

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: P1306246 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-5S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1306246 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-70-5S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

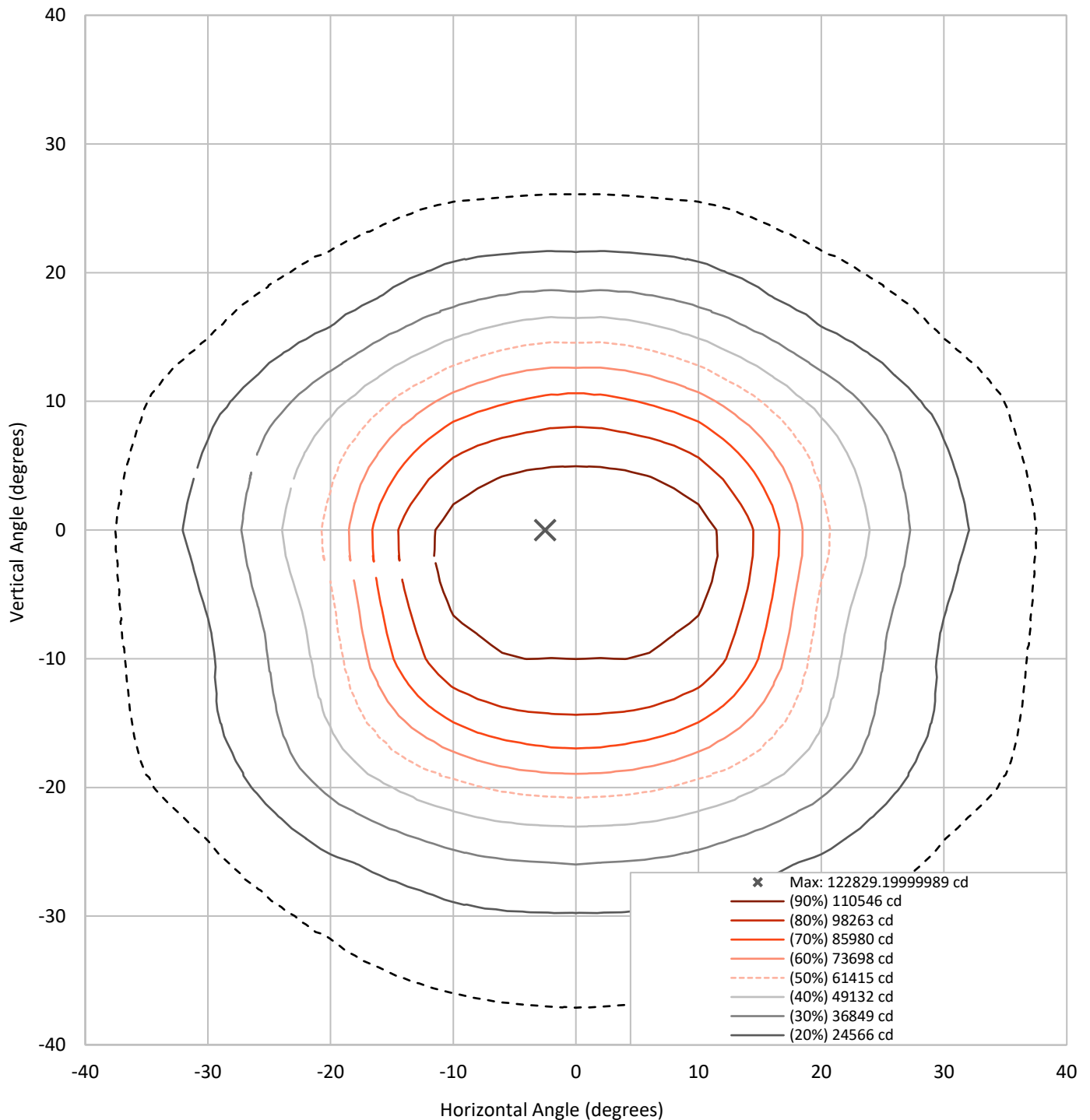
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	60619.6 lumens	Max Intensity:	122829.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	109.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	33342 lumens	Field Lumens:	55534.5 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%

Input Watts (W): 554  
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





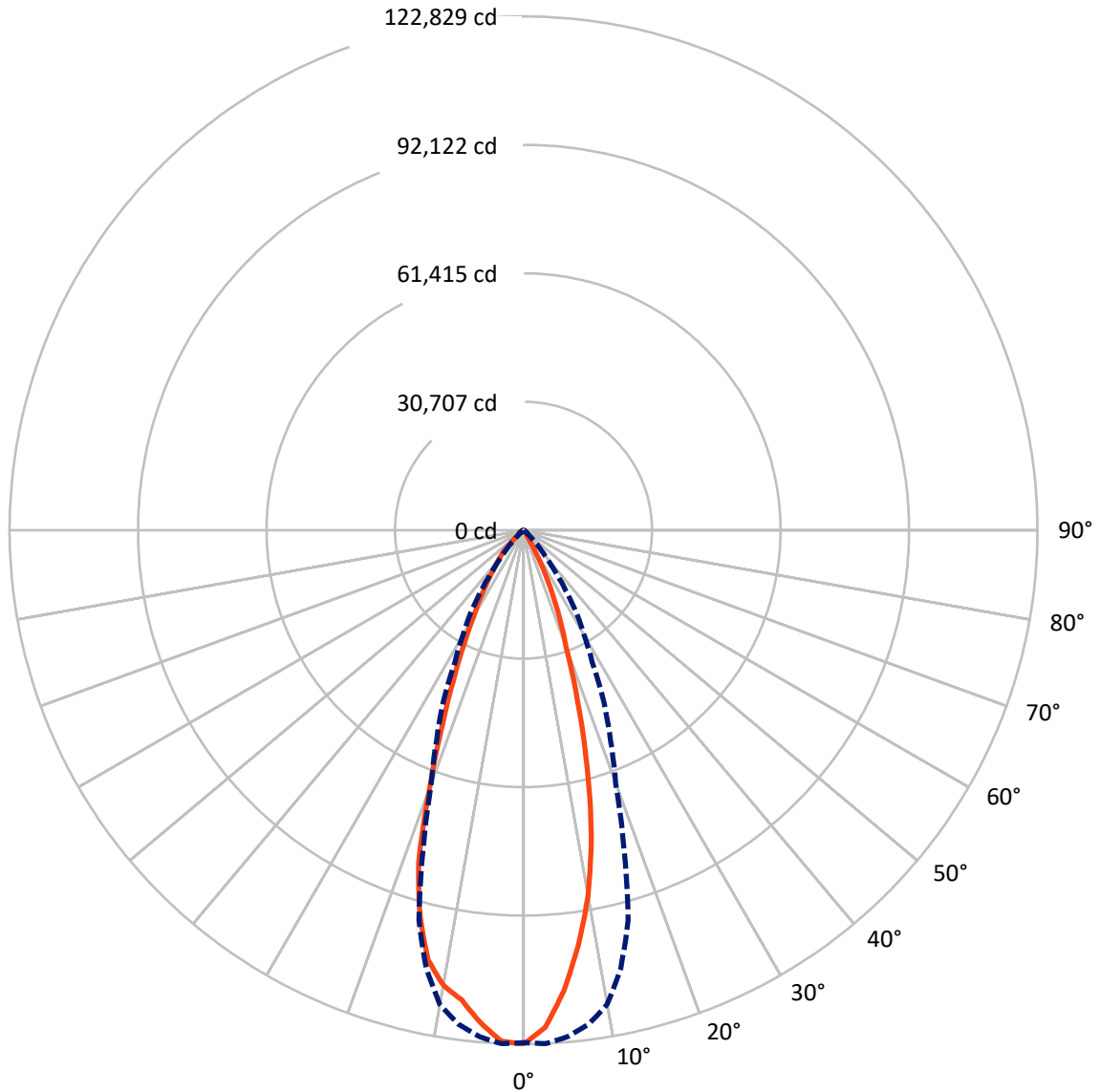
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### Lumen Table

90																			
80	0.2	0.4		0.5		0.5		0.4		0.5		0.5		0.4		0.2			
70																			
60	0.2	0.1	0.2	0.3	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.2	0.1	0.2			
50		0.1	0.2	0.6	0.7	0.4	0.4	0.5	0.5	0.4	0.4	0.7	0.6	0.2	0.1				
40	0.2	0.1	0.3	0.6	0.7	1.0	1.5	1.8	1.8	1.5	1.0	0.7	0.6	0.3	0.1	0.2			
30		0.2	0.8	1.8	4.9	13.6	23.6	30.1	30.1	23.6	13.6	4.9	1.8	0.8	0.2				
20	0.2	0.3	2.7	9.3	53.8	154.8	314.5	454.1	454.1	314.5	154.8	53.8	9.3	2.7	0.3	0.2			
10		0.7	5.7	30.2	191.4	561.1	1149.9	1698.9	1698.9	1149.9	561.1	191.4	30.2	5.7	0.7				
0	0.2	1.3	9.7	65.6	393.8	1125.0	2355.4	3214.7	3214.7	2355.4	1125.0	393.8	65.6	9.7	1.3	0.2			
-10		2.3	13.3	79.4	412.4	1152.0	2643.4	3523.2	3523.2	2643.4	1152.0	412.4	79.4	13.3	2.3				
-20	0.4	2.6	13.7	63.8	350.1	948.4	1997.3	2750.5	2750.5	1997.3	948.4	350.1	63.8	13.7	2.6	0.4			
-30		2.3	11.2	29.9	175.6	507.5	933.3	1225.5	1225.5	933.3	507.5	175.6	29.9	11.2	2.3				
-40	0.3	1.7	7.7	17.5	51.3	191.2	351.8	459.0	459.0	351.8	191.2	51.3	17.5	7.7	1.7	0.3			
-50		1.0	4.7	12.3	22.6	42.4	95.6	144.3	144.3	95.6	42.4	22.6	12.3	4.7	1.0				
-60	0.2	0.5	2.3	6.9	14.4	23.8	32.6	37.8	37.8	32.6	23.8	14.4	6.9	2.3	0.5	0.2			
-70		0.2	0.9	2.7	6.0	10.5	15.9	19.0	19.0	15.9	10.5	6.0	2.7	0.9	0.2				
-80	0.2	0.7		2.2		5.7		8.0		5.7		2.2		0.7		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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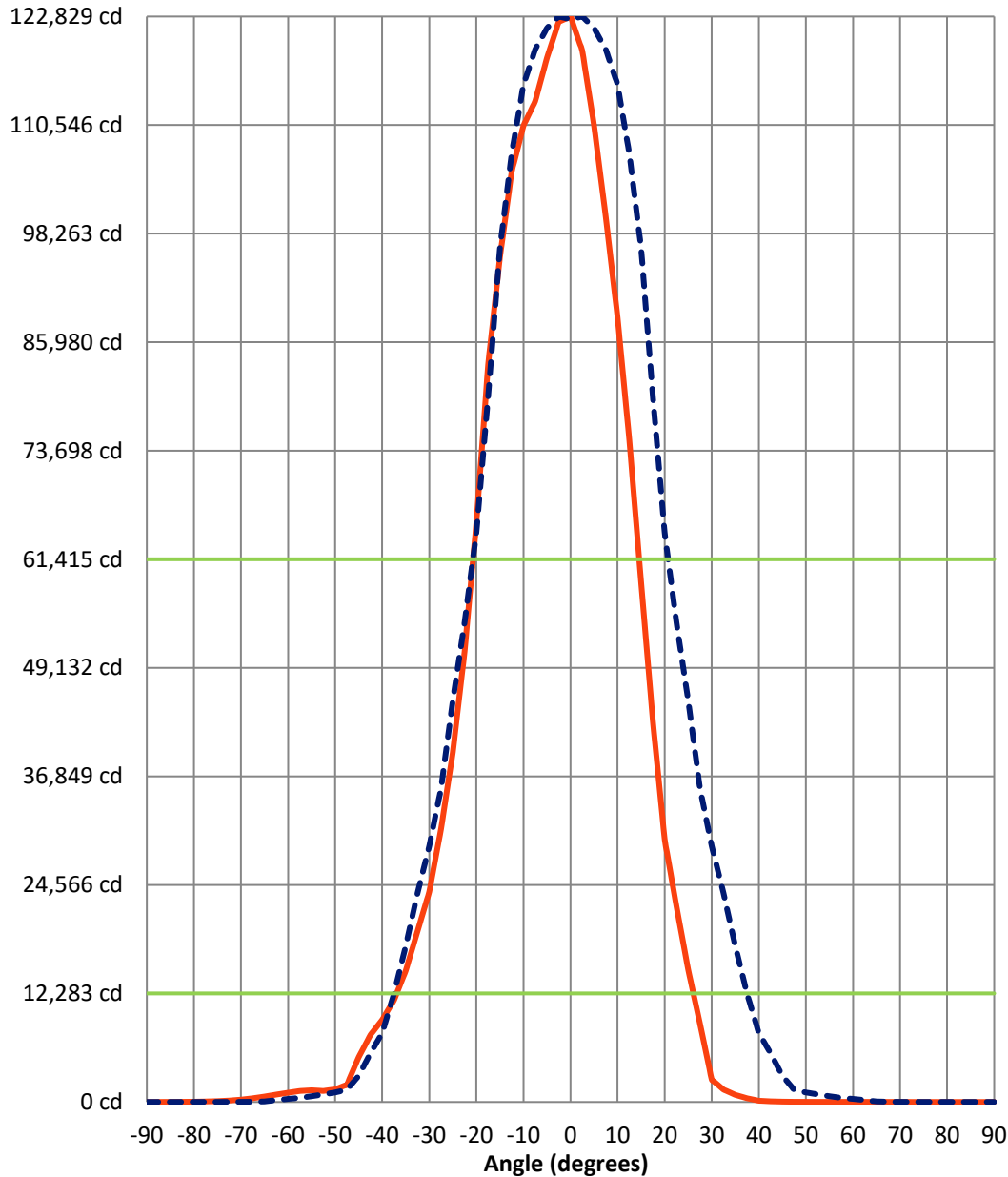
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 41.5°  
V Angle: 35.3°  
Lumens: 33342  
Efficiency: 55.0%

**Field:**  
H Angle: 75°  
V Angle: 63°  
Lumens: 55534.5  
Efficiency: 91.6%

**Spill:**  
Lumens: 5085.1  
Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.6	7.6	7.4
70°	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.7	7.9	7.8	7.9
67.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.7	8.2	8.3	8.3	8.5
65°	7.2	7.2	7.2	7.2	7.2	7.4	8.1	8.6	8.5	8.6	8.9
62.5°	7.2	7.2	7.2	7.2	7.2	7.7	8.5	8.8	8.7	8.9	8.9
60°	7.2	7.2	7.2	7.2	7.2	8.0	8.9	8.9	8.9	8.9	8.9
57.5°	7.2	7.2	7.2	7.2	7.4	8.3	8.9	8.9	8.9	8.9	8.9
55°	7.2	7.2	7.2	7.2	7.7	8.6	8.9	8.9	8.9	8.9	8.9
52.5°	7.2	7.2	7.2	7.2	7.9	8.9	8.9	8.9	8.9	8.9	8.9
50°	7.2	7.2	7.2	7.2	8.2	8.9	8.9	8.9	8.9	8.9	9.4
47.5°	7.2	7.2	7.2	7.2	8.4	8.9	8.9	8.9	8.9	8.9	10.0
45°	7.2	7.2	7.2	7.4	8.6	8.9	8.9	8.9	9.0	9.4	10.6
42.5°	7.2	7.2	7.2	7.6	8.8	8.9	8.9	9.0	9.1	9.9	11.2
40°	7.2	7.2	7.2	7.7	8.9	8.9	8.9	9.1	9.4	10.4	11.7
37.5°	7.2	7.2	7.2	7.8	8.9	8.9	8.9	9.3	9.9	11.0	12.2
35°	7.2	7.2	7.2	7.9	8.9	8.9	8.9	9.5	10.4	11.6	12.7
32.5°	7.2	7.2	7.2	7.9	8.9	8.9	9.0	9.7	10.9	12.3	13.6
30°	7.2	7.2	7.2	8.0	8.9	8.9	9.1	10.1	11.3	13.1	14.6
27.5°	7.2	7.2	7.2	8.0	8.8	8.9	9.3	10.4	11.9	13.8	15.8
25°	7.2	7.2	7.2	8.0	8.8	8.9	9.6	10.8	12.5	14.8	17.2
22.5°	7.2	7.2	7.2	8.0	8.8	8.9	9.8	11.2	13.1	15.8	20.2
20°	7.2	7.2	7.2	7.9	8.8	8.9	10.0	11.5	13.7	16.8	23.3
17.5°	7.2	7.2	7.2	7.9	8.8	8.9	10.2	11.8	14.4	18.0	26.5
15°	7.2	7.2	7.2	7.8	8.8	8.9	10.3	12.1	15.0	19.1	29.6
12.5°	7.2	7.2	7.2	7.7	8.8	8.9	10.4	12.2	15.5	20.2	32.6
10°	7.2	7.2	7.2	7.6	8.8	8.9	10.5	12.3	16.1	21.8	36.6
7.5°	7.2	7.2	7.2	7.5	8.9	8.9	10.6	12.4	16.6	23.6	43.2
5°	7.2	7.2	7.2	7.4	8.9	8.9	10.7	12.5	17.1	25.4	49.9
2.5°	7.2	7.2	7.2	7.3	8.9	8.9	10.7	12.5	17.5	27.0	56.5
0°	7.2	7.2	7.2	7.2	8.9	8.9	10.7	12.5	17.9	28.6	62.6
-2.5°	7.2	7.2	7.2	7.3	8.9	9.3	11.4	14.2	22.7	39.2	81.0
-5°	7.2	7.2	7.2	7.4	8.9	9.7	12.1	15.8	27.3	49.3	98.2
-7.5°	7.2	7.2	7.2	7.5	8.9	10.0	12.7	17.3	31.5	58.6	113.8
-10°	7.2	7.2	7.2	7.6	8.8	10.4	13.3	18.7	35.1	66.8	127.4
-12.5°	7.2	7.2	7.2	7.7	8.8	10.6	13.8	19.9	38.1	73.7	136.8
-15°	7.2	7.2	7.2	7.8	8.8	10.9	14.3	20.9	41.0	79.6	143.3
-17.5°	7.2	7.2	7.2	7.9	8.8	11.0	14.7	22.3	43.9	83.9	147.6
-20°	7.2	7.2	7.2	7.9	8.8	11.1	15.2	23.9	45.8	86.5	149.6



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 CATALOG NUMBER: EPH-08-530N-57-70-5S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.2	7.2	8.0	8.8	11.0	15.7	25.1	46.5	87.3	149.2
-25°	7.2	7.2	7.2	8.0	8.8	11.0	16.0	25.7	46.0	86.2	146.1
-27.5°	7.2	7.2	7.2	8.0	8.8	10.9	16.0	25.7	44.2	84.0	144.4
-30°	7.2	7.2	7.2	8.0	8.9	10.7	15.7	25.2	43.2	81.9	140.2
-32.5°	7.2	7.2	7.2	7.9	9.0	10.4	15.2	24.8	42.6	77.9	133.1
-35°	7.2	7.2	7.2	7.9	9.1	10.1	14.7	24.1	41.1	72.1	123.2
-37.5°	7.2	7.2	7.2	7.8	9.1	9.8	14.2	23.0	38.7	64.4	108.7
-40°	7.2	7.2	7.2	7.7	9.2	9.9	13.7	21.3	35.4	59.2	95.2
-42.5°	7.2	7.2	7.2	7.6	9.1	10.0	13.0	19.2	32.5	53.2	81.0
-45°	7.2	7.2	7.2	7.5	9.0	10.0	12.2	17.4	29.5	46.4	67.2
-47.5°	7.2	7.2	7.2	7.3	8.8	10.0	11.3	16.3	25.9	39.2	59.1
-50°	7.2	7.2	7.2	7.3	8.6	9.9	11.1	15.1	21.4	34.1	50.4
-52.5°	7.2	7.2	7.2	7.4	8.4	9.8	10.9	13.7	18.7	28.5	41.6
-55°	7.2	7.2	7.2	7.4	8.2	9.6	10.8	12.3	16.7	22.5	34.7
-57.5°	7.2	7.2	7.2	7.4	8.0	9.3	10.6	12.0	14.7	19.2	27.4
-60°	7.2	7.2	7.2	7.5	7.8	9.1	10.3	11.6	12.8	16.7	21.2
-62.5°	7.2	7.2	7.2	7.5	7.9	8.8	10.0	11.2	12.4	14.0	18.1
-65°	7.2	7.2	7.2	7.5	7.9	8.5	9.6	10.7	11.9	13.0	14.9
-67.5°	7.2	7.2	7.2	7.5	7.9	8.3	9.2	10.3	11.4	12.4	13.5
-70°	7.2	7.2	7.2	7.5	7.9	8.4	8.8	9.8	10.8	11.8	12.8
-72.5°	7.2	7.2	7.2	7.5	8.0	8.4	8.8	9.3	10.3	11.2	12.2
-75°	7.2	7.2	7.2	7.5	8.0	8.4	8.8	9.2	9.7	10.6	11.5
-77.5°	7.2	7.2	7.2	7.5	7.9	8.4	8.8	9.1	9.5	10.0	10.8
-80°	7.2	7.2	7.2	7.4	7.8	8.3	8.9	9.0	9.2	9.6	10.1
-82.5°	7.2	7.2	7.2	7.4	7.6	8.0	8.5	8.7	8.9	9.1	9.4
-85°	7.2	7.2	7.2	7.3	7.5	7.7	8.1	8.2	8.4	8.5	8.6
-87.5°	7.2	7.2	7.2	7.3	7.3	7.5	7.6	7.7	7.8	7.9	7.9
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
87.5°	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.4	5.0	4.5	4.1
85°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.2	5.0	4.8
82.5°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
80°	7.2	7.2	7.2	7.2	6.8	6.4	5.9	5.5	5.4	5.5	5.5
77.5°	7.2	7.2	7.2	7.2	6.9	6.6	6.4	6.4	6.4	6.2	5.9
75°	7.2	7.2	7.3	7.3	7.1	7.1	7.2	7.2	6.9	6.5	6.0
72.5°	7.5	7.7	7.7	7.4	7.2	7.2	7.2	7.2	7.4	7.5	7.4
70°	8.2	8.2	7.9	7.5	7.2	7.4	8.1	9.1	9.9	9.8	9.7
67.5°	8.8	8.4	8.0	7.7	7.9	8.7	9.8	11.3	12.6	12.7	13.1
65°	8.9	8.5	8.3	8.4	8.8	10.4	12.0	13.6	17.4	19.8	20.9
62.5°	8.9	8.7	8.7	9.3	10.7	12.5	14.9	19.2	25.2	28.4	27.5
60°	8.9	8.8	9.5	10.8	12.4	14.1	18.0	24.0	31.9	37.5	34.2
57.5°	8.9	9.4	10.6	12.0	13.3	14.8	20.1	27.6	36.7	46.7	40.5
55°	9.2	10.1	11.5	12.8	14.1	15.4	20.9	29.4	39.8	45.7	39.8
52.5°	9.9	10.9	12.2	13.5	14.9	16.3	20.4	28.6	34.7	39.4	36.5
50°	10.5	11.6	12.8	14.3	15.8	17.4	18.1	24.7	29.7	31.8	31.6
47.5°	11.2	12.3	13.5	15.1	17.1	18.4	18.3	21.7	25.3	27.6	25.7
45°	11.8	13.0	14.2	16.5	18.6	19.8	20.8	20.1	25.9	27.4	26.3
42.5°	12.4	13.7	15.8	17.9	20.6	23.6	25.2	27.3	30.1	32.9	32.2
40°	13.0	14.4	18.0	22.2	24.1	29.6	34.9	38.2	39.4	41.9	41.9
37.5°	13.6	16.6	22.1	31.0	31.1	39.3	46.9	54.5	56.7	52.6	59.6
35°	14.1	19.1	33.6	44.2	45.9	52.1	64.7	76.3	83.2	79.3	85.8
32.5°	15.8	21.9	48.4	59.5	70.6	76.3	85.3	110.2	134.3	141.6	128.8
30°	18.6	35.5	65.2	76.3	102.5	119.8	125.2	158.8	209.1	253.0	339.7
27.5°	22.1	52.0	81.0	104.6	142.4	173.4	186.9	241.9	327.9	443.8	693.3
25°	25.9	69.5	97.7	140.7	194.5	230.6	252.8	330.4	474.6	844.8	1310.9
22.5°	35.0	87.2	118.8	180.8	253.4	284.7	331.6	437.3	679.3	1294.6	2067.9
20°	49.2	104.0	148.9	220.4	316.5	336.4	404.2	539.9	959.6	1891.6	2820.6
17.5°	63.1	122.9	181.9	267.2	365.0	405.2	474.6	633.3	1194.7	2639.6	3797.7
15°	76.6	143.4	213.0	314.6	421.8	500.9	607.3	843.6	1644.0	3525.3	5091.3
12.5°	89.5	165.0	242.1	361.8	487.4	602.5	759.5	1186.4	2445.5	4560.0	6897.4
10°	101.5	187.0	269.1	408.0	559.3	707.7	917.1	1561.5	3255.5	5460.6	8327.4
7.5°	129.3	220.5	299.3	452.0	634.7	814.1	1076.2	1951.8	3986.7	6222.7	9522.4
5°	160.1	265.8	357.0	521.1	713.9	914.3	1221.9	2338.4	4627.7	6850.4	10598.8
2.5°	190.3	309.5	413.3	589.8	789.9	1001.4	1312.2	2675.4	5130.6	7381.5	11527.6
0°	218.4	350.8	467.2	653.3	859.2	1081.2	1389.0	2969.6	5513.2	7811.5	12259.6
-2.5°	252.8	395.0	527.0	713.8	882.5	1083.5	1390.2	2860.9	5596.4	8217.8	11985.1
-5°	282.5	435.3	582.4	768.8	903.2	1080.2	1379.0	2695.0	5550.4	8435.5	11763.7
-7.5°	306.4	471.2	632.4	812.6	922.4	1091.3	1405.9	2731.6	5474.0	8435.4	11624.9
-10°	320.2	481.5	632.8	810.2	934.8	1105.5	1424.3	2667.0	5240.7	8260.7	11342.6
-12.5°	307.8	468.8	619.7	799.6	942.6	1108.3	1418.4	2484.5	4847.5	7904.6	10990.3
-15°	293.2	453.6	601.1	780.1	945.5	1098.7	1385.3	2171.5	4203.0	7137.7	10565.4
-17.5°	276.9	436.2	576.8	751.0	943.1	1075.5	1304.8	1676.5	3368.8	6066.1	9590.4
-20°	259.5	416.9	546.7	711.7	930.1	1022.2	1182.3	1487.2	2657.9	4864.9	8057.3



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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°	241.7	396.0	515.3	673.0	855.0	957.9	1067.9	1287.4	1879.2	3514.7	6075.3
-25°	231.5	369.6	488.0	621.9	777.9	897.9	952.8	1091.0	1387.2	2580.1	4435.4
-27.5°	226.9	344.5	454.2	569.3	707.5	835.0	875.3	964.7	1186.0	1664.4	2996.4
-30°	219.0	310.5	417.2	519.0	645.9	759.6	818.5	875.1	1016.5	1275.1	2012.9
-32.5°	201.7	275.8	377.2	475.6	585.2	695.4	784.2	838.4	927.4	1062.4	1307.2
-35°	180.2	250.2	336.6	428.8	525.2	635.8	735.9	815.5	858.6	951.6	1115.4
-37.5°	160.7	222.5	295.9	381.5	471.3	573.8	683.9	770.7	834.0	878.5	995.9
-40°	140.1	192.7	261.1	337.0	418.0	511.6	613.0	713.8	793.9	860.5	912.7
-42.5°	119.1	168.7	226.4	293.4	370.1	452.1	539.1	638.0	737.5	824.1	889.9
-45°	102.7	143.8	191.3	255.4	323.0	394.6	473.5	555.4	662.1	760.3	842.2
-47.5°	85.7	119.8	163.5	216.7	278.7	342.4	408.9	490.9	579.6	676.5	770.0
-50°	70.2	100.7	135.6	183.6	236.7	293.0	352.1	427.0	508.7	591.4	676.9
-52.5°	59.9	80.9	113.3	150.9	197.8	248.1	302.6	366.5	439.0	514.5	590.3
-55°	49.1	67.4	91.4	123.1	159.8	204.9	256.2	311.7	368.6	437.5	505.5
-57.5°	39.6	55.1	74.1	97.7	128.1	161.8	209.4	258.9	311.1	364.3	420.9
-60°	30.8	43.6	59.7	78.0	98.9	128.7	162.7	205.4	251.9	298.6	346.3
-62.5°	22.5	33.0	46.0	61.2	78.6	97.3	124.6	156.9	191.6	230.6	270.6
-65°	18.9	23.5	32.9	45.5	59.5	75.8	93.6	112.7	140.9	168.8	196.4
-67.5°	15.1	19.0	23.4	29.7	41.5	54.5	68.2	84.3	101.3	116.8	135.0
-70°	13.8	14.8	18.0	22.1	26.7	33.7	45.2	57.3	69.5	81.2	94.4
-72.5°	12.9	13.6	14.6	15.8	19.2	23.4	28.1	33.3	41.1	50.4	59.7
-75°	12.0	12.5	13.1	13.9	14.9	16.1	17.7	21.5	25.6	29.6	33.5
-77.5°	11.2	11.6	11.9	12.2	12.6	13.4	14.3	15.3	16.6	18.2	20.0
-80°	10.4	10.7	11.0	11.2	11.3	11.4	11.6	11.9	12.3	12.9	13.8
-82.5°	9.6	9.8	10.0	10.2	10.0	9.7	9.5	9.4	9.7	10.0	10.3
-85°	8.8	8.9	9.0	9.2	8.9	8.6	8.2	7.9	8.0	8.1	8.2
-87.5°	8.0	8.0	8.1	8.2	7.8	7.4	7.1	6.7	6.7	6.8	6.8
-90°	6.8	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.0	4.5	4.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.4	5.4	5.4	5.4	5.4	5.9	6.3	6.7	7.2	8.1	8.9
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7
85°	4.8	4.5	4.3	4.0	3.6	3.6	3.6	3.6	3.6	3.2	2.7
82.5°	5.4	5.0	4.5	4.1	3.6	3.6	3.6	3.6	3.6	3.2	2.7
80°	5.4	5.2	5.0	4.8	4.7	4.6	4.3	4.0	3.6	3.2	2.7
77.5°	5.5	5.4	5.4	5.4	5.4	5.0	4.6	4.1	3.7	3.2	2.7
75°	5.6	5.5	5.6	5.6	5.5	5.2	5.1	5.0	5.0	4.8	4.4
72.5°	7.1	6.8	6.6	6.5	6.2	6.1	6.0	5.8	5.5	5.3	5.3
70°	9.6	9.4	9.2	8.9	8.6	8.2	7.9	7.5	7.0	6.8	7.0
67.5°	14.0	14.3	14.2	13.5	12.2	10.9	10.2	9.5	8.8	8.7	9.3
65°	20.6	18.0	16.4	15.0	13.7	12.7	12.0	11.3	10.6	10.8	12.3
62.5°	24.5	19.2	16.4	15.3	14.7	14.1	13.1	12.4	12.0	12.4	13.6
60°	28.5	20.7	15.4	14.4	13.5	12.6	12.5	12.5	12.5	12.7	13.3
57.5°	30.5	21.1	14.2	13.7	13.2	12.7	12.7	12.8	12.7	12.5	13.1
55°	29.9	21.3	14.7	13.9	13.8	14.0	14.0	13.3	12.8	12.5	13.0
52.5°	27.2	20.5	15.7	14.4	14.4	13.7	12.6	13.2	14.0	14.6	15.3
50°	24.2	19.3	16.8	15.7	15.7	15.8	15.8	16.7	17.6	18.2	18.9
47.5°	22.3	19.4	19.3	18.9	19.4	20.4	20.8	21.9	24.5	25.9	26.5
45°	22.5	23.8	24.8	25.7	25.6	30.6	34.3	36.3	38.6	40.9	42.6
42.5°	30.3	33.8	36.9	41.5	44.4	52.8	57.2	51.7	63.2	73.1	75.4
40°	46.4	51.4	62.4	74.7	89.4	95.8	125.6	127.0	139.9	172.2	182.7
37.5°	70.6	84.9	123.2	155.7	207.1	237.7	275.6	311.9	341.1	371.1	391.6
35°	110.1	183.3	241.0	342.0	411.2	446.1	491.1	544.8	567.6	662.0	734.1
32.5°	235.2	366.6	523.3	604.0	694.7	764.0	754.3	977.8	1064.0	1205.9	1321.2
30°	434.7	748.7	1169.1	1169.2	1152.9	1535.1	1675.1	1963.8	2259.8	2457.0	2928.6
27.5°	1005.0	1671.1	2337.1	2350.5	2639.0	3437.3	3892.0	4028.6	5313.0	6137.9	7263.1
25°	1851.8	2948.3	3866.9	4294.4	5151.3	6452.0	7221.9	8140.1	10057.2	12241.6	13620.7
22.5°	2758.0	3926.5	5306.9	6280.5	7922.8	9595.9	10996.2	13022.1	15598.6	18036.2	19685.4
20°	3440.1	4812.8	6762.6	8807.6	10888.1	12985.6	15160.7	17944.4	21432.3	24400.5	27083.2
17.5°	4830.8	6282.3	8921.1	11702.5	14526.4	16767.3	20202.2	23540.8	27790.1	32097.3	35433.3
15°	6888.8	9228.4	11868.6	15476.5	19448.3	22877.4	26519.4	32378.3	37547.8	43083.6	48029.7
12.5°	9529.7	12630.6	16129.3	20278.5	25484.0	30865.5	36420.0	42604.2	49365.7	56015.1	63073.7
10°	11995.6	16257.2	20774.4	25879.8	31836.7	38632.7	45419.4	52426.6	61822.2	70337.8	77885.9
7.5°	13698.0	18717.2	24261.4	30501.7	37854.4	45082.5	52748.8	62276.2	73252.8	82908.9	90644.3
5°	15226.9	20914.4	26450.3	32758.7	41307.2	49568.9	58627.1	70223.3	82718.6	93307.7	101016.8
2.5°	16557.9	22678.4	28054.5	34409.8	43795.4	52391.2	62282.6	76102.7	90659.1	101265.8	109399.9
0°	17652.9	23626.1	28962.1	35508.1	45431.8	54285.1	64432.5	79801.4	96557.5	107272.3	115091.1
-2.5°	16592.8	22011.5	27278.5	33908.8	43909.2	52976.2	63943.9	79576.7	96020.8	107577.5	115650.6
-5°	15792.1	20740.4	25740.5	32301.1	41097.0	49504.4	59796.1	75873.3	93181.4	104858.4	113027.2
-7.5°	15171.5	19490.1	24036.1	30077.2	38123.5	47039.1	58073.9	73585.8	89940.8	101750.7	109152.4
-10°	14495.1	18205.0	23159.4	29248.4	37072.9	45572.5	55375.5	69724.8	86249.8	97612.7	106281.8
-12.5°	14289.0	18206.3	23196.7	28483.6	35680.9	43843.2	53189.4	65411.9	78078.1	89993.4	97595.8
-15°	13956.7	17932.0	22815.9	27788.4	34313.4	42174.6	49976.6	59009.2	69595.9	78205.5	86147.2
-17.5°	13305.1	17125.2	20795.6	25441.9	31792.5	39080.3	44992.0	52095.5	59733.7	66298.8	72289.2
-20°	11745.3	14343.3	17822.0	22203.5	27645.8	33547.0	38929.6	44054.7	48963.3	53964.8	57429.6



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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°	8987.3	11482.1	14398.8	18038.4	22352.7	27495.5	32252.1	35723.3	39627.8	43229.3	46190.3
-25°	6572.4	8400.2	11122.5	14228.2	17043.6	21162.8	24813.1	27157.4	30584.7	33276.9	35840.0
-27.5°	4752.9	6542.9	8762.9	11216.9	13327.8	15540.7	18763.1	21001.7	23697.3	25761.7	27899.5
-30°	3244.1	5215.3	7261.1	9268.5	10874.5	12546.3	14332.0	16540.1	18704.1	20438.5	21982.9
-32.5°	2250.1	3678.4	5677.8	7548.0	8999.5	10274.2	11447.6	13125.1	14744.4	16156.1	17313.7
-35°	1378.4	2391.5	3776.2	5557.1	7091.5	8316.5	9398.6	10467.1	11503.1	12565.3	13460.2
-37.5°	1166.2	1408.0	2270.9	3497.2	4958.8	6322.1	7382.1	8264.3	9046.3	9854.7	10491.1
-40°	1030.6	1175.2	1391.8	1840.4	2964.7	4098.0	5240.9	6190.4	7050.4	7767.2	8324.4
-42.5°	941.2	1037.9	1143.4	1319.3	1527.7	2083.3	3066.2	4024.5	4957.3	5739.6	6395.3
-45°	913.5	962.0	1019.0	1113.2	1199.5	1368.5	1551.0	1740.0	2481.6	3268.5	3961.9
-47.5°	850.3	928.1	979.8	1020.2	1068.3	1144.8	1214.9	1304.2	1474.5	1643.5	1781.5
-50°	766.5	851.6	923.0	992.3	1041.3	1074.7	1100.2	1146.4	1214.4	1280.4	1333.7
-52.5°	665.0	747.5	830.7	914.9	984.4	1048.8	1109.2	1151.1	1182.7	1209.7	1223.6
-55°	572.7	641.7	711.2	796.0	880.0	960.7	1038.1	1104.2	1165.8	1223.3	1255.9
-57.5°	482.7	542.0	604.0	679.7	754.4	827.7	902.8	979.0	1053.6	1123.2	1163.5
-60°	396.7	449.5	505.5	566.7	631.5	699.2	763.9	828.5	892.5	949.3	982.6
-62.5°	312.7	357.0	402.6	450.9	501.9	555.3	609.0	663.3	717.5	763.0	791.2
-65°	227.1	263.3	298.1	333.5	369.2	409.6	452.2	493.6	533.6	564.9	585.3
-67.5°	158.8	182.2	203.5	224.4	249.7	278.5	309.0	338.7	367.4	389.0	403.5
-70°	107.8	120.8	132.5	146.1	162.7	179.9	197.9	215.1	231.5	244.0	253.7
-72.5°	68.8	77.5	85.8	95.1	104.1	114.0	124.3	134.1	143.3	149.7	154.8
-75°	37.2	41.8	48.7	55.1	61.0	68.1	75.5	82.4	88.8	92.2	94.5
-77.5°	22.8	25.9	28.8	31.6	34.3	38.2	42.5	46.8	51.1	53.0	54.5
-80°	14.9	16.3	17.9	19.4	20.9	23.2	25.6	28.0	30.3	31.1	31.5
-82.5°	10.5	11.0	11.6	12.1	12.8	14.2	15.8	17.3	18.9	20.0	21.1
-85°	8.3	8.4	8.4	8.5	8.6	9.4	10.3	11.2	12.1	12.7	13.2
-87.5°	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.6	8.1
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7



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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	10.7	9.8	8.9	9.8	10.7	9.8	8.9	8.1	7.2	6.7
87.5°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	3.6
85°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.0
77.5°	2.3	1.8	2.7	3.6	2.7	1.8	2.3	2.7	3.2	3.7	4.1
75°	4.0	3.6	3.6	3.6	3.6	3.6	4.0	4.4	4.8	5.0	5.0
72.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.5	5.8
70°	7.1	7.1	7.2	7.2	7.2	7.1	7.1	7.0	6.8	7.0	7.5
67.5°	9.9	10.5	10.7	10.7	10.7	10.5	9.9	9.3	8.7	8.8	9.5
65°	14.0	15.6	15.2	14.3	15.2	15.6	14.0	12.3	10.8	10.6	11.3
62.5°	14.8	15.9	16.1	16.1	16.1	15.9	14.8	13.6	12.4	12.0	12.4
60°	13.8	14.2	14.3	14.3	14.3	14.2	13.8	13.3	12.7	12.5	12.5
57.5°	13.6	14.1	14.3	14.3	14.3	14.1	13.6	13.1	12.5	12.7	12.8
55°	13.6	14.1	14.3	14.3	14.3	14.1	13.6	13.0	12.5	12.8	13.3
52.5°	15.7	16.0	16.1	16.1	16.1	16.0	15.7	15.3	14.6	14.0	13.2
50°	19.9	20.9	20.2	17.9	20.2	20.9	19.9	18.9	18.2	17.6	16.7
47.5°	26.5	25.6	25.0	25.1	25.0	25.6	26.5	26.5	25.9	24.5	21.9
45°	43.2	42.9	42.6	43.0	42.6	42.9	43.2	42.6	40.9	38.6	36.3
42.5°	78.0	78.3	77.0	75.2	77.0	78.3	78.0	75.4	73.1	63.2	51.7
40°	182.2	166.9	146.3	134.2	146.3	166.9	182.2	182.7	172.2	139.9	127.0
37.5°	410.3	422.3	423.4	415.3	423.4	422.3	410.3	391.6	371.1	341.1	311.9
35°	779.7	807.6	809.2	794.8	809.2	807.6	779.7	734.1	662.0	567.6	544.8
32.5°	1319.4	1382.1	1405.7	1399.8	1405.7	1382.1	1319.4	1321.2	1205.9	1064.0	977.8
30°	2709.3	2728.1	2535.2	2182.0	2535.2	2728.1	2709.3	2928.6	2457.0	2259.8	1963.8
27.5°	7873.5	8600.2	8863.8	8747.7	8863.8	8600.2	7873.5	7263.1	6137.9	5313.0	4028.6
25°	14016.6	14495.4	14973.4	15028.8	14973.4	14495.4	14016.6	13620.7	12241.6	10057.2	8140.1
22.5°	20827.6	21508.0	22153.9	22006.1	22153.9	21508.0	20827.6	19685.4	18036.2	15598.6	13022.1
20°	28787.1	29256.3	29732.9	29205.5	29732.9	29256.3	28787.1	27083.2	24400.5	21432.3	17944.4
17.5°	38927.8	41137.3	43098.8	42211.6	43098.8	41137.3	38927.8	35433.3	32097.3	27790.1	23540.8
15°	52686.8	56532.5	58788.1	58668.7	58788.1	56532.5	52686.8	48029.7	43083.6	37547.8	32378.3
12.5°	68542.1	72561.0	74862.8	74386.7	74862.8	72561.0	68542.1	63073.7	56015.1	49365.7	42604.2
10°	82847.1	86003.0	88737.9	89809.2	88737.9	86003.0	82847.1	77885.9	70337.8	61822.2	52426.6
7.5°	95482.1	97833.3	100114.6	100522.3	100114.6	97833.3	95482.1	90644.3	82908.9	73252.8	62276.2
5°	105883.1	109214.3	110503.9	111015.2	110503.9	109214.3	105883.1	101016.8	93307.7	82718.6	70223.3
2.5°	114277.4	117324.7	118937.8	118461.6	118937.8	117324.7	114277.4	109399.9	101265.8	90659.1	76102.7
0°	119099.7	121511.7	122829.2	122514.1	122829.2	121511.7	119099.7	115091.1	107272.3	96557.5	79801.4
-2.5°	119575.0	121196.9	122227.4	121823.2	122227.4	121196.9	119575.0	115650.6	107577.5	96020.8	79576.7
-5°	116286.5	117606.4	118147.9	118379.3	118147.9	117606.4	116286.5	113027.2	104858.4	93181.4	75873.3
-7.5°	111755.5	113528.4	113258.8	113725.3	113258.8	113528.4	111755.5	109152.4	101750.7	89940.8	73585.8
-10°	109056.8	110693.1	110456.2	110582.1	110456.2	110693.1	109056.8	106281.8	97612.7	86249.8	69724.8
-12.5°	102508.9	104884.6	105249.4	105658.7	105249.4	104884.6	102508.9	97595.8	89993.4	78078.1	65411.9
-15°	91360.0	93970.5	95548.9	95904.1	95548.9	93970.5	91360.0	86147.2	78205.5	69595.9	59009.2
-17.5°	77269.6	80879.8	83417.8	84007.9	83417.8	80879.8	77269.6	72289.2	66298.8	59733.7	52095.5
-20°	61660.9	64245.2	65560.2	66269.0	65560.2	64245.2	61660.9	57429.6	53964.8	48963.3	44054.7



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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°	48532.7	50239.4	50972.1	51091.7	50972.1	50239.4	48532.7	46190.3	43229.3	39627.8	35723.3
-25°	37915.7	39079.0	39577.6	40314.2	39577.6	39079.0	37915.7	35840.0	33276.9	30584.7	27157.4
-27.5°	29423.9	30446.7	30902.8	31580.8	30902.8	30446.7	29423.9	27899.5	25761.7	23697.3	21001.7
-30°	23024.7	23640.9	23794.7	23828.4	23794.7	23640.9	23024.7	21982.9	20438.5	18704.1	16540.1
-32.5°	18212.6	18906.5	19320.9	19505.5	19320.9	18906.5	18212.6	17313.7	16156.1	14744.4	13125.1
-35°	14130.3	14587.8	14860.1	15166.6	14860.1	14587.8	14130.3	13460.2	12565.3	11503.1	10467.1
-37.5°	10985.9	11325.1	11512.8	11575.9	11512.8	11325.1	10985.9	10491.1	9854.7	9046.3	8264.3
-40°	8768.9	9105.7	9307.9	9338.4	9307.9	9105.7	8768.9	8324.4	7767.2	7050.4	6190.4
-42.5°	6893.5	7313.2	7584.6	7646.8	7584.6	7313.2	6893.5	6395.3	5739.6	4957.3	4024.5
-45°	4469.0	4859.7	5066.4	5053.1	5066.4	4859.7	4469.0	3961.9	3268.5	2481.6	1740.0
-47.5°	1869.8	1932.7	1959.8	1951.1	1959.8	1932.7	1869.8	1781.5	1643.5	1474.5	1304.2
-50°	1375.8	1411.5	1431.1	1435.6	1431.1	1411.5	1375.8	1333.7	1280.4	1214.4	1146.4
-52.5°	1235.4	1248.6	1253.1	1253.0	1253.1	1248.6	1235.4	1223.6	1209.7	1182.7	1151.1
-55°	1286.2	1315.0	1326.3	1326.4	1326.3	1315.0	1286.2	1255.9	1223.3	1165.8	1104.2
-57.5°	1200.1	1232.5	1247.4	1251.2	1247.4	1232.5	1200.1	1163.5	1123.2	1053.6	979.0
-60°	1012.5	1038.5	1049.9	1052.5	1049.9	1038.5	1012.5	982.6	949.3	892.5	828.5
-62.5°	815.2	835.0	841.0	839.5	841.0	835.0	815.2	791.2	763.0	717.5	663.3
-65°	602.5	616.1	617.1	612.2	617.1	616.1	602.5	585.3	564.9	533.6	493.6
-67.5°	415.0	423.7	424.1	420.6	424.1	423.7	415.0	403.5	389.0	367.4	338.7
-70°	261.8	268.4	268.8	266.7	268.8	268.4	261.8	253.7	244.0	231.5	215.1
-72.5°	159.2	162.8	165.9	168.3	165.9	162.8	159.2	154.8	149.7	143.3	134.1
-75°	96.2	97.4	97.4	96.7	97.4	97.4	96.2	94.5	92.2	88.8	82.4
-77.5°	55.7	56.8	58.9	60.9	58.9	56.8	55.7	54.5	53.0	51.1	46.8
-80°	31.9	32.1	33.0	34.0	33.0	32.1	31.9	31.5	31.1	30.3	28.0
-82.5°	22.2	23.2	23.3	23.3	23.3	23.2	22.2	21.1	20.0	18.9	17.3
-85°	13.8	14.3	15.2	16.1	15.2	14.3	13.8	13.2	12.7	12.1	11.2
-87.5°	8.5	8.9	8.9	8.9	8.9	8.9	8.5	8.1	7.6	7.2	7.2
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	3.6



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4
85°	3.6	3.6	3.6	4.0	4.3	4.5	4.8	4.8	5.0	5.2	5.4
82.5°	3.6	3.6	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4
80°	4.3	4.6	4.7	4.8	5.0	5.2	5.4	5.5	5.5	5.4	5.5
77.5°	4.6	5.0	5.4	5.4	5.4	5.4	5.5	5.9	6.2	6.4	6.4
75°	5.1	5.2	5.5	5.6	5.6	5.5	5.6	6.0	6.5	6.9	7.2
72.5°	6.0	6.1	6.2	6.5	6.6	6.8	7.1	7.4	7.5	7.4	7.2
70°	7.9	8.2	8.6	8.9	9.2	9.4	9.6	9.7	9.8	9.9	9.1
67.5°	10.2	10.9	12.2	13.5	14.2	14.3	14.0	13.1	12.7	12.6	11.3
65°	12.0	12.7	13.7	15.0	16.4	18.0	20.6	20.9	19.8	17.4	13.6
62.5°	13.1	14.1	14.7	15.3	16.4	19.2	24.5	27.5	28.4	25.2	19.2
60°	12.5	12.6	13.5	14.4	15.4	20.7	28.5	34.2	37.5	31.9	24.0
57.5°	12.7	12.7	13.2	13.7	14.2	21.1	30.5	40.5	46.7	36.7	27.6
55°	14.0	14.0	13.8	13.9	14.7	21.3	29.9	39.8	45.7	39.8	29.4
52.5°	12.6	13.7	14.4	14.4	15.7	20.5	27.2	36.5	39.4	34.7	28.6
50°	15.8	15.8	15.7	15.7	16.8	19.3	24.2	31.6	31.8	29.7	24.7
47.5°	20.8	20.4	19.4	18.9	19.3	19.4	22.3	25.7	27.6	25.3	21.7
45°	34.3	30.6	25.6	25.7	24.8	23.8	22.5	26.3	27.4	25.9	20.1
42.5°	57.2	52.8	44.4	41.5	36.9	33.8	30.3	32.2	32.9	30.1	27.3
40°	125.6	95.8	89.4	74.7	62.4	51.4	46.4	41.9	41.9	39.4	38.2
37.5°	275.6	237.7	207.1	155.7	123.2	84.9	70.6	59.6	52.6	56.7	54.5
35°	491.1	446.1	411.2	342.0	241.0	183.3	110.1	85.8	79.3	83.2	76.3
32.5°	754.3	764.0	694.7	604.0	523.3	366.6	235.2	128.8	141.6	134.3	110.2
30°	1675.1	1535.1	1152.9	1169.2	1169.1	748.7	434.7	339.7	253.0	209.1	158.8
27.5°	3892.0	3437.3	2639.0	2350.5	2337.1	1671.1	1005.0	693.3	443.8	327.9	241.9
25°	7221.9	6452.0	5151.3	4294.4	3866.9	2948.3	1851.8	1310.9	844.8	474.6	330.4
22.5°	10996.2	9595.9	7922.8	6280.5	5306.9	3926.5	2758.0	2067.9	1294.6	679.3	437.3
20°	15160.7	12985.6	10888.1	8807.6	6762.6	4812.8	3440.1	2820.6	1891.6	959.6	539.9
17.5°	20202.2	16767.3	14526.4	11702.5	8921.1	6282.3	4830.8	3797.7	2639.6	1194.7	633.3
15°	26519.4	22877.4	19448.3	15476.5	11868.6	9228.4	6888.8	5091.3	3525.3	1644.0	843.6
12.5°	36420.0	30865.5	25484.0	20278.5	16129.3	12630.6	9529.7	6897.4	4560.0	2445.5	1186.4
10°	45419.4	38632.7	31836.7	25879.8	20774.4	16257.2	11995.6	8327.4	5460.6	3255.5	1561.5
7.5°	52748.8	45082.5	37854.4	30501.7	24261.4	18717.2	13698.0	9522.4	6222.7	3986.7	1951.8
5°	58627.1	49568.9	41307.2	32758.7	26450.3	20914.4	15226.9	10598.8	6850.4	4627.7	2338.4
2.5°	62282.6	52391.2	43795.4	34409.8	28054.5	22678.4	16557.9	11527.6	7381.5	5130.6	2675.4
0°	64432.5	54285.1	45431.8	35508.1	28962.1	23626.1	17652.9	12259.6	7811.5	5513.2	2969.6
-2.5°	63943.9	52976.2	43909.2	33908.8	27278.5	22011.5	16592.8	11985.1	8217.8	5596.4	2860.9
-5°	59796.1	49504.4	41097.0	32301.1	25740.5	20740.4	15792.1	11763.7	8435.5	5550.4	2695.0
-7.5°	58073.9	47039.1	38123.5	30077.2	24036.1	19490.1	15171.5	11624.9	8435.4	5474.0	2731.6
-10°	55375.5	45572.5	37072.9	29248.4	23159.4	18205.0	14495.1	11342.6	8260.7	5240.7	2667.0
-12.5°	53189.4	43843.2	35680.9	28483.6	23196.7	18206.3	14289.0	10990.3	7904.6	4847.5	2484.5
-15°	49976.6	42174.6	34313.4	27788.4	22815.9	17932.0	13956.7	10565.4	7137.7	4203.0	2171.5
-17.5°	44992.0	39080.3	31792.5	25441.9	20795.6	17125.2	13305.1	9590.4	6066.1	3368.8	1676.5
-20°	38929.6	33547.0	27645.8	22203.5	17822.0	14343.3	11745.3	8057.3	4864.9	2657.9	1487.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	32252.1	27495.5	22352.7	18038.4	14398.8	11482.1	8987.3	6075.3	3514.7	1879.2	1287.4
-25°	24813.1	21162.8	17043.6	14228.2	11122.5	8400.2	6572.4	4435.4	2580.1	1387.2	1091.0
-27.5°	18763.1	15540.7	13327.8	11216.9	8762.9	6542.9	4752.9	2996.4	1664.4	1186.0	964.7
-30°	14332.0	12546.3	10874.5	9268.5	7261.1	5215.3	3244.1	2012.9	1275.1	1016.5	875.1
-32.5°	11447.6	10274.2	8999.5	7548.0	5677.8	3678.4	2250.1	1307.2	1062.4	927.4	838.4
-35°	9398.6	8316.5	7091.5	5557.1	3776.2	2391.5	1378.4	1115.4	951.6	858.6	815.5
-37.5°	7382.1	6322.1	4958.8	3497.2	2270.9	1408.0	1166.2	995.9	878.5	834.0	770.7
-40°	5240.9	4098.0	2964.7	1840.4	1391.8	1175.2	1030.6	912.7	860.5	793.9	713.8
-42.5°	3066.2	2083.3	1527.7	1319.3	1143.4	1037.9	941.2	889.9	824.1	737.5	638.0
-45°	1551.0	1368.5	1199.5	1113.2	1019.0	962.0	913.5	842.2	760.3	662.1	555.4
-47.5°	1214.9	1144.8	1068.3	1020.2	979.8	928.1	850.3	770.0	676.5	579.6	490.9
-50°	1100.2	1074.7	1041.3	992.3	923.0	851.6	766.5	676.9	591.4	508.7	427.0
-52.5°	1109.2	1048.8	984.4	914.9	830.7	747.5	665.0	590.3	514.5	439.0	366.5
-55°	1038.1	960.7	880.0	796.0	711.2	641.7	572.7	505.5	437.5	368.6	311.7
-57.5°	902.8	827.7	754.4	679.7	604.0	542.0	482.7	420.9	364.3	311.1	258.9
-60°	763.9	699.2	631.5	566.7	505.5	449.5	396.7	346.3	298.6	251.9	205.4
-62.5°	609.0	555.3	501.9	450.9	402.6	357.0	312.7	270.6	230.6	191.6	156.9
-65°	452.2	409.6	369.2	333.5	298.1	263.3	227.1	196.4	168.8	140.9	112.7
-67.5°	309.0	278.5	249.7	224.4	203.5	182.2	158.8	135.0	116.8	101.3	84.3
-70°	197.9	179.9	162.7	146.1	132.5	120.8	107.8	94.4	81.2	69.5	57.3
-72.5°	124.3	114.0	104.1	95.1	85.8	77.5	68.8	59.7	50.4	41.1	33.3
-75°	75.5	68.1	61.0	55.1	48.7	41.8	37.2	33.5	29.6	25.6	21.5
-77.5°	42.5	38.2	34.3	31.6	28.8	25.9	22.8	20.0	18.2	16.6	15.3
-80°	25.6	23.2	20.9	19.4	17.9	16.3	14.9	13.8	12.9	12.3	11.9
-82.5°	15.8	14.2	12.8	12.1	11.6	11.0	10.5	10.3	10.0	9.7	9.4
-85°	10.3	9.4	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.9
-87.5°	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.1	4.5	5.0	5.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	5.7	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.2	7.2	7.2
85°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	5.9	6.4	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	6.4	6.6	6.9	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.1	7.1	7.3	7.3	7.2	7.2	7.3	7.3	7.2	7.2
72.5°	7.2	7.2	7.2	7.4	7.7	7.7	7.5	7.4	7.6	7.6	7.3
70°	8.1	7.4	7.2	7.5	7.9	8.2	8.2	7.9	7.8	7.9	7.7
67.5°	9.8	8.7	7.9	7.7	8.0	8.4	8.8	8.5	8.3	8.3	8.2
65°	12.0	10.4	8.8	8.4	8.3	8.5	8.9	8.9	8.6	8.5	8.6
62.5°	14.9	12.5	10.7	9.3	8.7	8.7	8.9	8.9	8.9	8.7	8.8
60°	18.0	14.1	12.4	10.8	9.5	8.8	8.9	8.9	8.9	8.9	8.9
57.5°	20.1	14.8	13.3	12.0	10.6	9.4	8.9	8.9	8.9	8.9	8.9
55°	20.9	15.4	14.1	12.8	11.5	10.1	9.2	8.9	8.9	8.9	8.9
52.5°	20.4	16.3	14.9	13.5	12.2	10.9	9.9	8.9	8.9	8.9	8.9
50°	18.1	17.4	15.8	14.3	12.8	11.6	10.5	9.4	8.9	8.9	8.9
47.5°	18.3	18.4	17.1	15.1	13.5	12.3	11.2	10.0	8.9	8.9	8.9
45°	20.8	19.8	18.6	16.5	14.2	13.0	11.8	10.6	9.4	9.0	8.9
42.5°	25.2	23.6	20.6	17.9	15.8	13.7	12.4	11.2	9.9	9.1	9.0
40°	34.9	29.6	24.1	22.2	18.0	14.4	13.0	11.7	10.4	9.4	9.1
37.5°	46.9	39.3	31.1	31.0	22.1	16.6	13.6	12.2	11.0	9.9	9.3
35°	64.7	52.1	45.9	44.2	33.6	19.1	14.1	12.7	11.6	10.4	9.5
32.5°	85.3	76.3	70.6	59.5	48.4	21.9	15.8	13.6	12.3	10.9	9.7
30°	125.2	119.8	102.5	76.3	65.2	35.5	18.6	14.6	13.1	11.3	10.1
27.5°	186.9	173.4	142.4	104.6	81.0	52.0	22.1	15.8	13.8	11.9	10.4
25°	252.8	230.6	194.5	140.7	97.7	69.5	25.9	17.2	14.8	12.5	10.8
22.5°	331.6	284.7	253.4	180.8	118.8	87.2	35.0	20.2	15.8	13.1	11.2
20°	404.2	336.4	316.5	220.4	148.9	104.0	49.2	23.3	16.8	13.7	11.5
17.5°	474.6	405.2	365.0	267.2	181.9	122.9	63.1	26.5	18.0	14.4	11.8
15°	607.3	500.9	421.8	314.6	213.0	143.4	76.6	29.6	19.1	15.0	12.1
12.5°	759.5	602.5	487.4	361.8	242.1	165.0	89.5	32.6	20.2	15.5	12.2
10°	917.1	707.7	559.3	408.0	269.1	187.0	101.5	36.6	21.8	16.1	12.3
7.5°	1076.2	814.1	634.7	452.0	299.3	220.5	129.3	43.2	23.6	16.6	12.4
5°	1221.9	914.3	713.9	521.1	357.0	265.8	160.1	49.9	25.4	17.1	12.5
2.5°	1312.2	1001.4	789.9	589.8	413.3	309.5	190.3	56.5	27.0	17.5	12.5
0°	1389.0	1081.2	859.2	653.3	467.2	350.8	218.4	62.6	28.6	17.9	12.5
-2.5°	1390.2	1083.5	882.5	713.8	527.0	395.0	252.8	81.0	39.2	22.7	14.2
-5°	1379.0	1080.2	903.2	768.8	582.4	435.3	282.5	98.2	49.3	27.3	15.8
-7.5°	1405.9	1091.3	922.4	812.6	632.4	471.2	306.4	113.8	58.6	31.5	17.3
-10°	1424.3	1105.5	934.8	810.2	632.8	481.5	320.2	127.4	66.8	35.1	18.7
-12.5°	1418.4	1108.3	942.6	799.6	619.7	468.8	307.8	136.8	73.7	38.1	19.9
-15°	1385.3	1098.7	945.5	780.1	601.1	453.6	293.2	143.3	79.6	41.0	20.9
-17.5°	1304.8	1075.5	943.1	751.0	576.8	436.2	276.9	147.6	83.9	43.9	22.3
-20°	1182.3	1022.2	930.1	711.7	546.7	416.9	259.5	149.6	86.5	45.8	23.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1067.9	957.9	855.0	673.0	515.3	396.0	241.7	149.2	87.3	46.5	25.1
-25°	952.8	897.9	777.9	621.9	488.0	369.6	231.5	146.1	86.2	46.0	25.7
-27.5°	875.3	835.0	707.5	569.3	454.2	344.5	226.9	144.4	84.0	44.2	25.7
-30°	818.5	759.6	645.9	519.0	417.2	310.5	219.0	140.2	81.9	43.2	25.2
-32.5°	784.2	695.4	585.2	475.6	377.2	275.8	201.7	133.1	77.9	42.6	24.8
-35°	735.9	635.8	525.2	428.8	336.6	250.2	180.2	123.2	72.1	41.1	24.1
-37.5°	683.9	573.8	471.3	381.5	295.9	222.5	160.7	108.7	64.4	38.7	23.0
-40°	613.0	511.6	418.0	337.0	261.1	192.7	140.1	95.2	59.2	35.4	21.3
-42.5°	539.1	452.1	370.1	293.4	226.4	168.7	119.1	81.0	53.2	32.5	19.2
-45°	473.5	394.6	323.0	255.4	191.3	143.8	102.7	67.2	46.4	29.5	17.4
-47.5°	408.9	342.4	278.7	216.7	163.5	119.8	85.7	59.1	39.2	25.9	16.3
-50°	352.1	293.0	236.7	183.6	135.6	100.7	70.2	50.4	34.1	21.4	15.1
-52.5°	302.6	248.1	197.8	150.9	113.3	80.9	59.9	41.6	28.5	18.7	13.7
-55°	256.2	204.9	159.8	123.1	91.4	67.4	49.1	34.7	22.5	16.7	12.3
-57.5°	209.4	161.8	128.1	97.7	74.1	55.1	39.6	27.4	19.2	14.7	12.0
-60°	162.7	128.7	98.9	78.0	59.7	43.6	30.8	21.2	16.7	12.8	11.6
-62.5°	124.6	97.3	78.6	61.2	46.0	33.0	22.5	18.1	14.0	12.4	11.2
-65°	93.6	75.8	59.5	45.5	32.9	23.5	18.9	14.9	13.0	11.9	10.7
-67.5°	68.2	54.5	41.5	29.7	23.4	19.0	15.1	13.5	12.4	11.4	10.3
-70°	45.2	33.7	26.7	22.1	18.0	14.8	13.8	12.8	11.8	10.8	9.8
-72.5°	28.1	23.4	19.2	15.8	14.6	13.6	12.9	12.2	11.2	10.3	9.3
-75°	17.7	16.1	14.9	13.9	13.1	12.5	12.0	11.5	10.6	9.7	9.2
-77.5°	14.3	13.4	12.6	12.2	11.9	11.6	11.2	10.8	10.0	9.5	9.1
-80°	11.6	11.4	11.3	11.2	11.0	10.7	10.4	10.1	9.6	9.2	9.0
-82.5°	9.5	9.7	10.0	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.7
-85°	8.2	8.6	8.9	9.2	9.0	8.9	8.8	8.6	8.5	8.4	8.2
-87.5°	7.1	7.4	7.8	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.7
-90°	5.4	5.4	5.4	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.3	7.2	7.2	7.2	7.2	7.2	7.2
67.5°	7.7	7.2	7.2	7.2	7.2	7.2	7.2
65°	8.1	7.4	7.2	7.2	7.2	7.2	7.2
62.5°	8.5	7.7	7.2	7.2	7.2	7.2	7.2
60°	8.9	8.0	7.2	7.2	7.2	7.2	7.2
57.5°	8.9	8.3	7.4	7.2	7.2	7.2	7.2
55°	8.9	8.6	7.7	7.2	7.2	7.2	7.2
52.5°	8.9	8.9	7.9	7.2	7.2	7.2	7.2
50°	8.9	8.9	8.2	7.2	7.2	7.2	7.2
47.5°	8.9	8.9	8.4	7.2	7.2	7.2	7.2
45°	8.9	8.9	8.6	7.4	7.2	7.2	7.2
42.5°	8.9	8.9	8.8	7.6	7.2	7.2	7.2
40°	8.9	8.9	8.9	7.7	7.2	7.2	7.2
37.5°	8.9	8.9	8.9	7.8	7.2	7.2	7.2
35°	8.9	8.9	8.9	7.9	7.2	7.2	7.2
32.5°	9.0	8.9	8.9	7.9	7.2	7.2	7.2
30°	9.1	8.9	8.9	8.0	7.2	7.2	7.2
27.5°	9.3	8.9	8.8	8.0	7.2	7.2	7.2
25°	9.6	8.9	8.8	8.0	7.2	7.2	7.2
22.5°	9.8	8.9	8.8	8.0	7.2	7.2	7.2
20°	10.0	8.9	8.8	7.9	7.2	7.2	7.2
17.5°	10.2	8.9	8.8	7.9	7.2	7.2	7.2
15°	10.3	8.9	8.8	7.8	7.2	7.2	7.2
12.5°	10.4	8.9	8.8	7.7	7.2	7.2	7.2
10°	10.5	8.9	8.8	7.6	7.2	7.2	7.2
7.5°	10.6	8.9	8.9	7.5	7.2	7.2	7.2
5°	10.7	8.9	8.9	7.4	7.2	7.2	7.2
2.5°	10.7	8.9	8.9	7.3	7.2	7.2	7.2
0°	10.7	8.9	8.9	7.2	7.2	7.2	7.2
-2.5°	11.4	9.3	8.9	7.3	7.2	7.2	7.2
-5°	12.1	9.7	8.9	7.4	7.2	7.2	7.2
-7.5°	12.7	10.0	8.9	7.5	7.2	7.2	7.2
-10°	13.3	10.4	8.8	7.6	7.2	7.2	7.2
-12.5°	13.8	10.6	8.8	7.7	7.2	7.2	7.2
-15°	14.3	10.9	8.8	7.8	7.2	7.2	7.2
-17.5°	14.7	11.0	8.8	7.9	7.2	7.2	7.2
-20°	15.2	11.1	8.8	7.9	7.2	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.7	11.0	8.8	8.0	7.2	7.2	7.2
-25°	16.0	11.0	8.8	8.0	7.2	7.2	7.2
-27.5°	16.0	10.9	8.8	8.0	7.2	7.2	7.2
-30°	15.7	10.7	8.9	8.0	7.2	7.2	7.2
-32.5°	15.2	10.4	9.0	7.9	7.2	7.2	7.2
-35°	14.7	10.1	9.1	7.9	7.2	7.2	7.2
-37.5°	14.2	9.8	9.1	7.8	7.2	7.2	7.2
-40°	13.7	9.9	9.2	7.7	7.2	7.2	7.2
-42.5°	13.0	10.0	9.1	7.6	7.2	7.2	7.2
-45°	12.2	10.0	9.0	7.5	7.2	7.2	7.2
-47.5°	11.3	10.0	8.8	7.3	7.2	7.2	7.2
-50°	11.1	9.9	8.6	7.3	7.2	7.2	7.2
-52.5°	10.9	9.8	8.4	7.4	7.2	7.2	7.2
-55°	10.8	9.6	8.2	7.4	7.2	7.2	7.2
-57.5°	10.6	9.3	8.0	7.4	7.2	7.2	7.2
-60°	10.3	9.1	7.8	7.5	7.2	7.2	7.2
-62.5°	10.0	8.8	7.9	7.5	7.2	7.2	7.2
-65°	9.6	8.5	7.9	7.5	7.2	7.2	7.2
-67.5°	9.2	8.3	7.9	7.5	7.2	7.2	7.2
-70°	8.8	8.4	7.9	7.5	7.2	7.2	7.2
-72.5°	8.8	8.4	8.0	7.5	7.2	7.2	7.2
-75°	8.8	8.4	8.0	7.5	7.2	7.2	7.2
-77.5°	8.8	8.4	7.9	7.5	7.2	7.2	7.2
-80°	8.9	8.3	7.8	7.4	7.2	7.2	7.2
-82.5°	8.5	8.0	7.6	7.4	7.2	7.2	7.2
-85°	8.1	7.7	7.5	7.3	7.2	7.2	7.2
-87.5°	7.6	7.5	7.3	7.3	7.2	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)