

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: P1306289 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-4S-CV1-A**

Issue Date: 2/3/2026

Test Information

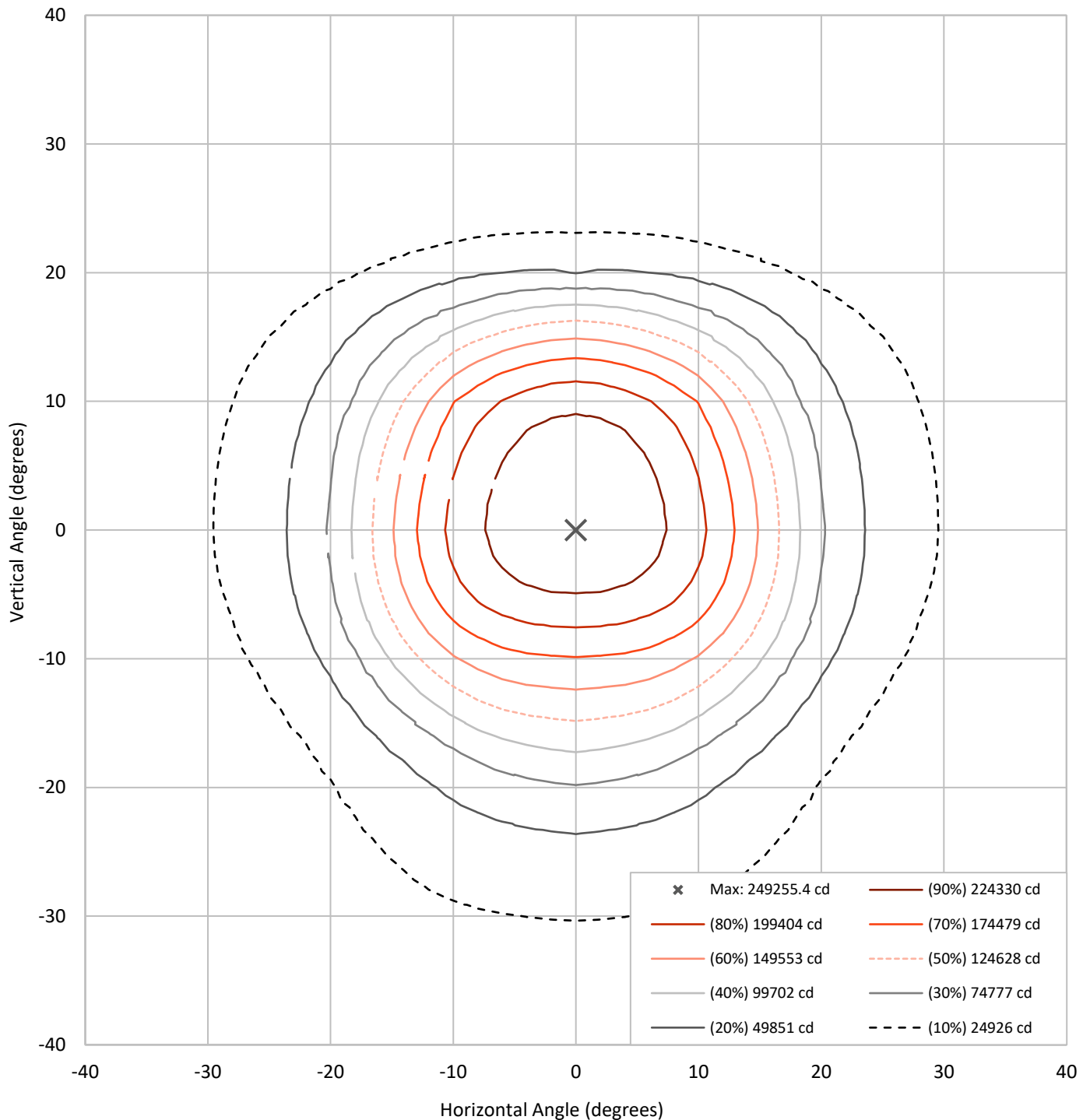
Test Method: LM-79-08
Report Number: P1306289 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-4S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	84926.5 lumens	Max Intensity:	249255.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	46415.6 lumens	Field Lumens:	74790.7 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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





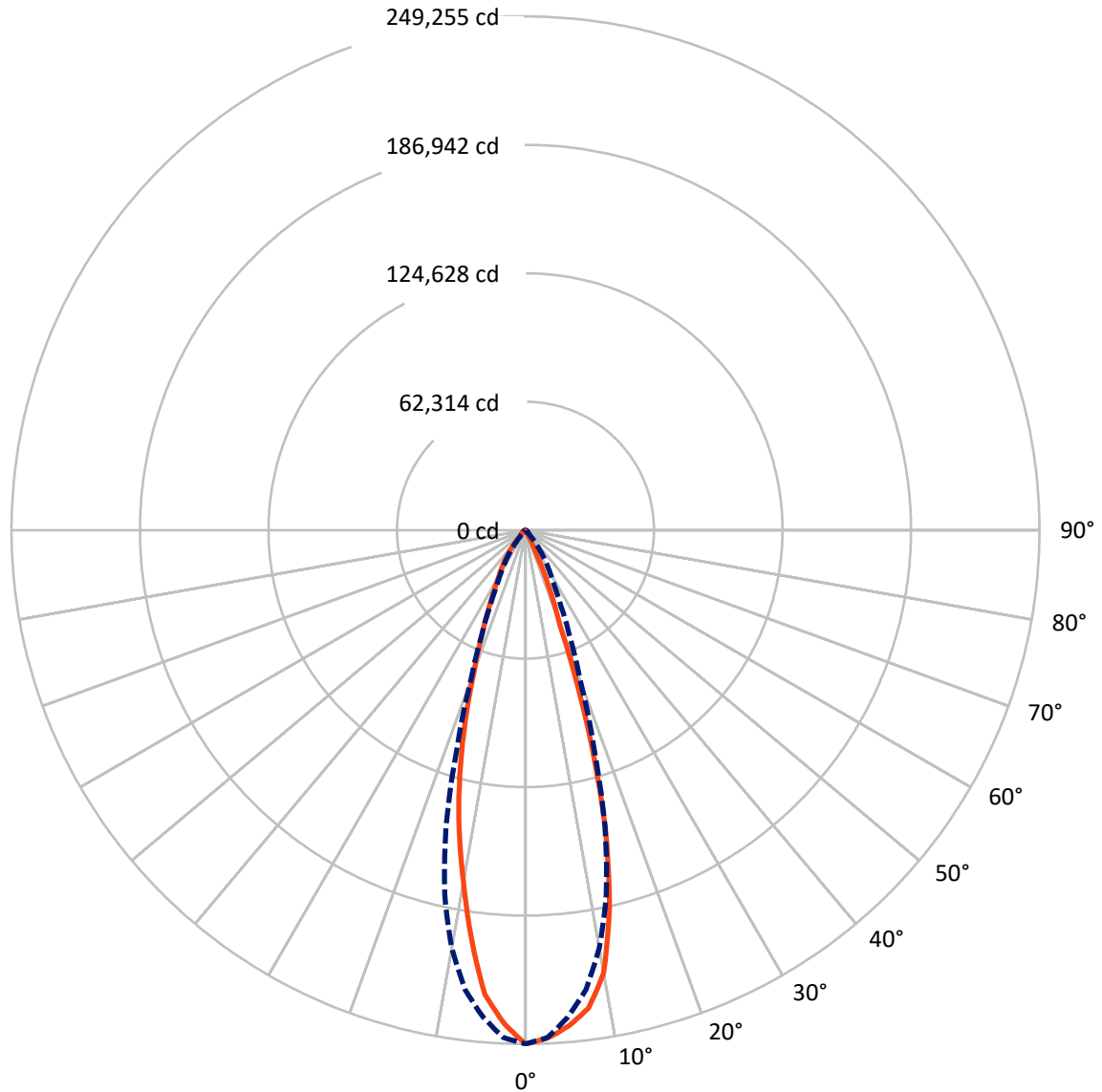
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Lumen Table

90	0.1	0.2	0.4	0.5	0.4	0.5	0.4	0.2	0.1										
80	0.1	0.2	0.4	0.5	0.4	0.5	0.4	0.2	0.1										
70	0.1	0.1	0.1	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.1	0.1	0.1			
60		0.1	0.3	0.9	0.9	0.3	0.3	0.3	0.3	0.3	0.3	0.9	0.9	0.3	0.1				
50	0.1	0.1	0.4	0.6	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0.4	0.1	0.1			
40		0.2	0.9	2.5	4.6	8.0	12.1	15.0	15.0	12.1	8.0	4.6	2.5	0.9	0.2				
30	0.1	0.5	4.2	12.8	50.4	157.4	315.2	511.8	511.8	315.2	157.4	50.4	12.8	4.2	0.5	0.1			
20		1.3	9.4	30.8	208.3	711.6	2123.7	3959.4	3959.4	2123.7	711.6	208.3	30.8	9.4	1.3				
10	0.3	2.1	13.0	44.0	324.6	1156.2	3964.7	6790.8	6790.8	3964.7	1156.2	324.6	44.0	13.0	2.1	0.3			
0		2.7	13.9	45.2	320.4	1115.3	3837.5	6321.0	6321.0	3837.5	1115.3	320.4	45.2	13.9	2.7				
-10	0.5	3.2	13.3	34.9	190.5	630.2	1936.6	3452.0	3452.0	1936.6	630.2	190.5	34.9	13.3	3.2	0.5			
-20		3.3	12.7	26.9	89.7	341.6	787.0	1255.5	1255.5	787.0	341.6	89.7	26.9	12.7	3.3				
-30	0.4	2.7	11.4	23.0	44.3	126.9	317.8	482.7	482.7	317.8	126.9	44.3	23.0	11.4	2.7	0.4			
-40		1.7	8.3	19.6	33.1	50.5	76.8	104.3	104.3	76.8	50.5	33.1	19.6	8.3	1.7				
-50	0.2	0.9	4.3	12.8	24.9	35.9	46.0	52.7	52.7	46.0	35.9	24.9	12.8	4.3	0.9	0.2			
-60		0.3	1.5	4.6	10.0	16.7	23.5	27.2	27.2	23.5	16.7	10.0	4.6	1.5	0.3				
-70	0.1	0.8	3.2	8.0	10.6	8.0	3.2	0.8	0.1							0.1			
-80		0.1	0.8	3.2	8.0	10.6	8.0	3.2	0.8	0.1									
-90	0.1	0.8	3.2	8.0	10.6	8.0	3.2	0.8	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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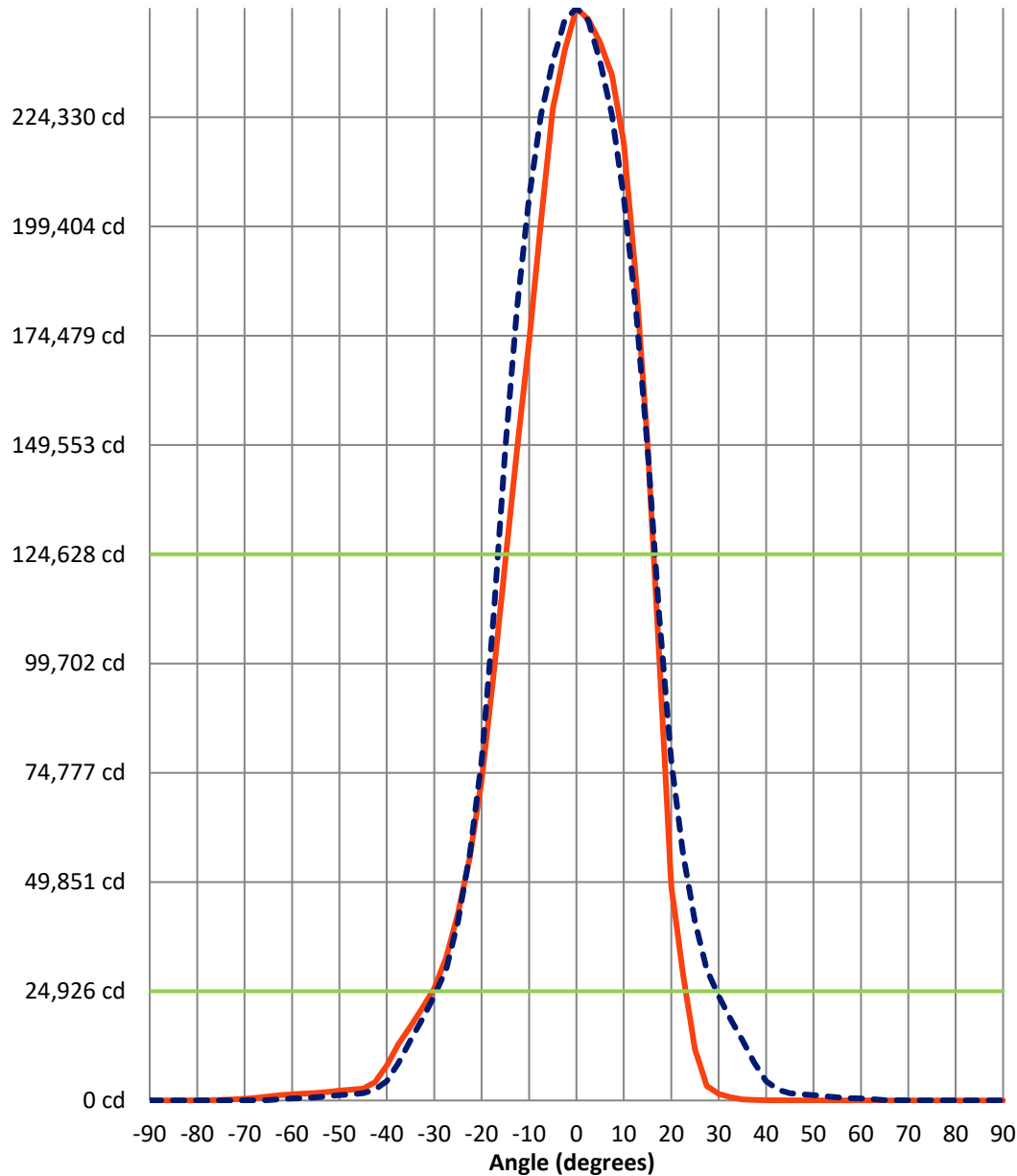
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 33.1°
V Angle: 31.1°
Lumens: 46415.6
Efficiency: 54.7%

Field:
H Angle: 59.1°
V Angle: 53.4°
Lumens: 74790.7
Efficiency: 88.1%

Spill:
Lumens: 10135.8
Efficiency: 11.9%

— 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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	4.3	3.3	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.2
85°	4.3	3.3	2.6	2.6	2.6	2.4	2.2	2.2	2.2	2.2	2.2
82.5°	4.3	3.4	2.8	2.8	2.8	2.6	2.2	2.2	2.2	2.3	2.2
80°	4.3	3.4	2.9	3.0	2.9	2.7	2.3	2.5	2.6	2.5	2.2
77.5°	4.3	3.5	3.1	3.2	3.1	2.9	2.8	3.0	3.0	2.8	2.5
75°	4.3	3.5	3.3	3.5	3.3	3.2	3.4	3.5	3.4	3.3	3.4
72.5°	4.3	3.6	3.5	3.7	3.5	3.6	3.9	4.0	3.7	3.8	4.2
70°	4.3	3.7	3.7	3.9	3.7	3.9	4.3	4.1	4.0	4.3	4.3
67.5°	4.3	3.7	3.8	4.0	3.9	4.2	4.3	4.2	4.3	4.3	4.3
65°	4.3	3.8	4.0	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3
62.5°	4.3	3.8	4.2	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3
60°	4.3	3.8	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3
57.5°	4.3	3.9	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
55°	4.3	3.9	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3
52.5°	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
50°	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.6
47.5°	4.3	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	7.0
45°	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.4	5.5	8.4
42.5°	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.5	6.7	10.2
40°	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.6	5.0	7.8	12.0
37.5°	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.8	6.1	9.2	13.9
35°	4.3	4.2	4.3	4.3	4.3	4.3	4.3	5.0	7.2	11.0	15.5
32.5°	4.3	4.2	4.3	4.3	4.3	4.3	4.4	5.3	8.2	12.6	17.1
30°	4.3	4.2	4.3	4.3	4.3	4.3	4.6	5.8	9.2	14.1	19.0
27.5°	4.3	4.2	4.3	4.3	4.3	4.3	4.8	6.6	10.2	15.6	21.1
25°	4.3	4.3	4.3	4.3	4.3	4.3	5.1	7.3	11.4	17.2	23.7
22.5°	4.3	4.3	4.3	4.3	4.3	4.3	5.4	8.0	12.5	19.0	28.7
20°	4.3	4.3	4.3	4.3	4.3	4.5	5.7	8.7	13.5	21.0	34.2
17.5°	4.3	4.3	4.3	4.3	4.3	4.7	6.0	9.3	14.5	23.0	40.0
15°	4.3	4.3	4.3	4.3	4.3	4.9	6.5	10.0	15.3	25.1	46.1
12.5°	4.3	4.3	4.3	4.3	4.3	5.2	6.9	10.9	16.7	27.1	52.2
10°	4.3	4.3	4.3	4.3	4.3	5.4	7.3	11.8	18.6	30.8	58.6
7.5°	4.3	4.3	4.3	4.3	4.3	5.7	7.6	12.7	20.5	34.6	65.2
5°	4.3	4.3	4.3	4.3	4.3	6.0	8.0	13.6	22.4	38.4	71.4
2.5°	4.3	4.3	4.3	4.3	4.3	6.2	8.3	14.4	24.2	41.9	76.9
0°	4.3	4.3	4.3	4.3	4.3	6.5	8.6	15.1	25.8	45.2	81.8
-2.5°	4.3	4.3	4.3	4.3	4.5	7.2	10.6	19.1	34.7	61.0	105.4
-5°	4.3	4.3	4.3	4.3	4.7	7.9	12.5	23.0	43.2	76.1	127.9
-7.5°	4.3	4.3	4.3	4.3	4.9	8.5	14.4	26.5	51.0	90.2	148.8
-10°	4.3	4.3	4.3	4.3	5.0	9.0	16.0	29.8	58.1	102.9	167.6
-12.5°	4.3	4.3	4.3	4.3	5.2	9.5	17.5	32.7	64.1	113.7	184.3
-15°	4.3	4.3	4.3	4.3	5.3	9.8	18.7	35.1	68.9	122.1	198.0
-17.5°	4.3	4.3	4.3	4.3	5.4	10.1	19.6	37.4	72.6	128.4	208.2
-20°	4.3	4.3	4.3	4.3	5.4	10.3	20.5	39.4	75.0	132.3	214.4



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 CATALOG NUMBER: EPH-08-680N-40-70-4S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.3	4.3	4.3	4.3	5.5	10.3	21.2	40.8	75.8	133.7	216.3
-25°	4.3	4.3	4.3	4.3	5.5	10.4	21.5	41.3	75.0	132.5	213.6
-27.5°	4.3	4.3	4.3	4.3	5.4	10.4	21.4	41.1	72.5	129.6	211.7
-30°	4.3	4.3	4.3	4.3	5.3	10.2	20.9	40.0	70.8	126.5	206.2
-32.5°	4.3	4.3	4.3	4.3	5.4	9.8	19.8	39.1	69.5	121.0	197.0
-35°	4.3	4.3	4.3	4.3	5.4	9.2	19.1	37.8	66.9	113.1	183.8
-37.5°	4.3	4.3	4.3	4.3	5.4	8.7	18.3	35.8	63.1	102.7	167.5
-40°	4.3	4.3	4.3	4.3	5.4	8.7	17.2	33.0	58.1	95.4	151.0
-42.5°	4.3	4.3	4.3	4.3	5.4	8.6	15.9	29.5	53.4	87.0	132.2
-45°	4.3	4.3	4.3	4.4	5.5	8.4	14.2	26.3	48.5	77.4	112.5
-47.5°	4.3	4.3	4.3	4.4	5.5	8.2	12.2	23.9	42.7	66.9	100.6
-50°	4.3	4.3	4.3	4.5	5.5	7.9	11.6	21.1	35.3	58.2	87.5
-52.5°	4.3	4.3	4.3	4.5	5.5	7.6	11.1	17.8	29.9	48.6	73.6
-55°	4.3	4.3	4.3	4.5	5.4	7.4	10.7	14.5	25.3	38.1	61.2
-57.5°	4.3	4.3	4.3	4.5	5.3	7.1	10.1	13.8	20.6	31.4	47.8
-60°	4.3	4.3	4.3	4.5	5.1	6.8	9.5	12.9	16.4	25.7	36.1
-62.5°	4.3	4.3	4.3	4.4	5.0	6.4	8.8	11.9	15.2	19.7	29.3
-65°	4.3	4.3	4.3	4.4	4.9	6.0	8.1	10.9	13.8	17.2	22.3
-67.5°	4.3	4.3	4.3	4.4	4.8	5.6	7.3	9.8	12.4	15.4	18.7
-70°	4.3	4.3	4.3	4.3	4.7	5.3	6.4	8.7	11.1	13.5	16.5
-72.5°	4.3	4.3	4.3	4.3	4.5	5.1	5.9	7.6	9.8	12.1	14.3
-75°	4.3	4.3	4.3	4.3	4.3	4.7	5.4	6.8	8.5	10.6	12.7
-77.5°	4.3	4.3	4.3	4.3	4.3	4.4	4.9	6.1	7.5	9.2	11.0
-80°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	5.3	6.5	7.8	9.3
-82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.8	5.4	6.5	7.6
-85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.6	5.0	5.5	6.1
-87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.2
-90°	4.3	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.6	2.8	3.0
80°	2.2	2.2	2.3	2.2	2.4	2.7	3.2	3.8	4.2	4.3	4.3
77.5°	2.7	2.8	2.6	2.3	2.6	3.1	3.6	4.2	4.3	4.3	4.3
75°	3.5	3.4	2.9	2.4	2.5	3.0	3.6	4.1	4.3	4.3	4.3
72.5°	4.0	3.5	3.0	2.5	2.9	3.6	4.0	4.3	5.3	6.6	7.4
70°	4.1	3.6	3.4	3.5	3.9	4.8	6.6	9.0	11.3	12.2	13.0
67.5°	4.2	3.9	4.0	4.5	6.0	8.1	10.8	14.2	17.6	18.8	20.0
65°	4.3	4.2	4.8	6.2	8.4	11.7	15.4	19.3	25.2	28.1	29.5
62.5°	4.3	4.6	5.7	8.1	11.6	15.5	20.4	26.9	34.6	39.6	39.4
60°	4.3	4.8	7.2	10.8	14.7	19.4	25.7	34.6	45.7	53.5	48.2
57.5°	4.3	5.8	9.3	13.2	17.5	22.7	31.5	42.5	52.6	63.2	54.1
55°	4.9	7.3	11.1	15.4	20.4	26.6	35.2	43.9	54.9	58.9	49.3
52.5°	6.6	9.0	12.8	17.7	23.8	28.8	33.5	41.2	45.4	47.3	40.6
50°	8.2	10.9	14.3	20.4	25.6	28.4	29.1	33.9	35.8	34.1	30.9
47.5°	10.0	12.8	16.4	22.3	25.9	27.2	26.1	27.1	26.9	26.6	22.4
45°	11.9	15.2	19.0	23.0	25.6	25.3	24.9	21.8	24.8	24.0	22.0
42.5°	13.9	17.4	21.2	23.9	24.5	25.9	25.7	26.6	26.7	27.9	30.1
40°	15.8	19.5	23.8	25.7	25.0	28.9	34.8	37.7	33.9	40.9	46.9
37.5°	17.4	22.2	27.7	32.1	29.6	38.3	47.8	62.9	65.1	60.5	77.2
35°	18.9	25.2	36.8	47.0	49.5	53.6	80.2	104.3	119.3	110.5	123.3
32.5°	21.1	28.5	49.1	71.4	89.1	94.1	122.0	172.6	202.1	207.2	198.8
30°	24.8	40.0	67.6	102.3	141.8	177.3	201.7	259.6	307.9	360.6	391.9
27.5°	30.3	55.0	97.3	151.0	210.6	276.8	331.9	376.5	464.9	554.6	631.6
25°	36.8	85.4	131.2	211.8	306.5	398.0	474.6	543.0	659.4	799.4	1033.5
22.5°	52.7	124.5	187.8	280.3	413.2	529.0	632.4	738.7	880.8	1069.4	1559.1
20°	81.2	173.3	252.3	350.8	523.3	665.6	796.7	930.6	1108.6	1503.5	2577.8
17.5°	114.1	224.3	314.4	428.5	605.4	786.4	966.3	1113.7	1329.4	1912.1	3699.5
15°	150.2	276.7	370.4	499.6	683.2	880.1	1081.2	1292.2	1621.0	2456.7	4764.2
12.5°	188.3	329.7	421.0	564.0	756.2	969.2	1173.3	1401.8	1884.3	3282.9	6118.8
10°	227.2	382.5	466.5	622.0	824.0	1052.8	1255.5	1494.1	2090.5	3811.6	7064.7
7.5°	252.1	420.0	503.8	673.7	886.0	1130.0	1328.2	1570.2	2265.3	4147.2	7725.9
5°	270.9	439.1	516.0	696.9	926.7	1186.3	1384.5	1631.2	2406.1	4311.4	8182.9
2.5°	285.2	454.2	526.0	710.9	951.5	1212.6	1401.3	1654.2	2464.4	4410.6	8499.5
0°	294.9	465.0	533.9	719.0	968.7	1229.2	1410.0	1666.2	2473.5	4438.9	8653.9
-2.5°	311.1	473.5	550.0	733.5	977.8	1234.5	1417.2	1675.6	2509.6	4571.6	8889.7
-5°	322.9	478.5	563.7	742.5	979.2	1230.6	1417.2	1673.3	2488.7	4525.5	8592.1
-7.5°	331.0	480.7	574.4	745.4	966.2	1203.7	1388.4	1625.6	2358.1	4234.5	7784.1
-10°	336.9	487.7	588.0	740.9	937.6	1159.8	1347.7	1567.7	2189.9	3825.5	6847.8
-12.5°	345.9	499.1	601.3	734.3	907.7	1109.6	1300.4	1500.5	1985.9	3298.9	5789.4
-15°	350.5	508.5	613.6	726.6	878.3	1053.8	1246.8	1424.7	1757.4	2663.4	4614.3
-17.5°	350.5	516.4	625.3	718.7	851.1	993.2	1193.2	1369.7	1596.3	2272.7	3795.2
-20°	346.1	523.0	636.6	711.6	828.6	955.6	1149.4	1330.9	1530.5	1980.1	2982.6



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	337.2	528.7	643.9	717.3	820.4	940.0	1099.4	1284.5	1462.0	1667.6	2362.3
-25°	331.3	514.5	644.9	723.0	811.7	923.3	1045.5	1229.9	1398.1	1596.0	2035.5
-27.5°	327.4	495.0	633.1	724.4	801.0	907.0	1014.3	1165.8	1349.2	1533.1	1734.0
-30°	317.3	459.7	616.7	717.7	796.6	892.1	993.2	1107.3	1292.9	1471.2	1656.3
-32.5°	297.1	422.6	580.4	696.1	789.4	875.6	971.8	1074.5	1221.3	1405.2	1575.2
-35°	273.8	393.8	535.6	669.0	775.4	859.2	947.2	1044.1	1152.3	1319.3	1508.3
-37.5°	252.0	360.3	489.6	629.0	740.8	842.1	918.9	1010.8	1111.3	1226.5	1415.2
-40°	226.2	322.2	446.4	577.7	703.0	814.2	900.6	974.2	1067.1	1184.3	1301.4
-42.5°	197.6	289.3	399.8	525.0	649.0	767.5	879.3	951.2	1033.3	1142.5	1254.6
-45°	173.9	251.9	349.9	465.8	585.2	708.8	822.4	934.8	1013.3	1101.0	1207.4
-47.5°	147.4	213.5	303.1	402.0	515.8	633.2	754.9	871.6	991.6	1075.5	1159.0
-50°	122.0	180.7	251.2	342.1	441.3	552.0	666.5	794.6	915.5	1032.4	1129.3
-52.5°	106.0	144.9	208.2	281.5	369.8	466.1	575.4	693.7	818.3	942.5	1048.9
-55°	88.7	121.5	165.0	227.7	299.7	384.4	478.3	586.7	699.7	818.6	931.2
-57.5°	72.0	100.4	132.7	176.5	237.5	304.2	385.7	475.0	576.4	681.7	775.8
-60°	55.2	79.3	107.1	138.9	177.6	234.7	293.2	367.0	451.4	536.4	618.5
-62.5°	39.2	58.8	82.1	108.2	138.8	169.8	216.4	270.3	326.3	395.2	463.4
-65°	31.4	40.7	57.8	79.8	103.1	129.8	157.6	186.0	231.6	277.2	320.9
-67.5°	23.2	31.4	40.1	51.6	71.5	91.4	113.0	137.7	162.7	185.9	213.7
-70°	19.6	22.6	29.2	37.2	45.0	54.4	71.7	90.4	109.7	127.9	147.3
-72.5°	16.9	19.7	22.4	25.1	31.2	37.1	42.5	47.6	58.6	73.8	88.6
-75°	14.5	16.7	19.2	21.7	23.6	25.5	27.9	32.5	37.1	41.6	45.7
-77.5°	12.3	13.8	15.7	17.9	19.6	20.9	22.3	23.8	25.8	28.1	30.5
-80°	10.1	10.8	11.8	13.2	14.7	16.1	17.2	18.2	19.4	20.9	22.6
-82.5°	8.1	8.6	9.1	9.6	10.4	11.4	12.5	13.6	14.4	15.1	15.9
-85°	6.3	6.5	6.8	7.1	7.5	8.0	8.5	9.1	9.8	10.4	10.9
-87.5°	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.9	6.3	6.8	7.3
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.3	4.9	5.4	6.0	6.5	7.0	7.6	8.1	8.6	8.6	8.6
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	3.2	3.1	2.9	2.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	4.3	4.0	3.8	3.6	3.5	3.3	3.0	2.7	2.2	2.2	2.2
77.5°	4.3	4.3	4.3	4.3	4.3	3.9	3.3	2.8	2.3	2.2	2.2
75°	4.3	4.5	4.8	4.7	4.4	4.1	4.0	3.9	3.9	3.6	3.2
72.5°	7.7	7.6	7.3	7.2	6.9	6.9	7.0	6.7	6.2	6.1	6.2
70°	13.7	14.2	14.1	13.7	12.4	11.1	10.2	9.3	8.4	7.9	7.5
67.5°	21.2	21.4	20.2	18.3	15.2	12.5	11.4	10.3	9.1	8.8	9.3
65°	29.4	26.8	23.5	20.0	16.3	12.7	11.8	11.0	10.4	10.5	11.3
62.5°	36.3	29.4	23.6	19.5	16.0	12.7	11.7	10.8	9.9	9.3	9.1
60°	40.2	29.5	21.2	17.6	14.3	11.3	10.0	9.3	8.8	8.6	8.6
57.5°	40.2	27.9	18.5	15.2	12.2	9.6	8.6	8.6	8.6	8.6	8.6
55°	35.8	24.3	15.8	13.1	11.1	9.5	8.7	9.0	8.9	8.6	9.1
52.5°	28.0	20.1	14.7	12.2	11.3	10.8	10.6	10.5	10.3	10.0	10.4
50°	22.2	16.7	14.2	12.7	12.7	12.7	12.7	12.9	13.2	13.4	13.5
47.5°	18.6	15.7	16.0	14.8	15.3	16.6	16.9	17.1	17.7	17.8	17.5
45°	19.1	22.2	22.8	22.6	22.2	25.3	25.1	23.0	25.8	26.6	26.0
42.5°	31.6	34.3	36.1	37.7	39.6	41.9	43.2	42.5	44.9	44.9	42.0
40°	53.5	51.0	55.0	59.9	64.3	65.9	70.0	74.3	75.8	74.9	72.1
37.5°	87.7	83.9	84.2	95.2	105.3	93.4	110.9	117.9	113.5	129.2	132.3
35°	145.7	161.2	138.9	178.1	197.6	188.0	209.0	250.5	218.4	277.1	291.5
32.5°	259.1	296.1	319.3	352.5	401.2	465.3	481.4	583.7	616.4	663.8	714.8
30°	423.4	528.0	720.5	756.4	802.8	1023.8	1084.6	1140.2	1256.5	1346.2	1498.6
27.5°	769.3	1051.3	1454.0	1808.5	1782.5	2156.4	2572.4	2106.5	2797.7	2520.5	3183.5
25°	1440.6	2062.2	3033.2	3972.6	4421.0	5182.9	6135.5	5955.2	7212.2	7299.4	9153.5
22.5°	2739.9	4090.5	5575.2	7172.2	8721.6	10436.1	12083.6	13810.9	16407.7	19995.5	23482.6
20°	4483.0	6468.6	8866.5	11339.4	13961.7	16628.2	19726.2	24972.5	30351.6	37818.3	43093.1
17.5°	6371.6	9532.0	12475.5	15539.3	19205.4	23637.7	30046.0	39010.3	49883.4	61044.9	69679.5
15°	8021.4	11596.6	15839.5	19924.1	24482.7	31135.9	41200.7	54478.7	70648.4	87616.2	108134.5
12.5°	9617.7	13352.1	17963.0	23129.4	29324.2	38846.7	51893.2	69837.0	91258.0	116755.5	143108.7
10°	10856.4	14954.0	20085.9	25904.2	33465.2	45160.8	60321.7	81506.6	113249.3	143349.0	173442.5
7.5°	11824.5	16434.1	21870.1	27976.5	36780.3	49949.6	68088.3	94756.3	128295.1	160862.0	188580.3
5°	12684.9	17651.1	23078.9	29144.4	39166.7	53433.8	72966.6	103422.7	139213.0	171220.0	197596.3
2.5°	13362.7	18446.8	23742.8	29729.4	40702.9	55357.2	75539.4	108073.6	146250.5	177849.8	203035.7
0°	13773.0	18588.6	23854.1	29853.7	40819.6	56228.7	77546.9	110108.8	148760.6	181094.2	205865.5
-2.5°	13626.0	18270.9	23493.2	29488.6	40434.6	55412.0	75932.2	109077.5	146633.6	176884.7	201798.0
-5°	12893.5	17231.0	22080.4	27721.3	37880.6	52309.3	71354.6	101579.5	136880.6	167080.4	190523.9
-7.5°	11738.7	15777.8	20229.9	25452.1	34237.4	47275.7	64631.0	90352.2	122398.7	150263.9	171420.4
-10°	10446.8	14093.0	17950.5	22575.8	29443.0	40510.3	55003.2	74643.2	102127.6	127181.7	147185.5
-12.5°	8893.9	11927.5	15170.0	19158.9	24363.7	33386.2	45571.4	61503.3	80613.2	102908.0	121119.4
-15°	7280.0	9830.3	12514.3	16255.8	20694.9	26442.2	35200.9	47866.8	62051.7	77279.3	93802.8
-17.5°	5846.1	8005.3	10851.0	14002.4	17385.7	21385.1	28627.1	37258.9	47524.5	58386.0	68358.4
-20°	4696.2	6986.2	9542.7	12283.3	15392.0	19237.9	23686.6	30244.6	37857.4	46195.1	54183.7



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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°	3863.2	5916.9	8290.9	10861.6	14006.6	17468.7	21071.7	25187.3	30650.5	37060.8	43197.8
-25°	2942.3	4658.6	6961.4	9554.1	12451.3	15504.5	18429.0	21783.9	25777.9	29948.8	34246.1
-27.5°	2332.2	3543.7	5434.6	7869.3	10550.1	12940.5	15446.2	18239.8	21732.4	25361.2	27752.3
-30°	1903.5	2612.8	4032.3	5934.5	8175.0	10284.6	12341.9	14852.6	17594.4	20198.7	22312.5
-32.5°	1778.2	2095.6	2830.0	4185.7	5868.5	7751.4	9598.3	11839.5	13967.5	16028.5	17845.8
-35°	1689.8	1892.7	2169.7	2876.9	3890.6	5420.8	7108.2	9004.7	10925.3	12590.2	14131.6
-37.5°	1607.3	1783.4	1966.8	2149.3	2719.9	3420.3	4608.6	6108.7	7565.7	8912.9	10239.7
-40°	1489.7	1682.7	1830.8	1986.9	2156.6	2349.4	2971.3	3584.2	4297.5	5330.7	6235.8
-42.5°	1365.0	1525.8	1694.5	1840.6	1982.5	2130.7	2287.5	2443.2	2769.2	3174.7	3506.7
-45°	1312.8	1409.5	1525.5	1678.0	1820.7	1953.8	2081.3	2204.7	2335.0	2453.9	2551.1
-47.5°	1250.4	1338.4	1432.2	1531.6	1636.4	1764.9	1891.1	2016.7	2130.7	2236.6	2321.1
-50°	1192.8	1261.9	1345.8	1430.3	1514.1	1600.3	1687.3	1784.3	1893.2	2000.5	2088.7
-52.5°	1145.7	1209.0	1269.0	1329.0	1401.8	1474.8	1548.0	1625.2	1699.5	1769.9	1824.7
-55°	1031.2	1120.4	1208.2	1264.8	1313.9	1363.6	1419.0	1488.2	1554.1	1616.6	1653.3
-57.5°	875.5	978.7	1073.6	1140.4	1208.9	1278.2	1335.3	1384.8	1434.6	1482.2	1508.3
-60°	702.2	787.0	872.9	952.6	1028.7	1100.5	1167.2	1232.1	1292.2	1342.7	1373.4
-62.5°	530.7	601.2	670.9	737.5	801.5	864.0	935.0	1003.5	1068.7	1121.8	1154.6
-65°	369.4	427.1	481.3	533.1	582.8	635.9	691.2	744.9	796.5	837.4	864.2
-67.5°	251.3	286.8	319.1	349.9	387.7	428.6	469.1	506.8	541.4	567.9	586.8
-70°	167.0	186.0	203.0	223.0	247.6	272.5	297.6	320.8	342.1	358.0	369.9
-72.5°	102.8	115.9	128.2	141.6	154.2	167.3	180.9	194.2	207.1	216.4	223.5
-75°	49.5	55.5	66.4	76.3	85.2	93.5	101.0	107.6	113.3	117.0	119.3
-77.5°	33.7	36.5	39.1	41.9	44.6	48.0	51.4	54.6	57.7	60.1	62.3
-80°	24.3	25.8	27.0	28.1	29.0	30.5	32.0	33.5	35.0	35.6	36.0
-82.5°	16.8	17.9	19.1	20.2	21.2	22.2	23.2	24.0	24.9	25.7	26.4
-85°	11.3	11.9	12.5	13.2	13.9	14.6	15.4	16.1	16.8	16.9	17.0
-87.5°	7.8	8.0	8.2	8.3	8.4	9.0	9.6	10.1	10.7	10.7	10.8
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	1.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.1
87.5°	2.2	2.2	1.1	0.0	1.1	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.7
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.8
75°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.2	3.6	3.9	3.9
72.5°	6.3	6.4	5.4	4.3	5.4	6.4	6.3	6.2	6.1	6.2	6.7
70°	7.1	6.6	6.5	6.5	6.5	6.6	7.1	7.5	7.9	8.4	9.3
67.5°	9.9	10.6	10.8	10.8	10.8	10.6	9.9	9.3	8.8	9.1	10.3
65°	12.0	12.7	11.9	10.8	11.9	12.7	12.0	11.3	10.5	10.4	11.0
62.5°	9.0	8.8	8.6	8.6	8.6	8.8	9.0	9.1	9.3	9.9	10.8
60°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8	9.3
57.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
55°	9.7	10.4	10.8	10.8	10.8	10.4	9.7	9.1	8.6	8.9	9.0
52.5°	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.4	10.0	10.3	10.5
50°	13.4	13.1	12.9	12.9	12.9	13.1	13.4	13.5	13.4	13.2	12.9
47.5°	16.7	15.7	15.1	15.1	15.1	15.7	16.7	17.5	17.8	17.7	17.1
45°	26.1	25.8	25.6	25.8	25.6	25.8	26.1	26.0	26.6	25.8	23.0
42.5°	43.7	44.4	43.6	40.9	43.6	44.4	43.7	42.0	44.9	44.9	42.5
40°	72.2	69.4	65.7	64.6	65.7	69.4	72.2	72.1	74.9	75.8	74.3
37.5°	134.0	133.9	130.8	129.2	130.8	133.9	134.0	132.3	129.2	113.5	117.9
35°	281.8	279.5	264.2	249.7	264.2	279.5	281.8	291.5	277.1	218.4	250.5
32.5°	732.0	770.8	767.2	744.8	767.2	770.8	732.0	714.8	663.8	616.4	583.7
30°	1557.3	1626.8	1612.1	1519.8	1612.1	1626.8	1557.3	1498.6	1346.2	1256.5	1140.2
27.5°	3218.7	3381.4	3524.7	3336.7	3524.7	3381.4	3218.7	3183.5	2520.5	2797.7	2106.5
25°	11009.8	12068.6	12695.0	11721.5	12695.0	12068.6	11009.8	9153.5	7299.4	7212.2	5955.2
22.5°	26276.0	27595.5	28299.6	28702.0	28299.6	27595.5	26276.0	23482.6	19995.5	16407.7	13810.9
20°	48199.2	51020.6	52827.9	49187.2	52827.9	51020.6	48199.2	43093.1	37818.3	30351.6	24972.5
17.5°	81657.7	92063.4	97541.9	100518.5	97541.9	92063.4	81657.7	69679.5	61044.9	49883.4	39010.3
15°	123969.4	137283.3	146274.0	149793.9	146274.0	137283.3	123969.4	108134.5	87616.2	70648.4	54478.7
12.5°	163975.4	177713.3	186008.7	188093.8	186008.7	177713.3	163975.4	143108.7	116755.5	91258.0	69837.0
10°	192430.5	205374.8	214917.3	218267.2	214917.3	205374.8	192430.5	173442.5	143349.0	113249.3	81506.6
7.5°	208271.6	223402.6	231813.0	233906.6	231813.0	223402.6	208271.6	188580.3	160862.0	128295.1	94756.3
5°	217388.5	231059.6	240253.1	241367.9	240253.1	231059.6	217388.5	197596.3	171220.0	139213.0	103422.7
2.5°	223266.8	236636.7	244371.9	246645.2	244371.9	236636.7	223266.8	203035.7	177849.8	146250.5	108073.6
0°	224709.2	237002.2	246347.0	249255.4	246347.0	237002.2	224709.2	205865.5	181094.2	148760.6	110108.8
-2.5°	220341.7	232200.7	238425.5	239434.8	238425.5	232200.7	220341.7	201798.0	176884.7	146633.6	109077.5
-5°	209188.4	217959.0	225145.0	226064.3	225145.0	217959.0	209188.4	190523.9	167080.4	136880.6	101579.5
-7.5°	185497.0	195335.6	199310.1	200385.8	199310.1	195335.6	185497.0	171420.4	150263.9	122398.7	90352.2
-10°	160289.6	168718.3	171533.9	173053.9	171533.9	168718.3	160289.6	147185.5	127181.7	102127.6	74643.2
-12.5°	135611.6	143853.5	146622.9	148823.1	146622.9	143853.5	135611.6	121119.4	102908.0	80613.2	61503.3
-15°	107961.8	116078.0	120552.3	123029.3	120552.3	116078.0	107961.8	93802.8	77279.3	62051.7	47866.8
-17.5°	81014.3	88722.1	93929.9	96960.0	93929.9	88722.1	81014.3	68358.4	58386.0	47524.5	37258.9
-20°	61428.1	66644.7	70652.3	73030.6	70652.3	66644.7	61428.1	54183.7	46195.1	37857.4	30244.6



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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°	47984.5	51597.5	53919.2	55438.6	53919.2	51597.5	47984.5	43197.8	37060.8	30650.5	25187.3
-25°	37502.8	39874.0	41375.4	42604.2	41375.4	39874.0	37502.8	34246.1	29948.8	25777.9	21783.9
-27.5°	29694.2	30965.6	31629.2	32531.7	31629.2	30965.6	29694.2	27752.3	25361.2	21732.4	18239.8
-30°	23871.2	24846.7	25374.1	25569.8	25374.1	24846.7	23871.2	22312.5	20198.7	17594.4	14852.6
-32.5°	19212.3	20133.9	20799.5	21111.6	20799.5	20133.9	19212.3	17845.8	16028.5	13967.5	11839.5
-35°	15327.7	16096.6	16621.2	16909.5	16621.2	16096.6	15327.7	14131.6	12590.2	10925.3	9004.7
-37.5°	11338.5	12182.1	12759.7	12957.1	12759.7	12182.1	11338.5	10239.7	8912.9	7565.7	6108.7
-40°	6956.6	7494.0	7840.8	7986.5	7840.8	7494.0	6956.6	6235.8	5330.7	4297.5	3584.2
-42.5°	3765.5	3962.7	4099.7	4178.4	4099.7	3962.7	3765.5	3506.7	3174.7	2769.2	2443.2
-45°	2613.9	2663.8	2695.4	2708.1	2695.4	2663.8	2613.9	2551.1	2453.9	2335.0	2204.7
-47.5°	2382.9	2436.9	2465.6	2467.0	2465.6	2436.9	2382.9	2321.1	2236.6	2130.7	2016.7
-50°	2158.4	2217.2	2246.8	2249.6	2246.8	2217.2	2158.4	2088.7	2000.5	1893.2	1784.3
-52.5°	1874.6	1921.1	1941.4	1939.6	1941.4	1921.1	1874.6	1824.7	1769.9	1699.5	1625.2
-55°	1685.2	1712.9	1725.2	1726.5	1725.2	1712.9	1685.2	1653.3	1616.6	1554.1	1488.2
-57.5°	1531.6	1552.1	1559.3	1558.6	1559.3	1552.1	1531.6	1508.3	1482.2	1434.6	1384.8
-60°	1400.1	1422.4	1428.6	1425.1	1428.6	1422.4	1400.1	1373.4	1342.7	1292.2	1232.1
-62.5°	1181.3	1201.7	1211.9	1214.1	1211.9	1201.7	1181.3	1154.6	1121.8	1068.7	1003.5
-65°	885.3	900.7	908.8	910.6	908.8	900.7	885.3	864.2	837.4	796.5	744.9
-67.5°	601.4	611.8	615.0	613.5	615.0	611.8	601.4	586.8	567.9	541.4	506.8
-70°	379.5	386.7	388.6	387.5	388.6	386.7	379.5	369.9	358.0	342.1	320.8
-72.5°	229.2	233.6	234.0	232.5	234.0	233.6	229.2	223.5	216.4	207.1	194.2
-75°	120.8	121.5	121.4	120.6	121.4	121.5	120.8	119.3	117.0	113.3	107.6
-77.5°	64.3	66.1	65.5	64.6	65.5	66.1	64.3	62.3	60.1	57.7	54.6
-80°	36.3	36.5	36.6	36.6	36.6	36.5	36.3	36.0	35.6	35.0	33.5
-82.5°	27.2	27.9	26.9	25.8	26.9	27.9	27.2	26.4	25.7	24.9	24.0
-85°	17.1	17.2	17.2	17.2	17.2	17.2	17.1	17.0	16.9	16.8	16.1
-87.5°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.1
-90°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.7	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.6	7.0	6.5	6.0	5.4	4.9	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.6	2.9	3.1	3.2	3.0	2.8	2.6	2.4
80°	3.0	3.3	3.5	3.6	3.8	4.0	4.3	4.3	4.3	4.2	3.8
77.5°	3.3	3.9	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2
75°	4.0	4.1	4.4	4.7	4.8	4.5	4.3	4.3	4.3	4.3	4.1
72.5°	7.0	6.9	6.9	7.2	7.3	7.6	7.7	7.4	6.6	5.3	4.3
70°	10.2	11.1	12.4	13.7	14.1	14.2	13.7	13.0	12.2	11.3	9.0
67.5°	11.4	12.5	15.2	18.3	20.2	21.4	21.2	20.0	18.8	17.6	14.2
65°	11.8	12.7	16.3	20.0	23.5	26.8	29.4	29.5	28.1	25.2	19.3
62.5°	11.7	12.7	16.0	19.5	23.6	29.4	36.3	39.4	39.6	34.6	26.9
60°	10.0	11.3	14.3	17.6	21.2	29.5	40.2	48.2	53.5	45.7	34.6
57.5°	8.6	9.6	12.2	15.2	18.5	27.9	40.2	54.1	63.2	52.6	42.5
55°	8.7	9.5	11.1	13.1	15.8	24.3	35.8	49.3	58.9	54.9	43.9
52.5°	10.6	10.8	11.3	12.2	14.7	20.1	28.0	40.6	47.3	45.4	41.2
50°	12.7	12.7	12.7	12.7	14.2	16.7	22.2	30.9	34.1	35.8	33.9
47.5°	16.9	16.6	15.3	14.8	16.0	15.7	18.6	22.4	26.6	26.9	27.1
45°	25.1	25.3	22.2	22.6	22.8	22.2	19.1	22.0	24.0	24.8	21.8
42.5°	43.2	41.9	39.6	37.7	36.1	34.3	31.6	30.1	27.9	26.7	26.6
40°	70.0	65.9	64.3	59.9	55.0	51.0	53.5	46.9	40.9	33.9	37.7
37.5°	110.9	93.4	105.3	95.2	84.2	83.9	87.7	77.2	60.5	65.1	62.9
35°	209.0	188.0	197.6	178.1	138.9	161.2	145.7	123.3	110.5	119.3	104.3
32.5°	481.4	465.3	401.2	352.5	319.3	296.1	259.1	198.8	207.2	202.1	172.6
30°	1084.6	1023.8	802.8	756.4	720.5	528.0	423.4	391.9	360.6	307.9	259.6
27.5°	2572.4	2156.4	1782.5	1808.5	1454.0	1051.3	769.3	631.6	554.6	464.9	376.5
25°	6135.5	5182.9	4421.0	3972.6	3033.2	2062.2	1440.6	1033.5	799.4	659.4	543.0
22.5°	12083.6	10436.1	8721.6	7172.2	5575.2	4090.5	2739.9	1559.1	1069.4	880.8	738.7
20°	19726.2	16628.2	13961.7	11339.4	8866.5	6468.6	4483.0	2577.8	1503.5	1108.6	930.6
17.5°	30046.0	23637.7	19205.4	15539.3	12475.5	9532.0	6371.6	3699.5	1912.1	1329.4	1113.7
15°	41200.7	31135.9	24482.7	19924.1	15839.5	11596.6	8021.4	4764.2	2456.7	1621.0	1292.2
12.5°	51893.2	38846.7	29324.2	23129.4	17963.0	13352.1	9617.7	6118.8	3282.9	1884.3	1401.8
10°	60321.7	45160.8	33465.2	25904.2	20085.9	14954.0	10856.4	7064.7	3811.6	2090.5	1494.1
7.5°	68088.3	49949.6	36780.3	27976.5	21870.1	16434.1	11824.5	7725.9	4147.2	2265.3	1570.2
5°	72966.6	53433.8	39166.7	29144.4	23078.9	17651.1	12684.9	8182.9	4311.4	2406.1	1631.2
2.5°	75539.4	55357.2	40702.9	29729.4	23742.8	18446.8	13362.7	8499.5	4410.6	2464.4	1654.2
0°	77546.9	56228.7	40819.6	29853.7	23854.1	18588.6	13773.0	8653.9	4438.9	2473.5	1666.2
-2.5°	75932.2	55412.0	40434.6	29488.6	23493.2	18270.9	13626.0	8889.7	4571.6	2509.6	1675.6
-5°	71354.6	52309.3	37880.6	27721.3	22080.4	17231.0	12893.5	8592.1	4525.5	2488.7	1673.3
-7.5°	64631.0	47275.7	34237.4	25452.1	20229.9	15777.8	11738.7	7784.1	4234.5	2358.1	1625.6
-10°	55003.2	40510.3	29443.0	22575.8	17950.5	14093.0	10446.8	6847.8	3825.5	2189.9	1567.7
-12.5°	45571.4	33386.2	24363.7	19158.9	15170.0	11927.5	8893.9	5789.4	3298.9	1985.9	1500.5
-15°	35200.9	26442.2	20694.9	16255.8	12514.3	9830.3	7280.0	4614.3	2663.4	1757.4	1424.7
-17.5°	28627.1	21385.1	17385.7	14002.4	10851.0	8005.3	5846.1	3795.2	2272.7	1596.3	1369.7
-20°	23686.6	19237.9	15392.0	12283.3	9542.7	6986.2	4696.2	2982.6	1980.1	1530.5	1330.9



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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°	21071.7	17468.7	14006.6	10861.6	8290.9	5916.9	3863.2	2362.3	1667.6	1462.0	1284.5
-25°	18429.0	15504.5	12451.3	9554.1	6961.4	4658.6	2942.3	2035.5	1596.0	1398.1	1229.9
-27.5°	15446.2	12940.5	10550.1	7869.3	5434.6	3543.7	2332.2	1734.0	1533.1	1349.2	1165.8
-30°	12341.9	10284.6	8175.0	5934.5	4032.3	2612.8	1903.5	1656.3	1471.2	1292.9	1107.3
-32.5°	9598.3	7751.4	5868.5	4185.7	2830.0	2095.6	1778.2	1575.2	1405.2	1221.3	1074.5
-35°	7108.2	5420.8	3890.6	2876.9	2169.7	1892.7	1689.8	1508.3	1319.3	1152.3	1044.1
-37.5°	4608.6	3420.3	2719.9	2149.3	1966.8	1783.4	1607.3	1415.2	1226.5	1111.3	1010.8
-40°	2971.3	2349.4	2156.6	1986.9	1830.8	1682.7	1489.7	1301.4	1184.3	1067.1	974.2
-42.5°	2287.5	2130.7	1982.5	1840.6	1694.5	1525.8	1365.0	1254.6	1142.5	1033.3	951.2
-45°	2081.3	1953.8	1820.7	1678.0	1525.5	1409.5	1312.8	1207.4	1101.0	1013.3	934.8
-47.5°	1891.1	1764.9	1636.4	1531.6	1432.2	1338.4	1250.4	1159.0	1075.5	991.6	871.6
-50°	1687.3	1600.3	1514.1	1430.3	1345.8	1261.9	1192.8	1129.3	1032.4	915.5	794.6
-52.5°	1548.0	1474.8	1401.8	1329.0	1269.0	1209.0	1145.7	1048.9	942.5	818.3	693.7
-55°	1419.0	1363.6	1313.9	1264.8	1208.2	1120.4	1031.2	931.2	818.6	699.7	586.7
-57.5°	1335.3	1278.2	1208.9	1140.4	1073.6	978.7	875.5	775.8	681.7	576.4	475.0
-60°	1167.2	1100.5	1028.7	952.6	872.9	787.0	702.2	618.5	536.4	451.4	367.0
-62.5°	935.0	864.0	801.5	737.5	670.9	601.2	530.7	463.4	395.2	326.3	270.3
-65°	691.2	635.9	582.8	533.1	481.3	427.1	369.4	320.9	277.2	231.6	186.0
-67.5°	469.1	428.6	387.7	349.9	319.1	286.8	251.3	213.7	185.9	162.7	137.7
-70°	297.6	272.5	247.6	223.0	203.0	186.0	167.0	147.3	127.9	109.7	90.4
-72.5°	180.9	167.3	154.2	141.6	128.2	115.9	102.8	88.6	73.8	58.6	47.6
-75°	101.0	93.5	85.2	76.3	66.4	55.5	49.5	45.7	41.6	37.1	32.5
-77.5°	51.4	48.0	44.6	41.9	39.1	36.5	33.7	30.5	28.1	25.8	23.8
-80°	32.0	30.5	29.0	28.1	27.0	25.8	24.3	22.6	20.9	19.4	18.2
-82.5°	23.2	22.2	21.2	20.2	19.1	17.9	16.8	15.9	15.1	14.4	13.6
-85°	15.4	14.6	13.9	13.2	12.5	11.9	11.3	10.9	10.4	9.8	9.1
-87.5°	9.6	9.0	8.4	8.3	8.2	8.0	7.8	7.3	6.8	6.3	5.9
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2
80°	3.2	2.7	2.4	2.2	2.3	2.2	2.2	2.2	2.5	2.6	2.5
77.5°	3.6	3.1	2.6	2.3	2.6	2.8	2.7	2.5	2.8	3.0	3.0
75°	3.6	3.0	2.5	2.4	2.9	3.4	3.5	3.4	3.3	3.4	3.5
72.5°	4.0	3.6	2.9	2.5	3.0	3.5	4.0	4.2	3.8	3.7	4.0
70°	6.6	4.8	3.9	3.5	3.4	3.6	4.1	4.3	4.3	4.0	4.1
67.5°	10.8	8.1	6.0	4.5	4.0	3.9	4.2	4.3	4.3	4.3	4.2
65°	15.4	11.7	8.4	6.2	4.8	4.2	4.3	4.3	4.3	4.3	4.3
62.5°	20.4	15.5	11.6	8.1	5.7	4.6	4.3	4.3	4.3	4.3	4.3
60°	25.7	19.4	14.7	10.8	7.2	4.8	4.3	4.3	4.3	4.3	4.3
57.5°	31.5	22.7	17.5	13.2	9.3	5.8	4.3	4.3	4.3	4.3	4.3
55°	35.2	26.6	20.4	15.4	11.1	7.3	4.9	4.3	4.3	4.3	4.3
52.5°	33.5	28.8	23.8	17.7	12.8	9.0	6.6	4.3	4.3	4.3	4.3
50°	29.1	28.4	25.6	20.4	14.3	10.9	8.2	5.6	4.3	4.3	4.3
47.5°	26.1	27.2	25.9	22.3	16.4	12.8	10.0	7.0	4.3	4.3	4.3
45°	24.9	25.3	25.6	23.0	19.0	15.2	11.9	8.4	5.5	4.4	4.3
42.5°	25.7	25.9	24.5	23.9	21.2	17.4	13.9	10.2	6.7	4.5	4.4
40°	34.8	28.9	25.0	25.7	23.8	19.5	15.8	12.0	7.8	5.0	4.6
37.5°	47.8	38.3	29.6	32.1	27.7	22.2	17.4	13.9	9.2	6.1	4.8
35°	80.2	53.6	49.5	47.0	36.8	25.2	18.9	15.5	11.0	7.2	5.0
32.5°	122.0	94.1	89.1	71.4	49.1	28.5	21.1	17.1	12.6	8.2	5.3
30°	201.7	177.3	141.8	102.3	67.6	40.0	24.8	19.0	14.1	9.2	5.8
27.5°	331.9	276.8	210.6	151.0	97.3	55.0	30.3	21.1	15.6	10.2	6.6
25°	474.6	398.0	306.5	211.8	131.2	85.4	36.8	23.7	17.2	11.4	7.3
22.5°	632.4	529.0	413.2	280.3	187.8	124.5	52.7	28.7	19.0	12.5	8.0
20°	796.7	665.6	523.3	350.8	252.3	173.3	81.2	34.2	21.0	13.5	8.7
17.5°	966.3	786.4	605.4	428.5	314.4	224.3	114.1	40.0	23.0	14.5	9.3
15°	1081.2	880.1	683.2	499.6	370.4	276.7	150.2	46.1	25.1	15.3	10.0
12.5°	1173.3	969.2	756.2	564.0	421.0	329.7	188.3	52.2	27.1	16.7	10.9
10°	1255.5	1052.8	824.0	622.0	466.5	382.5	227.2	58.6	30.8	18.6	11.8
7.5°	1328.2	1130.0	886.0	673.7	503.8	420.0	252.1	65.2	34.6	20.5	12.7
5°	1384.5	1186.3	926.7	696.9	516.0	439.1	270.9	71.4	38.4	22.4	13.6
2.5°	1401.3	1212.6	951.5	710.9	526.0	454.2	285.2	76.9	41.9	24.2	14.4
0°	1410.0	1229.2	968.7	719.0	533.9	465.0	294.9	81.8	45.2	25.8	15.1
-2.5°	1417.2	1234.5	977.8	733.5	550.0	473.5	311.1	105.4	61.0	34.7	19.1
-5°	1417.2	1230.6	979.2	742.5	563.7	478.5	322.9	127.9	76.1	43.2	23.0
-7.5°	1388.4	1203.7	966.2	745.4	574.4	480.7	331.0	148.8	90.2	51.0	26.5
-10°	1347.7	1159.8	937.6	740.9	588.0	487.7	336.9	167.6	102.9	58.1	29.8
-12.5°	1300.4	1109.6	907.7	734.3	601.3	499.1	345.9	184.3	113.7	64.1	32.7
-15°	1246.8	1053.8	878.3	726.6	613.6	508.5	350.5	198.0	122.1	68.9	35.1
-17.5°	1193.2	993.2	851.1	718.7	625.3	516.4	350.5	208.2	128.4	72.6	37.4
-20°	1149.4	955.6	828.6	711.6	636.6	523.0	346.1	214.4	132.3	75.0	39.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1099.4	940.0	820.4	717.3	643.9	528.7	337.2	216.3	133.7	75.8	40.8
-25°	1045.5	923.3	811.7	723.0	644.9	514.5	331.3	213.6	132.5	75.0	41.3
-27.5°	1014.3	907.0	801.0	724.4	633.1	495.0	327.4	211.7	129.6	72.5	41.1
-30°	993.2	892.1	796.6	717.7	616.7	459.7	317.3	206.2	126.5	70.8	40.0
-32.5°	971.8	875.6	789.4	696.1	580.4	422.6	297.1	197.0	121.0	69.5	39.1
-35°	947.2	859.2	775.4	669.0	535.6	393.8	273.8	183.8	113.1	66.9	37.8
-37.5°	918.9	842.1	740.8	629.0	489.6	360.3	252.0	167.5	102.7	63.1	35.8
-40°	900.6	814.2	703.0	577.7	446.4	322.2	226.2	151.0	95.4	58.1	33.0
-42.5°	879.3	767.5	649.0	525.0	399.8	289.3	197.6	132.2	87.0	53.4	29.5
-45°	822.4	708.8	585.2	465.8	349.9	251.9	173.9	112.5	77.4	48.5	26.3
-47.5°	754.9	633.2	515.8	402.0	303.1	213.5	147.4	100.6	66.9	42.7	23.9
-50°	666.5	552.0	441.3	342.1	251.2	180.7	122.0	87.5	58.2	35.3	21.1
-52.5°	575.4	466.1	369.8	281.5	208.2	144.9	106.0	73.6	48.6	29.9	17.8
-55°	478.3	384.4	299.7	227.7	165.0	121.5	88.7	61.2	38.1	25.3	14.5
-57.5°	385.7	304.2	237.5	176.5	132.7	100.4	72.0	47.8	31.4	20.6	13.8
-60°	293.2	234.7	177.6	138.9	107.1	79.3	55.2	36.1	25.7	16.4	12.9
-62.5°	216.4	169.8	138.8	108.2	82.1	58.8	39.2	29.3	19.7	15.2	11.9
-65°	157.6	129.8	103.1	79.8	57.8	40.7	31.4	22.3	17.2	13.8	10.9
-67.5°	113.0	91.4	71.5	51.6	40.1	31.4	23.2	18.7	15.4	12.4	9.8
-70°	71.7	54.4	45.0	37.2	29.2	22.6	19.6	16.5	13.5	11.1	8.7
-72.5°	42.5	37.1	31.2	25.1	22.4	19.7	16.9	14.3	12.1	9.8	7.6
-75°	27.9	25.5	23.6	21.7	19.2	16.7	14.5	12.7	10.6	8.5	6.8
-77.5°	22.3	20.9	19.6	17.9	15.7	13.8	12.3	11.0	9.2	7.5	6.1
-80°	17.2	16.1	14.7	13.2	11.8	10.8	10.1	9.3	7.8	6.5	5.3
-82.5°	12.5	11.4	10.4	9.6	9.1	8.6	8.1	7.6	6.5	5.4	4.8
-85°	8.5	8.0	7.5	7.1	6.8	6.5	6.3	6.1	5.5	5.0	4.6
-87.5°	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	4.9	4.7	4.5
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
87.5°	2.2	2.3	2.4	2.4	2.4	3.3	4.3
85°	2.2	2.4	2.6	2.6	2.6	3.3	4.3
82.5°	2.2	2.6	2.8	2.8	2.8	3.4	4.3
80°	2.3	2.7	2.9	3.0	2.9	3.4	4.3
77.5°	2.8	2.9	3.1	3.2	3.1	3.5	4.3
75°	3.4	3.2	3.3	3.5	3.3	3.5	4.3
72.5°	3.9	3.6	3.5	3.7	3.5	3.6	4.3
70°	4.3	3.9	3.7	3.9	3.7	3.7	4.3
67.5°	4.3	4.2	3.9	4.0	3.8	3.7	4.3
65°	4.3	4.3	4.0	4.0	4.0	3.8	4.3
62.5°	4.3	4.3	4.2	4.1	4.2	3.8	4.3
60°	4.3	4.3	4.3	4.1	4.3	3.8	4.3
57.5°	4.3	4.3	4.3	4.2	4.3	3.9	4.3
55°	4.3	4.3	4.3	4.2	4.3	3.9	4.3
52.5°	4.3	4.3	4.3	4.3	4.3	4.0	4.3
50°	4.3	4.3	4.3	4.3	4.3	4.0	4.3
47.5°	4.3	4.3	4.3	4.3	4.3	4.0	4.3
45°	4.3	4.3	4.3	4.3	4.3	4.1	4.3
42.5°	4.3	4.3	4.3	4.3	4.3	4.1	4.3
40°	4.3	4.3	4.3	4.3	4.3	4.1	4.3
37.5°	4.3	4.3	4.3	4.3	4.3	4.2	4.3
35°	4.3	4.3	4.3	4.3	4.3	4.2	4.3
32.5°	4.4	4.3	4.3	4.3	4.3	4.2	4.3
30°	4.6	4.3	4.3	4.3	4.3	4.2	4.3
27.5°	4.8	4.3	4.3	4.3	4.3	4.2	4.3
25°	5.1	4.3	4.3	4.3	4.3	4.3	4.3
22.5°	5.4	4.3	4.3	4.3	4.3	4.3	4.3
20°	5.7	4.5	4.3	4.3	4.3	4.3	4.3
17.5°	6.0	4.7	4.3	4.3	4.3	4.3	4.3
15°	6.5	4.9	4.3	4.3	4.3	4.3	4.3
12.5°	6.9	5.2	4.3	4.3	4.3	4.3	4.3
10°	7.3	5.4	4.3	4.3	4.3	4.3	4.3
7.5°	7.6	5.7	4.3	4.3	4.3	4.3	4.3
5°	8.0	6.0	4.3	4.3	4.3	4.3	4.3
2.5°	8.3	6.2	4.3	4.3	4.3	4.3	4.3
0°	8.6	6.5	4.3	4.3	4.3	4.3	4.3
-2.5°	10.6	7.2	4.5	4.3	4.3	4.3	4.3
-5°	12.5	7.9	4.7	4.3	4.3	4.3	4.3
-7.5°	14.4	8.5	4.9	4.3	4.3	4.3	4.3
-10°	16.0	9.0	5.0	4.3	4.3	4.3	4.3
-12.5°	17.5	9.5	5.2	4.3	4.3	4.3	4.3
-15°	18.7	9.8	5.3	4.3	4.3	4.3	4.3
-17.5°	19.6	10.1	5.4	4.3	4.3	4.3	4.3
-20°	20.5	10.3	5.4	4.3	4.3	4.3	4.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.2	10.3	5.5	4.3	4.3	4.3	4.3
-25°	21.5	10.4	5.5	4.3	4.3	4.3	4.3
-27.5°	21.4	10.4	5.4	4.3	4.3	4.3	4.3
-30°	20.9	10.2	5.3	4.3	4.3	4.3	4.3
-32.5°	19.8	9.8	5.4	4.3	4.3	4.3	4.3
-35°	19.1	9.2	5.4	4.3	4.3	4.3	4.3
-37.5°	18.3	8.7	5.4	4.3	4.3	4.3	4.3
-40°	17.2	8.7	5.4	4.3	4.3	4.3	4.3
-42.5°	15.9	8.6	5.4	4.3	4.3	4.3	4.3
-45°	14.2	8.4	5.5	4.4	4.3	4.3	4.3
-47.5°	12.2	8.2	5.5	4.4	4.3	4.3	4.3
-50°	11.6	7.9	5.5	4.5	4.3	4.3	4.3
-52.5°	11.1	7.6	5.5	4.5	4.3	4.3	4.3
-55°	10.7	7.4	5.4	4.5	4.3	4.3	4.3
-57.5°	10.1	7.1	5.3	4.5	4.3	4.3	4.3
-60°	9.5	6.8	5.1	4.5	4.3	4.3	4.3
-62.5°	8.8	6.4	5.0	4.4	4.3	4.3	4.3
-65°	8.1	6.0	4.9	4.4	4.3	4.3	4.3
-67.5°	7.3	5.6	4.8	4.4	4.3	4.3	4.3
-70°	6.4	5.3	4.7	4.3	4.3	4.3	4.3
-72.5°	5.9	5.1	4.5	4.3	4.3	4.3	4.3
-75°	5.4	4.7	4.3	4.3	4.3	4.3	4.3
-77.5°	4.9	4.4	4.3	4.3	4.3	4.3	4.3
-80°	4.4	4.3	4.3	4.3	4.3	4.3	4.3
-82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-90°	2.2	2.2	2.2	2.2	2.2	3.3	4.3

(END OF REPORT)