

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: P1306329 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-2S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

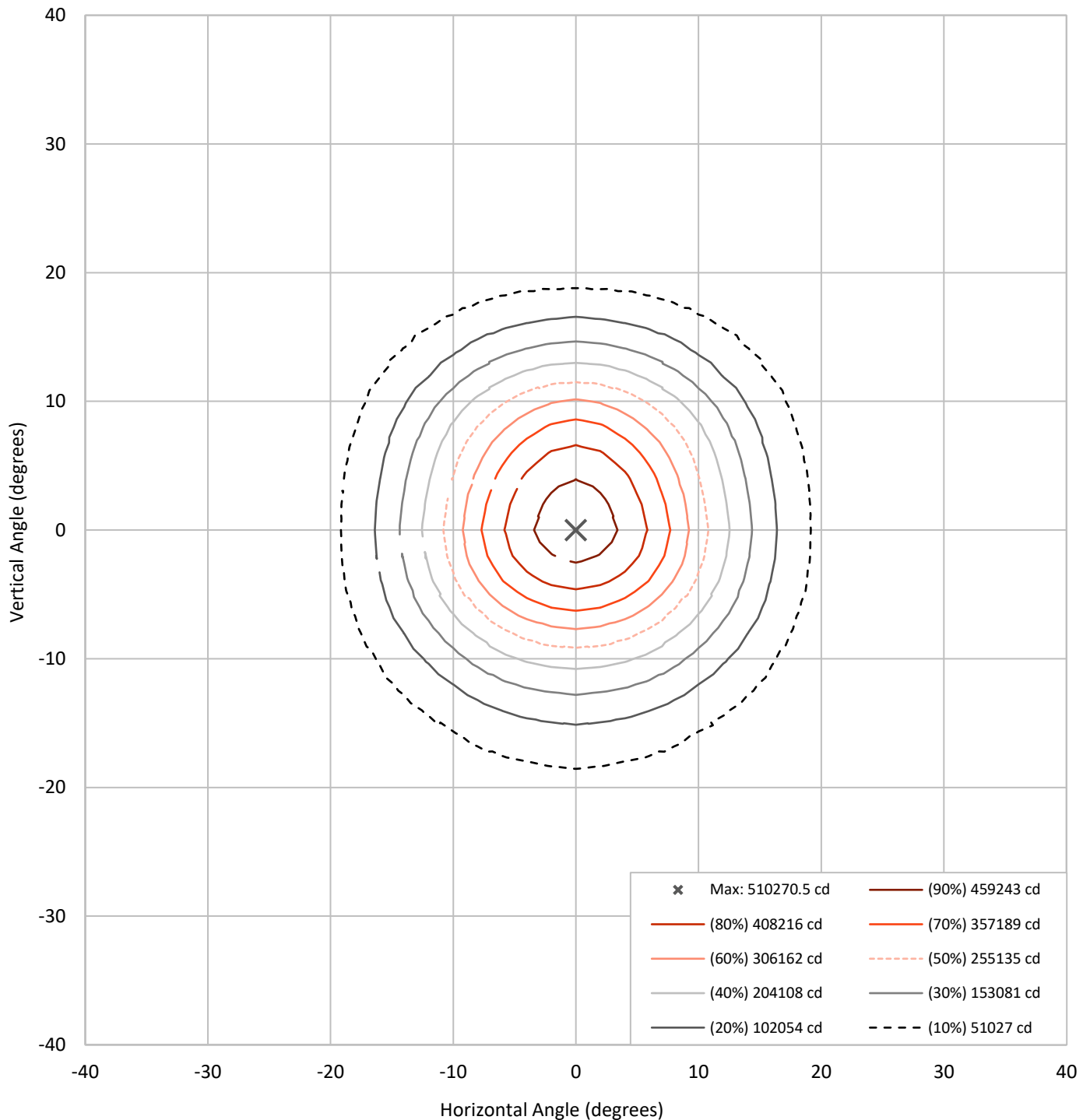
Test Method: LM-79-08  
Report Number: P1306329 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-50-70-2S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	82511.2 lumens	Max Intensity:	510270.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	38314.5 lumens	Field Lumens:	69753.1 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	711		
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





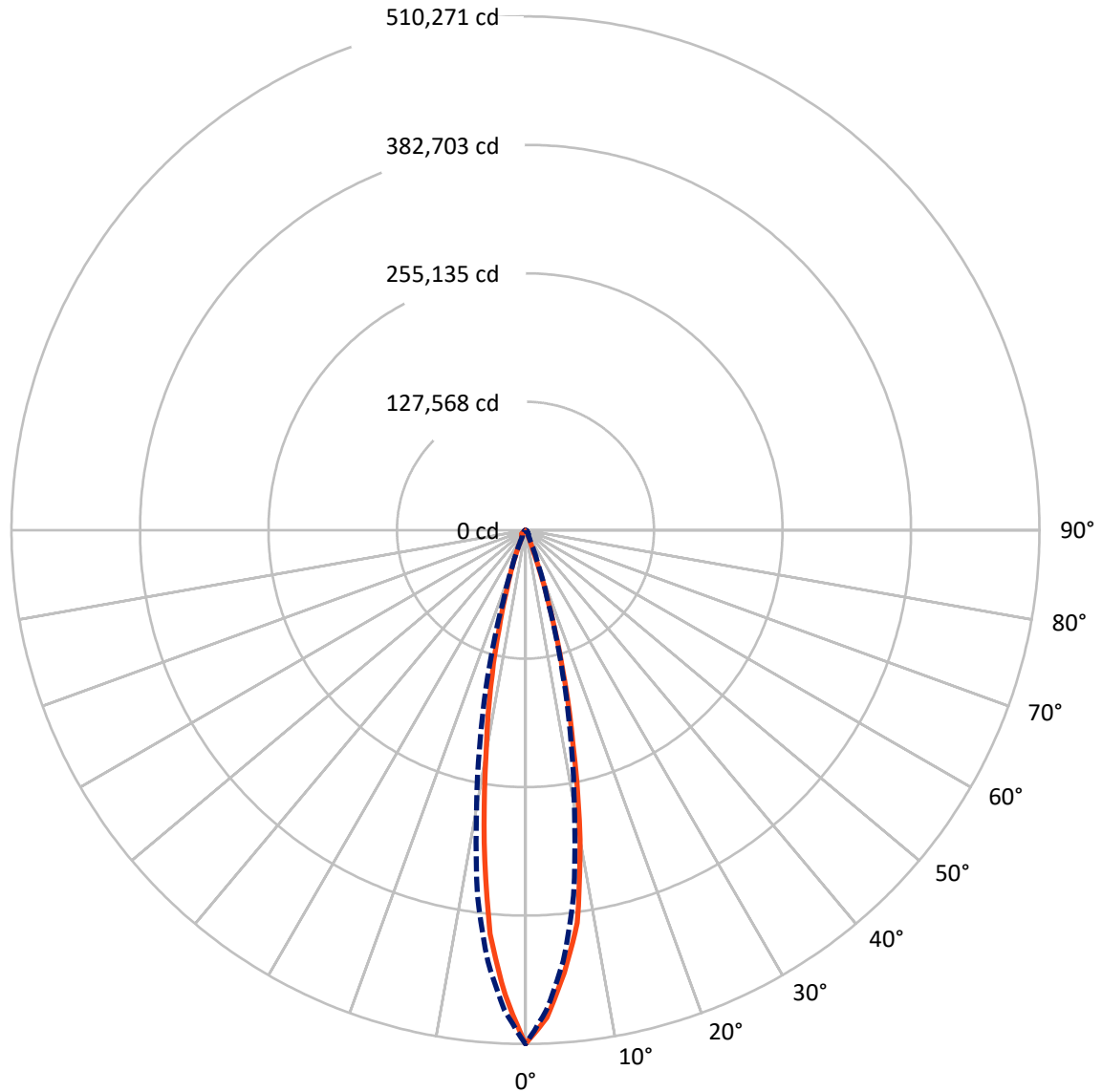
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### Lumen Table

90	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
80	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
70	0.1	0.1	0.2	0.7	0.8	0.4	0.3	0.2	0.2	0.3	0.4	0.8	0.7	0.2	0.1	0.1			
60		0.1	0.4	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.4	0.1				
50	0.2	0.2	0.5	0.5	0.6	1.1	1.9	1.2	1.2	1.9	1.1	0.6	0.5	0.5	0.2	0.2			
40		0.3	1.1	2.9	5.5	8.0	11.0	13.2	13.2	11.0	8.0	5.5	2.9	1.1	0.3				
30	0.3	0.6	5.3	16.7	39.5	59.9	103.7	196.5	196.5	103.7	59.9	39.5	16.7	5.3	0.6	0.3			
20		1.5	11.1	44.1	101.1	189.0	1234.5	3825.3	3825.3	1234.5	189.0	101.1	44.1	11.1	1.5				
10	0.4	2.4	14.4	59.2	120.1	378.6	3628.3	10874.2	10874.2	3628.3	378.6	120.1	59.2	14.4	2.4	0.4			
0		3.0	15.4	59.4	119.8	360.9	3412.5	9889.9	9889.9	3412.5	360.9	119.8	59.4	15.4	3.0				
-10	0.7	3.5	14.7	47.5	101.3	175.6	1003.8	2906.8	2906.8	1003.8	175.6	101.3	47.5	14.7	3.5	0.7			
-20		3.6	13.9	33.7	90.7	135.5	205.8	397.9	397.9	205.8	135.5	90.7	33.7	13.9	3.6				
-30	0.6	3.2	12.0	25.4	63.3	131.5	170.9	191.0	191.0	170.9	131.5	63.3	25.4	12.0	3.2	0.6			
-40		2.2	8.9	20.8	37.4	63.4	108.4	144.5	144.5	108.4	63.4	37.4	20.8	8.9	2.2				
-50	0.4	1.1	5.3	13.8	26.7	40.4	52.6	59.5	59.5	52.6	40.4	26.7	13.8	5.3	1.1	0.4			
-60		0.5	1.8	5.6	11.7	18.8	25.8	29.9	29.9	25.8	18.8	11.7	5.6	1.8	0.5				
-70	0.2	1.3	4.0	9.3	12.5	9.3	4.0	1.3	0.2						0.2				
-80		1.3	4.0	9.3	12.5	9.3	4.0	1.3	0.2										
-90	0.2	1.3	4.0	9.3	12.5	9.3	4.0	1.3	0.2						0.2				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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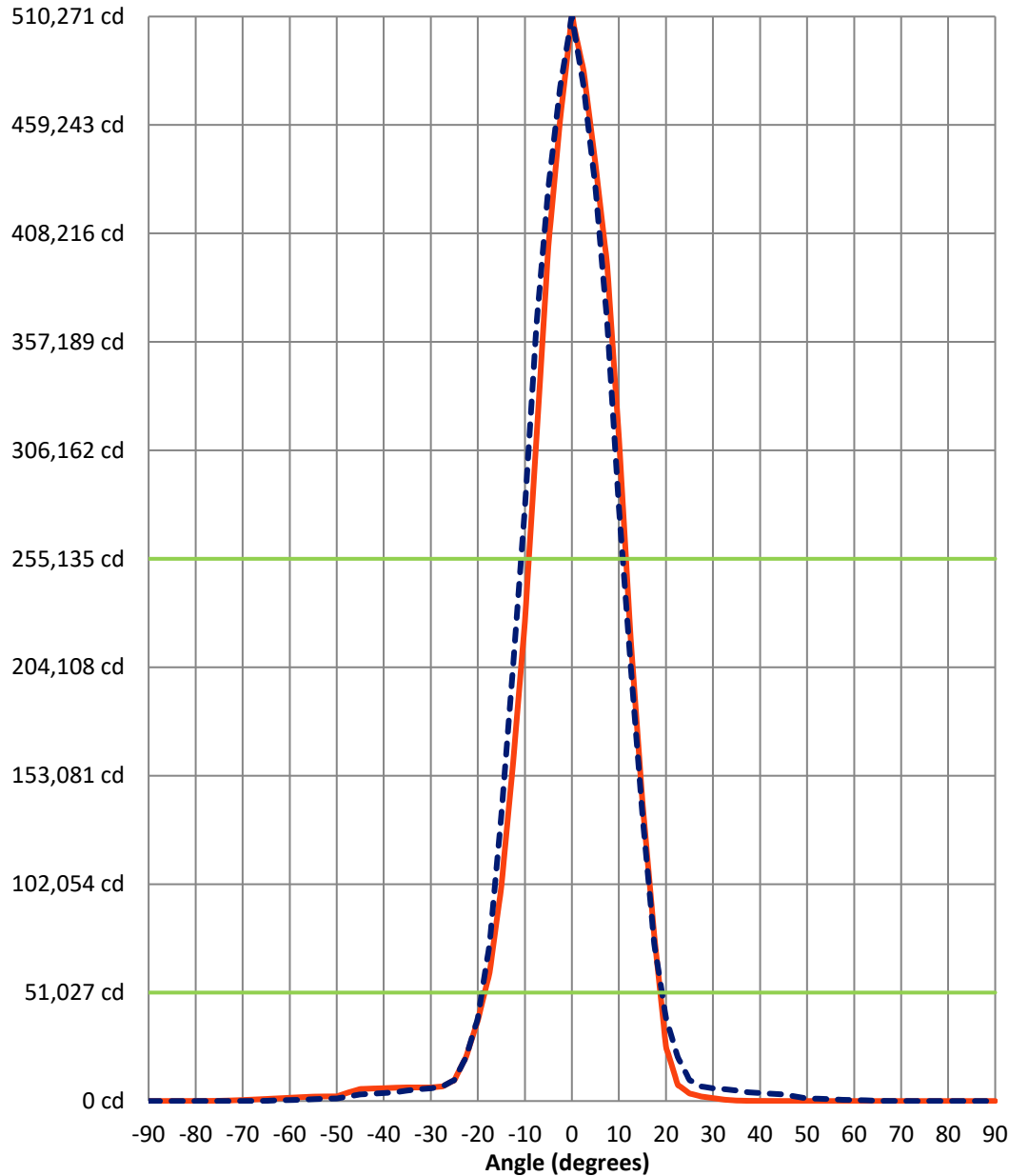
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.6°  
V Angle: 20.7°  
Lumens: 38314.5  
Efficiency: 46.4%

**Field:**  
H Angle: 38.3°  
V Angle: 37.3°  
Lumens: 69753.1  
Efficiency: 84.5%

**Spill:**  
Lumens: 12758.1  
Efficiency: 15.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.1	7.1	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1
87.5°	6.1	6.1	6.1	5.6	5.2	4.9	4.5	4.5	4.4	4.2	4.0
85°	6.1	6.2	6.1	5.7	5.4	5.2	5.1	5.0	4.7	4.4	4.0
82.5°	6.1	6.2	6.1	5.8	5.6	5.6	5.6	5.4	5.1	4.8	4.6
80°	6.1	6.3	6.1	5.9	5.8	5.9	6.1	5.7	5.5	5.4	5.5
77.5°	6.1	6.3	6.1	5.9	6.0	6.1	6.1	5.9	5.8	6.0	6.1
75°	6.1	6.4	6.1	6.0	6.1	6.3	6.2	6.0	6.1	6.1	6.1
72.5°	6.1	6.4	6.2	6.1	6.3	6.4	6.2	6.1	6.1	6.1	6.1
70°	6.1	6.5	6.2	6.1	6.5	6.6	6.3	6.1	6.1	6.1	6.2
67.5°	6.1	6.5	6.2	6.3	6.7	6.7	6.3	6.1	6.1	6.4	6.3
65°	6.1	6.6	6.3	6.5	6.9	6.8	6.4	6.1	6.5	6.7	6.5
62.5°	6.1	6.6	6.3	6.7	7.1	6.9	6.4	6.5	7.0	7.1	6.6
60°	6.1	6.7	6.4	6.9	7.4	6.9	6.5	7.0	7.5	7.2	6.7
57.5°	6.1	6.7	6.5	7.2	7.4	7.0	6.9	7.6	7.7	7.2	7.3
55°	6.1	6.8	6.7	7.4	7.5	7.0	7.5	8.1	7.8	7.5	8.1
52.5°	6.1	6.8	6.9	7.6	7.5	7.2	8.0	8.3	7.9	8.2	9.0
50°	6.1	6.9	7.0	7.8	7.6	7.6	8.4	8.4	8.1	9.0	11.0
47.5°	6.1	7.0	7.1	8.0	7.6	8.0	8.9	8.5	8.8	9.7	12.9
45°	6.1	7.0	7.3	8.0	7.7	8.4	9.0	8.6	9.5	11.1	14.5
42.5°	6.1	7.1	7.4	8.1	7.7	8.7	9.0	9.0	10.2	12.3	16.7
40°	6.1	7.1	7.5	8.1	7.9	9.1	9.1	9.7	11.1	13.4	18.9
37.5°	6.1	7.2	7.6	8.2	8.2	9.5	9.2	10.4	12.3	15.0	21.0
35°	6.1	7.3	7.7	8.2	8.5	9.7	9.4	11.1	13.4	17.5	22.8
32.5°	6.1	7.3	7.8	8.3	8.8	9.7	9.6	11.9	14.5	19.9	25.3
30°	6.1	7.4	7.8	8.4	9.0	9.8	10.2	12.7	15.6	22.4	28.0
27.5°	6.1	7.5	7.9	8.5	9.3	9.9	10.8	13.6	17.0	25.0	30.8
25°	6.1	7.5	7.9	8.6	9.5	10.0	11.4	14.4	19.0	27.4	33.9
22.5°	6.1	7.6	8.0	8.8	9.6	10.1	12.0	15.2	21.0	29.8	39.4
20°	6.1	7.7	8.0	8.9	9.8	10.3	12.5	15.9	23.0	32.2	45.6
17.5°	6.1	7.7	8.0	9.0	9.9	10.5	13.1	16.7	24.8	34.7	52.4
15°	6.1	7.8	8.1	9.2	10.0	10.7	13.7	17.3	26.6	37.1	59.5
12.5°	6.1	7.8	8.1	9.4	10.0	10.9	14.2	17.9	28.1	39.5	66.9
10°	6.1	7.9	8.1	9.5	10.1	11.1	14.7	18.5	29.3	42.6	74.4
7.5°	6.1	8.0	8.1	9.7	10.1	11.4	15.1	19.0	30.3	45.8	81.9
5°	6.1	8.0	8.1	9.8	10.1	11.6	15.5	19.5	31.2	48.9	89.0
2.5°	6.1	8.1	8.1	10.0	10.1	11.9	15.9	19.9	31.8	51.9	95.4
0°	6.1	8.1	8.1	10.1	10.1	12.1	16.2	20.2	32.3	54.6	101.0
-2.5°	6.1	8.1	8.2	10.2	10.5	12.8	17.8	24.9	42.1	71.9	125.9
-5°	6.1	8.2	8.3	10.3	10.8	13.4	19.3	29.5	51.5	88.4	149.4
-7.5°	6.1	8.2	8.4	10.4	11.1	14.0	20.7	33.7	60.2	103.8	171.2
-10°	6.1	8.2	8.4	10.5	11.5	14.6	22.0	37.5	68.0	117.6	190.8
-12.5°	6.1	8.3	8.5	10.6	11.8	15.1	23.1	40.7	74.8	129.5	207.6
-15°	6.1	8.3	8.6	10.7	12.0	15.5	23.9	43.3	81.3	139.7	221.2
-17.5°	6.1	8.3	8.7	10.7	12.3	15.9	24.6	46.3	87.9	148.1	231.5
-20°	6.1	8.3	8.8	10.8	12.5	16.2	25.4	49.3	92.8	154.8	238.2



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 CATALOG NUMBER: EPH-08-680N-50-70-2S-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	8.3	8.9	10.8	12.7	16.5	26.4	51.0	95.9	159.5	241.0
-25°	6.1	8.3	8.9	10.8	12.9	16.7	26.8	51.5	97.2	162.2	239.7
-27.5°	6.1	8.3	9.0	10.8	13.0	16.9	26.6	50.6	96.4	163.1	241.5
-30°	6.1	8.3	9.1	10.8	13.1	17.0	25.7	48.3	94.8	161.9	241.0
-32.5°	6.1	8.3	9.2	10.8	13.2	17.0	24.2	46.8	92.1	157.9	237.7
-35°	6.1	8.3	9.2	10.7	13.3	16.8	23.6	45.0	87.2	150.9	231.8
-37.5°	6.1	8.3	9.3	10.7	13.4	16.7	23.3	42.2	80.1	141.0	217.5
-40°	6.1	8.3	9.4	10.6	13.4	16.8	22.9	38.3	70.8	130.3	199.8
-42.5°	6.1	8.3	9.5	10.6	13.4	16.8	22.3	33.4	63.5	115.5	179.2
-45°	6.1	8.2	9.5	10.5	13.4	16.7	21.5	29.6	56.6	98.4	156.5
-47.5°	6.1	8.2	9.6	10.5	13.3	16.6	20.6	28.4	48.3	79.7	135.0
-50°	6.1	8.2	9.6	10.5	13.2	16.4	20.2	27.0	38.3	68.2	111.4
-52.5°	6.1	8.1	9.7	10.6	13.0	16.2	19.9	25.3	33.6	55.7	86.9
-55°	6.1	8.1	9.7	10.7	12.8	15.9	19.5	23.6	31.1	42.2	71.3
-57.5°	6.1	8.0	9.8	10.7	12.6	15.6	19.1	23.0	28.5	36.5	54.6
-60°	6.1	8.0	9.8	10.7	12.3	15.2	18.5	22.2	25.9	33.0	41.3
-62.5°	6.1	7.9	9.7	10.7	12.2	14.8	17.9	21.4	24.9	29.3	36.8
-65°	6.1	7.9	9.6	10.7	12.1	14.3	17.3	20.4	23.7	27.3	32.1
-67.5°	6.1	7.8	9.5	10.6	11.9	13.8	16.6	19.4	22.4	25.7	29.4
-70°	6.1	7.7	9.3	10.5	11.6	13.4	15.8	18.4	21.1	24.1	27.3
-72.5°	6.1	7.7	9.2	10.3	11.4	12.9	15.0	17.2	19.6	22.3	25.2
-75°	6.1	7.6	9.1	10.1	11.1	12.3	14.1	16.1	18.1	20.4	22.9
-77.5°	6.1	7.5	8.9	9.9	10.8	11.8	13.2	15.0	16.8	18.6	20.6
-80°	6.1	7.4	8.8	9.6	10.5	11.3	12.2	13.8	15.5	17.2	18.8
-82.5°	6.1	7.4	8.6	9.4	10.1	10.9	11.6	12.8	14.2	15.7	17.2
-85°	6.1	7.3	8.4	9.1	9.8	10.5	11.1	12.1	13.2	14.3	15.5
-87.5°	6.1	7.2	8.3	8.9	9.4	10.0	10.6	11.4	12.1	13.0	13.8
-90°	6.1	6.1	6.1	5.6	5.1	4.5	4.0	4.0	4.0	4.0	4.0



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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°	12.1	12.1	12.1	12.1	12.6	13.1	13.6	14.1	14.6	15.2	15.7
87.5°	3.7	3.5	3.3	3.1	2.9	2.6	2.3	2.0	2.0	2.0	2.0
85°	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0	2.0
82.5°	4.6	4.5	4.3	4.0	3.5	3.0	2.6	2.3	2.3	2.3	2.2
80°	5.4	5.1	4.6	4.1	3.8	3.6	3.6	3.7	3.5	3.2	2.9
77.5°	5.7	5.2	4.7	4.1	4.1	4.4	4.8	5.1	5.0	4.8	4.6
75°	5.7	5.2	5.0	5.0	5.3	5.7	6.1	6.1	5.9	5.7	5.7
72.5°	5.9	5.7	5.7	6.1	6.1	6.1	6.1	6.1	7.8	10.0	11.5
70°	6.0	6.1	6.1	6.1	6.1	6.7	9.5	13.5	17.6	19.8	21.8
67.5°	6.1	6.1	6.1	6.4	7.8	10.8	15.3	24.1	33.4	35.7	35.4
65°	6.1	6.1	6.8	8.2	9.9	17.4	26.9	37.8	46.0	44.7	41.8
62.5°	6.1	6.9	8.3	11.2	17.2	26.1	34.7	42.5	50.3	48.9	42.1
60°	6.9	7.9	11.3	17.2	23.8	30.3	38.4	43.5	48.6	49.8	38.1
57.5°	7.9	10.3	15.9	22.1	27.7	32.4	35.5	40.0	41.7	40.5	29.7
55°	9.5	13.7	19.7	25.6	29.5	28.4	30.3	31.7	31.1	28.7	21.1
52.5°	12.4	16.8	22.8	27.7	28.2	25.6	23.9	24.1	22.3	18.9	16.4
50°	14.9	20.0	25.4	28.2	27.0	22.9	19.1	18.5	17.2	15.6	14.1
47.5°	17.5	23.0	27.4	28.8	25.0	21.4	17.7	16.4	15.5	15.9	15.0
45°	20.2	25.4	29.7	27.3	23.9	21.0	19.5	16.1	18.1	19.4	20.1
42.5°	22.8	27.4	29.3	26.1	24.2	24.1	23.8	23.0	24.1	29.1	32.0
40°	24.6	29.4	29.3	28.7	26.5	30.4	34.2	37.1	37.3	43.9	49.0
37.5°	26.4	30.2	31.8	35.9	34.0	41.3	47.6	72.8	73.9	61.1	82.8
35°	28.0	31.7	41.9	53.3	57.9	56.3	92.0	125.2	133.4	120.0	142.4
32.5°	29.7	34.0	55.5	82.3	106.8	108.4	149.2	202.1	229.9	239.3	251.7
30°	32.8	46.7	76.6	118.9	177.5	225.4	244.9	301.7	353.1	455.9	527.7
27.5°	38.6	63.2	111.6	184.3	274.1	364.6	395.6	435.2	569.7	751.8	931.8
25°	45.8	98.1	151.7	270.8	408.2	508.6	548.1	601.4	855.5	1207.3	1414.2
22.5°	64.0	143.0	212.2	370.5	556.8	648.9	700.5	891.9	1280.7	1747.9	1957.6
20°	96.9	196.4	285.9	453.8	706.1	788.2	845.9	1244.3	1810.1	2254.1	2582.9
17.5°	134.8	250.0	359.2	541.6	770.8	894.2	1015.1	1633.3	2365.0	2755.4	3142.6
15°	176.5	303.3	422.6	619.7	829.3	957.8	1275.1	2073.5	2866.7	3247.5	3633.8
12.5°	220.8	355.9	477.1	688.3	887.0	1017.0	1511.4	2387.4	3134.8	3635.7	4099.2
10°	266.0	407.1	523.6	747.6	943.0	1071.9	1732.4	2654.2	3276.8	3722.5	4247.7
7.5°	296.5	440.5	559.8	797.7	996.1	1122.3	1932.7	2874.3	3373.3	3766.0	4232.7
5°	320.6	453.2	573.7	833.4	1039.9	1162.2	2090.4	3048.2	3431.9	3772.8	4154.4
2.5°	339.8	461.7	584.5	861.1	1074.8	1187.6	2142.7	3101.8	3443.6	3772.5	4116.9
0°	353.6	466.7	592.0	880.9	1103.2	1208.3	2153.9	3113.6	3434.8	3764.2	4131.9
-2.5°	366.1	481.0	615.2	897.8	1104.4	1210.6	2143.2	3099.8	3473.6	3855.4	4294.5
-5°	373.8	492.6	634.3	906.4	1100.1	1209.2	2094.4	3044.5	3469.6	3856.9	4321.3
-7.5°	377.4	501.4	648.4	905.4	1084.9	1192.8	1964.9	2867.7	3333.2	3698.0	4185.0
-10°	378.7	512.1	657.7	886.2	1056.6	1165.3	1797.9	2657.8	3182.5	3524.2	3996.7
-12.5°	382.1	524.4	663.6	864.5	1028.4	1134.0	1608.9	2419.5	3019.0	3337.8	3781.7
-15°	381.9	533.8	666.5	842.2	1002.2	1099.0	1402.5	2156.4	2897.5	3302.4	3665.1
-17.5°	378.4	540.4	666.8	820.7	979.6	1060.3	1190.2	1924.0	2796.9	3287.8	3639.8
-20°	371.8	544.3	664.8	801.7	958.5	1044.0	1149.8	1698.8	2529.5	3236.0	3629.7



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	362.4	545.3	662.5	792.1	942.0	1049.2	1139.9	1452.1	2176.2	3150.0	3562.1
-25°	357.3	529.4	659.8	780.8	924.4	1055.5	1129.7	1224.6	1827.3	2717.7	3403.5
-27.5°	354.6	510.9	644.7	762.1	901.9	1053.9	1130.6	1210.9	1532.1	2224.0	3158.4
-30°	346.3	480.4	624.3	737.7	875.5	1024.2	1138.0	1201.0	1291.1	1827.9	2590.4
-32.5°	329.0	448.5	590.7	711.1	840.8	989.5	1130.3	1200.7	1277.6	1436.9	2052.3
-35°	310.7	423.4	552.2	678.2	798.2	942.6	1080.3	1198.1	1264.6	1347.0	1622.2
-37.5°	296.2	395.2	512.9	637.8	756.2	886.0	1024.9	1155.0	1254.6	1337.6	1442.5
-40°	278.0	363.9	476.9	594.1	710.0	829.9	959.7	1090.8	1216.5	1342.5	1438.0
-42.5°	256.0	339.5	439.4	549.4	660.6	775.8	891.7	1018.2	1164.8	1323.5	1446.1
-45°	229.9	311.2	400.2	502.1	606.5	717.4	829.5	943.6	1098.3	1261.4	1415.1
-47.5°	200.6	278.6	363.4	451.1	549.7	653.0	762.2	881.7	1017.3	1173.0	1340.5
-50°	169.6	241.9	321.1	402.5	490.5	585.9	686.9	807.6	935.1	1071.5	1222.7
-52.5°	140.3	201.7	275.0	352.7	432.4	517.9	612.5	720.4	840.1	967.1	1094.1
-55°	108.7	163.9	225.1	297.8	374.2	451.2	533.9	629.7	733.7	849.6	963.4
-57.5°	84.2	124.6	177.4	238.2	309.4	384.0	457.2	535.1	626.1	724.9	820.8
-60°	63.8	91.5	130.4	181.9	239.0	306.1	376.4	447.3	520.6	594.0	675.8
-62.5°	45.2	66.6	92.3	126.4	175.3	225.2	283.9	349.2	418.4	481.3	541.7
-65°	39.5	45.8	63.4	87.4	112.6	153.9	198.4	244.0	301.1	357.6	415.0
-67.5°	33.6	39.4	45.1	54.2	75.8	97.4	119.0	157.8	197.4	233.4	271.9
-70°	30.5	33.3	38.1	43.1	48.1	57.1	75.9	94.5	112.6	134.1	164.5
-72.5°	27.8	30.2	32.8	35.7	40.0	44.3	48.6	52.8	63.5	78.3	92.2
-75°	25.1	27.0	29.1	31.4	33.9	36.5	39.4	43.1	46.5	49.8	53.2
-77.5°	22.4	24.0	25.7	27.3	28.9	30.9	33.1	35.4	37.3	39.3	41.3
-80°	19.9	21.1	22.5	23.9	25.0	26.2	27.4	28.8	29.9	30.9	32.2
-82.5°	17.9	18.7	19.5	20.5	21.2	21.8	22.4	23.2	24.2	25.3	26.2
-85°	15.9	16.2	16.6	17.1	17.9	18.6	19.3	19.8	20.3	20.8	21.4
-87.5°	14.0	14.1	14.3	14.5	15.1	15.7	16.4	17.0	17.3	17.5	17.7
-90°	3.5	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	16.2	16.2	16.2	16.2	16.2	16.7	17.2	17.7	18.2	18.2	18.2
87.5°	2.0	1.9	1.9	1.8	1.8	1.4	0.9	0.5	0.0	0.0	0.0
85°	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.6	2.6	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	4.3	4.0	3.5	2.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0
75°	5.9	5.8	5.6	5.0	4.2	4.0	4.0	3.9	3.7	3.7	3.8
72.5°	12.3	12.2	11.4	10.6	9.1	8.4	8.2	7.8	7.3	7.1	6.8
70°	22.4	21.6	20.3	18.1	15.1	12.9	11.8	10.4	8.7	8.0	8.0
67.5°	32.2	28.9	26.1	23.0	18.9	15.6	13.7	11.9	10.2	9.4	9.1
65°	37.1	29.7	24.7	20.9	17.9	15.2	13.1	11.2	9.5	8.5	8.3
62.5°	34.1	24.7	19.5	16.4	13.8	11.9	10.5	9.0	7.6	6.8	7.1
60°	27.9	19.1	14.7	12.8	11.4	10.2	8.9	7.7	6.7	6.2	6.8
57.5°	21.3	15.2	12.0	11.2	10.1	8.7	7.8	7.5	7.4	7.4	7.8
55°	15.9	13.4	12.1	10.7	9.5	8.5	8.2	8.4	8.4	8.1	8.1
52.5°	13.5	12.4	11.0	9.8	9.5	9.6	9.9	9.6	9.3	9.3	9.6
50°	13.2	12.1	11.1	10.1	10.4	10.5	10.2	10.5	11.1	11.3	11.5
47.5°	14.3	13.5	14.2	12.0	12.4	13.9	14.0	14.3	16.1	16.9	17.2
45°	18.8	22.9	22.9	21.1	20.4	29.5	30.1	25.3	41.1	39.4	27.7
42.5°	34.8	37.0	37.1	46.4	62.7	71.5	94.9	132.0	123.6	96.0	58.1
40°	57.6	54.8	66.8	85.8	104.8	127.3	159.3	222.4	211.8	169.5	186.3
37.5°	99.5	99.5	105.2	131.6	139.0	119.7	170.1	164.3	130.9	184.1	194.8
35°	182.0	200.2	170.0	210.8	216.3	199.0	208.6	230.6	199.5	238.7	255.5
32.5°	326.8	360.6	365.1	375.1	405.1	428.2	421.8	475.6	478.2	529.0	598.6
30°	522.5	592.5	665.0	676.4	713.8	774.7	805.3	913.7	1028.5	1103.7	1241.8
27.5°	918.3	935.6	1081.5	1196.4	1150.7	1241.9	1470.0	1602.3	1821.7	1952.5	2091.5
25°	1474.9	1522.5	1728.1	1939.9	1968.2	2051.4	2382.9	2572.1	2798.3	2930.4	3217.0
22.5°	2181.2	2386.6	2612.9	2891.5	3005.7	3201.4	3523.7	3801.1	4272.3	4855.3	6111.6
20°	2968.1	3276.7	3580.9	3825.6	4061.3	4372.5	4764.5	6103.4	7689.8	12469.7	15767.8
17.5°	3641.4	4146.9	4437.6	4674.6	4970.4	5570.6	7126.9	11072.4	18680.8	29322.8	39064.1
15°	4165.1	4637.0	5104.6	5401.6	5863.8	7192.6	10359.1	20035.3	35801.1	53765.7	75504.5
12.5°	4580.2	4972.0	5364.8	5801.8	6656.0	9245.7	17301.7	32244.9	55171.1	84209.8	122748.9
10°	4804.4	5196.5	5575.5	6197.6	7778.7	12494.4	23784.6	43491.1	79473.7	124825.6	173940.9
7.5°	4802.7	5280.8	5749.5	6508.3	8923.0	16376.4	31421.2	58088.0	100649.2	157507.6	220739.2
5°	4800.1	5378.6	5869.6	6726.0	9638.7	19025.7	36161.4	66171.9	117891.4	182056.3	249761.8
2.5°	4846.7	5483.4	5947.3	6869.4	9970.3	20447.3	38790.8	72556.9	129945.9	196029.0	268377.7
0°	4956.3	5576.6	5992.8	6883.8	9930.7	20740.4	39096.6	74101.7	134585.3	204792.5	279034.7
-2.5°	5137.5	5563.2	5967.0	6825.7	9798.3	20135.4	38382.3	72754.2	129209.6	195040.7	266893.4
-5°	5028.4	5372.1	5729.4	6501.9	9148.4	18014.6	34574.0	65103.1	113322.3	172439.0	233990.7
-7.5°	4748.3	5096.7	5427.6	6093.8	8211.8	14866.1	28281.9	52298.9	89961.3	136001.0	184346.0
-10°	4493.0	4805.4	5116.9	5649.8	7016.5	10903.8	20238.1	37012.8	65682.1	100387.9	137333.4
-12.5°	4296.4	4558.8	4798.7	5155.9	5915.9	8087.1	14723.5	27173.5	44106.7	66202.3	93241.0
-15°	4123.4	4327.4	4503.9	4847.6	5412.5	6546.8	9174.4	16286.9	26838.0	40760.6	55524.6
-17.5°	3963.3	4159.0	4367.5	4629.3	4985.0	5529.5	7039.0	10030.7	16117.7	25212.4	33919.7
-20°	3881.5	4120.9	4300.1	4504.9	4806.8	5225.3	5755.7	7239.8	9748.6	15337.9	20999.5



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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°	3816.9	4045.2	4249.7	4487.4	4797.4	5127.7	5414.0	5867.2	7050.9	8806.3	11728.9
-25°	3738.2	3963.3	4265.8	4611.8	4878.1	5127.8	5273.1	5367.5	5875.5	6377.3	7496.2
-27.5°	3589.0	3945.7	4389.8	4763.4	5049.9	5204.9	5321.9	5398.4	5703.0	6002.1	6327.7
-30°	3455.5	4002.4	4481.9	4916.3	5165.8	5355.0	5507.6	5645.6	5856.1	6109.5	6227.8
-32.5°	2981.9	3987.0	4520.4	4920.2	5176.6	5400.0	5635.0	5762.6	5947.9	6133.5	6283.1
-35°	2342.2	3363.6	4478.8	4707.7	4962.2	5253.4	5535.8	5717.3	5906.0	6097.1	6273.3
-37.5°	1754.6	2518.4	3422.8	4250.0	4591.5	4889.6	5236.2	5515.7	5762.7	5971.1	6171.8
-40°	1537.9	1745.2	2410.5	3067.4	3765.2	4405.5	4748.1	5122.3	5494.0	5751.4	5980.5
-42.5°	1535.5	1614.9	1682.9	2123.2	2660.0	3210.7	3793.5	4336.6	4941.3	5365.2	5686.8
-45°	1545.3	1607.1	1670.4	1734.2	1792.8	2198.0	2623.0	3053.9	3685.0	4311.5	4853.2
-47.5°	1471.8	1591.0	1666.9	1728.0	1785.9	1842.9	1898.4	2014.6	2418.1	2845.1	3235.4
-50°	1355.1	1478.0	1591.0	1704.2	1770.6	1826.8	1887.3	1953.7	2018.3	2083.9	2127.5
-52.5°	1212.1	1333.0	1450.5	1558.0	1654.7	1749.9	1844.9	1922.1	1991.0	2058.2	2091.7
-55°	1075.2	1184.0	1291.1	1385.7	1480.1	1573.9	1668.5	1762.5	1855.9	1947.6	1994.6
-57.5°	923.3	1029.0	1129.8	1209.4	1289.5	1369.5	1455.4	1543.8	1629.0	1707.1	1748.2
-60°	762.3	852.8	939.0	1016.3	1091.4	1163.7	1236.5	1310.2	1382.3	1445.8	1483.1
-62.5°	602.0	671.9	743.8	811.1	875.1	936.7	1003.2	1066.7	1126.6	1177.2	1212.4
-65°	471.3	523.6	569.6	616.2	663.6	717.8	772.5	824.3	872.8	912.9	942.9
-67.5°	320.0	368.0	410.2	449.9	486.2	523.2	562.4	600.1	635.9	665.4	688.7
-70°	193.5	220.5	244.6	271.3	303.0	334.1	365.2	393.9	420.0	441.4	458.4
-72.5°	105.2	116.6	128.9	148.1	165.8	183.4	200.8	216.8	231.3	244.2	255.4
-75°	56.6	61.5	70.4	78.4	85.4	92.6	99.5	105.9	111.6	116.3	120.2
-77.5°	43.6	46.1	48.2	50.2	51.8	53.4	54.9	56.4	57.8	59.1	60.3
-80°	33.6	35.2	36.8	38.4	39.8	40.9	41.8	42.5	43.1	43.9	44.8
-82.5°	27.0	27.7	28.4	29.2	30.0	30.8	31.6	32.4	33.2	33.6	33.8
-85°	22.0	22.3	22.6	22.8	23.1	23.4	23.6	23.8	23.9	24.0	24.1
-87.5°	17.8	17.9	17.9	18.0	18.0	18.5	19.1	19.6	20.1	20.2	20.2
-90°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	17.7
87.5°	0.0	0.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.7	3.9
72.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	6.8	7.1	7.3	7.8
70°	8.0	8.0	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.7	10.4
67.5°	8.7	8.2	7.2	6.1	7.2	8.2	8.7	9.1	9.4	10.2	11.9
65°	8.2	8.1	7.2	6.1	7.2	8.1	8.2	8.3	8.5	9.5	11.2
62.5°	7.5	8.0	7.2	6.1	7.2	8.0	7.5	7.1	6.8	7.6	9.0
60°	7.4	7.9	8.1	8.1	8.1	7.9	7.4	6.8	6.2	6.7	7.7
57.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	7.8	7.4	7.4	7.5
55°	8.1	8.1	8.9	10.1	8.9	8.1	8.1	8.1	8.1	8.4	8.4
52.5°	9.8	10.0	10.1	10.1	10.1	10.0	9.8	9.6	9.3	9.3	9.6
50°	11.8	12.0	12.1	12.1	12.1	12.0	11.8	11.5	11.3	11.1	10.5
47.5°	17.1	16.5	16.1	16.2	16.1	16.5	17.1	17.2	16.9	16.1	14.3
45°	28.2	28.1	28.0	28.3	28.0	28.1	28.2	27.7	39.4	41.1	25.3
42.5°	56.6	51.0	46.6	48.5	46.6	51.0	56.6	58.1	96.0	123.6	132.0
40°	166.3	114.2	66.2	66.7	66.2	114.2	166.3	186.3	169.5	211.8	222.4
37.5°	155.4	125.4	113.1	111.1	113.1	125.4	155.4	194.8	184.1	130.9	164.3
35°	256.4	254.8	243.6	242.5	243.6	254.8	256.4	255.5	238.7	199.5	230.6
32.5°	625.5	651.1	642.9	632.4	642.9	651.1	625.5	598.6	529.0	478.2	475.6
30°	1307.4	1364.3	1352.8	1384.0	1352.8	1364.3	1307.4	1241.8	1103.7	1028.5	913.7
27.5°	2168.5	2205.7	2167.2	2155.9	2167.2	2205.7	2168.5	2091.5	1952.5	1821.7	1602.3
25°	3412.9	3485.1	3518.4	3586.4	3518.4	3485.1	3412.9	3217.0	2930.4	2798.3	2572.1
22.5°	7673.5	8120.6	7891.0	7686.0	7891.0	8120.6	7673.5	6111.6	4855.3	4272.3	3801.1
20°	22519.6	26497.0	26203.8	25680.5	26203.8	26497.0	22519.6	15767.8	12469.7	7689.8	6103.4
17.5°	54301.4	66520.6	74130.2	78134.6	74130.2	66520.6	54301.4	39064.1	29322.8	18680.8	11072.4
15°	101303.7	121856.4	133923.9	140768.0	133923.9	121856.4	101303.7	75504.5	53765.7	35801.1	20035.3
12.5°	159799.6	192013.2	213383.8	217469.2	213383.8	192013.2	159799.6	122748.9	84209.8	55171.1	32244.9
10°	224211.6	265469.8	299496.3	311906.2	299496.3	265469.8	224211.6	173940.9	124825.6	79473.7	43491.1
7.5°	279221.6	331871.6	377054.1	393124.1	377054.1	331871.6	279221.6	220739.2	157507.6	100649.2	58088.0
5°	319222.5	389065.0	429962.5	440997.8	429962.5	389065.0	319222.5	249761.8	182056.3	117891.4	66171.9
2.5°	351783.5	418081.2	461929.0	484536.5	461929.0	418081.2	351783.5	268377.7	196029.0	129945.9	72556.9
0°	366099.9	429812.3	477102.0	510270.5	477102.0	429812.3	366099.9	279034.7	204792.5	134585.3	74101.7
-2.5°	348506.1	413661.0	447300.5	461838.2	447300.5	413661.0	348506.1	266893.4	195040.7	129209.6	72754.2
-5°	296303.1	357723.2	391533.4	402274.9	391533.4	357723.2	296303.1	233990.7	172439.0	113322.3	65103.1
-7.5°	231128.7	273680.6	302851.0	313017.5	302851.0	273680.6	231128.7	184346.0	136001.0	89961.3	52298.9
-10°	174034.9	204551.9	220183.9	225467.3	220183.9	204551.9	174034.9	137333.4	100387.9	65682.1	37012.8
-12.5°	119501.8	142475.1	152579.8	159218.2	152579.8	142475.1	119501.8	93241.0	66202.3	44106.7	27173.5
-15°	73508.8	88485.7	96442.3	100984.5	96442.3	88485.7	73508.8	55524.6	40760.6	26838.0	16286.9
-17.5°	44660.4	52801.5	58074.4	60463.4	58074.4	52801.5	44660.4	33919.7	25212.4	16117.7	10030.7
-20°	27726.3	33146.8	36225.6	37991.4	36225.6	33146.8	27726.3	20999.5	15337.9	9748.6	7239.8



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15575.8	18550.0	20217.7	20799.0	20217.7	18550.0	15575.8	11728.9	8806.3	7050.9	5867.2
-25°	8661.5	9418.5	9749.8	9827.7	9749.8	9418.5	8661.5	7496.2	6377.3	5875.5	5367.5
-27.5°	6609.9	6771.3	6873.6	6904.0	6873.6	6771.3	6609.9	6327.7	6002.1	5703.0	5398.4
-30°	6340.4	6357.3	6385.4	6380.7	6385.4	6357.3	6340.4	6227.8	6109.5	5856.1	5645.6
-32.5°	6388.5	6394.7	6400.4	6390.8	6400.4	6394.7	6388.5	6283.1	6133.5	5947.9	5762.6
-35°	6369.5	6387.8	6402.1	6409.0	6402.1	6387.8	6369.5	6273.3	6097.1	5906.0	5717.3
-37.5°	6251.7	6276.9	6289.2	6277.7	6289.2	6276.9	6251.7	6171.8	5971.1	5762.7	5515.7
-40°	6035.5	6053.7	6054.9	6045.3	6054.9	6053.7	6035.5	5980.5	5751.4	5494.0	5122.3
-42.5°	5784.8	5848.6	5878.7	5879.6	5878.7	5848.6	5784.8	5686.8	5365.2	4941.3	4336.6
-45°	5196.5	5462.8	5620.9	5659.4	5620.9	5462.8	5196.5	4853.2	4311.5	3685.0	3053.9
-47.5°	3547.3	3811.9	3984.1	4049.1	3984.1	3811.9	3547.3	3235.4	2845.1	2418.1	2014.6
-50°	2159.3	2191.3	2205.4	2202.3	2205.4	2191.3	2159.3	2127.5	2083.9	2018.3	1953.7
-52.5°	2117.4	2142.8	2158.4	2166.0	2158.4	2142.8	2117.4	2091.7	2058.2	1991.0	1922.1
-55°	2033.2	2065.0	2081.3	2085.2	2081.3	2065.0	2033.2	1994.6	1947.6	1855.9	1762.5
-57.5°	1782.8	1810.5	1826.3	1832.6	1826.3	1810.5	1782.8	1748.2	1707.1	1629.0	1543.8
-60°	1513.3	1536.4	1546.6	1547.7	1546.6	1536.4	1513.3	1483.1	1445.8	1382.3	1310.2
-62.5°	1241.6	1264.7	1272.3	1270.9	1272.3	1264.7	1241.6	1212.4	1177.2	1126.6	1066.7
-65°	968.0	988.0	992.0	988.0	992.0	988.0	968.0	942.9	912.9	872.8	824.3
-67.5°	708.2	723.9	728.4	727.4	728.4	723.9	708.2	688.7	665.4	635.9	600.1
-70°	472.0	482.1	481.7	476.8	481.7	482.1	472.0	458.4	441.4	420.0	393.9
-72.5°	264.8	272.5	278.7	282.9	278.7	272.5	264.8	255.4	244.2	231.3	216.8
-75°	123.3	125.8	128.8	131.3	128.8	125.8	123.3	120.2	116.3	111.6	105.9
-77.5°	61.4	62.3	63.5	64.7	63.5	62.3	61.4	60.3	59.1	57.8	56.4
-80°	45.6	46.3	46.5	46.5	46.5	46.3	45.6	44.8	43.9	43.1	42.5
-82.5°	34.0	34.2	34.3	34.3	34.3	34.2	34.0	33.8	33.6	33.2	32.4
-85°	24.1	24.2	25.2	26.3	25.2	24.2	24.1	24.1	24.0	23.9	23.8
-87.5°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.1	19.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	17.2	16.7	16.2	16.2	16.2	16.2	16.2	15.7	15.2	14.6	14.1
87.5°	0.9	1.4	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0
85°	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.3	2.3
80°	2.0	2.0	2.0	2.3	2.5	2.6	2.6	2.9	3.2	3.5	3.7
77.5°	2.0	2.0	2.2	2.9	3.5	4.0	4.3	4.6	4.8	5.0	5.1
75°	4.0	4.0	4.2	5.0	5.6	5.8	5.9	5.7	5.7	5.9	6.1
72.5°	8.2	8.4	9.1	10.6	11.4	12.2	12.3	11.5	10.0	7.8	6.1
70°	11.8	12.9	15.1	18.1	20.3	21.6	22.4	21.8	19.8	17.6	13.5
67.5°	13.7	15.6	18.9	23.0	26.1	28.9	32.2	35.4	35.7	33.4	24.1
65°	13.1	15.2	17.9	20.9	24.7	29.7	37.1	41.8	44.7	46.0	37.8
62.5°	10.5	11.9	13.8	16.4	19.5	24.7	34.1	42.1	48.9	50.3	42.5
60°	8.9	10.2	11.4	12.8	14.7	19.1	27.9	38.1	49.8	48.6	43.5
57.5°	7.8	8.7	10.1	11.2	12.0	15.2	21.3	29.7	40.5	41.7	40.0
55°	8.2	8.5	9.5	10.7	12.1	13.4	15.9	21.1	28.7	31.1	31.7
52.5°	9.9	9.6	9.5	9.8	11.0	12.4	13.5	16.4	18.9	22.3	24.1
50°	10.2	10.5	10.4	10.1	11.1	12.1	13.2	14.1	15.6	17.2	18.5
47.5°	14.0	13.9	12.4	12.0	14.2	13.5	14.3	15.0	15.9	15.5	16.4
45°	30.1	29.5	20.4	21.1	22.9	22.9	18.8	20.1	19.4	18.1	16.1
42.5°	94.9	71.5	62.7	46.4	37.1	37.0	34.8	32.0	29.1	24.1	23.0
40°	159.3	127.3	104.8	85.8	66.8	54.8	57.6	49.0	43.9	37.3	37.1
37.5°	170.1	119.7	139.0	131.6	105.2	99.5	99.5	82.8	61.1	73.9	72.8
35°	208.6	199.0	216.3	210.8	170.0	200.2	182.0	142.4	120.0	133.4	125.2
32.5°	421.8	428.2	405.1	375.1	365.1	360.6	326.8	251.7	239.3	229.9	202.1
30°	805.3	774.7	713.8	676.4	665.0	592.5	522.5	527.7	455.9	353.1	301.7
27.5°	1470.0	1241.9	1150.7	1196.4	1081.5	935.6	918.3	931.8	751.8	569.7	435.2
25°	2382.9	2051.4	1968.2	1939.9	1728.1	1522.5	1474.9	1414.2	1207.3	855.5	601.4
22.5°	3523.7	3201.4	3005.7	2891.5	2612.9	2386.6	2181.2	1957.6	1747.9	1280.7	891.9
20°	4764.5	4372.5	4061.3	3825.6	3580.9	3276.7	2968.1	2582.9	2254.1	1810.1	1244.3
17.5°	7126.9	5570.6	4970.4	4674.6	4437.6	4146.9	3641.4	3142.6	2755.4	2365.0	1633.3
15°	10359.1	7192.6	5863.8	5401.6	5104.6	4637.0	4165.1	3633.8	3247.5	2866.7	2073.5
12.5°	17301.7	9245.7	6656.0	5801.8	5364.8	4972.0	4580.2	4099.2	3635.7	3134.8	2387.4
10°	23784.6	12494.4	7778.7	6197.6	5575.5	5196.5	4804.4	4247.7	3722.5	3276.8	2654.2
7.5°	31421.2	16376.4	8923.0	6508.3	5749.5	5280.8	4802.7	4232.7	3766.0	3373.3	2874.3
5°	36161.4	19025.7	9638.7	6726.0	5869.6	5378.6	4800.1	4154.4	3772.8	3431.9	3048.2
2.5°	38790.8	20447.3	9970.3	6869.4	5947.3	5483.4	4846.7	4116.9	3772.5	3443.6	3101.8
0°	<b>39096.6</b>	<b>20740.4</b>	<b>9930.7</b>	<b>6883.8</b>	<b>5992.8</b>	<b>5576.6</b>	<b>4956.3</b>	<b>4131.9</b>	<b>3764.2</b>	<b>3434.8</b>	<b>3113.6</b>
-2.5°	38382.3	20135.4	9798.3	6825.7	5967.0	5563.2	5137.5	4294.5	3855.4	3473.6	3099.8
-5°	34574.0	18014.6	9148.4	6501.9	5729.4	5372.1	5028.4	4321.3	3856.9	3469.6	3044.5
-7.5°	28281.9	14866.1	8211.8	6093.8	5427.6	5096.7	4748.3	4185.0	3698.0	3333.2	2867.7
-10°	20238.1	10903.8	7016.5	5649.8	5116.9	4805.4	4493.0	3996.7	3524.2	3182.5	2657.8
-12.5°	14723.5	8087.1	5915.9	5155.9	4798.7	4558.8	4296.4	3781.7	3337.8	3019.0	2419.5
-15°	9174.4	6546.8	5412.5	4847.6	4503.9	4327.4	4123.4	3665.1	3302.4	2897.5	2156.4
-17.5°	7039.0	5529.5	4985.0	4629.3	4367.5	4159.0	3963.3	3639.8	3287.8	2796.9	1924.0
-20°	5755.7	5225.3	4806.8	4504.9	4300.1	4120.9	3881.5	3629.7	3236.0	2529.5	1698.8



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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°	5414.0	5127.7	4797.4	4487.4	4249.7	4045.2	3816.9	3562.1	3150.0	2176.2	1452.1
-25°	5273.1	5127.8	4878.1	4611.8	4265.8	3963.3	3738.2	3403.5	2717.7	1827.3	1224.6
-27.5°	5321.9	5204.9	5049.9	4763.4	4389.8	3945.7	3589.0	3158.4	2224.0	1532.1	1210.9
-30°	5507.6	5355.0	5165.8	4916.3	4481.9	4002.4	3455.5	2590.4	1827.9	1291.1	1201.0
-32.5°	5635.0	5400.0	5176.6	4920.2	4520.4	3987.0	2981.9	2052.3	1436.9	1277.6	1200.7
-35°	5535.8	5253.4	4962.2	4707.7	4478.8	3363.6	2342.2	1622.2	1347.0	1264.6	1198.1
-37.5°	5236.2	4889.6	4591.5	4250.0	3422.8	2518.4	1754.6	1442.5	1337.6	1254.6	1155.0
-40°	4748.1	4405.5	3765.2	3067.4	2410.5	1745.2	1537.9	1438.0	1342.5	1216.5	1090.8
-42.5°	3793.5	3210.7	2660.0	2123.2	1682.9	1614.9	1535.5	1446.1	1323.5	1164.8	1018.2
-45°	2623.0	2198.0	1792.8	1734.2	1670.4	1607.1	1545.3	1415.1	1261.4	1098.3	943.6
-47.5°	1898.4	1842.9	1785.9	1728.0	1666.9	1591.0	1471.8	1340.5	1173.0	1017.3	881.7
-50°	1887.3	1826.8	1770.6	1704.2	1591.0	1478.0	1355.1	1222.7	1071.5	935.1	807.6
-52.5°	1844.9	1749.9	1654.7	1558.0	1450.5	1333.0	1212.1	1094.1	967.1	840.1	720.4
-55°	1668.5	1573.9	1480.1	1385.7	1291.1	1184.0	1075.2	963.4	849.6	733.7	629.7
-57.5°	1455.4	1369.5	1289.5	1209.4	1129.8	1029.0	923.3	820.8	724.9	626.1	535.1
-60°	1236.5	1163.7	1091.4	1016.3	939.0	852.8	762.3	675.8	594.0	520.6	447.3
-62.5°	1003.2	936.7	875.1	811.1	743.8	671.9	602.0	541.7	481.3	418.4	349.2
-65°	772.5	717.8	663.6	616.2	569.6	523.6	471.3	415.0	357.6	301.1	244.0
-67.5°	562.4	523.2	486.2	449.9	410.2	368.0	320.0	271.9	233.4	197.4	157.8
-70°	365.2	334.1	303.0	271.3	244.6	220.5	193.5	164.5	134.1	112.6	94.5
-72.5°	200.8	183.4	165.8	148.1	128.9	116.6	105.2	92.2	78.3	63.5	52.8
-75°	99.5	92.6	85.4	78.4	70.4	61.5	56.6	53.2	49.8	46.5	43.1
-77.5°	54.9	53.4	51.8	50.2	48.2	46.1	43.6	41.3	39.3	37.3	35.4
-80°	41.8	40.9	39.8	38.4	36.8	35.2	33.6	32.2	30.9	29.9	28.8
-82.5°	31.6	30.8	30.0	29.2	28.4	27.7	27.0	26.2	25.3	24.2	23.2
-85°	23.6	23.4	23.1	22.8	22.6	22.3	22.0	21.4	20.8	20.3	19.8
-87.5°	19.1	18.5	18.0	18.0	17.9	17.9	17.8	17.7	17.5	17.3	17.0
-90°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0



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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°	13.6	13.1	12.6	12.1	12.1	12.1	12.1	12.1	11.6	11.1	10.6
87.5°	2.3	2.6	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.5
85°	2.5	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.4	4.7	5.0
82.5°	2.6	3.0	3.5	4.0	4.3	4.5	4.6	4.6	4.8	5.1	5.4
80°	3.6	3.6	3.8	4.1	4.6	5.1	5.4	5.5	5.4	5.5	5.7
77.5°	4.8	4.4	4.1	4.1	4.7	5.2	5.7	6.1	6.0	5.8	5.9
75°	6.1	5.7	5.3	5.0	5.0	5.2	5.7	6.1	6.1	6.1	6.0
72.5°	6.1	6.1	6.1	6.1	5.7	5.7	5.9	6.1	6.1	6.1	6.1
70°	9.5	6.7	6.1	6.1	6.1	6.1	6.0	6.2	6.1	6.1	6.1
67.5°	15.3	10.8	7.8	6.4	6.1	6.1	6.1	6.3	6.4	6.1	6.1
65°	26.9	17.4	9.9	8.2	6.8	6.1	6.1	6.5	6.7	6.5	6.1
62.5°	34.7	26.1	17.2	11.2	8.3	6.9	6.1	6.6	7.1	7.0	6.5
60°	38.4	30.3	23.8	17.2	11.3	7.9	6.9	6.7	7.2	7.5	7.0
57.5°	35.5	32.4	27.7	22.1	15.9	10.3	7.9	7.3	7.2	7.7	7.6
55°	30.3	28.4	29.5	25.6	19.7	13.7	9.5	8.1	7.5	7.8	8.1
52.5°	23.9	25.6	28.2	27.7	22.8	16.8	12.4	9.0	8.2	7.9	8.3
50°	19.1	22.9	27.0	28.2	25.4	20.0	14.9	11.0	9.0	8.1	8.4
47.5°	17.7	21.4	25.0	28.8	27.4	23.0	17.5	12.9	9.7	8.8	8.5
45°	19.5	21.0	23.9	27.3	29.7	25.4	20.2	14.5	11.1	9.5	8.6
42.5°	23.8	24.1	24.2	26.1	29.3	27.4	22.8	16.7	12.3	10.2	9.0
40°	34.2	30.4	26.5	28.7	29.3	29.4	24.6	18.9	13.4	11.1	9.7
37.5°	47.6	41.3	34.0	35.9	31.8	30.2	26.4	21.0	15.0	12.3	10.4
35°	92.0	56.3	57.9	53.3	41.9	31.7	28.0	22.8	17.5	13.4	11.1
32.5°	149.2	108.4	106.8	82.3	55.5	34.0	29.7	25.3	19.9	14.5	11.9
30°	244.9	225.4	177.5	118.9	76.6	46.7	32.8	28.0	22.4	15.6	12.7
27.5°	395.6	364.6	274.1	184.3	111.6	63.2	38.6	30.8	25.0	17.0	13.6
25°	548.1	508.6	408.2	270.8	151.7	98.1	45.8	33.9	27.4	19.0	14.4
22.5°	700.5	648.9	556.8	370.5	212.2	143.0	64.0	39.4	29.8	21.0	15.2
20°	845.9	788.2	706.1	453.8	285.9	196.4	96.9	45.6	32.2	23.0	15.9
17.5°	1015.1	894.2	770.8	541.6	359.2	250.0	134.8	52.4	34.7	24.8	16.7
15°	1275.1	957.8	829.3	619.7	422.6	303.3	176.5	59.5	37.1	26.6	17.3
12.5°	1511.4	1017.0	887.0	688.3	477.1	355.9	220.8	66.9	39.5	28.1	17.9
10°	1732.4	1071.9	943.0	747.6	523.6	407.1	266.0	74.4	42.6	29.3	18.5
7.5°	1932.7	1122.3	996.1	797.7	559.8	440.5	296.5	81.9	45.8	30.3	19.0
5°	2090.4	1162.2	1039.9	833.4	573.7	453.2	320.6	89.0	48.9	31.2	19.5
2.5°	2142.7	1187.6	1074.8	861.1	584.5	461.7	339.8	95.4	51.9	31.8	19.9
0°	2153.9	1208.3	1103.2	880.9	592.0	466.7	353.6	101.0	54.6	32.3	20.2
-2.5°	2143.2	1210.6	1104.4	897.8	615.2	481.0	366.1	125.9	71.9	42.1	24.9
-5°	2094.4	1209.2	1100.1	906.4	634.3	492.6	373.8	149.4	88.4	51.5	29.5
-7.5°	1964.9	1192.8	1084.9	905.4	648.4	501.4	377.4	171.2	103.8	60.2	33.7
-10°	1797.9	1165.3	1056.6	886.2	657.7	512.1	378.7	190.8	117.6	68.0	37.5
-12.5°	1608.9	1134.0	1028.4	864.5	663.6	524.4	382.1	207.6	129.5	74.8	40.7
-15°	1402.5	1099.0	1002.2	842.2	666.5	533.8	381.9	221.2	139.7	81.3	43.3
-17.5°	1190.2	1060.3	979.6	820.7	666.8	540.4	378.4	231.5	148.1	87.9	46.3
-20°	1149.8	1044.0	958.5	801.7	664.8	544.3	371.8	238.2	154.8	92.8	49.3



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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°	1139.9	1049.2	942.0	792.1	662.5	545.3	362.4	241.0	159.5	95.9	51.0
-25°	1129.7	1055.5	924.4	780.8	659.8	529.4	357.3	239.7	162.2	97.2	51.5
-27.5°	1130.6	1053.9	901.9	762.1	644.7	510.9	354.6	241.5	163.1	96.4	50.6
-30°	1138.0	1024.2	875.5	737.7	624.3	480.4	346.3	241.0	161.9	94.8	48.3
-32.5°	1130.3	989.5	840.8	711.1	590.7	448.5	329.0	237.7	157.9	92.1	46.8
-35°	1080.3	942.6	798.2	678.2	552.2	423.4	310.7	231.8	150.9	87.2	45.0
-37.5°	1024.9	886.0	756.2	637.8	512.9	395.2	296.2	217.5	141.0	80.1	42.2
-40°	959.7	829.9	710.0	594.1	476.9	363.9	278.0	199.8	130.3	70.8	38.3
-42.5°	891.7	775.8	660.6	549.4	439.4	339.5	256.0	179.2	115.5	63.5	33.4
-45°	829.5	717.4	606.5	502.1	400.2	311.2	229.9	156.5	98.4	56.6	29.6
-47.5°	762.2	653.0	549.7	451.1	363.4	278.6	200.6	135.0	79.7	48.3	28.4
-50°	686.9	585.9	490.5	402.5	321.1	241.9	169.6	111.4	68.2	38.3	27.0
-52.5°	612.5	517.9	432.4	352.7	275.0	201.7	140.3	86.9	55.7	33.6	25.3
-55°	533.9	451.2	374.2	297.8	225.1	163.9	108.7	71.3	42.2	31.1	23.6
-57.5°	457.2	384.0	309.4	238.2	177.4	124.6	84.2	54.6	36.5	28.5	23.0
-60°	376.4	306.1	239.0	181.9	130.4	91.5	63.8	41.3	33.0	25.9	22.2
-62.5°	283.9	225.2	175.3	126.4	92.3	66.6	45.2	36.8	29.3	24.9	21.4
-65°	198.4	153.9	112.6	87.4	63.4	45.8	39.5	32.1	27.3	23.7	20.4
-67.5°	119.0	97.4	75.8	54.2	45.1	39.4	33.6	29.4	25.7	22.4	19.4
-70°	75.9	57.1	48.1	43.1	38.1	33.3	30.5	27.3	24.1	21.1	18.4
-72.5°	48.6	44.3	40.0	35.7	32.8	30.2	27.8	25.2	22.3	19.6	17.2
-75°	39.4	36.5	33.9	31.4	29.1	27.0	25.1	22.9	20.4	18.1	16.1
-77.5°	33.1	30.9	28.9	27.3	25.7	24.0	22.4	20.6	18.6	16.8	15.0
-80°	27.4	26.2	25.0	23.9	22.5	21.1	19.9	18.8	17.2	15.5	13.8
-82.5°	22.4	21.8	21.2	20.5	19.5	18.7	17.9	17.2	15.7	14.2	12.8
-85°	19.3	18.6	17.9	17.1	16.6	16.2	15.9	15.5	14.3	13.2	12.1
-87.5°	16.4	15.7	15.1	14.5	14.3	14.1	14.0	13.8	13.0	12.1	11.4
-90°	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0	4.0	4.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.1	9.6	9.1	8.6	8.1	7.1	6.1
87.5°	4.5	4.9	5.2	5.6	6.1	6.1	6.1
85°	5.1	5.2	5.4	5.7	6.1	6.2	6.1
82.5°	5.6	5.6	5.6	5.8	6.1	6.2	6.1
80°	6.1	5.9	5.8	5.9	6.1	6.3	6.1
77.5°	6.1	6.1	6.0	5.9	6.1	6.3	6.1
75°	6.2	6.3	6.1	6.0	6.1	6.4	6.1
72.5°	6.2	6.4	6.3	6.1	6.2	6.4	6.1
70°	6.3	6.6	6.5	6.1	6.2	6.5	6.1
67.5°	6.3	6.7	6.7	6.3	6.2	6.5	6.1
65°	6.4	6.8	6.9	6.5	6.3	6.6	6.1
62.5°	6.4	6.9	7.1	6.7	6.3	6.6	6.1
60°	6.5	6.9	7.4	6.9	6.4	6.7	6.1
57.5°	6.9	7.0	7.4	7.2	6.5	6.7	6.1
55°	7.5	7.0	7.5	7.4	6.7	6.8	6.1
52.5°	8.0	7.2	7.5	7.6	6.9	6.8	6.1
50°	8.4	7.6	7.6	7.8	7.0	6.9	6.1
47.5°	8.9	8.0	7.6	8.0	7.1	7.0	6.1
45°	9.0	8.4	7.7	8.0	7.3	7.0	6.1
42.5°	9.0	8.7	7.7	8.1	7.4	7.1	6.1
40°	9.1	9.1	7.9	8.1	7.5	7.1	6.1
37.5°	9.2	9.5	8.2	8.2	7.6	7.2	6.1
35°	9.4	9.7	8.5	8.2	7.7	7.3	6.1
32.5°	9.6	9.7	8.8	8.3	7.8	7.3	6.1
30°	10.2	9.8	9.0	8.4	7.8	7.4	6.1
27.5°	10.8	9.9	9.3	8.5	7.9	7.5	6.1
25°	11.4	10.0	9.5	8.6	7.9	7.5	6.1
22.5°	12.0	10.1	9.6	8.8	8.0	7.6	6.1
20°	12.5	10.3	9.8	8.9	8.0	7.7	6.1
17.5°	13.1	10.5	9.9	9.0	8.0	7.7	6.1
15°	13.7	10.7	10.0	9.2	8.1	7.8	6.1
12.5°	14.2	10.9	10.0	9.4	8.1	7.8	6.1
10°	14.7	11.1	10.1	9.5	8.1	7.9	6.1
7.5°	15.1	11.4	10.1	9.7	8.1	8.0	6.1
5°	15.5	11.6	10.1	9.8	8.1	8.0	6.1
2.5°	15.9	11.9	10.1	10.0	8.1	8.1	6.1
0°	16.2	12.1	10.1	10.1	8.1	8.1	6.1
-2.5°	17.8	12.8	10.5	10.2	8.2	8.1	6.1
-5°	19.3	13.4	10.8	10.3	8.3	8.2	6.1
-7.5°	20.7	14.0	11.1	10.4	8.4	8.2	6.1
-10°	22.0	14.6	11.5	10.5	8.4	8.2	6.1
-12.5°	23.1	15.1	11.8	10.6	8.5	8.3	6.1
-15°	23.9	15.5	12.0	10.7	8.6	8.3	6.1
-17.5°	24.6	15.9	12.3	10.7	8.7	8.3	6.1
-20°	25.4	16.2	12.5	10.8	8.8	8.3	6.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.4	16.5	12.7	10.8	8.9	8.3	6.1
-25°	26.8	16.7	12.9	10.8	8.9	8.3	6.1
-27.5°	26.6	16.9	13.0	10.8	9.0	8.3	6.1
-30°	25.7	17.0	13.1	10.8	9.1	8.3	6.1
-32.5°	24.2	17.0	13.2	10.8	9.2	8.3	6.1
-35°	23.6	16.8	13.3	10.7	9.2	8.3	6.1
-37.5°	23.3	16.7	13.4	10.7	9.3	8.3	6.1
-40°	22.9	16.8	13.4	10.6	9.4	8.3	6.1
-42.5°	22.3	16.8	13.4	10.6	9.5	8.3	6.1
-45°	21.5	16.7	13.4	10.5	9.5	8.2	6.1
-47.5°	20.6	16.6	13.3	10.5	9.6	8.2	6.1
-50°	20.2	16.4	13.2	10.5	9.6	8.2	6.1
-52.5°	19.9	16.2	13.0	10.6	9.7	8.1	6.1
-55°	19.5	15.9	12.8	10.7	9.7	8.1	6.1
-57.5°	19.1	15.6	12.6	10.7	9.8	8.0	6.1
-60°	18.5	15.2	12.3	10.7	9.8	8.0	6.1
-62.5°	17.9	14.8	12.2	10.7	9.7	7.9	6.1
-65°	17.3	14.3	12.1	10.7	9.6	7.9	6.1
-67.5°	16.6	13.8	11.9	10.6	9.5	7.8	6.1
-70°	15.8	13.4	11.6	10.5	9.3	7.7	6.1
-72.5°	15.0	12.9	11.4	10.3	9.2	7.7	6.1
-75°	14.1	12.3	11.1	10.1	9.1	7.6	6.1
-77.5°	13.2	11.8	10.8	9.9	8.9	7.5	6.1
-80°	12.2	11.3	10.5	9.6	8.8	7.4	6.1
-82.5°	11.6	10.9	10.1	9.4	8.6	7.4	6.1
-85°	11.1	10.5	9.8	9.1	8.4	7.3	6.1
-87.5°	10.6	10.0	9.4	8.9	8.3	7.2	6.1
-90°	4.0	4.5	5.1	5.6	6.1	6.1	6.1

(END OF REPORT)