.9	26.3	22.8	22.5	20.4	16.3	13.3	11.3	9.8	8.6	7.5
37.5°	39.6	34.0	27.8	27.3	23.7	18.8	14.6	11.9	10.4	9.2	8.0
35°	69.8	45.0	43.4	38.5	30.0	21.7	15.8	12.6	11.2	9.8	8.5
32.5°	108.1	81.7	76.8	57.6	38.1	24.8	17.8	14.3	12.0	10.3	8.9
30°	180.7	173.3	125.3	81.8	51.1	32.4	21.4	16.2	12.8	10.9	9.4
27.5°	318.1	294.0	196.0	126.3	74.3	42.2	26.7	18.4	13.7	11.4	9.8
25°	474.9	429.6	314.6	185.5	100.8	67.2	32.7	21.0	15.2	12.1	10.3
22.5°	653.5	571.7	452.9	253.8	155.2	100.5	46.2	25.8	17.1	12.9	10.7
20°	831.6	721.6	599.2	340.0	224.0	146.9	70.2	31.0	19.1	13.6	11.1
17.5°	1015.7	845.5	678.2	443.9	295.2	197.0	98.5	36.4	21.3	14.3	11.4
15°	1164.8	927.2	747.3	533.9	362.1	249.9	130.1	42.0	23.4	14.9	11.7
12.5°	1287.0	1004.0	811.4	610.7	424.7	304.5	163.9	47.7	25.5	15.6	11.8
10°	1397.7	1075.1	870.2	675.4	483.2	359.7	198.8	53.2	27.9	16.2	12.0
7.5°	1495.9	1139.9	923.3	729.2	530.4	394.2	220.4	58.3	30.3	16.8	12.1
5°	1572.4	1191.5	957.2	745.0	535.1	402.9	236.7	63.1	32.6	17.3	12.1
2.5°	1598.6	1226.4	977.6	749.9	536.0	406.5	249.1	67.4	34.7	17.8	12.2
0°	1608.0	1253.1	991.5	748.2	533.3	405.5	257.5	71.0	36.5	18.2	12.2
-2.5°	1621.1	1258.7	1007.2	779.7	560.4	420.0	271.2	88.5	47.6	24.4	14.4
-5°	1618.9	1255.9	1016.5	804.2	583.0	430.9	281.0	105.0	58.2	30.3	16.5
-7.5°	1563.6	1224.4	1008.4	818.7	600.0	438.1	287.0	120.1	67.9	35.8	18.5
-10°	1485.0	1172.5	978.3	810.2	612.0	447.3	290.7	133.4	76.5	40.5	20.2
-12.5°	1392.6	1115.4	950.3	800.3	619.9	458.0	297.4	146.1	84.0	44.5	21.6
-15°	1286.8	1054.0	926.9	790.7	623.9	465.1	299.5	157.0	91.2	48.2	22.6
-17.5°	1178.6	989.2	910.3	782.7	624.2	468.4	296.8	164.9	96.8	51.7	24.3
-20°	1143.0	967.9	899.9	777.9	620.8	468.1	289.3	169.6	100.4	54.2	26.3



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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°	1112.7	987.5	898.9	769.7	614.8	464.2	276.9	170.7	102.0	55.4	27.7
-25°	1080.2	1008.6	892.8	748.5	605.4	446.7	268.7	168.0	101.4	55.3	28.5
-27.5°	1086.3	1020.7	877.1	718.1	577.3	423.2	264.8	166.9	99.6	53.8	28.5
-30°	1110.3	996.5	840.5	679.8	543.4	383.8	255.8	162.9	97.7	52.9	27.8
-32.5°	1114.6	960.6	789.6	638.2	498.7	343.5	237.9	155.8	93.9	52.0	27.6
-35°	1064.8	902.0	728.7	590.0	449.9	317.7	217.2	145.5	88.1	50.1	27.2
-37.5°	1009.0	829.8	670.3	536.1	400.2	287.5	199.1	132.2	80.2	47.1	26.1
-40°	922.8	756.9	611.4	481.1	359.0	252.9	178.0	119.1	74.4	43.0	24.5
-42.5°	830.2	686.6	551.7	426.0	316.6	226.3	155.0	104.5	67.5	39.6	22.2
-45°	747.5	613.0	488.4	374.7	271.9	196.7	136.9	89.3	59.5	36.2	20.0
-47.5°	660.4	538.3	424.2	318.8	235.6	166.8	117.0	79.4	50.9	32.0	18.4
-50°	573.2	461.6	358.0	269.9	195.6	142.6	97.9	68.7	44.8	26.8	16.5
-52.5°	482.9	384.2	296.2	220.6	163.7	116.5	84.7	57.4	38.1	23.2	14.2
-55°	391.7	311.3	236.2	179.1	132.3	98.0	70.5	48.8	30.7	20.0	11.9
-57.5°	309.0	239.2	187.3	141.7	107.3	80.7	58.1	39.4	25.8	16.6	11.6
-60°	230.6	186.2	143.4	112.5	86.3	64.3	46.4	30.9	21.2	13.5	11.2
-62.5°	172.6	137.4	112.5	87.3	66.8	49.5	34.9	25.1	16.4	12.8	10.7
-65°	126.6	104.6	83.3	65.4	48.9	35.8	27.5	18.9	14.4	11.9	10.1
-67.5°	90.2	74.4	59.3	44.2	34.9	27.3	19.8	15.7	13.0	10.9	9.6
-70°	60.0	46.9	38.8	32.1	25.2	19.2	16.4	13.7	11.5	10.3	9.1
-72.5°	37.5	32.3	27.0	21.6	18.7	16.1	13.7	11.8	10.7	9.7	8.6
-75°	24.2	21.7	19.6	17.3	15.0	13.0	11.9	11.0	10.0	9.0	8.4
-77.5°	18.5	16.7	14.8	13.5	12.4	11.5	10.8	10.2	9.4	8.7	8.3
-80°	13.9	12.9	12.0	11.3	10.6	10.1	9.8	9.4	8.9	8.4	8.2
-82.5°	10.2	10.0	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.1	7.9
-85°	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3
-87.5°	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8	6.7
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.6	5.1	5.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
82.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
80°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
77.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	6.2	6.1	6.1	6.1	6.1	6.1	6.1
55°	6.3	6.1	6.1	6.1	6.1	6.1	6.1
52.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.1
50°	6.7	6.3	6.1	6.1	6.1	6.1	6.1
47.5°	6.9	6.5	6.1	6.1	6.1	6.1	6.1
45°	7.0	6.7	6.1	6.1	6.1	6.1	6.1
42.5°	7.0	7.0	6.1	6.1	6.1	6.1	6.1
40°	7.1	7.2	6.2	6.1	6.1	6.1	6.1
37.5°	7.2	7.5	6.4	6.2	6.1	6.1	6.1
35°	7.4	7.7	6.6	6.2	6.1	6.1	6.1
32.5°	7.5	7.7	6.8	6.3	6.1	6.1	6.1
30°	7.9	7.8	7.0	6.4	6.1	6.1	6.1
27.5°	8.3	7.9	7.3	6.5	6.1	6.1	6.1
25°	8.7	8.0	7.5	6.6	6.1	6.1	6.1
22.5°	9.0	8.1	7.6	6.8	6.1	6.1	6.1
20°	9.3	8.1	7.8	6.9	6.1	6.1	6.1
17.5°	9.5	8.1	7.9	7.0	6.1	6.1	6.1
15°	9.7	8.1	8.0	7.2	6.1	6.1	6.1
12.5°	9.8	8.1	8.0	7.4	6.1	6.1	6.1
10°	9.9	8.1	8.1	7.5	6.1	6.1	6.1
7.5°	10.0	8.1	8.1	7.7	6.1	6.1	6.1
5°	10.1	8.1	8.1	7.8	6.1	6.1	6.1
2.5°	10.1	8.1	8.1	8.0	6.1	6.1	6.1
0°	10.1	8.1	8.1	8.1	6.1	6.1	6.1
-2.5°	10.6	8.3	8.1	8.1	6.2	6.1	6.1
-5°	11.1	8.5	8.1	8.1	6.3	6.1	6.1
-7.5°	11.6	8.7	8.1	8.1	6.4	6.1	6.1
-10°	12.0	8.9	8.1	8.0	6.4	6.1	6.1
-12.5°	12.3	9.1	8.1	8.0	6.5	6.1	6.1
-15°	12.6	9.2	8.1	8.0	6.6	6.1	6.1
-17.5°	12.8	9.3	8.1	7.9	6.6	6.1	6.1
-20°	13.3	9.3	8.1	7.9	6.7	6.1	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.3	9.3	8.1	7.9	6.7	6.1	6.1
-25°	15.1	9.5	8.1	7.9	6.8	6.1	6.1
-27.5°	15.4	9.7	8.1	7.9	6.8	6.1	6.1
-30°	15.4	9.7	8.1	7.9	6.8	6.1	6.1
-32.5°	15.1	9.6	8.2	7.9	6.8	6.1	6.1
-35°	14.8	9.4	8.3	8.0	6.8	6.1	6.1
-37.5°	14.5	9.2	8.4	8.0	6.8	6.1	6.1
-40°	14.0	9.3	8.4	8.1	6.8	6.1	6.1
-42.5°	13.2	9.3	8.4	8.1	6.7	6.1	6.1
-45°	12.1	9.3	8.4	8.1	6.7	6.1	6.1
-47.5°	10.9	9.3	8.4	8.1	6.6	6.1	6.1
-50°	10.6	9.2	8.4	8.0	6.5	6.1	6.1
-52.5°	10.4	9.1	8.4	7.8	6.4	6.1	6.1
-55°	10.2	9.0	8.3	7.6	6.3	6.1	6.1
-57.5°	10.0	8.9	8.2	7.4	6.2	6.1	6.1
-60°	9.7	8.7	8.1	7.2	6.1	6.1	6.1
-62.5°	9.3	8.5	7.9	7.1	6.1	6.1	6.1
-65°	9.0	8.2	7.7	6.9	6.1	6.1	6.1
-67.5°	8.6	8.0	7.6	6.7	6.1	6.1	6.1
-70°	8.2	7.9	7.4	6.5	6.1	6.1	6.1
-72.5°	8.1	7.8	7.2	6.5	6.1	6.1	6.1
-75°	8.1	7.7	7.1	6.4	6.1	6.1	6.1
-77.5°	8.1	7.6	6.9	6.4	6.1	6.1	6.1
-80°	8.1	7.4	6.8	6.3	6.1	6.1	6.1
-82.5°	7.6	7.1	6.6	6.3	6.1	6.1	6.1
-85°	7.1	6.7	6.4	6.2	6.1	6.1	6.1
-87.5°	6.6	6.4	6.3	6.2	6.1	6.1	6.1
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1

(END OF REPORT)