

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: P1306279 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-1S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

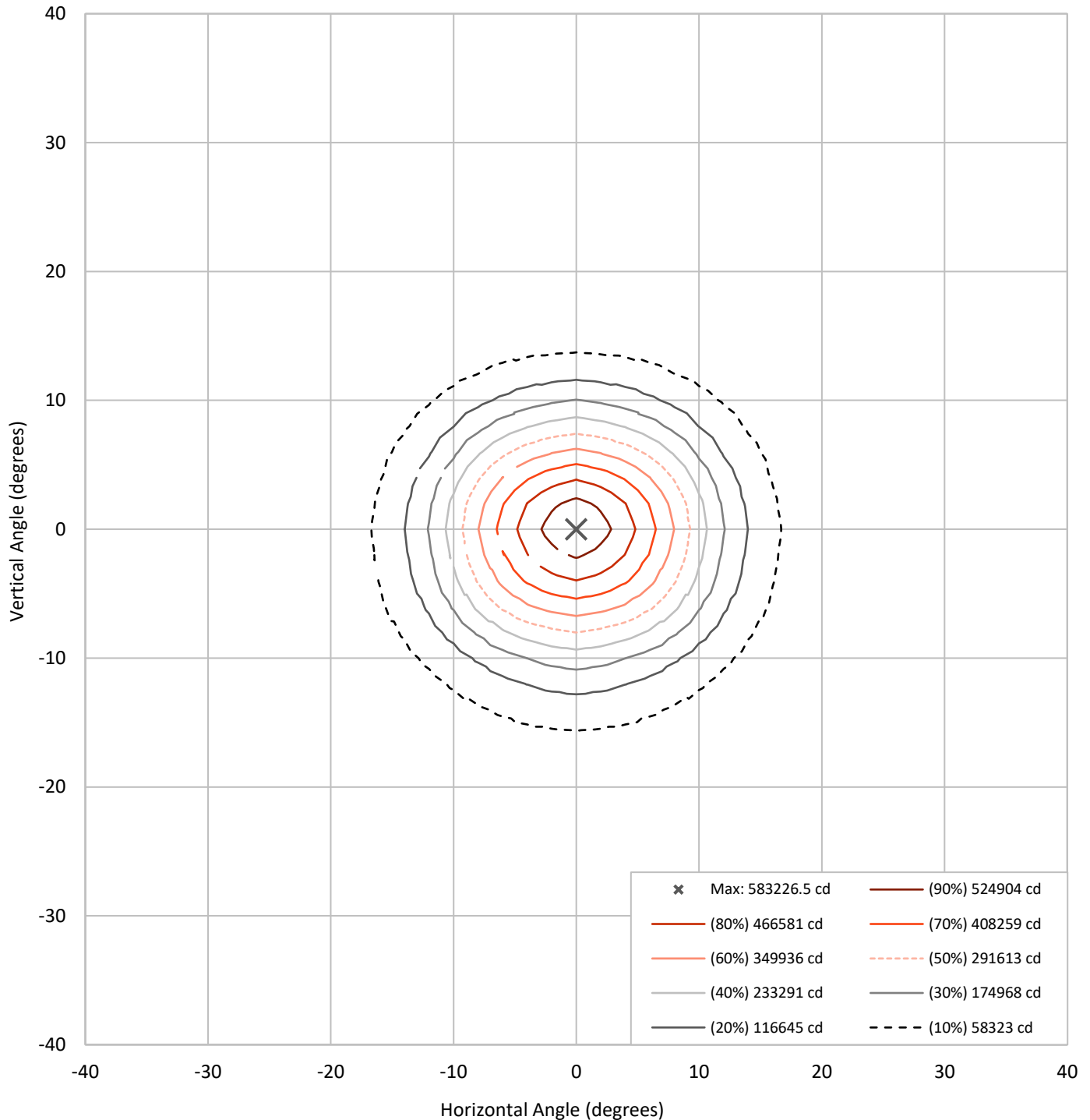
Test Method: LM-79-08  
Report Number: P1306279 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-70-1S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	59961.2 lumens	Max Intensity:	583226.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	27653.4 lumens	Field Lumens:	51017.6 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	718		
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



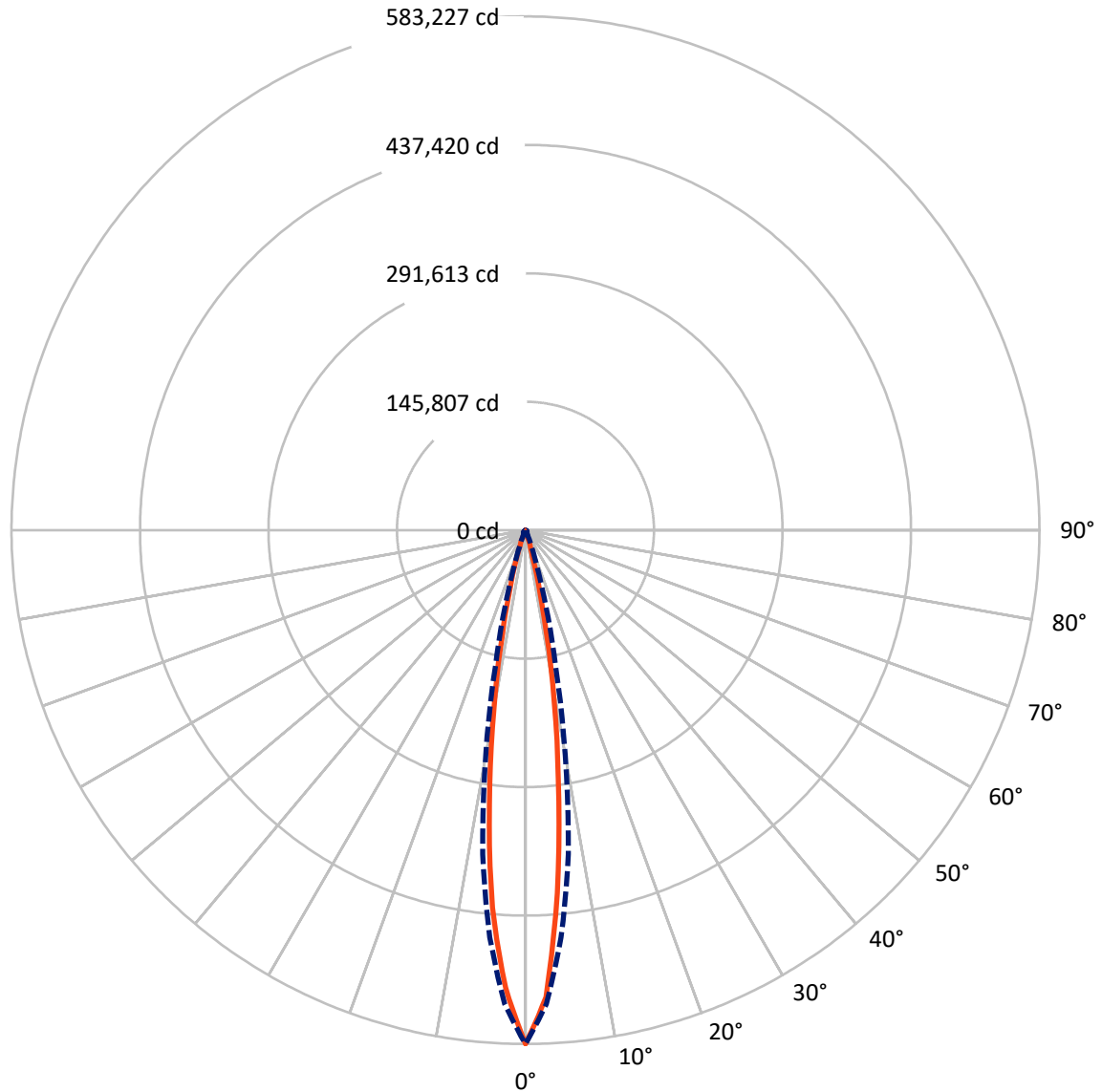
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### Lumen Table

90	0.2	0.4		0.7		0.7		0.9		0.7		0.7		0.4		0.2
80	0.2	0.4		0.7		0.7		0.9		0.7		0.7		0.4		0.2
70	0.2	0.1	0.2	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.6	0.2	0.1	0.2
60		0.2	0.4	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.4	0.2	
50	0.3	0.2	0.5	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.2	0.3
40		0.3	0.7	0.9	1.6	2.2	2.3	2.7	2.7	2.3	2.2	1.6	0.9	0.7	0.3	
30	0.4	0.5	1.5	3.5	6.7	7.6	10.8	21.7	21.7	10.8	7.6	6.7	3.5	1.5	0.5	0.4
20		1.2	4.8	16.4	30.5	40.5	300.6	1252.1	1252.1	300.6	40.5	30.5	16.4	4.8	1.2	
10	0.4	2.0	9.6	41.2	66.7	151.6	2205.6	9557.3	9557.3	2205.6	151.6	66.7	41.2	9.6	2.0	0.4
0		2.4	11.2	47.4	78.1	155.3	2367.1	9989.6	9989.6	2367.1	155.3	78.1	47.4	11.2	2.4	
-10	0.5	2.6	9.8	35.8	64.5	71.1	504.8	1960.8	1960.8	504.8	71.1	64.5	35.8	9.8	2.6	0.5
-20		2.5	8.5	20.1	51.9	60.1	66.3	129.1	129.1	66.3	60.1	51.9	20.1	8.5	2.5	
-30	0.5	2.2	7.2	12.8	31.8	60.1	70.2	70.9	70.9	70.2	60.1	31.8	12.8	7.2	2.2	0.5
-40		1.5	5.4	11.0	17.2	30.3	51.2	67.2	67.2	51.2	30.3	17.2	11.0	5.4	1.5	
-50	0.3	0.7	3.0	7.2	12.9	17.8	21.0	23.4	23.4	21.0	17.8	12.9	7.2	3.0	0.7	0.3
-60		0.3	1.0	2.9	5.7	8.9	11.7	13.9	13.9	11.7	8.9	5.7	2.9	1.0	0.3	
-70	0.2	1.0		2.6		6.3		10.5		6.3		2.6		1.0		0.2
-80		1.0		2.6		6.3		10.5		6.3		2.6		1.0		
-90	0.2	1.0		2.6		6.3		10.5		6.3		2.6		1.0		0.2

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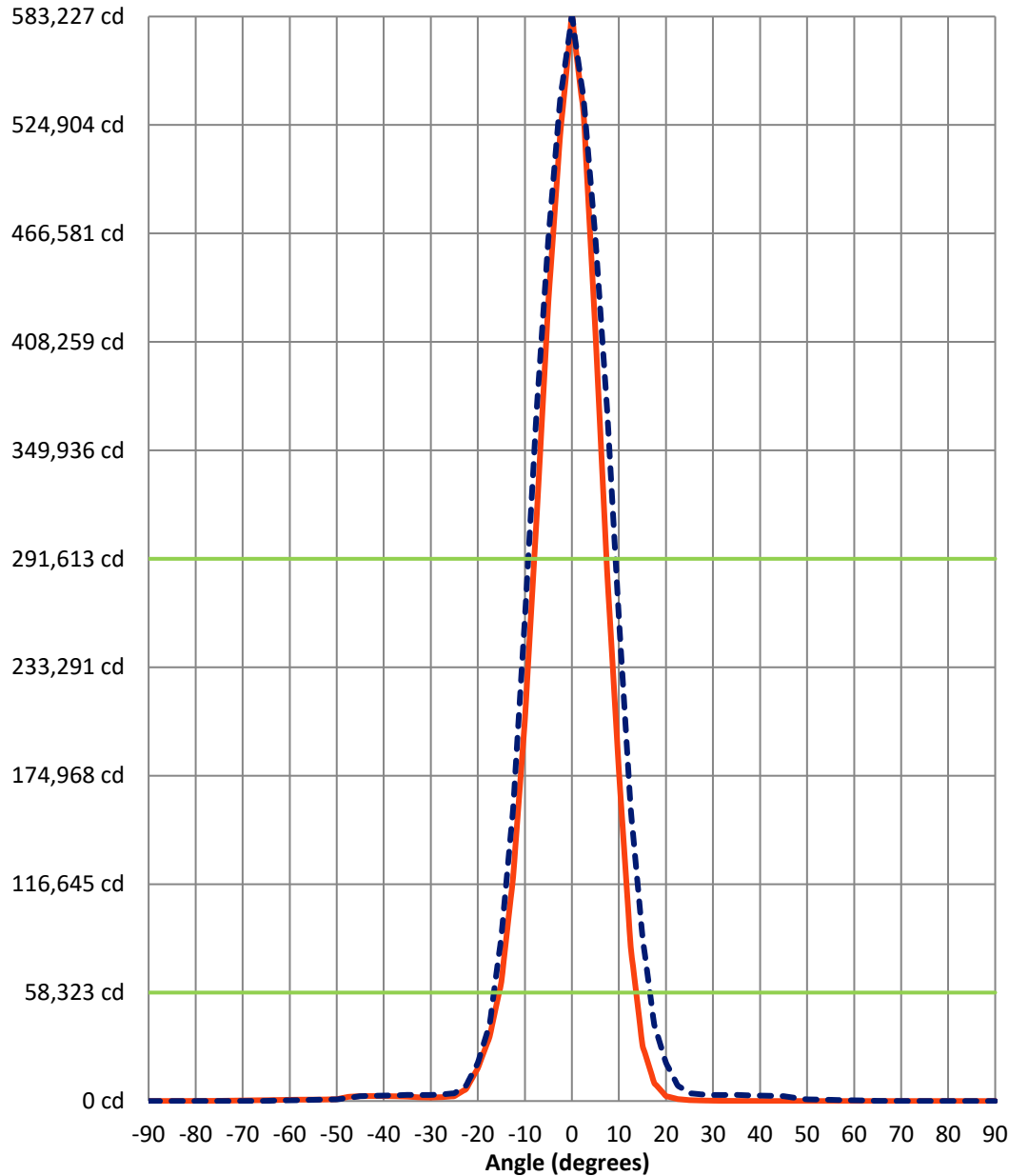
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 18.6°  
V Angle: 15.4°  
Lumens: 27653.4  
Efficiency: 46.1%

**Field:**  
H Angle: 33.2°  
V Angle: 29.1°  
Lumens: 51017.6  
Efficiency: 85.1%

**Spill:**  
Lumens: 8943.7  
Efficiency: 14.9%

— 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°	7.4	7.4	7.4	7.8	8.2	8.5	8.9	8.9	8.9	8.9	8.9
87.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
85°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
82.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
80°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
77.5°	7.4	7.4	7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.4	7.4
75°	7.4	7.4	7.4	7.4	7.4	7.6	7.5	7.4	7.4	7.5	7.5
72.5°	7.4	7.4	7.4	7.4	7.7	7.9	7.6	7.5	7.7	7.7	7.5
70°	7.4	7.4	7.4	7.5	8.0	8.1	7.7	7.9	8.0	8.0	8.1
67.5°	7.4	7.4	7.4	7.8	8.3	8.3	8.1	8.2	8.4	8.6	8.7
65°	7.4	7.4	7.4	8.1	8.6	8.6	8.6	8.6	8.9	9.1	9.2
62.5°	7.4	7.4	7.4	8.4	8.9	9.0	9.0	9.1	9.4	9.7	9.5
60°	7.4	7.4	7.4	8.7	9.3	9.4	9.4	9.5	9.9	10.0	9.7
57.5°	7.4	7.4	7.6	9.0	9.6	9.7	9.9	10.0	10.4	10.4	10.3
55°	7.4	7.4	7.8	9.3	9.9	10.1	10.5	10.6	10.8	10.9	11.0
52.5°	7.4	7.4	8.0	9.6	10.2	10.5	11.0	11.2	11.3	11.5	11.8
50°	7.4	7.4	8.2	10.0	10.4	11.0	11.6	11.9	11.8	12.2	13.6
47.5°	7.4	7.4	8.3	10.3	10.7	11.5	12.2	12.7	12.4	12.8	15.4
45°	7.4	7.4	8.5	10.5	11.0	12.0	12.9	13.5	13.3	14.3	17.1
42.5°	7.4	7.4	8.6	10.7	11.3	12.5	13.7	14.4	14.3	15.7	18.9
40°	7.4	7.4	8.7	10.8	11.6	13.0	14.5	15.3	15.6	17.1	20.5
37.5°	7.4	7.4	8.8	10.8	12.0	13.5	15.3	16.4	17.3	19.0	21.7
35°	7.4	7.4	8.9	10.9	12.4	14.1	16.2	17.4	19.0	21.2	22.6
32.5°	7.4	7.4	9.0	10.9	12.8	14.8	17.1	18.6	20.6	23.5	25.1
30°	7.4	7.4	9.0	10.9	13.2	15.5	18.0	19.8	22.2	26.0	27.9
27.5°	7.4	7.4	9.1	10.9	13.3	16.2	19.0	21.2	24.0	28.7	31.0
25°	7.4	7.4	9.1	10.9	13.4	17.0	19.9	22.5	26.1	31.4	34.5
22.5°	7.4	7.4	9.2	10.9	13.3	17.4	20.9	23.8	28.3	34.2	39.8
20°	7.4	7.4	9.2	10.9	13.3	17.4	21.9	25.0	30.6	37.1	45.5
17.5°	7.4	7.4	9.2	10.9	13.2	17.3	22.0	26.3	32.8	40.1	51.5
15°	7.4	7.4	9.2	10.8	13.1	17.1	21.6	26.8	35.1	43.3	57.7
12.5°	7.4	7.4	9.1	10.8	13.0	16.8	21.1	26.4	36.1	46.4	64.0
10°	7.4	7.4	9.1	10.7	12.8	16.5	20.6	26.0	36.0	47.8	70.0
7.5°	7.4	7.4	9.1	10.7	12.6	16.1	20.0	25.5	35.8	49.0	75.5
5°	7.4	7.4	9.0	10.6	12.4	15.7	19.3	25.0	35.4	50.2	80.9
2.5°	7.4	7.4	9.0	10.5	12.1	15.3	18.6	24.4	34.8	51.2	86.0
0°	7.4	7.4	8.9	10.4	11.9	14.8	17.8	23.7	34.1	51.9	90.5
-2.5°	7.4	7.4	8.9	10.4	12.0	15.0	18.6	26.2	40.2	62.2	104.6
-5°	7.4	7.5	8.9	10.4	12.1	15.1	19.3	28.6	46.0	71.9	117.7
-7.5°	7.4	7.5	8.9	10.4	12.2	15.2	19.9	30.8	51.2	80.9	129.6
-10°	7.4	7.5	8.9	10.3	12.3	15.2	20.4	32.6	55.8	88.9	140.2
-12.5°	7.4	7.6	8.8	10.3	12.3	15.3	20.9	34.1	59.6	96.1	150.1
-15°	7.4	7.6	8.8	10.2	12.4	15.3	21.1	35.1	63.5	103.4	158.9
-17.5°	7.4	7.6	8.8	10.2	12.4	15.3	21.2	36.8	67.6	109.5	165.7
-20°	7.4	7.6	8.8	10.1	12.3	15.2	21.5	38.7	70.6	114.3	170.4



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 CATALOG NUMBER: EPH-08-680N-40-70-1S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.4	7.7	8.8	10.1	12.2	15.1	22.1	39.7	72.3	117.6	172.9
-25°	7.4	7.7	8.7	10.0	12.1	15.3	22.4	39.9	72.7	119.5	173.2
-27.5°	7.4	7.7	8.7	9.9	12.0	15.4	22.3	39.0	71.7	119.8	174.6
-30°	7.4	7.7	8.7	9.8	11.8	15.5	21.7	37.2	70.4	118.5	174.1
-32.5°	7.4	7.7	8.7	9.7	11.8	15.5	20.7	36.1	68.2	115.1	171.6
-35°	7.4	7.8	8.7	9.6	11.7	15.4	20.3	34.9	64.5	109.7	167.0
-37.5°	7.4	7.8	8.7	9.5	11.6	15.2	20.1	33.0	59.2	102.3	154.4
-40°	7.4	7.8	8.6	9.3	11.5	15.1	19.8	30.5	52.4	94.5	139.9
-42.5°	7.4	7.8	8.6	9.3	11.4	14.8	19.4	27.3	47.4	82.9	123.9
-45°	7.4	7.8	8.6	9.2	11.3	14.6	18.8	24.7	42.8	69.9	106.9
-47.5°	7.4	7.8	8.6	9.2	11.3	14.3	18.1	23.9	37.4	56.2	91.2
-50°	7.4	7.8	8.6	9.2	11.2	13.9	17.6	22.8	30.5	48.4	74.6
-52.5°	7.4	7.8	8.7	9.3	11.1	13.4	17.1	21.6	27.1	40.1	57.8
-55°	7.4	7.8	8.7	9.3	10.9	13.2	16.5	20.3	25.2	31.4	47.9
-57.5°	7.4	7.7	8.7	9.3	10.7	12.9	15.8	19.5	23.1	27.6	37.5
-60°	7.4	7.7	8.7	9.3	10.5	12.7	15.1	18.4	21.2	25.2	29.4
-62.5°	7.4	7.7	8.6	9.3	10.5	12.4	14.7	17.4	20.0	22.8	26.7
-65°	7.4	7.7	8.5	9.3	10.3	12.0	14.2	16.4	18.7	21.2	24.0
-67.5°	7.4	7.7	8.5	9.3	10.2	11.7	13.7	15.6	17.4	19.7	22.0
-70°	7.4	7.6	8.4	9.2	10.0	11.3	13.1	14.9	16.5	18.2	20.3
-72.5°	7.4	7.6	8.3	9.1	9.9	11.0	12.5	14.1	15.7	17.2	18.8
-75°	7.4	7.6	8.1	8.9	9.6	10.6	11.9	13.3	14.8	16.2	17.6
-77.5°	7.4	7.6	8.0	8.7	9.4	10.1	11.2	12.3	13.6	15.0	16.4
-80°	7.4	7.5	7.9	8.5	9.2	9.8	10.5	11.4	12.4	13.6	14.8
-82.5°	7.4	7.5	7.8	8.4	8.9	9.5	10.0	10.6	11.2	12.1	13.0
-85°	7.4	7.5	7.7	8.2	8.7	9.2	9.7	10.0	10.4	10.9	11.4
-87.5°	7.4	7.4	7.5	8.0	8.4	8.8	9.3	9.5	9.7	9.9	10.2
-90°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4



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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°	8.9	8.9	8.9	8.9	9.3	9.7	10.0	10.4	10.4	10.4	10.4
87.5°	7.0	6.7	6.3	5.9	5.6	5.2	4.9	4.5	4.5	4.5	4.5
85°	7.0	6.7	6.3	5.9	5.6	5.4	5.2	5.1	5.0	4.9	4.7
82.5°	7.1	6.7	6.3	5.9	5.8	5.9	5.9	5.9	5.6	5.2	4.9
80°	7.1	6.7	6.5	6.4	6.4	6.4	6.2	6.0	5.6	5.3	5.1
77.5°	7.2	7.1	7.1	7.2	7.1	6.9	6.7	6.7	6.6	6.5	6.3
75°	7.3	7.4	7.5	7.5	7.3	7.3	7.4	7.4	7.3	7.1	7.1
72.5°	7.6	7.8	7.8	7.6	7.4	7.4	7.4	7.4	8.3	9.7	10.8
70°	8.3	8.3	8.0	7.6	7.4	7.8	9.5	11.5	13.5	15.6	18.2
67.5°	8.8	8.4	8.1	8.0	9.2	11.1	13.4	18.8	25.4	28.2	29.3
65°	8.9	8.5	8.9	10.1	11.7	15.6	21.5	29.2	37.5	39.0	38.1
62.5°	9.0	9.3	10.3	12.4	15.6	20.9	28.5	37.0	46.5	46.7	40.7
60°	9.6	10.2	12.5	15.9	19.7	25.5	34.2	40.8	47.7	50.5	38.6
57.5°	10.4	12.0	15.4	19.6	24.3	28.6	33.3	39.7	42.5	42.4	31.3
55°	11.8	14.4	18.7	23.8	27.3	26.4	29.6	31.8	32.3	30.1	21.8
52.5°	14.1	17.1	22.5	27.0	27.7	24.9	23.2	24.3	22.8	19.5	17.0
50°	16.3	20.7	26.0	28.8	27.3	22.4	18.5	18.6	17.6	16.1	14.4
47.5°	18.8	23.8	29.0	30.2	25.1	21.4	17.9	16.6	15.8	15.2	13.9
45°	21.2	26.1	31.6	28.2	24.3	22.2	19.4	16.3	16.3	15.9	15.8
42.5°	23.3	27.9	30.1	26.5	26.0	24.4	22.0	19.1	17.9	18.6	19.0
40°	24.6	29.2	28.9	29.0	28.5	27.6	26.0	23.6	21.2	22.8	23.7
37.5°	25.5	29.0	29.8	33.1	32.1	31.8	30.7	31.0	29.3	28.4	31.9
35°	26.0	29.7	34.8	38.7	38.1	36.9	38.8	40.0	39.4	38.2	43.8
32.5°	26.8	31.2	41.1	45.2	46.7	46.0	48.3	50.7	53.1	56.0	65.0
30°	29.6	36.9	48.2	52.7	57.3	62.7	61.4	63.3	69.8	90.9	110.5
27.5°	35.3	44.4	55.2	62.6	70.9	83.3	85.9	82.7	102.9	136.5	171.5
25°	41.8	66.9	62.9	74.3	90.9	108.0	117.3	124.5	152.1	201.3	238.0
22.5°	54.5	96.5	95.9	87.2	113.6	136.6	158.8	208.0	277.9	300.3	307.5
20°	76.3	126.2	135.5	138.5	147.5	168.5	206.3	322.0	461.7	514.3	458.0
17.5°	102.0	158.6	179.2	201.7	229.2	235.5	267.7	459.1	690.4	769.5	769.8
15°	130.6	193.3	225.5	271.1	316.4	345.1	451.7	683.0	937.8	1063.1	1134.7
12.5°	161.3	229.8	273.9	345.3	407.9	458.2	691.0	1059.9	1296.9	1406.3	1614.9
10°	193.0	267.2	323.6	422.7	502.3	573.5	960.0	1462.0	1692.9	1799.9	2038.3
7.5°	224.5	302.2	372.1	501.6	598.3	689.7	1246.4	1877.5	2074.9	2170.4	2364.6
5°	254.9	333.2	410.6	561.5	674.1	784.9	1506.3	2291.4	2445.1	2522.1	2631.7
2.5°	282.8	362.6	447.4	615.3	735.0	844.9	1619.3	2473.0	2641.8	2757.3	2850.7
0°	307.1	390.2	482.2	664.7	792.2	900.5	1701.7	2623.0	2801.0	2939.0	3051.8
-2.5°	308.3	396.0	493.6	662.6	779.5	891.6	1623.0	2589.1	2855.7	3062.7	3231.7
-5°	305.4	399.4	501.9	656.2	763.7	878.2	1519.4	2507.8	2866.8	3087.2	3259.9
-7.5°	299.3	400.2	506.8	644.6	740.3	844.4	1428.8	2341.7	2737.2	2926.0	3109.3
-10°	291.3	397.9	499.5	617.8	706.6	797.9	1313.7	2148.6	2604.4	2766.6	2936.9
-12.5°	284.4	393.3	488.8	591.4	672.4	750.1	1163.0	1936.2	2472.7	2614.0	2750.0
-15°	276.3	387.2	476.7	566.7	638.5	701.9	975.0	1711.5	2344.0	2502.6	2607.8
-17.5°	267.6	379.8	463.6	545.1	605.6	654.1	752.4	1441.5	2129.8	2371.6	2494.6
-20°	259.0	371.3	449.9	527.7	574.7	620.4	686.2	1166.3	1795.7	2213.3	2370.4



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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°	250.9	361.8	436.4	509.8	558.1	598.7	651.3	898.6	1442.8	2034.4	2223.9
-25°	247.9	347.2	423.3	492.5	545.9	578.2	615.5	673.7	1117.0	1679.2	2059.2
-27.5°	247.1	335.0	407.8	474.3	536.3	560.7	589.3	633.6	860.7	1314.9	1856.2
-30°	243.3	317.7	390.8	455.2	517.6	550.9	568.9	603.9	664.8	1013.7	1457.8
-32.5°	232.0	299.0	370.4	434.8	495.5	545.0	558.8	588.3	633.2	733.0	1093.4
-35°	217.9	281.5	348.3	412.9	472.8	527.9	558.7	576.1	606.1	653.7	815.6
-37.5°	204.7	262.7	325.5	388.8	447.4	503.1	556.9	572.3	592.4	626.4	688.1
-40°	189.2	242.7	303.1	363.2	419.9	475.0	528.0	572.9	585.0	619.3	662.5
-42.5°	171.6	223.3	280.0	336.2	389.2	443.2	496.6	546.8	594.0	617.4	650.8
-45°	152.2	201.4	255.6	305.9	355.3	408.2	460.2	512.5	573.3	628.0	650.4
-47.5°	131.3	177.5	228.1	273.3	319.4	368.4	420.5	475.6	536.8	597.4	660.0
-50°	109.7	152.4	196.4	239.2	281.6	326.5	374.3	432.4	490.8	551.4	612.1
-52.5°	89.9	125.7	165.1	204.5	243.4	282.8	328.7	381.2	437.5	495.5	549.5
-55°	68.9	100.9	132.9	169.3	205.7	240.8	281.4	328.7	377.5	431.0	479.8
-57.5°	53.6	75.8	103.5	133.2	166.9	200.8	237.8	275.7	319.0	364.0	404.3
-60°	41.4	55.8	75.8	100.9	126.7	158.9	193.6	228.2	263.1	296.1	330.6
-62.5°	30.6	42.0	54.6	70.6	93.0	116.9	146.6	178.2	210.0	238.1	263.2
-65°	27.5	30.7	39.5	50.6	61.2	82.3	104.6	127.0	154.4	179.0	201.8
-67.5°	24.3	27.2	30.1	34.5	44.3	55.4	66.8	86.3	105.9	122.9	139.9
-70°	22.3	24.0	26.3	28.8	31.5	36.6	46.3	56.2	66.3	78.2	93.0
-72.5°	20.4	21.9	23.4	24.9	27.2	29.9	32.8	35.7	41.6	49.5	57.7
-75°	18.7	19.8	21.2	22.5	23.9	25.6	27.4	29.8	32.1	34.2	36.0
-77.5°	17.3	18.1	19.0	20.1	21.2	22.5	23.8	25.2	26.6	28.2	29.9
-80°	15.6	16.3	16.9	17.6	18.4	19.2	20.2	21.2	21.9	22.7	23.6
-82.5°	13.6	14.1	14.6	15.1	15.5	16.0	16.4	17.0	17.3	17.6	17.9
-85°	11.7	11.9	12.2	12.5	12.9	13.2	13.4	13.7	13.6	13.5	13.4
-87.5°	10.3	10.4	10.5	10.6	10.9	11.1	11.3	11.5	11.2	11.0	10.7
-90°	7.0	6.7	6.3	5.9	5.6	5.2	4.9	4.5	4.5	4.5	4.5



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.4	10.4	10.4	10.4	10.4	14.5	18.5	22.6	26.7	36.7	46.7
87.5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.5	1.5
85°	4.5	4.1	3.8	3.4	3.0	2.9	2.9	2.9	2.9	2.6	2.2
82.5°	4.5	4.3	4.2	4.1	4.1	3.9	3.6	3.3	3.0	2.6	2.3
80°	4.9	4.9	4.8	4.7	4.5	4.2	3.8	3.4	3.0	3.0	3.0
77.5°	6.1	5.9	5.6	5.1	4.6	4.4	4.3	4.2	4.2	4.0	3.7
75°	7.3	7.2	7.1	6.7	6.1	5.9	5.9	5.8	5.7	5.4	5.1
72.5°	11.8	12.0	11.4	11.0	10.1	9.8	9.8	9.7	9.5	9.3	9.2
70°	19.6	19.9	19.2	17.8	15.6	14.0	13.4	12.7	11.8	12.0	12.7
67.5°	28.4	26.4	24.4	21.9	18.7	16.3	15.2	13.9	12.5	11.8	11.5
65°	34.5	27.3	23.3	20.5	18.8	17.0	15.0	13.3	11.7	10.6	10.0
62.5°	32.9	23.3	19.1	17.1	15.6	14.4	12.5	10.8	9.3	8.3	8.3
60°	28.2	19.5	14.9	13.4	11.9	10.5	9.5	8.6	7.9	7.5	7.9
57.5°	22.0	15.3	11.8	11.2	10.4	9.4	8.8	8.5	8.0	7.4	7.9
55°	16.1	13.5	12.0	11.5	11.1	10.6	10.1	9.4	8.8	8.4	8.6
52.5°	13.9	13.1	13.1	12.9	12.0	11.2	10.3	10.2	10.1	9.9	10.0
50°	13.6	13.5	13.5	13.2	12.4	12.0	11.8	11.7	11.6	11.4	11.5
47.5°	13.9	14.1	14.1	13.5	13.3	13.5	13.4	13.3	13.5	13.6	13.9
45°	15.2	15.7	15.9	16.1	15.7	16.1	16.2	16.0	18.5	18.7	17.6
42.5°	18.5	20.5	22.0	21.4	19.6	23.5	29.3	31.9	29.3	25.5	23.0
40°	26.4	28.9	29.9	31.9	39.7	45.7	40.2	34.6	32.3	34.2	35.9
37.5°	36.9	40.2	49.6	61.6	57.2	46.6	47.7	48.2	47.1	50.2	50.6
35°	54.0	69.3	80.6	77.0	71.6	70.6	73.1	73.9	66.7	70.0	71.2
32.5°	86.5	105.1	106.0	101.3	103.9	104.4	111.6	106.7	100.6	103.7	111.9
30°	124.9	143.3	150.0	141.4	125.8	134.6	142.0	139.8	144.1	156.8	170.2
27.5°	184.9	196.8	208.0	190.7	159.6	173.3	178.6	173.2	202.7	218.7	250.2
25°	256.6	270.0	278.7	264.3	242.9	231.8	248.6	261.2	297.3	332.5	381.9
22.5°	334.5	370.8	381.1	343.6	343.6	343.4	349.9	392.9	441.5	519.1	649.4
20°	425.4	497.5	555.2	517.0	468.1	501.2	542.0	594.7	733.2	1085.4	1485.9
17.5°	747.6	697.1	803.2	806.7	736.3	813.4	960.2	1149.3	1733.6	3530.5	4708.4
15°	1272.2	1218.9	1152.9	1156.3	1225.8	1377.0	1677.5	2723.8	5304.9	9140.0	13103.6
12.5°	1807.7	1727.8	1630.6	1604.9	1756.6	2061.1	3478.5	7784.0	13861.5	20479.9	37457.5
10°	2230.2	2187.7	2098.1	2165.0	2418.4	3312.6	6211.4	13678.9	26220.1	48146.7	75201.8
7.5°	2478.2	2462.0	2486.1	2682.5	3095.6	5449.9	11823.4	22923.6	43589.9	76817.0	125559.4
5°	2727.0	2740.6	2813.9	3084.1	3612.8	6932.2	16687.3	31855.3	63115.1	111956.9	187438.0
2.5°	3002.9	3015.3	3113.8	3454.0	4059.0	7164.0	17844.9	37543.4	80024.3	144028.8	244084.1
0°	3320.3	3249.1	3278.8	3588.8	4213.4	8355.7	20593.9	41170.0	88566.6	157350.9	259402.0
-2.5°	3433.0	3280.7	3252.8	3514.7	4062.2	7404.6	18396.3	38284.1	81346.6	144153.1	241884.1
-5°	3356.6	3148.4	3065.1	3279.3	3799.0	6492.8	15468.3	34835.8	72223.2	123315.9	204963.1
-7.5°	3166.4	2966.9	2844.1	3005.3	3459.0	5350.1	11848.6	26380.1	52570.2	91240.4	145601.0
-10°	3003.2	2811.9	2624.8	2676.5	2990.7	3982.4	7376.3	17279.4	34732.4	61589.8	92569.1
-12.5°	2862.0	2701.6	2421.5	2336.4	2512.4	2977.9	5148.2	11777.5	22216.5	34937.8	56653.7
-15°	2715.8	2584.5	2304.6	2169.9	2232.7	2459.5	3047.4	5656.9	12164.7	20706.6	30061.6
-17.5°	2553.7	2463.5	2295.3	2096.3	2011.2	2102.4	2383.2	3189.1	5406.0	10729.5	16562.6
-20°	2443.8	2393.7	2270.3	2095.6	1986.2	1944.1	2041.5	2288.3	2832.7	4873.1	7386.0



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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°	2306.3	2285.5	2202.1	2152.2	2072.2	1981.8	1896.4	1972.9	2153.6	2431.7	3300.0
-25°	2176.2	2181.3	2186.7	2252.5	2239.7	2113.4	1951.3	1835.3	1896.1	1983.2	2159.0
-27.5°	2032.2	2103.7	2214.7	2338.4	2396.0	2289.2	2098.2	1924.3	1872.4	1821.5	1895.8
-30°	1905.7	2051.3	2170.1	2321.4	2420.6	2388.8	2290.3	2173.0	2046.0	1957.7	1928.7
-32.5°	1579.3	1982.9	2092.8	2214.4	2362.6	2409.7	2398.5	2353.4	2299.1	2236.8	2172.4
-35°	1227.4	1675.4	2044.1	2114.0	2210.8	2350.5	2460.5	2468.1	2461.1	2438.2	2420.9
-37.5°	866.8	1293.2	1681.6	1993.4	2109.5	2202.6	2371.0	2499.7	2572.9	2567.1	2568.8
-40°	719.8	837.3	1227.9	1588.3	1855.4	2104.3	2238.7	2407.1	2541.0	2595.6	2637.2
-42.5°	694.5	739.9	786.6	1056.9	1400.7	1702.0	1933.7	2147.6	2336.6	2471.4	2578.5
-45°	676.5	707.4	742.8	787.6	836.0	1105.1	1404.5	1682.9	1864.8	2046.8	2236.7
-47.5°	675.8	683.3	708.4	740.0	770.8	814.4	864.4	932.3	1133.7	1316.5	1509.5
-50°	655.6	686.2	694.6	704.2	724.0	747.9	771.5	795.9	818.9	833.3	852.9
-52.5°	596.0	635.5	672.5	701.3	708.8	716.1	722.9	738.7	754.1	766.8	781.3
-55°	524.0	565.8	606.5	639.7	669.6	697.7	718.8	722.3	726.9	732.5	741.3
-57.5°	446.1	486.7	525.3	560.1	592.7	623.2	645.0	661.3	676.5	691.0	709.7
-60°	365.9	401.8	437.0	470.6	502.9	533.5	553.7	570.2	584.6	598.8	618.1
-62.5°	287.3	314.8	346.7	377.0	405.0	431.4	452.3	470.0	484.7	499.6	517.5
-65°	223.4	243.9	267.4	289.6	310.3	334.6	357.2	375.8	390.6	405.2	421.2
-67.5°	159.4	178.4	200.4	221.0	240.3	258.9	277.8	295.6	312.1	328.8	345.4
-70°	106.5	119.9	135.9	153.4	171.5	188.3	204.5	220.1	234.9	249.7	263.9
-72.5°	66.0	74.4	83.3	95.0	107.1	118.9	130.4	141.9	153.2	166.6	179.9
-75°	37.7	41.0	47.8	54.2	60.4	66.1	71.0	75.2	78.7	86.5	95.2
-77.5°	31.6	33.3	35.1	36.8	38.6	41.0	43.7	46.5	49.3	55.7	62.6
-80°	24.7	25.8	27.0	28.3	29.6	31.5	33.3	35.1	36.9	41.5	46.4
-82.5°	18.2	18.8	19.3	19.7	20.2	21.6	23.1	24.5	25.9	29.7	33.6
-85°	13.2	13.4	13.6	13.8	14.0	15.2	16.5	17.7	19.0	22.7	26.5
-87.5°	10.4	10.4	10.4	10.4	10.4	11.7	13.0	14.1	15.2	19.3	23.3
-90°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.5	1.5



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	56.8	66.8	56.4	46.0	56.4	66.8	56.8	46.7	36.7	26.7	22.6
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
85°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
82.5°	1.9	1.5	2.2	3.0	2.2	1.5	1.9	2.3	2.6	3.0	3.3
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4
77.5°	3.4	3.0	3.0	3.0	3.0	3.0	3.4	3.7	4.0	4.2	4.2
75°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.1	5.4	5.7	5.8
72.5°	9.1	8.8	8.9	8.9	8.9	8.8	9.1	9.2	9.3	9.5	9.7
70°	13.6	14.5	14.8	14.8	14.8	14.5	13.6	12.7	12.0	11.8	12.7
67.5°	11.1	10.6	10.4	10.4	10.4	10.6	11.1	11.5	11.8	12.5	13.9
65°	9.5	9.0	8.9	8.9	8.9	9.0	9.5	10.0	10.6	11.7	13.3
62.5°	8.5	8.8	8.9	8.9	8.9	8.8	8.5	8.3	8.3	9.3	10.8
60°	8.4	8.8	8.9	8.9	8.9	8.8	8.4	7.9	7.5	7.9	8.6
57.5°	8.3	8.8	8.9	8.9	8.9	8.8	8.3	7.9	7.4	8.0	8.5
55°	8.8	8.9	9.5	10.4	9.5	8.9	8.8	8.6	8.4	8.8	9.4
52.5°	10.2	10.3	10.4	10.4	10.4	10.3	10.2	10.0	9.9	10.1	10.2
50°	11.7	11.8	11.9	11.9	11.9	11.8	11.7	11.5	11.4	11.6	11.7
47.5°	14.3	14.6	14.7	14.8	14.7	14.6	14.3	13.9	13.6	13.5	13.3
45°	17.9	17.8	17.7	17.8	17.7	17.8	17.9	17.6	18.7	18.5	16.0
42.5°	23.8	24.5	25.0	25.2	25.0	24.5	23.8	23.0	25.5	29.3	31.9
40°	37.7	38.3	37.9	37.1	37.9	38.3	37.7	35.9	34.2	32.3	34.6
37.5°	51.3	52.3	53.0	53.4	53.0	52.3	51.3	50.6	50.2	47.1	48.2
35°	71.9	72.8	72.3	74.2	72.3	72.8	71.9	71.2	70.0	66.7	73.9
32.5°	117.3	117.9	114.2	115.7	114.2	117.9	117.3	111.9	103.7	100.6	106.7
30°	179.6	187.8	192.8	198.8	192.8	187.8	179.6	170.2	156.8	144.1	139.8
27.5°	273.4	293.6	306.8	314.5	306.8	293.6	273.4	250.2	218.7	202.7	173.2
25°	426.9	457.6	474.1	486.6	474.1	457.6	426.9	381.9	332.5	297.3	261.2
22.5°	829.2	946.5	1012.1	1074.1	1012.1	946.5	829.2	649.4	519.1	441.5	392.9
20°	2126.2	2263.2	2521.3	2680.9	2521.3	2263.2	2126.2	1485.9	1085.4	733.2	594.7
17.5°	7162.6	9131.6	9499.2	9776.9	9499.2	9131.6	7162.6	4708.4	3530.5	1733.6	1149.3
15°	21330.3	27174.3	28747.2	30086.0	28747.2	27174.3	21330.3	13103.6	9140.0	5304.9	2723.8
12.5°	51500.5	67585.0	76333.5	82980.2	76333.5	67585.0	51500.5	37457.5	20479.9	13861.5	7784.0
10°	107901.1	139390.8	163291.7	177133.3	163291.7	139390.8	107901.1	75201.8	48146.7	26220.1	13678.9
7.5°	183751.3	237123.8	268323.2	284204.1	268323.2	237123.8	183751.3	125559.4	76817.0	43589.9	22923.6
5°	277148.5	346047.0	389589.3	413532.0	389589.3	346047.0	277148.5	187438.0	111956.9	63115.1	31855.3
2.5°	346184.9	434575.0	499843.5	530544.5	499843.5	434575.0	346184.9	244084.1	144028.8	80024.3	37543.4
0°	371181.9	463916.6	538528.5	583226.5	538528.5	463916.6	371181.9	259402.0	157350.9	88566.6	41170.0
-2.5°	347319.1	434377.0	492489.5	519531.7	492489.5	434377.0	347319.1	241884.1	144153.1	81346.6	38284.1
-5°	295345.5	370613.4	412374.2	430051.9	412374.2	370613.4	295345.5	204963.1	123315.9	72223.2	34835.8
-7.5°	209542.5	266957.2	296308.6	313721.1	296308.6	266957.2	209542.5	145601.0	91240.4	52570.2	26380.1
-10°	131927.2	164203.4	192279.9	204980.5	192279.9	164203.4	131927.2	92569.1	61589.8	34732.4	17279.4
-12.5°	76616.4	97051.0	113478.9	120457.4	113478.9	97051.0	76616.4	56653.7	34937.8	22216.5	11777.5
-15°	42340.4	53507.3	61070.8	64029.3	61070.8	53507.3	42340.4	30061.6	20706.6	12164.7	5656.9
-17.5°	23544.5	28963.3	31113.1	34560.5	31113.1	28963.3	23544.5	16562.6	10729.5	5406.0	3189.1
-20°	11534.7	14344.4	15245.3	17677.1	15245.3	14344.4	11534.7	7386.0	4873.1	2832.7	2288.3



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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°	4480.5	5143.6	5291.4	6444.8	5291.4	5143.6	4480.5	3300.0	2431.7	2153.6	1972.9
-25°	2326.8	2438.6	2490.6	2626.0	2490.6	2438.6	2326.8	2159.0	1983.2	1896.1	1835.3
-27.5°	1956.0	2010.2	2053.4	2118.6	2053.4	2010.2	1956.0	1895.8	1821.5	1872.4	1924.3
-30°	1906.4	1896.8	1898.1	1904.9	1898.1	1896.8	1906.4	1928.7	1957.7	2046.0	2173.0
-32.5°	2121.0	2088.1	2071.8	2010.3	2071.8	2088.1	2121.0	2172.4	2236.8	2299.1	2353.4
-35°	2410.5	2407.7	2409.8	2381.2	2409.8	2407.7	2410.5	2420.9	2438.2	2461.1	2468.1
-37.5°	2569.6	2574.2	2579.9	2571.1	2579.9	2574.2	2569.6	2568.8	2567.1	2572.9	2499.7
-40°	2651.6	2665.1	2674.5	2672.0	2674.5	2665.1	2651.6	2637.2	2595.6	2541.0	2407.1
-42.5°	2631.9	2665.0	2681.4	2686.8	2681.4	2665.0	2631.9	2578.5	2471.4	2336.6	2147.6
-45°	2410.6	2545.7	2627.1	2649.7	2627.1	2545.7	2410.6	2236.7	2046.8	1864.8	1682.9
-47.5°	1726.8	1926.7	2114.2	2278.8	2114.2	1926.7	1726.8	1509.5	1316.5	1133.7	932.3
-50°	877.4	900.0	946.1	1013.3	946.1	900.0	877.4	852.9	833.3	818.9	795.9
-52.5°	795.7	808.7	821.6	833.8	821.6	808.7	795.7	781.3	766.8	754.1	738.7
-55°	749.8	757.7	763.8	768.5	763.8	757.7	749.8	741.3	732.5	726.9	722.3
-57.5°	725.8	739.1	750.5	759.6	750.5	739.1	725.8	709.7	691.0	676.5	661.3
-60°	635.1	649.7	663.4	675.0	663.4	649.7	635.1	618.1	598.8	584.6	570.2
-62.5°	532.9	545.8	559.2	571.2	559.2	545.8	532.9	517.5	499.6	484.7	470.0
-65°	435.5	447.9	459.1	468.8	459.1	447.9	435.5	421.2	405.2	390.6	375.8
-67.5°	360.9	375.1	389.2	402.1	389.2	375.1	360.9	345.4	328.8	312.1	295.6
-70°	276.9	288.6	298.6	307.1	298.6	288.6	276.9	263.9	249.7	234.9	220.1
-72.5°	192.0	202.9	215.4	227.0	215.4	202.9	192.0	179.9	166.6	153.2	141.9
-75°	103.5	111.5	119.0	126.1	119.0	111.5	103.5	95.2	86.5	78.7	75.2
-77.5°	69.5	76.4	81.3	86.0	81.3	76.4	69.5	62.6	55.7	49.3	46.5
-80°	51.3	56.0	60.0	63.8	60.0	56.0	51.3	46.4	41.5	36.9	35.1
-82.5°	37.5	41.4	44.5	47.5	44.5	41.4	37.5	33.6	29.7	25.9	24.5
-85°	30.3	34.0	37.1	40.1	37.1	34.0	30.3	26.5	22.7	19.0	17.7
-87.5°	27.3	31.3	33.4	35.6	33.4	31.3	27.3	23.3	19.3	15.2	14.1
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.5	14.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
87.5°	2.3	2.6	3.0	3.4	3.8	4.1	4.5	4.5	4.5	4.5	4.5
85°	2.9	2.9	3.0	3.4	3.8	4.1	4.5	4.7	4.9	5.0	5.1
82.5°	3.6	3.9	4.1	4.1	4.2	4.3	4.5	4.9	5.2	5.6	5.9
80°	3.8	4.2	4.5	4.7	4.8	4.9	4.9	5.1	5.3	5.6	6.0
77.5°	4.3	4.4	4.6	5.1	5.6	5.9	6.1	6.3	6.5	6.6	6.7
75°	5.9	5.9	6.1	6.7	7.1	7.2	7.3	7.1	7.1	7.3	7.4
72.5°	9.8	9.8	10.1	11.0	11.4	12.0	11.8	10.8	9.7	8.3	7.4
70°	13.4	14.0	15.6	17.8	19.2	19.9	19.6	18.2	15.6	13.5	11.5
67.5°	15.2	16.3	18.7	21.9	24.4	26.4	28.4	29.3	28.2	25.4	18.8
65°	15.0	17.0	18.8	20.5	23.3	27.3	34.5	38.1	39.0	37.5	29.2
62.5°	12.5	14.4	15.6	17.1	19.1	23.3	32.9	40.7	46.7	46.5	37.0
60°	9.5	10.5	11.9	13.4	14.9	19.5	28.2	38.6	50.5	47.7	40.8
57.5°	8.8	9.4	10.4	11.2	11.8	15.3	22.0	31.3	42.4	42.5	39.7
55°	10.1	10.6	11.1	11.5	12.0	13.5	16.1	21.8	30.1	32.3	31.8
52.5°	10.3	11.2	12.0	12.9	13.1	13.1	13.9	17.0	19.5	22.8	24.3
50°	11.8	12.0	12.4	13.2	13.5	13.5	13.6	14.4	16.1	17.6	18.6
47.5°	13.4	13.5	13.3	13.5	14.1	14.1	13.9	13.9	15.2	15.8	16.6
45°	16.2	16.1	15.7	16.1	15.9	15.7	15.2	15.8	15.9	16.3	16.3
42.5°	29.3	23.5	19.6	21.4	22.0	20.5	18.5	19.0	18.6	17.9	19.1
40°	40.2	45.7	39.7	31.9	29.9	28.9	26.4	23.7	22.8	21.2	23.6
37.5°	47.7	46.6	57.2	61.6	49.6	40.2	36.9	31.9	28.4	29.3	31.0
35°	73.1	70.6	71.6	77.0	80.6	69.3	54.0	43.8	38.2	39.4	40.0
32.5°	111.6	104.4	103.9	101.3	106.0	105.1	86.5	65.0	56.0	53.1	50.7
30°	142.0	134.6	125.8	141.4	150.0	143.3	124.9	110.5	90.9	69.8	63.3
27.5°	178.6	173.3	159.6	190.7	208.0	196.8	184.9	171.5	136.5	102.9	82.7
25°	248.6	231.8	242.9	264.3	278.7	270.0	256.6	238.0	201.3	152.1	124.5
22.5°	349.9	343.4	343.6	343.6	381.1	370.8	334.5	307.5	300.3	277.9	208.0
20°	542.0	501.2	468.1	517.0	555.2	497.5	425.4	458.0	514.3	461.7	322.0
17.5°	960.2	813.4	736.3	806.7	803.2	697.1	747.6	769.8	769.5	690.4	459.1
15°	1677.5	1377.0	1225.8	1156.3	1152.9	1218.9	1272.2	1134.7	1063.1	937.8	683.0
12.5°	3478.5	2061.1	1756.6	1604.9	1630.6	1727.8	1807.7	1614.9	1406.3	1296.9	1059.9
10°	6211.4	3312.6	2418.4	2165.0	2098.1	2187.7	2230.2	2038.3	1799.9	1692.9	1462.0
7.5°	11823.4	5449.9	3095.6	2682.5	2486.1	2462.0	2478.2	2364.6	2170.4	2074.9	1877.5
5°	16687.3	6932.2	3612.8	3084.1	2813.9	2740.6	2727.0	2631.7	2522.1	2445.1	2291.4
2.5°	17844.9	7164.0	4059.0	3454.0	3113.8	3015.3	3002.9	2850.7	2757.3	2641.8	2473.0
0°	20593.9	8355.7	4213.4	3588.8	3278.8	3249.1	3320.3	3051.8	2939.0	2801.0	2623.0
-2.5°	18396.3	7404.6	4062.2	3514.7	3252.8	3280.7	3433.0	3231.7	3062.7	2855.7	2589.1
-5°	15468.3	6492.8	3799.0	3279.3	3065.1	3148.4	3356.6	3259.9	3087.2	2866.8	2507.8
-7.5°	11848.6	5350.1	3459.0	3005.3	2844.1	2966.9	3166.4	3109.3	2926.0	2737.2	2341.7
-10°	7376.3	3982.4	2990.7	2676.5	2624.8	2811.9	3003.2	2936.9	2766.6	2604.4	2148.6
-12.5°	5148.2	2977.9	2512.4	2336.4	2421.5	2701.6	2862.0	2750.0	2614.0	2472.7	1936.2
-15°	3047.4	2459.5	2232.7	2169.9	2304.6	2584.5	2715.8	2607.8	2502.6	2344.0	1711.5
-17.5°	2383.2	2102.4	2011.2	2096.3	2295.3	2463.5	2553.7	2494.6	2371.6	2129.8	1441.5
-20°	2041.5	1944.1	1986.2	2095.6	2270.3	2393.7	2443.8	2370.4	2213.3	1795.7	1166.3



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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°	1896.4	1981.8	2072.2	2152.2	2202.1	2285.5	2306.3	2223.9	2034.4	1442.8	898.6
-25°	1951.3	2113.4	2239.7	2252.5	2186.7	2181.3	2176.2	2059.2	1679.2	1117.0	673.7
-27.5°	2098.2	2289.2	2396.0	2338.4	2214.7	2103.7	2032.2	1856.2	1314.9	860.7	633.6
-30°	2290.3	2388.8	2420.6	2321.4	2170.1	2051.3	1905.7	1457.8	1013.7	664.8	603.9
-32.5°	2398.5	2409.7	2362.6	2214.4	2092.8	1982.9	1579.3	1093.4	733.0	633.2	588.3
-35°	2460.5	2350.5	2210.8	2114.0	2044.1	1675.4	1227.4	815.6	653.7	606.1	576.1
-37.5°	2371.0	2202.6	2109.5	1993.4	1681.6	1293.2	866.8	688.1	626.4	592.4	572.3
-40°	2238.7	2104.3	1855.4	1588.3	1227.9	837.3	719.8	662.5	619.3	585.0	572.9
-42.5°	1933.7	1702.0	1400.7	1056.9	786.6	739.9	694.5	650.8	617.4	594.0	546.8
-45°	1404.5	1105.1	836.0	787.6	742.8	707.4	676.5	650.4	628.0	573.3	512.5
-47.5°	864.4	814.4	770.8	740.0	708.4	683.3	675.8	660.0	597.4	536.8	475.6
-50°	771.5	747.9	724.0	704.2	694.6	686.2	655.6	612.1	551.4	490.8	432.4
-52.5°	722.9	716.1	708.8	701.3	672.5	635.5	596.0	549.5	495.5	437.5	381.2
-55°	718.8	697.7	669.6	639.7	606.5	565.8	524.0	479.8	431.0	377.5	328.7
-57.5°	645.0	623.2	592.7	560.1	525.3	486.7	446.1	404.3	364.0	319.0	275.7
-60°	553.7	533.5	502.9	470.6	437.0	401.8	365.9	330.6	296.1	263.1	228.2
-62.5°	452.3	431.4	405.0	377.0	346.7	314.8	287.3	263.2	238.1	210.0	178.2
-65°	357.2	334.6	310.3	289.6	267.4	243.9	223.4	201.8	179.0	154.4	127.0
-67.5°	277.8	258.9	240.3	221.0	200.4	178.4	159.4	139.9	122.9	105.9	86.3
-70°	204.5	188.3	171.5	153.4	135.9	119.9	106.5	93.0	78.2	66.3	56.2
-72.5°	130.4	118.9	107.1	95.0	83.3	74.4	66.0	57.7	49.5	41.6	35.7
-75°	71.0	66.1	60.4	54.2	47.8	41.0	37.7	36.0	34.2	32.1	29.8
-77.5°	43.7	41.0	38.6	36.8	35.1	33.3	31.6	29.9	28.2	26.6	25.2
-80°	33.3	31.5	29.6	28.3	27.0	25.8	24.7	23.6	22.7	21.9	21.2
-82.5°	23.1	21.6	20.2	19.7	19.3	18.8	18.2	17.9	17.6	17.3	17.0
-85°	16.5	15.2	14.0	13.8	13.6	13.4	13.2	13.4	13.5	13.6	13.7
-87.5°	13.0	11.7	10.4	10.4	10.4	10.4	10.4	10.7	11.0	11.2	11.5
-90°	2.3	2.6	3.0	3.4	3.8	4.1	4.5	4.5	4.5	4.5	4.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.0	9.7	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
87.5°	4.9	5.2	5.6	5.9	6.3	6.7	7.0	7.4	7.4	7.4	7.4
85°	5.2	5.4	5.6	5.9	6.3	6.7	7.0	7.4	7.4	7.4	7.4
82.5°	5.9	5.9	5.8	5.9	6.3	6.7	7.1	7.4	7.4	7.4	7.4
80°	6.2	6.4	6.4	6.4	6.5	6.7	7.1	7.4	7.4	7.4	7.4
77.5°	6.7	6.9	7.1	7.2	7.1	7.1	7.2	7.4	7.4	7.4	7.4
75°	7.4	7.3	7.3	7.5	7.5	7.4	7.3	7.5	7.5	7.4	7.4
72.5°	7.4	7.4	7.4	7.6	7.8	7.8	7.6	7.5	7.7	7.7	7.5
70°	9.5	7.8	7.4	7.6	8.0	8.3	8.3	8.1	8.0	8.0	7.9
67.5°	13.4	11.1	9.2	8.0	8.1	8.4	8.8	8.7	8.6	8.4	8.2
65°	21.5	15.6	11.7	10.1	8.9	8.5	8.9	9.2	9.1	8.9	8.6
62.5°	28.5	20.9	15.6	12.4	10.3	9.3	9.0	9.5	9.7	9.4	9.1
60°	34.2	25.5	19.7	15.9	12.5	10.2	9.6	9.7	10.0	9.9	9.5
57.5°	33.3	28.6	24.3	19.6	15.4	12.0	10.4	10.3	10.4	10.4	10.0
55°	29.6	26.4	27.3	23.8	18.7	14.4	11.8	11.0	10.9	10.8	10.6
52.5°	23.2	24.9	27.7	27.0	22.5	17.1	14.1	11.8	11.5	11.3	11.2
50°	18.5	22.4	27.3	28.8	26.0	20.7	16.3	13.6	12.2	11.8	11.9
47.5°	17.9	21.4	25.1	30.2	29.0	23.8	18.8	15.4	12.8	12.4	12.7
45°	19.4	22.2	24.3	28.2	31.6	26.1	21.2	17.1	14.3	13.3	13.5
42.5°	22.0	24.4	26.0	26.5	30.1	27.9	23.3	18.9	15.7	14.3	14.4
40°	26.0	27.6	28.5	29.0	28.9	29.2	24.6	20.5	17.1	15.6	15.3
37.5°	30.7	31.8	32.1	33.1	29.8	29.0	25.5	21.7	19.0	17.3	16.4
35°	38.8	36.9	38.1	38.7	34.8	29.7	26.0	22.6	21.2	19.0	17.4
32.5°	48.3	46.0	46.7	45.2	41.1	31.2	26.8	25.1	23.5	20.6	18.6
30°	61.4	62.7	57.3	52.7	48.2	36.9	29.6	27.9	26.0	22.2	19.8
27.5°	85.9	83.3	70.9	62.6	55.2	44.4	35.3	31.0	28.7	24.0	21.2
25°	117.3	108.0	90.9	74.3	62.9	66.9	41.8	34.5	31.4	26.1	22.5
22.5°	158.8	136.6	113.6	87.2	95.9	96.5	54.5	39.8	34.2	28.3	23.8
20°	206.3	168.5	147.5	138.5	135.5	126.2	76.3	45.5	37.1	30.6	25.0
17.5°	267.7	235.5	229.2	201.7	179.2	158.6	102.0	51.5	40.1	32.8	26.3
15°	451.7	345.1	316.4	271.1	225.5	193.3	130.6	57.7	43.3	35.1	26.8
12.5°	691.0	458.2	407.9	345.3	273.9	229.8	161.3	64.0	46.4	36.1	26.4
10°	960.0	573.5	502.3	422.7	323.6	267.2	193.0	70.0	47.8	36.0	26.0
7.5°	1246.4	689.7	598.3	501.6	372.1	302.2	224.5	75.5	49.0	35.8	25.5
5°	1506.3	784.9	674.1	561.5	410.6	333.2	254.9	80.9	50.2	35.4	25.0
2.5°	1619.3	844.9	735.0	615.3	447.4	362.6	282.8	86.0	51.2	34.8	24.4
0°	1701.7	900.5	792.2	664.7	482.2	390.2	307.1	90.5	51.9	34.1	23.7
-2.5°	1623.0	891.6	779.5	662.6	493.6	396.0	308.3	104.6	62.2	40.2	26.2
-5°	1519.4	878.2	763.7	656.2	501.9	399.4	305.4	117.7	71.9	46.0	28.6
-7.5°	1428.8	844.4	740.3	644.6	506.8	400.2	299.3	129.6	80.9	51.2	30.8
-10°	1313.7	797.9	706.6	617.8	499.5	397.9	291.3	140.2	88.9	55.8	32.6
-12.5°	1163.0	750.1	672.4	591.4	488.8	393.3	284.4	150.1	96.1	59.6	34.1
-15°	975.0	701.9	638.5	566.7	476.7	387.2	276.3	158.9	103.4	63.5	35.1
-17.5°	752.4	654.1	605.6	545.1	463.6	379.8	267.6	165.7	109.5	67.6	36.8
-20°	686.2	620.4	574.7	527.7	449.9	371.3	259.0	170.4	114.3	70.6	38.7



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	651.3	598.7	558.1	509.8	436.4	361.8	250.9	172.9	117.6	72.3	39.7
-25°	615.5	578.2	545.9	492.5	423.3	347.2	247.9	173.2	119.5	72.7	39.9
-27.5°	589.3	560.7	536.3	474.3	407.8	335.0	247.1	174.6	119.8	71.7	39.0
-30°	568.9	550.9	517.6	455.2	390.8	317.7	243.3	174.1	118.5	70.4	37.2
-32.5°	558.8	545.0	495.5	434.8	370.4	299.0	232.0	171.6	115.1	68.2	36.1
-35°	558.7	527.9	472.8	412.9	348.3	281.5	217.9	167.0	109.7	64.5	34.9
-37.5°	556.9	503.1	447.4	388.8	325.5	262.7	204.7	154.4	102.3	59.2	33.0
-40°	528.0	475.0	419.9	363.2	303.1	242.7	189.2	139.9	94.5	52.4	30.5
-42.5°	496.6	443.2	389.2	336.2	280.0	223.3	171.6	123.9	82.9	47.4	27.3
-45°	460.2	408.2	355.3	305.9	255.6	201.4	152.2	106.9	69.9	42.8	24.7
-47.5°	420.5	368.4	319.4	273.3	228.1	177.5	131.3	91.2	56.2	37.4	23.9
-50°	374.3	326.5	281.6	239.2	196.4	152.4	109.7	74.6	48.4	30.5	22.8
-52.5°	328.7	282.8	243.4	204.5	165.1	125.7	89.9	57.8	40.1	27.1	21.6
-55°	281.4	240.8	205.7	169.3	132.9	100.9	68.9	47.9	31.4	25.2	20.3
-57.5°	237.8	200.8	166.9	133.2	103.5	75.8	53.6	37.5	27.6	23.1	19.5
-60°	193.6	158.9	126.7	100.9	75.8	55.8	41.4	29.4	25.2	21.2	18.4
-62.5°	146.6	116.9	93.0	70.6	54.6	42.0	30.6	26.7	22.8	20.0	17.4
-65°	104.6	82.3	61.2	50.6	39.5	30.7	27.5	24.0	21.2	18.7	16.4
-67.5°	66.8	55.4	44.3	34.5	30.1	27.2	24.3	22.0	19.7	17.4	15.6
-70°	46.3	36.6	31.5	28.8	26.3	24.0	22.3	20.3	18.2	16.5	14.9
-72.5°	32.8	29.9	27.2	24.9	23.4	21.9	20.4	18.8	17.2	15.7	14.1
-75°	27.4	25.6	23.9	22.5	21.2	19.8	18.7	17.6	16.2	14.8	13.3
-77.5°	23.8	22.5	21.2	20.1	19.0	18.1	17.3	16.4	15.0	13.6	12.3
-80°	20.2	19.2	18.4	17.6	16.9	16.3	15.6	14.8	13.6	12.4	11.4
-82.5°	16.4	16.0	15.5	15.1	14.6	14.1	13.6	13.0	12.1	11.2	10.6
-85°	13.4	13.2	12.9	12.5	12.2	11.9	11.7	11.4	10.9	10.4	10.0
-87.5°	11.3	11.1	10.9	10.6	10.5	10.4	10.3	10.2	9.9	9.7	9.5
-90°	4.9	5.2	5.6	5.9	6.3	6.7	7.0	7.4	7.4	7.4	7.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.9	8.5	8.2	7.8	7.4	7.4	7.4
87.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
85°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
82.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
80°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
77.5°	7.4	7.5	7.4	7.4	7.4	7.4	7.4
75°	7.5	7.6	7.4	7.4	7.4	7.4	7.4
72.5°	7.6	7.9	7.7	7.4	7.4	7.4	7.4
70°	7.7	8.1	8.0	7.5	7.4	7.4	7.4
67.5°	8.1	8.3	8.3	7.8	7.4	7.4	7.4
65°	8.6	8.6	8.6	8.1	7.4	7.4	7.4
62.5°	9.0	9.0	8.9	8.4	7.4	7.4	7.4
60°	9.4	9.4	9.3	8.7	7.4	7.4	7.4
57.5°	9.9	9.7	9.6	9.0	7.6	7.4	7.4
55°	10.5	10.1	9.9	9.3	7.8	7.4	7.4
52.5°	11.0	10.5	10.2	9.6	8.0	7.4	7.4
50°	11.6	11.0	10.4	10.0	8.2	7.4	7.4
47.5°	12.2	11.5	10.7	10.3	8.3	7.4	7.4
45°	12.9	12.0	11.0	10.5	8.5	7.4	7.4
42.5°	13.7	12.5	11.3	10.7	8.6	7.4	7.4
40°	14.5	13.0	11.6	10.8	8.7	7.4	7.4
37.5°	15.3	13.5	12.0	10.8	8.8	7.4	7.4
35°	16.2	14.1	12.4	10.9	8.9	7.4	7.4
32.5°	17.1	14.8	12.8	10.9	9.0	7.4	7.4
30°	18.0	15.5	13.2	10.9	9.0	7.4	7.4
27.5°	19.0	16.2	13.3	10.9	9.1	7.4	7.4
25°	19.9	17.0	13.4	10.9	9.1	7.4	7.4
22.5°	20.9	17.4	13.3	10.9	9.2	7.4	7.4
20°	21.9	17.4	13.3	10.9	9.2	7.4	7.4
17.5°	22.0	17.3	13.2	10.9	9.2	7.4	7.4
15°	21.6	17.1	13.1	10.8	9.2	7.4	7.4
12.5°	21.1	16.8	13.0	10.8	9.1	7.4	7.4
10°	20.6	16.5	12.8	10.7	9.1	7.4	7.4
7.5°	20.0	16.1	12.6	10.7	9.1	7.4	7.4
5°	19.3	15.7	12.4	10.6	9.0	7.4	7.4
2.5°	18.6	15.3	12.1	10.5	9.0	7.4	7.4
0°	17.8	14.8	11.9	10.4	8.9	7.4	7.4
-2.5°	18.6	15.0	12.0	10.4	8.9	7.4	7.4
-5°	19.3	15.1	12.1	10.4	8.9	7.5	7.4
-7.5°	19.9	15.2	12.2	10.4	8.9	7.5	7.4
-10°	20.4	15.2	12.3	10.3	8.9	7.5	7.4
-12.5°	20.9	15.3	12.3	10.3	8.8	7.6	7.4
-15°	21.1	15.3	12.4	10.2	8.8	7.6	7.4
-17.5°	21.2	15.3	12.4	10.2	8.8	7.6	7.4
-20°	21.5	15.2	12.3	10.1	8.8	7.6	7.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.1	15.1	12.2	10.1	8.8	7.7	7.4
-25°	22.4	15.3	12.1	10.0	8.7	7.7	7.4
-27.5°	22.3	15.4	12.0	9.9	8.7	7.7	7.4
-30°	21.7	15.5	11.8	9.8	8.7	7.7	7.4
-32.5°	20.7	15.5	11.8	9.7	8.7	7.7	7.4
-35°	20.3	15.4	11.7	9.6	8.7	7.8	7.4
-37.5°	20.1	15.2	11.6	9.5	8.7	7.8	7.4
-40°	19.8	15.1	11.5	9.3	8.6	7.8	7.4
-42.5°	19.4	14.8	11.4	9.3	8.6	7.8	7.4
-45°	18.8	14.6	11.3	9.2	8.6	7.8	7.4
-47.5°	18.1	14.3	11.3	9.2	8.6	7.8	7.4
-50°	17.6	13.9	11.2	9.2	8.6	7.8	7.4
-52.5°	17.1	13.4	11.1	9.3	8.7	7.8	7.4
-55°	16.5	13.2	10.9	9.3	8.7	7.8	7.4
-57.5°	15.8	12.9	10.7	9.3	8.7	7.7	7.4
-60°	15.1	12.7	10.5	9.3	8.7	7.7	7.4
-62.5°	14.7	12.4	10.5	9.3	8.6	7.7	7.4
-65°	14.2	12.0	10.3	9.3	8.5	7.7	7.4
-67.5°	13.7	11.7	10.2	9.3	8.5	7.7	7.4
-70°	13.1	11.3	10.0	9.2	8.4	7.6	7.4
-72.5°	12.5	11.0	9.9	9.1	8.3	7.6	7.4
-75°	11.9	10.6	9.6	8.9	8.1	7.6	7.4
-77.5°	11.2	10.1	9.4	8.7	8.0	7.6	7.4
-80°	10.5	9.8	9.2	8.5	7.9	7.5	7.4
-82.5°	10.0	9.5	8.9	8.4	7.8	7.5	7.4
-85°	9.7	9.2	8.7	8.2	7.7	7.5	7.4
-87.5°	9.3	8.8	8.4	8.0	7.5	7.4	7.4
-90°	7.4	7.4	7.4	7.4	7.4	7.4	7.4

(END OF REPORT)