

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: P1306085 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-1S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

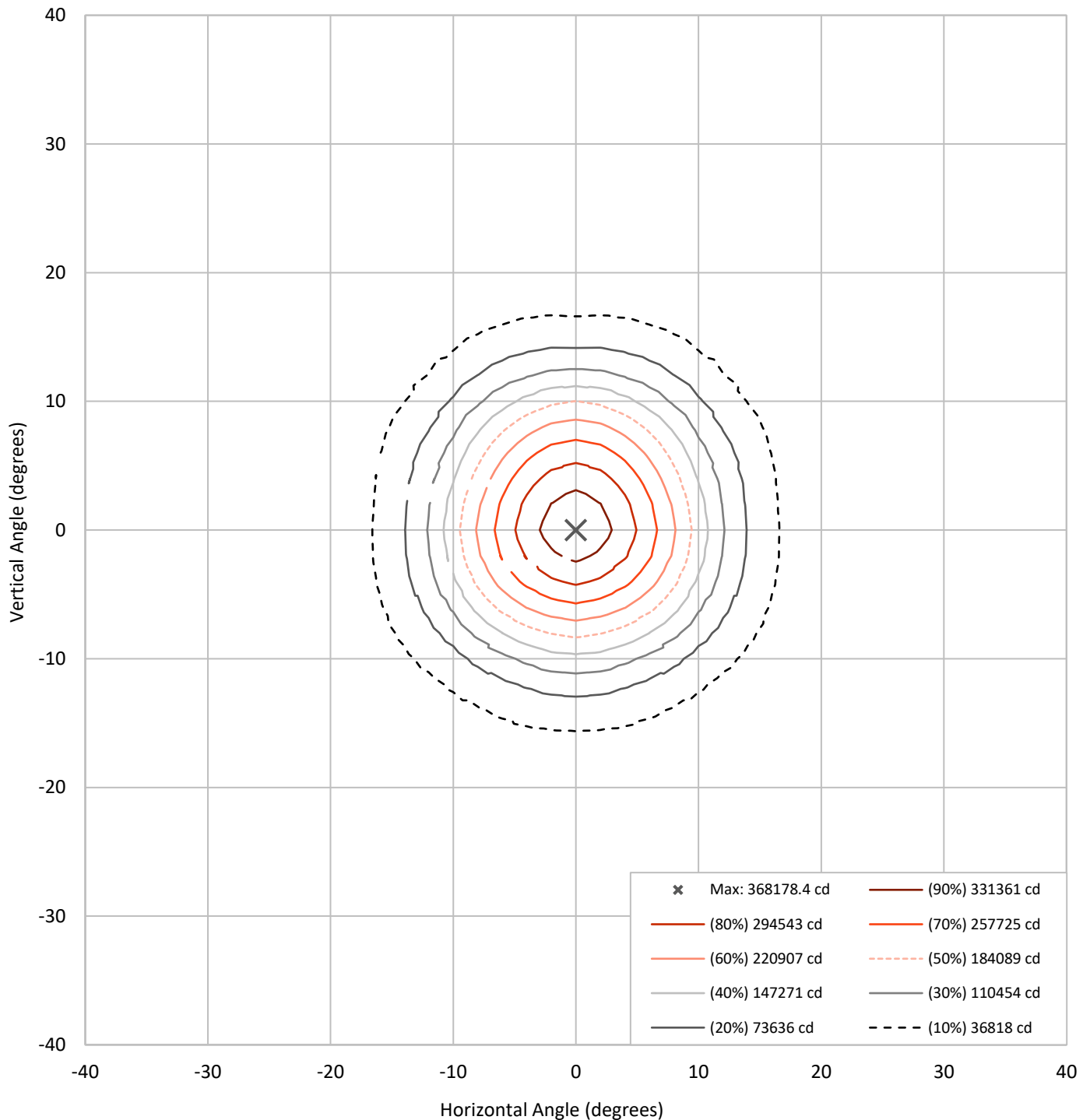
Test Method: LM-79-08  
Report Number: P1306085 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-57-70-1S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 1S 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:	44347.7 lumens	Max Intensity:	368178.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	20691.3 lumens	Field Lumens:	37581.1 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%
Input Watts (W):	336		
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



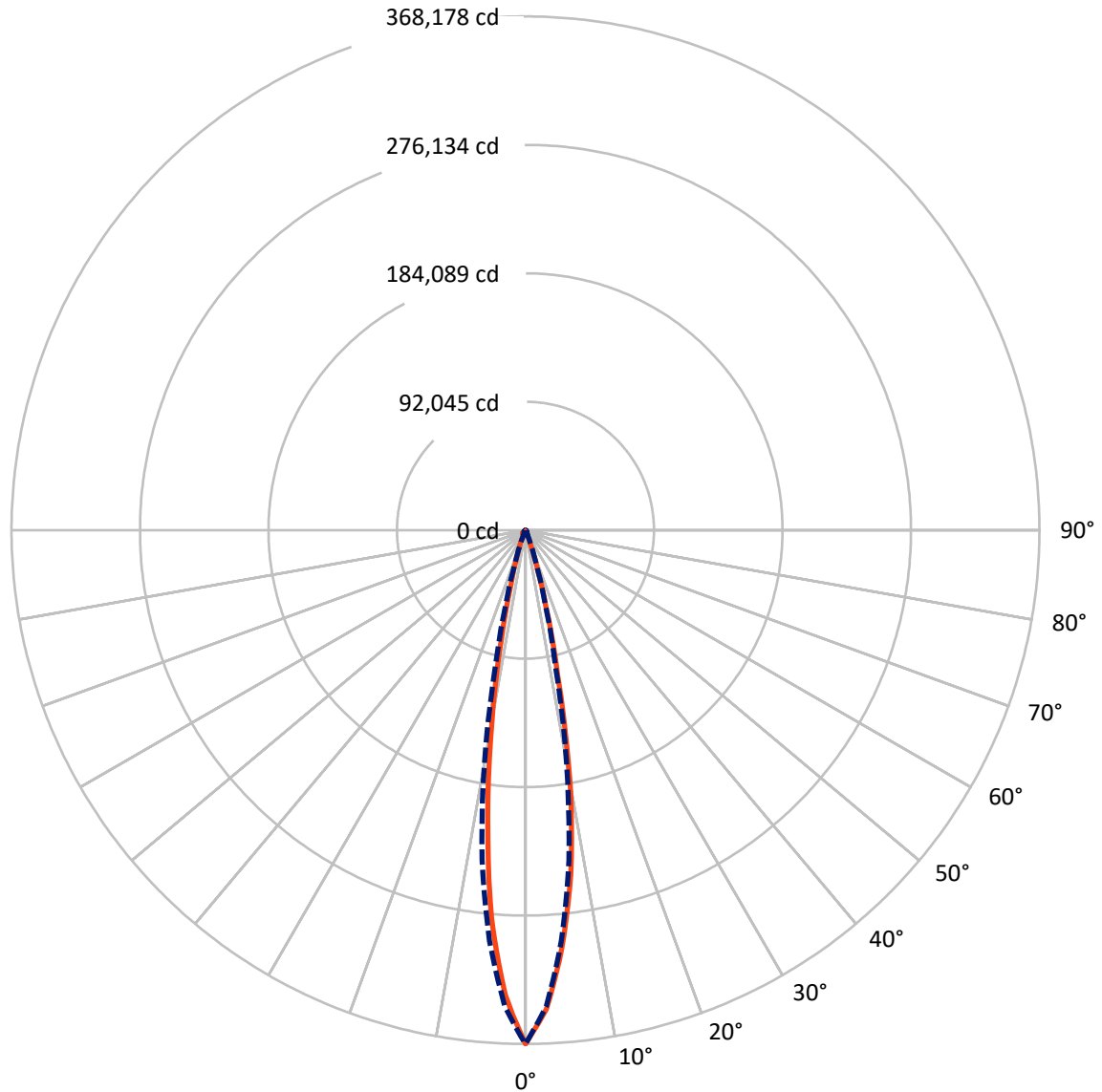
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### Lumen Table

90	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1								
80	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0						
70	0.1	0.0	0.1	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.0				0.1
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.3	0.3	0.5	0.7	0.6	0.6	0.7	0.5	0.3	0.3	0.3	0.1				0.1
40		0.2	0.5	1.2	2.5	3.5	5.0	6.2	6.2	5.0	3.5	2.5	1.2	0.5	0.2				
30	0.2	0.3	2.4	7.7	18.1	24.6	39.4	70.3	70.3	39.4	24.6	18.1	7.7	2.4	0.3				0.2
20		0.8	5.2	22.1	44.5	59.0	431.3	1738.2	1738.2	431.3	59.0	44.5	22.1	5.2	0.8				
10	0.2	1.2	6.6	29.8	49.6	108.4	1615.9	6978.5	6978.5	1615.9	108.4	49.6	29.8	6.6	1.2				0.2
0		1.5	7.0	29.3	49.5	105.2	1545.9	6464.6	6464.6	1545.9	105.2	49.5	29.3	7.0	1.5				
-10	0.3	1.8	6.7	23.5	45.6	57.6	344.3	1290.7	1290.7	344.3	57.6	45.6	23.5	6.7	1.8				0.3
-20		1.8	6.5	16.3	45.2	56.7	64.2	110.8	110.8	64.2	56.7	45.2	16.3	6.5	1.8				
-30	0.3	1.6	5.9	11.5	32.1	66.5	77.8	80.2	80.2	77.8	66.5	32.1	11.5	5.9	1.6				0.3
-40		1.1	4.5	10.1	17.0	30.6	55.4	75.2	75.2	55.4	30.6	17.0	10.1	4.5	1.1				
-50	0.2	0.6	2.6	6.8	13.0	18.9	23.8	26.8	26.8	23.8	18.9	13.0	6.8	2.6	0.6				0.2
-60		0.3	0.9	2.7	5.6	9.1	12.6	14.7	14.7	12.6	9.1	5.6	2.7	0.9	0.3				
-70	0.1	0.6	2.6	6.8	13.0	18.9	23.8	26.8	26.8	23.8	18.9	13.0	6.8	2.6	0.6				0.1
-80		0.3	0.9	2.7	5.6	9.1	12.6	14.7	14.7	12.6	9.1	5.6	2.7	0.9	0.3				
-90	0.1	0.7	2.0	4.6	6.3	4.6	2.0	0.7	0.1										

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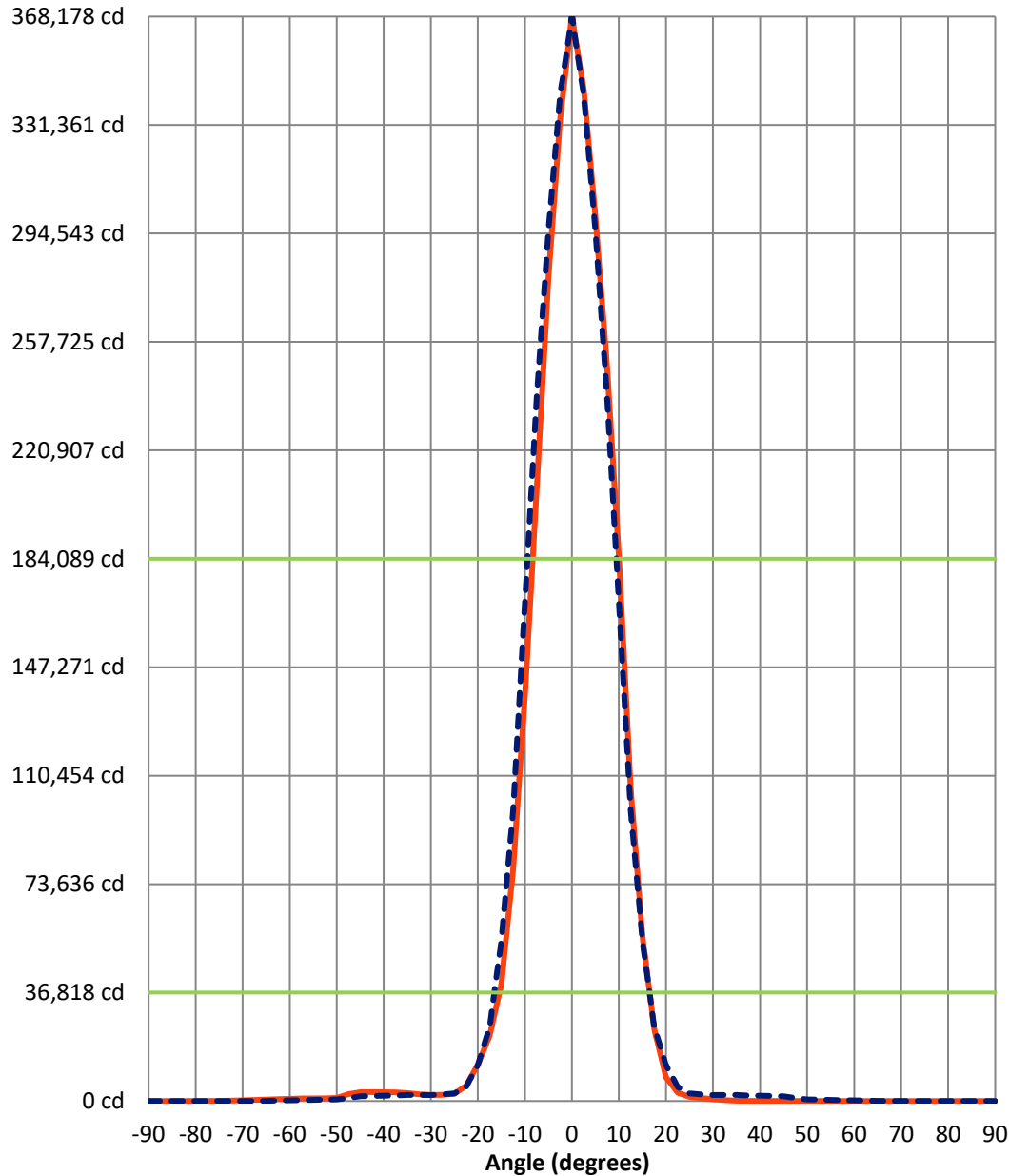
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 18.9°  
 V Angle: 18.3°  
 Lumens: 20691.3  
 Efficiency: 46.7%

**Field:**  
 H Angle: 33°  
 V Angle: 31.9°  
 Lumens: 37581.1  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 6766.6  
 Efficiency: 15.3%

— 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°	2.7	2.7	2.7	3.1	3.6	4.0	4.4	4.9	5.3	5.8	6.2
87.5°	2.7	2.7	2.7	2.5	2.3	2.2	2.0	2.0	2.0	1.9	1.8
85°	2.7	2.7	2.7	2.5	2.4	2.3	2.3	2.2	2.1	2.0	1.8
82.5°	2.7	2.8	2.7	2.6	2.5	2.5	2.5	2.4	2.3	2.2	2.1
80°	2.7	2.8	2.7	2.6	2.6	2.6	2.7	2.7	2.6	2.5	2.4
77.5°	2.7	2.8	2.7	2.6	2.6	2.8	3.0	3.0	2.9	2.9	2.7
75°	2.7	2.8	2.7	2.7	2.7	3.0	3.2	3.2	3.2	3.0	2.8
72.5°	2.7	2.8	2.7	2.7	2.9	3.1	3.4	3.4	3.2	3.0	2.8
70°	2.7	2.9	2.7	2.7	3.0	3.3	3.6	3.5	3.3	3.0	3.1
67.5°	2.7	2.9	2.8	2.8	3.2	3.5	3.6	3.5	3.3	3.4	3.5
65°	2.7	2.9	2.8	2.9	3.3	3.6	3.7	3.5	3.6	3.7	3.8
62.5°	2.7	2.9	2.8	3.0	3.5	3.7	3.7	3.7	3.9	4.0	3.9
60°	2.7	3.0	2.8	3.1	3.6	3.8	3.8	3.9	4.1	4.2	4.1
57.5°	2.7	3.0	2.9	3.2	3.7	3.8	3.9	4.2	4.4	4.4	4.4
55°	2.7	3.0	3.0	3.3	3.8	3.9	4.2	4.4	4.7	4.7	4.8
52.5°	2.7	3.0	3.1	3.4	3.8	4.0	4.4	4.7	5.0	5.1	5.2
50°	2.7	3.1	3.2	3.5	3.9	4.2	4.6	5.0	5.3	5.5	6.0
47.5°	2.7	3.1	3.2	3.6	4.0	4.4	4.8	5.3	5.6	5.8	6.9
45°	2.7	3.1	3.3	3.7	4.1	4.5	5.1	5.6	5.9	6.5	7.6
42.5°	2.7	3.1	3.4	3.8	4.2	4.7	5.4	5.9	6.3	7.1	9.0
40°	2.7	3.2	3.5	3.9	4.3	4.9	5.7	6.2	6.7	7.7	10.4
37.5°	2.7	3.2	3.6	4.0	4.5	5.0	6.0	6.5	7.3	8.5	11.7
35°	2.7	3.2	3.6	4.1	4.6	5.2	6.3	6.8	7.8	9.8	12.7
32.5°	2.7	3.3	3.7	4.2	4.7	5.5	6.6	7.1	8.4	11.0	13.8
30°	2.7	3.3	3.8	4.3	4.8	5.7	6.8	7.4	9.0	12.2	15.1
27.5°	2.7	3.3	3.8	4.4	5.0	6.0	7.0	7.9	9.8	13.3	16.6
25°	2.7	3.3	3.9	4.5	5.1	6.2	7.2	8.3	10.7	14.4	18.2
22.5°	2.7	3.4	4.0	4.6	5.2	6.4	7.4	8.8	11.5	15.7	20.8
20°	2.7	3.4	4.0	4.7	5.4	6.6	7.6	9.3	12.3	17.0	23.5
17.5°	2.7	3.4	4.1	4.8	5.5	6.7	7.8	9.7	13.1	18.4	26.4
15°	2.7	3.5	4.1	4.9	5.6	6.8	8.0	10.1	13.7	19.8	29.5
12.5°	2.7	3.5	4.2	4.9	5.7	6.9	8.1	10.4	14.4	21.2	32.5
10°	2.7	3.5	4.2	5.0	5.8	7.0	8.3	10.7	15.0	22.5	35.6
7.5°	2.7	3.5	4.3	5.1	5.9	7.0	8.5	11.0	15.6	23.7	38.6
5°	2.7	3.6	4.3	5.2	6.0	7.1	8.6	11.2	16.1	24.8	41.4
2.5°	2.7	3.6	4.4	5.2	6.1	7.1	8.8	11.4	16.5	25.8	43.9
0°	2.7	3.6	4.4	5.3	6.2	7.1	8.9	11.5	16.9	26.6	46.2
-2.5°	2.7	3.6	4.4	5.4	6.4	7.5	9.7	13.7	21.7	35.1	59.4
-5°	2.7	3.6	4.5	5.4	6.5	7.9	10.5	15.9	26.3	43.3	72.0
-7.5°	2.7	3.6	4.5	5.5	6.6	8.2	11.2	17.8	30.5	50.9	83.6
-10°	2.7	3.7	4.5	5.5	6.8	8.6	11.9	19.6	34.3	57.8	94.1
-12.5°	2.7	3.7	4.6	5.5	6.9	8.9	12.5	21.1	37.6	63.8	102.9
-15°	2.7	3.7	4.6	5.6	7.0	9.1	13.0	22.3	40.7	69.2	110.0
-17.5°	2.7	3.7	4.6	5.6	7.0	9.3	13.4	23.7	43.8	73.6	115.6
-20°	2.7	3.7	4.6	5.6	7.1	9.5	13.9	25.1	46.1	76.9	119.4



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 CATALOG NUMBER: EPH-08-320N-57-70-1S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.7	3.7	4.6	5.6	7.1	9.6	14.3	25.8	47.5	79.0	121.3
-25°	2.7	3.7	4.6	5.6	7.1	9.7	14.6	26.0	47.9	79.9	121.2
-27.5°	2.7	3.7	4.6	5.6	7.1	9.7	14.5	25.5	47.3	79.9	121.8
-30°	2.7	3.7	4.6	5.6	7.0	9.7	14.2	24.3	46.5	79.1	120.8
-32.5°	2.7	3.6	4.6	5.6	7.0	9.6	13.6	23.6	45.1	77.0	118.1
-35°	2.7	3.6	4.6	5.6	7.0	9.5	13.3	22.9	42.7	73.3	113.5
-37.5°	2.7	3.6	4.6	5.6	6.9	9.3	13.1	21.7	39.2	68.3	106.3
-40°	2.7	3.6	4.6	5.5	6.8	9.2	12.8	20.1	34.7	63.0	97.9
-42.5°	2.7	3.6	4.6	5.5	6.8	9.1	12.4	18.0	31.3	56.1	88.0
-45°	2.7	3.5	4.5	5.5	6.8	8.9	11.9	16.3	28.3	48.1	76.9
-47.5°	2.7	3.5	4.5	5.5	6.7	8.7	11.4	15.6	24.7	39.3	66.7
-50°	2.7	3.5	4.5	5.4	6.7	8.4	11.0	14.8	20.5	34.3	55.4
-52.5°	2.7	3.4	4.4	5.4	6.6	8.1	10.6	13.9	18.3	28.8	43.6
-55°	2.7	3.4	4.4	5.3	6.5	7.9	10.1	12.9	17.1	22.8	36.6
-57.5°	2.7	3.4	4.3	5.2	6.4	7.8	9.6	12.3	15.7	20.1	29.0
-60°	2.7	3.3	4.3	5.1	6.3	7.6	9.1	11.6	14.4	18.4	22.8
-62.5°	2.7	3.3	4.2	5.0	6.1	7.4	8.8	10.8	13.6	16.5	20.6
-65°	2.7	3.2	4.1	4.9	5.9	7.2	8.5	10.1	12.7	15.3	18.3
-67.5°	2.7	3.2	4.0	4.8	5.7	6.9	8.2	9.7	11.7	14.2	16.7
-70°	2.7	3.1	3.8	4.6	5.4	6.5	7.8	9.3	11.1	13.2	15.5
-72.5°	2.7	3.1	3.7	4.4	5.1	6.1	7.3	8.8	10.4	12.2	14.3
-75°	2.7	3.0	3.6	4.3	4.9	5.7	6.7	8.1	9.6	11.2	13.0
-77.5°	2.7	3.0	3.4	4.1	4.6	5.2	6.0	7.4	8.8	10.2	11.7
-80°	2.7	2.9	3.3	3.9	4.4	4.9	5.4	6.6	8.0	9.3	10.6
-82.5°	2.7	2.9	3.1	3.7	4.2	4.7	5.1	6.0	7.1	8.3	9.5
-85°	2.7	2.8	3.0	3.5	4.0	4.4	4.9	5.6	6.5	7.4	8.5
-87.5°	2.7	2.8	2.8	3.3	3.8	4.2	4.6	5.3	5.9	6.6	7.3
-90°	2.7	2.7	2.7	2.5	2.3	2.0	1.8	1.8	1.8	1.8	1.8



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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°	6.2	6.2	6.2	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8
87.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9	0.9	0.9	0.9
85°	1.8	1.8	1.8	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0
82.5°	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.6	1.5	1.4
80°	2.4	2.3	2.2	2.1	2.1	2.1	2.0	1.8	1.8	1.9	2.0
77.5°	2.6	2.5	2.5	2.6	2.5	2.4	2.3	2.3	2.4	2.5	2.7
75°	2.7	2.7	2.8	2.7	2.6	2.6	2.7	2.9	3.0	3.0	2.9
72.5°	2.8	3.0	2.9	2.8	2.9	3.1	3.3	3.5	3.9	4.4	4.9
70°	3.2	3.3	3.2	3.2	3.4	3.8	4.5	5.5	6.5	7.6	9.2
67.5°	3.5	3.4	3.5	3.7	4.3	5.1	6.2	9.8	13.9	15.6	16.1
65°	3.6	3.6	3.9	4.5	5.2	8.0	11.9	16.8	21.3	21.8	21.1
62.5°	3.6	3.9	4.5	5.7	8.4	12.2	16.4	21.0	26.1	26.4	23.1
60°	4.0	4.3	5.7	8.2	11.3	14.7	19.4	23.1	27.3	29.3	22.4
57.5°	4.4	5.2	7.4	10.4	13.6	16.1	18.6	22.4	24.7	25.1	18.5
55°	5.1	6.3	9.1	12.6	14.9	14.3	16.3	18.4	19.3	18.0	12.8
52.5°	6.2	7.6	11.2	14.1	14.6	13.4	13.4	14.4	13.4	11.5	10.1
50°	7.2	9.8	13.1	15.0	14.6	12.7	10.8	10.6	10.2	9.6	8.7
47.5°	8.8	11.9	14.7	15.9	14.0	12.2	9.8	9.5	9.5	9.1	8.3
45°	10.6	13.5	16.5	15.4	13.7	11.9	10.9	9.8	9.8	9.9	10.4
42.5°	12.2	14.9	16.3	15.0	13.8	13.3	13.1	11.7	11.6	14.0	14.9
40°	13.4	16.1	16.3	16.1	14.9	16.1	16.5	16.6	17.3	19.9	21.2
37.5°	14.3	16.5	17.5	19.2	18.0	19.9	20.9	30.6	31.7	26.8	36.8
35°	15.1	17.3	21.8	26.6	28.1	25.0	37.7	51.0	55.7	52.6	64.0
32.5°	15.9	18.4	27.5	39.1	49.6	46.9	59.3	82.4	97.1	104.6	113.6
30°	17.5	23.8	36.5	55.0	82.3	98.7	99.6	124.0	151.1	199.2	242.6
27.5°	20.2	30.9	51.8	85.2	127.3	161.5	167.8	183.6	245.6	336.6	451.1
25°	23.4	48.1	69.4	126.2	188.2	226.7	237.8	264.7	372.3	580.9	694.0
22.5°	32.1	70.9	99.1	174.1	256.5	289.7	313.1	410.8	604.9	880.7	965.7
20°	48.5	97.4	135.9	215.1	325.5	352.0	387.1	596.6	907.9	1137.6	1253.0
17.5°	67.9	124.1	172.8	255.7	352.9	401.9	476.2	809.5	1220.8	1385.8	1505.9
15°	89.6	150.8	204.8	291.4	377.0	435.0	615.7	1056.9	1485.5	1622.1	1739.6
12.5°	112.8	177.3	232.3	322.4	400.8	465.8	742.7	1230.9	1612.8	1805.9	1957.3
10°	136.7	203.3	255.9	348.9	423.9	494.2	861.6	1379.9	1677.1	1837.0	2004.1
7.5°	151.5	219.9	274.0	371.2	446.0	519.9	969.4	1504.0	1721.4	1846.7	1970.6
5°	162.6	225.6	278.6	381.3	462.5	538.9	1050.5	1602.6	1749.6	1839.3	1912.0
2.5°	171.1	229.5	281.7	386.8	474.9	548.4	1058.2	1618.2	1741.0	1825.3	1875.4
0°	176.7	231.8	283.3	389.0	484.9	555.0	1042.5	1610.0	1721.9	1808.9	1867.5
-2.5°	182.9	238.5	296.1	395.8	485.8	555.2	1027.6	1594.0	1740.9	1857.7	1955.0
-5°	186.7	243.9	306.9	400.0	484.1	553.0	994.2	1553.1	1738.5	1861.5	1980.8
-7.5°	188.4	248.1	315.4	401.2	477.2	542.4	937.4	1455.5	1665.3	1780.5	1928.1
-10°	189.1	253.4	319.3	395.0	463.7	525.8	861.7	1342.8	1589.8	1695.1	1850.3
-12.5°	190.9	259.8	321.8	388.7	450.0	507.5	769.1	1219.2	1513.7	1606.3	1764.4
-15°	190.9	264.9	323.6	383.4	436.7	487.5	660.4	1088.6	1472.1	1622.6	1752.5
-17.5°	189.3	268.9	325.0	379.6	424.4	466.2	540.2	971.9	1445.8	1657.6	1785.8
-20°	186.2	271.6	326.1	378.1	414.2	456.3	515.0	841.9	1312.4	1673.5	1830.0



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	181.9	273.1	327.2	376.9	417.5	457.3	506.8	694.5	1127.1	1671.5	1831.3
-25°	179.8	265.5	327.0	376.7	422.5	459.3	497.1	554.3	927.9	1433.6	1782.8
-27.5°	179.0	256.7	321.4	373.0	427.0	462.6	495.3	541.7	737.4	1148.8	1683.3
-30°	175.5	242.2	313.2	365.6	422.5	466.3	498.5	527.9	581.9	903.4	1348.2
-32.5°	167.5	227.0	297.8	354.7	411.7	469.9	499.6	525.0	564.8	659.9	1021.3
-35°	158.0	215.0	279.4	340.9	396.6	457.8	497.7	524.4	550.5	596.5	760.4
-37.5°	149.5	201.2	260.7	322.7	378.7	436.1	493.5	521.7	548.0	580.8	643.2
-40°	139.3	185.5	243.1	302.0	357.9	413.3	468.9	517.8	544.2	586.9	628.1
-42.5°	127.6	172.4	224.1	280.7	334.3	388.5	443.0	495.3	550.1	593.1	634.2
-45°	114.7	157.5	204.0	255.4	308.0	361.0	413.8	468.3	534.4	599.8	641.0
-47.5°	100.0	140.8	185.0	227.5	278.2	330.1	381.9	438.9	504.5	572.7	646.3
-50°	84.5	122.2	162.6	201.6	244.7	295.2	346.1	403.4	465.1	531.2	600.5
-52.5°	70.3	101.6	138.0	175.8	213.3	255.4	306.3	360.8	418.5	480.7	541.3
-55°	54.9	82.5	111.4	147.0	183.8	219.5	260.9	312.0	365.1	421.4	476.1
-57.5°	43.3	62.8	87.2	115.4	150.0	186.2	221.8	260.4	307.5	357.1	402.7
-60°	33.8	46.6	64.3	87.4	113.0	146.2	181.6	216.4	252.9	289.2	328.5
-62.5°	25.1	34.9	46.3	61.3	82.8	105.4	134.8	167.3	201.2	231.3	259.9
-65°	22.2	25.2	33.0	43.4	54.0	72.7	93.4	115.2	143.5	170.0	195.8
-67.5°	19.2	22.0	24.6	28.4	37.7	47.1	56.3	74.3	93.2	110.2	128.3
-70°	17.4	19.0	21.2	23.4	25.5	29.5	37.6	45.5	53.1	62.3	76.5
-72.5°	15.8	17.0	18.4	20.0	21.9	23.7	25.6	27.5	32.3	38.5	44.2
-75°	14.2	15.0	16.0	17.2	18.6	19.9	21.2	22.7	24.4	26.2	28.0
-77.5°	12.6	13.2	13.9	14.6	15.4	16.5	17.6	18.7	19.7	20.7	21.7
-80°	11.1	11.5	12.0	12.5	13.1	13.8	14.4	15.2	15.9	16.7	17.5
-82.5°	9.9	10.2	10.5	10.8	11.0	11.3	11.6	12.0	12.5	13.0	13.4
-85°	8.7	8.9	9.1	9.3	9.5	9.6	9.8	10.0	10.1	10.3	10.4
-87.5°	7.4	7.5	7.7	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7
-90°	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.0	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.8	9.8	9.8
87.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.7	0.4
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	1.3	1.3	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	0.9	0.9	0.9
77.5°	2.7	2.5	2.3	2.1	1.8	1.7	1.7	1.6	1.6	1.7	1.7
75°	2.8	2.7	2.8	2.8	2.7	2.6	2.4	2.2	1.9	1.8	1.8
72.5°	5.3	5.5	5.4	5.3	4.8	4.5	4.3	4.1	3.9	3.8	3.8
70°	10.0	10.1	9.7	8.8	7.5	6.6	6.2	5.8	5.3	5.2	5.5
67.5°	15.3	14.0	12.8	11.4	9.5	8.3	7.8	7.3	6.8	6.6	6.6
65°	18.9	14.9	12.7	11.2	10.4	9.3	8.3	7.3	6.4	5.7	5.5
62.5°	18.7	13.0	10.5	9.4	8.5	7.8	6.8	5.9	5.2	4.7	4.6
60°	16.3	10.9	8.1	7.3	6.7	6.2	5.7	5.1	4.7	4.4	4.4
57.5°	12.7	8.4	6.2	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.6
55°	9.2	7.4	6.3	6.1	5.9	5.6	5.2	5.2	5.1	5.0	5.3
52.5°	8.0	7.3	7.0	6.8	6.4	6.2	6.1	6.1	6.2	6.4	6.5
50°	7.9	7.6	7.4	7.0	7.0	7.0	7.0	7.3	7.6	7.6	7.7
47.5°	8.2	8.1	8.4	7.9	8.1	8.6	8.8	9.0	9.6	9.8	9.7
45°	9.7	10.9	11.3	11.2	10.9	14.2	14.9	13.7	18.8	18.1	14.1
42.5°	14.9	16.5	17.5	20.7	25.4	28.5	36.8	50.6	45.2	34.1	22.1
40°	25.5	25.1	29.9	35.8	39.3	45.7	55.9	69.1	63.8	54.1	57.8
37.5°	45.0	45.5	47.1	54.9	57.7	50.6	65.5	64.4	54.6	69.9	71.6
35°	82.5	91.3	77.6	94.4	98.4	92.3	97.8	108.2	93.6	113.2	119.4
32.5°	148.5	163.6	164.2	168.1	182.1	195.6	199.4	227.4	236.5	260.2	285.6
30°	237.1	265.1	288.8	295.2	313.9	347.2	374.7	428.7	486.6	530.0	587.1
27.5°	427.4	402.1	455.0	519.5	498.9	547.3	646.5	724.5	839.7	922.7	967.5
25°	691.3	650.2	746.7	844.9	845.1	853.3	996.8	1121.8	1216.1	1291.0	1356.7
22.5°	1002.7	1053.9	1140.5	1254.5	1195.1	1249.3	1391.7	1493.2	1625.4	1754.9	2142.9
20°	1351.8	1455.4	1526.6	1509.5	1506.9	1599.1	1724.4	1920.4	2320.1	3728.9	5074.4
17.5°	1659.3	1785.2	1778.9	1707.3	1741.3	1896.0	2123.4	2884.5	4903.4	9479.3	13761.7
15°	1897.8	1953.9	1916.9	1874.1	1950.1	2181.8	2750.5	5211.6	11338.5	18666.1	27030.2
12.5°	2057.1	2035.1	1938.2	1945.3	2125.7	2451.3	4384.2	10144.2	19003.4	29409.8	50438.4
10°	2118.7	2058.4	1973.7	2052.1	2298.3	3081.9	5896.8	14084.8	27478.9	49114.1	77457.9
7.5°	2076.8	2025.4	2001.5	2140.0	2467.7	4081.5	9166.3	19921.8	39388.6	67288.8	107175.8
5°	2049.7	2015.3	2020.4	2197.7	2574.8	4816.6	11477.0	23593.9	48857.8	84864.7	135609.6
2.5°	2048.1	2027.6	2036.6	2237.8	2635.2	5192.9	12778.7	24205.4	52184.0	94425.0	158875.1
0°	2070.0	2056.7	2048.7	2245.8	2606.3	4824.6	12260.0	25187.9	54465.9	98738.3	168982.6
-2.5°	2172.2	2063.2	2058.6	2245.4	2638.2	5098.4	12563.7	24848.6	53642.3	94751.8	158139.9
-5°	2147.8	2024.5	2004.8	2161.6	2528.3	4591.2	10999.0	22948.3	47119.2	80567.9	130344.4
-7.5°	2050.7	1968.4	1933.4	2058.2	2377.1	3853.6	8529.9	18118.0	35481.6	60729.1	93926.8
-10°	1971.8	1917.4	1865.8	1952.2	2194.6	2945.0	5437.7	12154.8	24134.9	41297.0	60308.7
-12.5°	1930.3	1904.6	1811.4	1835.6	2005.0	2337.8	3804.8	8215.8	15114.5	22424.8	36632.5
-15°	1901.0	1881.5	1794.2	1788.4	1883.0	2079.8	2506.6	4261.6	8452.2	13714.9	19354.3
-17.5°	1874.4	1867.3	1821.0	1770.8	1782.6	1896.7	2131.7	2754.9	4322.4	7667.6	11312.7
-20°	1887.2	1891.3	1856.0	1803.6	1784.9	1799.6	1921.7	2136.5	2533.5	3885.9	5537.3



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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°	1883.2	1895.2	1885.8	1889.5	1867.0	1832.6	1808.5	1902.3	2052.5	2293.0	2903.8
-25°	1882.7	1899.3	1969.9	2060.2	2050.7	1968.8	1883.1	1808.8	1894.8	1998.7	2150.3
-27.5°	1854.9	1962.7	2138.2	2271.4	2309.6	2219.8	2099.8	1975.0	1961.3	1957.9	2016.3
-30°	1845.7	2077.3	2284.5	2474.3	2501.0	2455.7	2400.1	2311.2	2215.7	2162.8	2134.6
-32.5°	1567.2	2127.9	2381.2	2551.9	2594.2	2592.2	2604.6	2562.4	2532.6	2498.5	2450.2
-35°	1189.8	1778.3	2398.3	2477.0	2545.8	2607.1	2689.2	2710.1	2726.7	2745.6	2762.5
-37.5°	830.9	1289.6	1804.7	2254.2	2397.0	2503.7	2649.0	2755.7	2844.4	2888.4	2941.3
-40°	688.3	815.1	1214.2	1594.0	1968.4	2313.6	2470.1	2651.9	2821.8	2916.2	3002.6
-42.5°	674.1	719.3	767.2	1032.2	1349.0	1674.8	1994.9	2285.1	2594.3	2800.4	2952.1
-45°	678.7	701.5	729.5	776.0	825.7	1074.3	1342.5	1616.3	1954.2	2284.3	2572.5
-47.5°	678.1	698.9	721.1	743.6	773.2	819.6	867.2	944.7	1184.3	1437.7	1682.8
-50°	654.6	696.9	717.6	738.6	760.2	783.1	807.1	841.1	881.7	919.7	950.4
-52.5°	595.3	645.1	693.0	733.1	752.9	773.0	794.4	822.7	849.3	874.3	887.2
-55°	528.3	577.9	626.3	669.4	710.1	749.3	785.6	811.6	838.1	865.2	876.2
-57.5°	451.2	501.3	549.4	589.6	630.1	670.7	708.4	744.5	780.6	814.7	833.8
-60°	369.2	411.0	454.1	495.3	534.7	572.3	607.3	641.5	674.3	703.0	721.0
-62.5°	288.6	321.6	357.9	393.7	428.3	461.7	494.1	524.9	554.0	578.5	595.5
-65°	220.9	245.5	270.6	296.3	322.7	351.5	378.6	404.3	428.3	448.3	463.1
-67.5°	150.0	171.3	191.6	210.7	230.0	250.4	271.0	290.4	308.4	323.1	334.6
-70°	90.2	103.4	116.3	130.1	145.6	160.4	175.0	188.8	201.6	211.6	219.2
-72.5°	49.2	53.9	60.3	70.9	80.6	89.7	98.0	105.5	112.2	117.7	122.3
-75°	29.9	32.4	36.3	40.0	43.6	47.1	50.4	53.4	56.1	58.4	60.3
-77.5°	22.9	24.2	25.5	26.6	27.7	28.9	30.1	31.1	32.1	33.0	33.8
-80°	18.3	19.0	19.8	20.4	21.1	21.8	22.5	23.3	24.0	24.5	24.9
-82.5°	13.9	14.7	15.3	15.9	16.5	16.9	17.3	17.7	18.0	18.4	18.8
-85°	10.6	11.0	11.6	12.1	12.6	12.8	12.9	13.0	13.1	13.4	13.7
-87.5°	8.7	9.0	9.2	9.5	9.7	10.0	10.2	10.4	10.7	10.9	11.1
-90°	0.9	0.7	0.5	0.2	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°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.6
87.5°	0.2	0.0	0.4	0.9	0.4	0.0	0.2	0.4	0.7	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
75°	1.8	1.8	2.2	2.7	2.2	1.8	1.8	1.8	1.8	1.9	2.2
72.5°	3.7	3.6	3.6	3.6	3.6	3.6	3.7	3.8	3.8	3.9	4.1
70°	5.8	6.1	6.2	6.2	6.2	6.1	5.8	5.5	5.2	5.3	5.8
67.5°	6.4	6.2	5.4	4.4	5.4	6.2	6.4	6.6	6.6	6.8	7.3
65°	5.4	5.3	4.9	4.4	4.9	5.3	5.4	5.5	5.7	6.4	7.3
62.5°	4.5	4.4	4.4	4.4	4.4	4.4	4.5	4.6	4.7	5.2	5.9
60°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.7	5.1
57.5°	4.9	5.2	5.3	5.3	5.3	5.2	4.9	4.6	4.4	4.6	4.9
55°	5.7	6.0	6.2	6.2	6.2	6.0	5.7	5.3	5.0	5.1	5.2
52.5°	6.5	6.3	6.5	7.1	6.5	6.3	6.5	6.5	6.4	6.2	6.1
50°	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.6	7.3
47.5°	9.9	9.8	9.8	9.8	9.8	9.8	9.9	9.7	9.8	9.6	9.0
45°	14.6	14.8	15.2	16.0	15.2	14.8	14.6	14.1	18.1	18.8	13.7
42.5°	23.1	23.6	23.8	24.0	23.8	23.6	23.1	22.1	34.1	45.2	50.6
40°	54.8	43.6	32.7	32.9	32.7	43.6	54.8	57.8	54.1	63.8	69.1
37.5°	63.0	57.2	55.0	54.2	55.0	57.2	63.0	71.6	69.9	54.6	64.4
35°	119.3	121.4	118.7	119.9	118.7	121.4	119.3	119.4	113.2	93.6	108.2
32.5°	293.7	305.6	301.3	302.8	301.3	305.6	293.7	285.6	260.2	236.5	227.4
30°	610.1	646.8	655.1	652.7	655.1	646.8	610.1	587.1	530.0	486.6	428.7
27.5°	985.6	1014.6	1020.6	1015.0	1020.6	1014.6	985.6	967.5	922.7	839.7	724.5
25°	1393.0	1420.7	1436.3	1428.8	1436.3	1420.7	1393.0	1356.7	1291.0	1216.1	1121.8
22.5°	2592.2	2718.0	2779.4	2863.0	2779.4	2718.0	2592.2	2142.9	1754.9	1625.4	1493.2
20°	7644.8	8513.8	8349.2	8169.8	8349.2	8513.8	7644.8	5074.4	3728.9	2320.1	1920.4
17.5°	19082.6	23355.4	25390.0	24561.8	25390.0	23355.4	19082.6	13761.7	9479.3	4903.4	2884.5
15°	39029.4	50967.9	57948.2	56084.8	57948.2	50967.9	39029.4	27030.2	18666.1	11338.5	5211.6
12.5°	70702.0	89675.8	104211.6	106292.3	104211.6	89675.8	70702.0	50438.4	29409.8	19003.4	10144.2
10°	111190.0	146251.9	175146.5	184580.7	175146.5	146251.9	111190.0	77457.9	49114.1	27478.9	14084.8
7.5°	159449.8	206255.0	239578.6	248841.1	239578.6	206255.0	159449.8	107175.8	67288.8	39388.6	19921.8
5°	198154.8	252021.3	288923.4	300258.0	288923.4	252021.3	198154.8	135609.6	84864.7	48857.8	23593.9
2.5°	227145.9	283646.9	324796.7	343599.3	324796.7	283646.9	227145.9	158875.1	94425.0	52184.0	24205.4
0°	238376.6	295313.5	341456.9	368178.4	341456.9	295313.5	238376.6	168982.6	98738.3	54465.9	25187.9
-2.5°	227390.5	280325.8	315859.2	333381.6	315859.2	280325.8	227390.5	158139.9	94751.8	53642.3	24848.6
-5°	189309.9	236150.6	266793.5	279163.9	266793.5	236150.6	189309.9	130344.4	80567.9	47119.2	22948.3
-7.5°	135645.1	174095.8	196936.5	207359.8	196936.5	174095.8	135645.1	93926.8	60729.1	35481.6	18118.0
-10°	88127.3	109410.3	132440.0	137369.0	132440.0	109410.3	88127.3	60308.7	41297.0	24134.9	12154.8
-12.5°	49648.8	63078.6	74524.4	78655.2	74524.4	63078.6	49648.8	36632.5	22424.8	15114.5	8215.8
-15°	26861.6	34513.4	38636.3	39650.2	38636.3	34513.4	26861.6	19354.3	13714.9	8452.2	4261.6
-17.5°	15422.1	19097.8	21201.2	22166.8	21201.2	19097.8	15422.1	11312.7	7667.6	4322.4	2754.9
-20°	8241.2	10315.2	11499.4	12371.0	11499.4	10315.2	8241.2	5537.3	3885.9	2533.5	2136.5



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3785.3	4424.6	4785.8	5194.0	4785.8	4424.6	3785.3	2903.8	2293.0	2052.5	1902.3
-25°	2281.9	2367.9	2419.7	2461.6	2419.7	2367.9	2281.9	2150.3	1998.7	1894.8	1808.8
-27.5°	2066.4	2094.5	2110.7	2127.7	2110.7	2094.5	2066.4	2016.3	1957.9	1961.3	1975.0
-30°	2110.4	2081.9	2072.0	2061.1	2072.0	2081.9	2110.4	2134.6	2162.8	2215.7	2311.2
-32.5°	2401.6	2346.2	2316.4	2288.4	2316.4	2346.2	2401.6	2450.2	2498.5	2532.6	2562.4
-35°	2756.0	2731.0	2717.9	2701.4	2717.9	2731.0	2756.0	2762.5	2745.6	2726.7	2710.1
-37.5°	2950.1	2945.8	2945.0	2936.7	2945.0	2945.8	2950.1	2941.3	2888.4	2844.4	2755.7
-40°	3012.6	3010.8	3006.5	3002.4	3006.5	3010.8	3012.6	3002.6	2916.2	2821.8	2651.9
-42.5°	2992.5	3019.3	3032.2	3032.6	3032.2	3019.3	2992.5	2952.1	2800.4	2594.3	2285.1
-45°	2756.1	2892.6	2972.1	2993.5	2972.1	2892.6	2756.1	2572.5	2284.3	1954.2	1616.3
-47.5°	1901.1	2093.7	2242.2	2335.5	2242.2	2093.7	1901.1	1682.8	1437.7	1184.3	944.7
-50°	977.3	1002.3	1027.6	1052.3	1027.6	1002.3	977.3	950.4	919.7	881.7	841.1
-52.5°	897.6	908.1	914.6	918.2	914.6	908.1	897.6	887.2	874.3	849.3	822.7
-55°	886.3	896.0	900.7	902.2	900.7	896.0	886.3	876.2	865.2	838.1	811.6
-57.5°	850.2	863.8	871.9	875.6	871.9	863.8	850.2	833.8	814.7	780.6	744.5
-60°	736.1	748.2	756.3	761.0	756.3	748.2	736.1	721.0	703.0	674.3	641.5
-62.5°	609.7	620.8	627.1	629.6	627.1	620.8	609.7	595.5	578.5	554.0	524.9
-65°	475.4	485.1	494.9	502.6	494.9	485.1	475.4	463.1	448.3	428.3	404.3
-67.5°	344.3	352.2	360.7	367.6	360.7	352.2	344.3	334.6	323.1	308.4	290.4
-70°	225.1	229.4	236.4	242.4	236.4	229.4	225.1	219.2	211.6	201.6	188.8
-72.5°	125.9	128.6	133.8	138.5	133.8	128.6	125.9	122.3	117.7	112.2	105.5
-75°	61.9	63.2	63.7	63.9	63.7	63.2	61.9	60.3	58.4	56.1	53.4
-77.5°	34.6	35.3	35.5	35.5	35.5	35.3	34.6	33.8	33.0	32.1	31.1
-80°	25.3	25.7	26.2	26.6	26.2	25.7	25.3	24.9	24.5	24.0	23.3
-82.5°	19.1	19.4	19.5	19.5	19.5	19.4	19.1	18.8	18.4	18.0	17.7
-85°	13.9	14.2	14.2	14.2	14.2	14.2	13.9	13.7	13.4	13.1	13.0
-87.5°	11.3	11.5	11.5	11.5	11.5	11.5	11.3	11.1	10.9	10.7	10.4
-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°	9.4	9.1	8.9	8.7	8.5	8.2	8.0	7.8	7.6	7.3	7.1
87.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3
82.5°	0.9	0.9	0.9	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.8
80°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.0	1.9	1.8	1.8
77.5°	1.7	1.7	1.8	2.1	2.3	2.5	2.7	2.7	2.5	2.4	2.3
75°	2.4	2.6	2.7	2.8	2.8	2.7	2.8	2.9	3.0	3.0	2.9
72.5°	4.3	4.5	4.8	5.3	5.4	5.5	5.3	4.9	4.4	3.9	3.5
70°	6.2	6.6	7.5	8.8	9.7	10.1	10.0	9.2	7.6	6.5	5.5
67.5°	7.8	8.3	9.5	11.4	12.8	14.0	15.3	16.1	15.6	13.9	9.8
65°	8.3	9.3	10.4	11.2	12.7	14.9	18.9	21.1	21.8	21.3	16.8
62.5°	6.8	7.8	8.5	9.4	10.5	13.0	18.7	23.1	26.4	26.1	21.0
60°	5.7	6.2	6.7	7.3	8.1	10.9	16.3	22.4	29.3	27.3	23.1
57.5°	5.2	5.5	5.8	6.1	6.2	8.4	12.7	18.5	25.1	24.7	22.4
55°	5.2	5.6	5.9	6.1	6.3	7.4	9.2	12.8	18.0	19.3	18.4
52.5°	6.1	6.2	6.4	6.8	7.0	7.3	8.0	10.1	11.5	13.4	14.4
50°	7.0	7.0	7.0	7.0	7.4	7.6	7.9	8.7	9.6	10.2	10.6
47.5°	8.8	8.6	8.1	7.9	8.4	8.1	8.2	8.3	9.1	9.5	9.5
45°	14.9	14.2	10.9	11.2	11.3	10.9	9.7	10.4	9.9	9.8	9.8
42.5°	36.8	28.5	25.4	20.7	17.5	16.5	14.9	14.9	14.0	11.6	11.7
40°	55.9	45.7	39.3	35.8	29.9	25.1	25.5	21.2	19.9	17.3	16.6
37.5°	65.5	50.6	57.7	54.9	47.1	45.5	45.0	36.8	26.8	31.7	30.6
35°	97.8	92.3	98.4	94.4	77.6	91.3	82.5	64.0	52.6	55.7	51.0
32.5°	199.4	195.6	182.1	168.1	164.2	163.6	148.5	113.6	104.6	97.1	82.4
30°	374.7	347.2	313.9	295.2	288.8	265.1	237.1	242.6	199.2	151.1	124.0
27.5°	646.5	547.3	498.9	519.5	455.0	402.1	427.4	451.1	336.6	245.6	183.6
25°	996.8	853.3	845.1	844.9	746.7	650.2	691.3	694.0	580.9	372.3	264.7
22.5°	1391.7	1249.3	1195.1	1254.5	1140.5	1053.9	1002.7	965.7	880.7	604.9	410.8
20°	1724.4	1599.1	1506.9	1509.5	1526.6	1455.4	1351.8	1253.0	1137.6	907.9	596.6
17.5°	2123.4	1896.0	1741.3	1707.3	1778.9	1785.2	1659.3	1505.9	1385.8	1220.8	809.5
15°	2750.5	2181.8	1950.1	1874.1	1916.9	1953.9	1897.8	1739.6	1622.1	1485.5	1056.9
12.5°	4384.2	2451.3	2125.7	1945.3	1938.2	2035.1	2057.1	1957.3	1805.9	1612.8	1230.9
10°	5896.8	3081.9	2298.3	2052.1	1973.7	2058.4	2118.7	2004.1	1837.0	1677.1	1379.9
7.5°	9166.3	4081.5	2467.7	2140.0	2001.5	2025.4	2076.8	1970.6	1846.7	1721.4	1504.0
5°	11477.0	4816.6	2574.8	2197.7	2020.4	2015.3	2049.7	1912.0	1839.3	1749.6	1602.6
2.5°	12778.7	5192.9	2635.2	2237.8	2036.6	2027.6	2048.1	1875.4	1825.3	1741.0	1618.2
0°	<b>12260.0</b>	<b>4824.6</b>	<b>2606.3</b>	<b>2245.8</b>	<b>2048.7</b>	<b>2056.7</b>	<b>2070.0</b>	<b>1867.5</b>	<b>1808.9</b>	<b>1721.9</b>	<b>1610.0</b>
-2.5°	12563.7	5098.4	2638.2	2245.4	2058.6	2063.2	2172.2	1955.0	1857.7	1740.9	1594.0
-5°	10999.0	4591.2	2528.3	2161.6	2004.8	2024.5	2147.8	1980.8	1861.5	1738.5	1553.1
-7.5°	8529.9	3853.6	2377.1	2058.2	1933.4	1968.4	2050.7	1928.1	1780.5	1665.3	1455.5
-10°	5437.7	2945.0	2194.6	1952.2	1865.8	1917.4	1971.8	1850.3	1695.1	1589.8	1342.8
-12.5°	3804.8	2337.8	2005.0	1835.6	1811.4	1904.6	1930.3	1764.4	1606.3	1513.7	1219.2
-15°	2506.6	2079.8	1883.0	1788.4	1794.2	1881.5	1901.0	1752.5	1622.6	1472.1	1088.6
-17.5°	2131.7	1896.7	1782.6	1770.8	1821.0	1867.3	1874.4	1785.8	1657.6	1445.8	971.9
-20°	1921.7	1799.6	1784.9	1803.6	1856.0	1891.3	1887.2	1830.0	1673.5	1312.4	841.9



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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°	1808.5	1832.6	1867.0	1889.5	1885.8	1895.2	1883.2	1831.3	1671.5	1127.1	694.5
-25°	1883.1	1968.8	2050.7	2060.2	1969.9	1899.3	1882.7	1782.8	1433.6	927.9	554.3
-27.5°	2099.8	2219.8	2309.6	2271.4	2138.2	1962.7	1854.9	1683.3	1148.8	737.4	541.7
-30°	2400.1	2455.7	2501.0	2474.3	2284.5	2077.3	1845.7	1348.2	903.4	581.9	527.9
-32.5°	2604.6	2592.2	2594.2	2551.9	2381.2	2127.9	1567.2	1021.3	659.9	564.8	525.0
-35°	2689.2	2607.1	2545.8	2477.0	2398.3	1778.3	1189.8	760.4	596.5	550.5	524.4
-37.5°	2649.0	2503.7	2397.0	2254.2	1804.7	1289.6	830.9	643.2	580.8	548.0	521.7
-40°	2470.1	2313.6	1968.4	1594.0	1214.2	815.1	688.3	628.1	586.9	544.2	517.8
-42.5°	1994.9	1674.8	1349.0	1032.2	767.2	719.3	674.1	634.2	593.1	550.1	495.3
-45°	1342.5	1074.3	825.7	776.0	729.5	701.5	678.7	641.0	599.8	534.4	468.3
-47.5°	867.2	819.6	773.2	743.6	721.1	698.9	678.1	646.3	572.7	504.5	438.9
-50°	807.1	783.1	760.2	738.6	717.6	696.9	654.6	600.5	531.2	465.1	403.4
-52.5°	794.4	773.0	752.9	733.1	693.0	645.1	595.3	541.3	480.7	418.5	360.8
-55°	785.6	749.3	710.1	669.4	626.3	577.9	528.3	476.1	421.4	365.1	312.0
-57.5°	708.4	670.7	630.1	589.6	549.4	501.3	451.2	402.7	357.1	307.5	260.4
-60°	607.3	572.3	534.7	495.3	454.1	411.0	369.2	328.5	289.2	252.9	216.4
-62.5°	494.1	461.7	428.3	393.7	357.9	321.6	288.6	259.9	231.3	201.2	167.3
-65°	378.6	351.5	322.7	296.3	270.6	245.5	220.9	195.8	170.0	143.5	115.2
-67.5°	271.0	250.4	230.0	210.7	191.6	171.3	150.0	128.3	110.2	93.2	74.3
-70°	175.0	160.4	145.6	130.1	116.3	103.4	90.2	76.5	62.3	53.1	45.5
-72.5°	98.0	89.7	80.6	70.9	60.3	53.9	49.2	44.2	38.5	32.3	27.5
-75°	50.4	47.1	43.6	40.0	36.3	32.4	29.9	28.0	26.2	24.4	22.7
-77.5°	30.1	28.9	27.7	26.6	25.5	24.2	22.9	21.7	20.7	19.7	18.7
-80°	22.5	21.8	21.1	20.4	19.8	19.0	18.3	17.5	16.7	15.9	15.2
-82.5°	17.3	16.9	16.5	15.9	15.3	14.7	13.9	13.4	13.0	12.5	12.0
-85°	12.9	12.8	12.6	12.1	11.6	11.0	10.6	10.4	10.3	10.1	10.0
-87.5°	10.2	10.0	9.7	9.5	9.2	9.0	8.7	8.7	8.6	8.5	8.4
-90°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.9	6.7	6.4	6.2	6.2	6.2	6.2	6.2	5.8	5.3	4.9
87.5°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0
85°	1.4	1.5	1.6	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.2
82.5°	1.8	1.8	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4
80°	2.0	2.1	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7
77.5°	2.3	2.4	2.5	2.6	2.5	2.5	2.6	2.7	2.9	2.9	3.0
75°	2.7	2.6	2.6	2.7	2.8	2.7	2.7	2.8	3.0	3.2	3.2
72.5°	3.3	3.1	2.9	2.8	2.9	3.0	2.8	2.8	3.0	3.2	3.4
70°	4.5	3.8	3.4	3.2	3.2	3.3	3.2	3.1	3.0	3.3	3.5
67.5°	6.2	5.1	4.3	3.7	3.5	3.4	3.5	3.5	3.4	3.3	3.5
65°	11.9	8.0	5.2	4.5	3.9	3.6	3.6	3.8	3.7	3.6	3.5
62.5°	16.4	12.2	8.4	5.7	4.5	3.9	3.6	3.9	4.0	3.9	3.7
60°	19.4	14.7	11.3	8.2	5.7	4.3	4.0	4.1	4.2	4.1	3.9
57.5°	18.6	16.1	13.6	10.4	7.4	5.2	4.4	4.4	4.4	4.4	4.2
55°	16.3	14.3	14.9	12.6	9.1	6.3	5.1	4.8	4.7	4.7	4.4
52.5°	13.4	13.4	14.6	14.1	11.2	7.6	6.2	5.2	5.1	5.0	4.7
50°	10.8	12.7	14.6	15.0	13.1	9.8	7.2	6.0	5.5	5.3	5.0
47.5°	9.8	12.2	14.0	15.9	14.7	11.9	8.8	6.9	5.8	5.6	5.3
45°	10.9	11.9	13.7	15.4	16.5	13.5	10.6	7.6	6.5	5.9	5.6
42.5°	13.1	13.3	13.8	15.0	16.3	14.9	12.2	9.0	7.1	6.3	5.9
40°	16.5	16.1	14.9	16.1	16.3	16.1	13.4	10.4	7.7	6.7	6.2
37.5°	20.9	19.9	18.0	19.2	17.5	16.5	14.3	11.7	8.5	7.3	6.5
35°	37.7	25.0	28.1	26.6	21.8	17.3	15.1	12.7	9.8	7.8	6.8
32.5°	59.3	46.9	49.6	39.1	27.5	18.4	15.9	13.8	11.0	8.4	7.1
30°	99.6	98.7	82.3	55.0	36.5	23.8	17.5	15.1	12.2	9.0	7.4
27.5°	167.8	161.5	127.3	85.2	51.8	30.9	20.2	16.6	13.3	9.8	7.9
25°	237.8	226.7	188.2	126.2	69.4	48.1	23.4	18.2	14.4	10.7	8.3
22.5°	313.1	289.7	256.5	174.1	99.1	70.9	32.1	20.8	15.7	11.5	8.8
20°	387.1	352.0	325.5	215.1	135.9	97.4	48.5	23.5	17.0	12.3	9.3
17.5°	476.2	401.9	352.9	255.7	172.8	124.1	67.9	26.4	18.4	13.1	9.7
15°	615.7	435.0	377.0	291.4	204.8	150.8	89.6	29.5	19.8	13.7	10.1
12.5°	742.7	465.8	400.8	322.4	232.3	177.3	112.8	32.5	21.2	14.4	10.4
10°	861.6	494.2	423.9	348.9	255.9	203.3	136.7	35.6	22.5	15.0	10.7
7.5°	969.4	519.9	446.0	371.2	274.0	219.9	151.5	38.6	23.7	15.6	11.0
5°	1050.5	538.9	462.5	381.3	278.6	225.6	162.6	41.4	24.8	16.1	11.2
2.5°	1058.2	548.4	474.9	386.8	281.7	229.5	171.1	43.9	25.8	16.5	11.4
0°	1042.5	555.0	484.9	389.0	283.3	231.8	176.7	46.2	26.6	16.9	11.5
-2.5°	1027.6	555.2	485.8	395.8	296.1	238.5	182.9	59.4	35.1	21.7	13.7
-5°	994.2	553.0	484.1	400.0	306.9	243.9	186.7	72.0	43.3	26.3	15.9
-7.5°	937.4	542.4	477.2	401.2	315.4	248.1	188.4	83.6	50.9	30.5	17.8
-10°	861.7	525.8	463.7	395.0	319.3	253.4	189.1	94.1	57.8	34.3	19.6
-12.5°	769.1	507.5	450.0	388.7	321.8	259.8	190.9	102.9	63.8	37.6	21.1
-15°	660.4	487.5	436.7	383.4	323.6	264.9	190.9	110.0	69.2	40.7	22.3
-17.5°	540.2	466.2	424.4	379.6	325.0	268.9	189.3	115.6	73.6	43.8	23.7
-20°	515.0	456.3	414.2	378.1	326.1	271.6	186.2	119.4	76.9	46.1	25.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	506.8	457.3	417.5	376.9	327.2	273.1	181.9	121.3	79.0	47.5	25.8
-25°	497.1	459.3	422.5	376.7	327.0	265.5	179.8	121.2	79.9	47.9	26.0
-27.5°	495.3	462.6	427.0	373.0	321.4	256.7	179.0	121.8	79.9	47.3	25.5
-30°	498.5	466.3	422.5	365.6	313.2	242.2	175.5	120.8	79.1	46.5	24.3
-32.5°	499.6	469.9	411.7	354.7	297.8	227.0	167.5	118.1	77.0	45.1	23.6
-35°	497.7	457.8	396.6	340.9	279.4	215.0	158.0	113.5	73.3	42.7	22.9
-37.5°	493.5	436.1	378.7	322.7	260.7	201.2	149.5	106.3	68.3	39.2	21.7
-40°	468.9	413.3	357.9	302.0	243.1	185.5	139.3	97.9	63.0	34.7	20.1
-42.5°	443.0	388.5	334.3	280.7	224.1	172.4	127.6	88.0	56.1	31.3	18.0
-45°	413.8	361.0	308.0	255.4	204.0	157.5	114.7	76.9	48.1	28.3	16.3
-47.5°	381.9	330.1	278.2	227.5	185.0	140.8	100.0	66.7	39.3	24.7	15.6
-50°	346.1	295.2	244.7	201.6	162.6	122.2	84.5	55.4	34.3	20.5	14.8
-52.5°	306.3	255.4	213.3	175.8	138.0	101.6	70.3	43.6	28.8	18.3	13.9
-55°	260.9	219.5	183.8	147.0	111.4	82.5	54.9	36.6	22.8	17.1	12.9
-57.5°	221.8	186.2	150.0	115.4	87.2	62.8	43.3	29.0	20.1	15.7	12.3
-60°	181.6	146.2	113.0	87.4	64.3	46.6	33.8	22.8	18.4	14.4	11.6
-62.5°	134.8	105.4	82.8	61.3	46.3	34.9	25.1	20.6	16.5	13.6	10.8
-65°	93.4	72.7	54.0	43.4	33.0	25.2	22.2	18.3	15.3	12.7	10.1
-67.5°	56.3	47.1	37.7	28.4	24.6	22.0	19.2	16.7	14.2	11.7	9.7
-70°	37.6	29.5	25.5	23.4	21.2	19.0	17.4	15.5	13.2	11.1	9.3
-72.5°	25.6	23.7	21.9	20.0	18.4	17.0	15.8	14.3	12.2	10.4	8.8
-75°	21.2	19.9	18.6	17.2	16.0	15.0	14.2	13.0	11.2	9.6	8.1
-77.5°	17.6	16.5	15.4	14.6	13.9	13.2	12.6	11.7	10.2	8.8	7.4
-80°	14.4	13.8	13.1	12.5	12.0	11.5	11.1	10.6	9.3	8.0	6.6
-82.5°	11.6	11.3	11.0	10.8	10.5	10.2	9.9	9.5	8.3	7.1	6.0
-85°	9.8	9.6	9.5	9.3	9.1	8.9	8.7	8.5	7.4	6.5	5.6
-87.5°	8.2	8.1	7.9	7.7	7.7	7.5	7.4	7.3	6.6	5.9	5.3
-90°	0.9	0.9	0.9	0.9	1.1	1.4	1.6	1.8	1.8	1.8	1.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.4	4.0	3.6	3.1	2.7	2.7	2.7
87.5°	2.0	2.2	2.3	2.5	2.7	2.7	2.7
85°	2.3	2.3	2.4	2.5	2.7	2.7	2.7
82.5°	2.5	2.5	2.5	2.6	2.7	2.8	2.7
80°	2.7	2.6	2.6	2.6	2.7	2.8	2.7
77.5°	3.0	2.8	2.6	2.6	2.7	2.8	2.7
75°	3.2	3.0	2.7	2.7	2.7	2.8	2.7
72.5°	3.4	3.1	2.9	2.7	2.7	2.8	2.7
70°	3.6	3.3	3.0	2.7	2.7	2.9	2.7
67.5°	3.6	3.5	3.2	2.8	2.8	2.9	2.7
65°	3.7	3.6	3.3	2.9	2.8	2.9	2.7
62.5°	3.7	3.7	3.5	3.0	2.8	2.9	2.7
60°	3.8	3.8	3.6	3.1	2.8	3.0	2.7
57.5°	3.9	3.8	3.7	3.2	2.9	3.0	2.7
55°	4.2	3.9	3.8	3.3	3.0	3.0	2.7
52.5°	4.4	4.0	3.8	3.4	3.1	3.0	2.7
50°	4.6	4.2	3.9	3.5	3.2	3.1	2.7
47.5°	4.8	4.4	4.0	3.6	3.2	3.1	2.7
45°	5.1	4.5	4.1	3.7	3.3	3.1	2.7
42.5°	5.4	4.7	4.2	3.8	3.4	3.1	2.7
40°	5.7	4.9	4.3	3.9	3.5	3.2	2.7
37.5°	6.0	5.0	4.5	4.0	3.6	3.2	2.7
35°	6.3	5.2	4.6	4.1	3.6	3.2	2.7
32.5°	6.6	5.5	4.7	4.2	3.7	3.3	2.7
30°	6.8	5.7	4.8	4.3	3.8	3.3	2.7
27.5°	7.0	6.0	5.0	4.4	3.8	3.3	2.7
25°	7.2	6.2	5.1	4.5	3.9	3.3	2.7
22.5°	7.4	6.4	5.2	4.6	4.0	3.4	2.7
20°	7.6	6.6	5.4	4.7	4.0	3.4	2.7
17.5°	7.8	6.7	5.5	4.8	4.1	3.4	2.7
15°	8.0	6.8	5.6	4.9	4.1	3.5	2.7
12.5°	8.1	6.9	5.7	4.9	4.2	3.5	2.7
10°	8.3	7.0	5.8	5.0	4.2	3.5	2.7
7.5°	8.5	7.0	5.9	5.1	4.3	3.5	2.7
5°	8.6	7.1	6.0	5.2	4.3	3.6	2.7
2.5°	8.8	7.1	6.1	5.2	4.4	3.6	2.7
0°	8.9	7.1	6.2	5.3	4.4	3.6	2.7
-2.5°	9.7	7.5	6.4	5.4	4.4	3.6	2.7
-5°	10.5	7.9	6.5	5.4	4.5	3.6	2.7
-7.5°	11.2	8.2	6.6	5.5	4.5	3.6	2.7
-10°	11.9	8.6	6.8	5.5	4.5	3.7	2.7
-12.5°	12.5	8.9	6.9	5.5	4.6	3.7	2.7
-15°	13.0	9.1	7.0	5.6	4.6	3.7	2.7
-17.5°	13.4	9.3	7.0	5.6	4.6	3.7	2.7
-20°	13.9	9.5	7.1	5.6	4.6	3.7	2.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.3	9.6	7.1	5.6	4.6	3.7	2.7
-25°	14.6	9.7	7.1	5.6	4.6	3.7	2.7
-27.5°	14.5	9.7	7.1	5.6	4.6	3.7	2.7
-30°	14.2	9.7	7.0	5.6	4.6	3.7	2.7
-32.5°	13.6	9.6	7.0	5.6	4.6	3.6	2.7
-35°	13.3	9.5	7.0	5.6	4.6	3.6	2.7
-37.5°	13.1	9.3	6.9	5.6	4.6	3.6	2.7
-40°	12.8	9.2	6.8	5.5	4.6	3.6	2.7
-42.5°	12.4	9.1	6.8	5.5	4.6	3.6	2.7
-45°	11.9	8.9	6.8	5.5	4.5	3.5	2.7
-47.5°	11.4	8.7	6.7	5.5	4.5	3.5	2.7
-50°	11.0	8.4	6.7	5.4	4.5	3.5	2.7
-52.5°	10.6	8.1	6.6	5.4	4.4	3.4	2.7
-55°	10.1	7.9	6.5	5.3	4.4	3.4	2.7
-57.5°	9.6	7.8	6.4	5.2	4.3	3.4	2.7
-60°	9.1	7.6	6.3	5.1	4.3	3.3	2.7
-62.5°	8.8	7.4	6.1	5.0	4.2	3.3	2.7
-65°	8.5	7.2	5.9	4.9	4.1	3.2	2.7
-67.5°	8.2	6.9	5.7	4.8	4.0	3.2	2.7
-70°	7.8	6.5	5.4	4.6	3.8	3.1	2.7
-72.5°	7.3	6.1	5.1	4.4	3.7	3.1	2.7
-75°	6.7	5.7	4.9	4.3	3.6	3.0	2.7
-77.5°	6.0	5.2	4.6	4.1	3.4	3.0	2.7
-80°	5.4	4.9	4.4	3.9	3.3	2.9	2.7
-82.5°	5.1	4.7	4.2	3.7	3.1	2.9	2.7
-85°	4.9	4.4	4.0	3.5	3.0	2.8	2.7
-87.5°	4.6	4.2	3.8	3.3	2.8	2.8	2.7
-90°	1.8	2.0	2.3	2.5	2.7	2.7	2.7

(END OF REPORT)