

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: P1306161 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-2S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

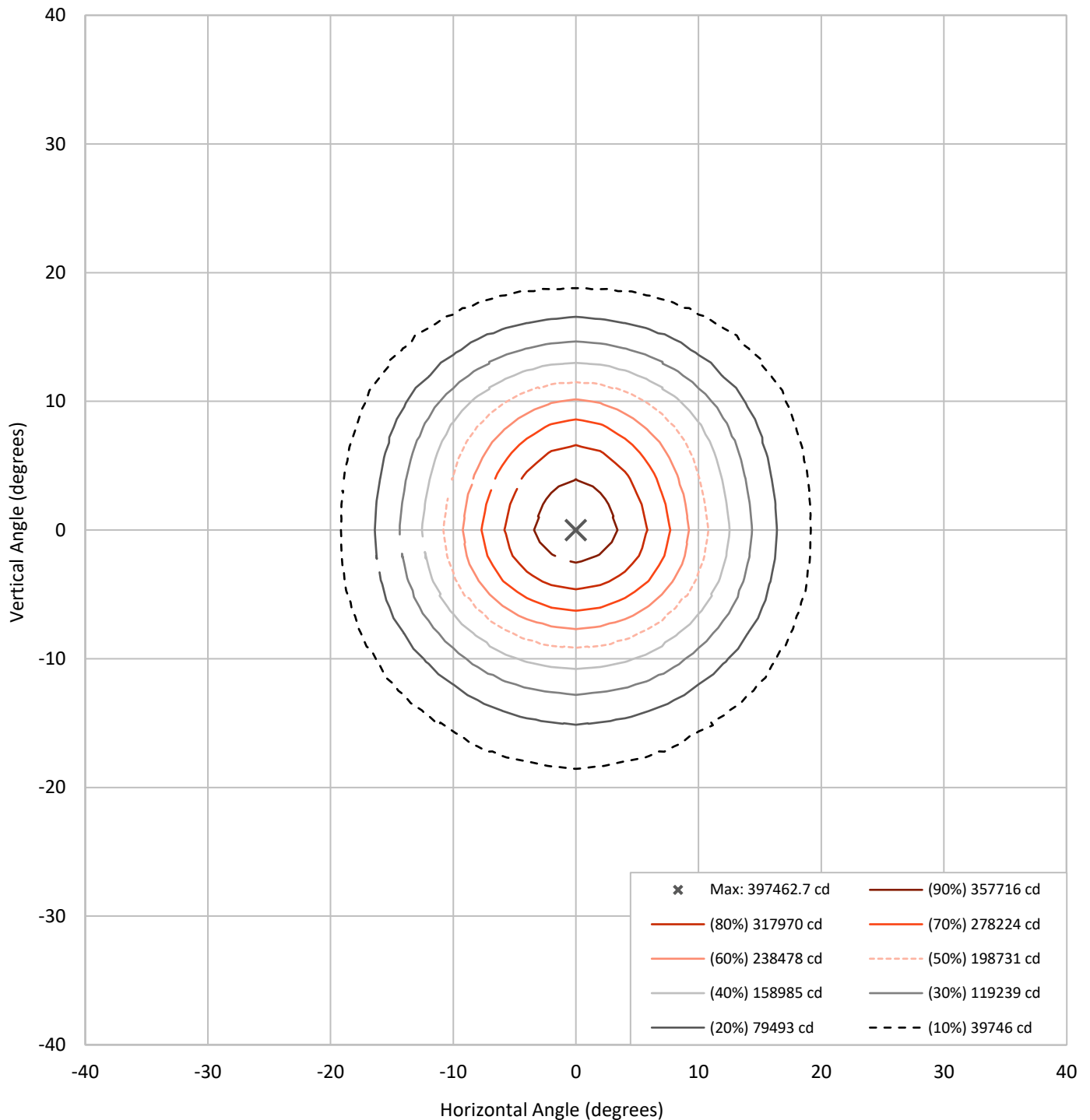
Test Method: LM-79-08  
Report Number: P1306161 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-40-80-2S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 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:	64270.1 lumens	Max Intensity:	397462.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.0 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:	29844.1 lumens	Field Lumens:	54332.5 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	569		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





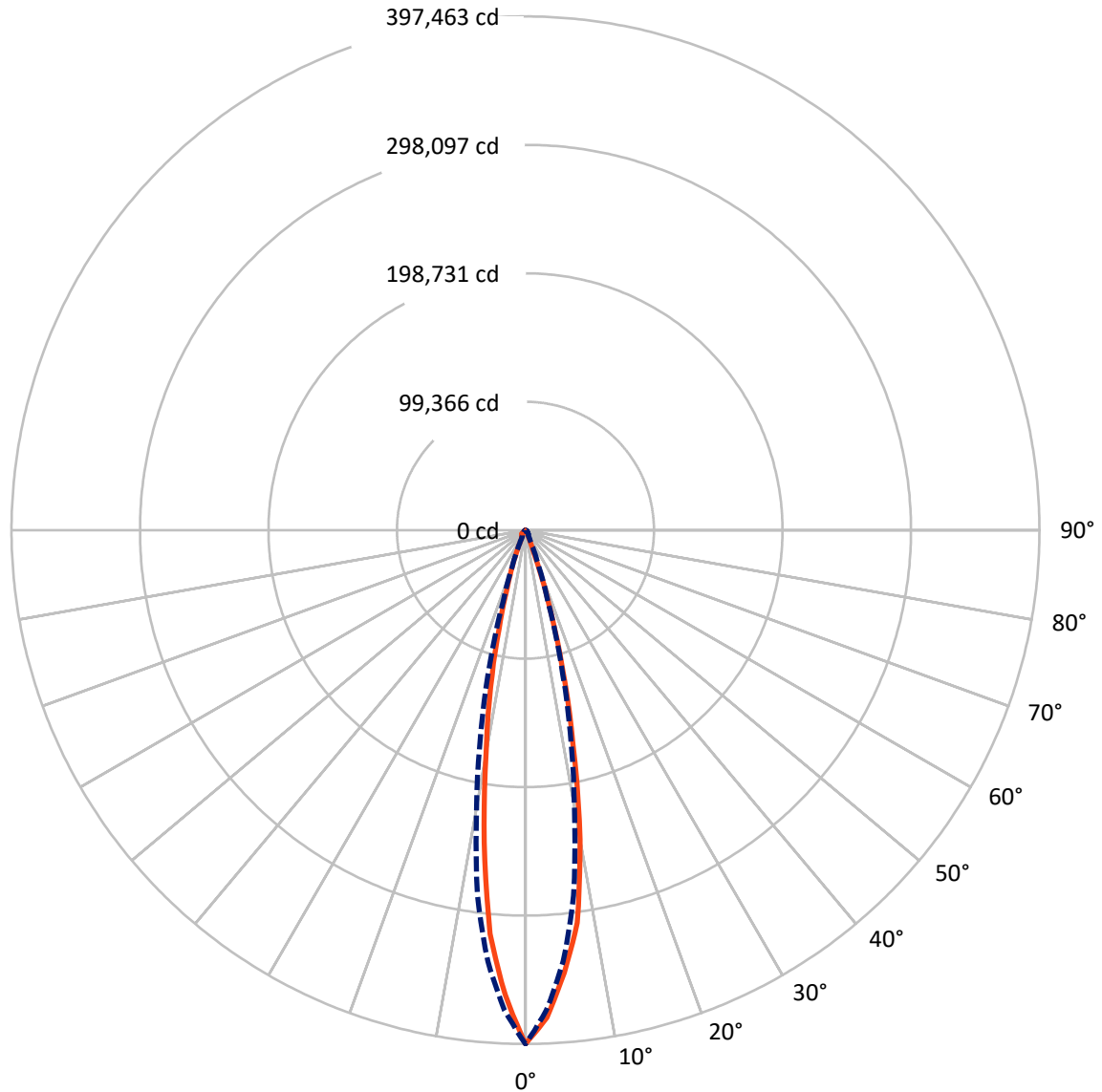
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### Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1								
70	0.1	0.1	0.1	0.5	0.6	0.3	0.2	0.2	0.2	0.2	0.3	0.6	0.5	0.1	0.1	0.1		
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1			
50	0.2	0.2	0.4	0.4	0.5	0.9	1.5	1.0	1.0	1.5	0.9	0.5	0.4	0.4	0.2	0.2		
40		0.2	0.8	2.3	4.2	6.2	8.6	10.3	10.3	8.6	6.2	4.2	2.3	0.8	0.2			
30	0.2	0.5	4.1	13.0	30.8	46.7	80.8	153.1	153.1	80.8	46.7	30.8	13.0	4.1	0.5	0.2		
20		1.2	8.6	34.4	78.7	147.2	961.6	2979.7	2979.7	961.6	147.2	78.7	34.4	8.6	1.2			
10	0.3	1.9	11.2	46.1	93.5	294.9	2826.2	8470.2	8470.2	2826.2	294.9	93.5	46.1	11.2	1.9	0.3		
0		2.3	12.0	46.3	93.3	281.1	2658.1	7703.5	7703.5	2658.1	281.1	93.3	46.3	12.0	2.3			
-10	0.5	2.7	11.5	37.0	78.9	136.7	781.9	2264.1	2264.1	781.9	136.7	78.9	37.0	11.5	2.7	0.5		
-20		2.8	10.8	26.3	70.7	105.5	160.3	309.9	309.9	160.3	105.5	70.7	26.3	10.8	2.8			
-30	0.4	2.5	9.3	19.7	49.3	102.5	133.1	148.8	148.8	133.1	102.5	49.3	19.7	9.3	2.5	0.4		
-40		1.7	7.0	16.2	29.1	49.4	84.4	112.5	112.5	84.4	49.4	29.1	16.2	7.0	1.7			
-50	0.3	0.9	4.1	10.7	20.8	31.4	40.9	46.3	46.3	40.9	31.4	20.8	10.7	4.1	0.9	0.3		
-60		0.4	1.4	4.4	9.1	14.7	20.1	23.3	23.3	20.1	14.7	9.1	4.4	1.4	0.4			
-70	0.2	0.9	4.1	10.7	20.8	31.4	40.9	46.3	46.3	40.9	31.4	20.8	10.7	4.1	0.9	0.2		
-80		0.4	1.4	4.4	9.1	14.7	20.1	23.3	23.3	20.1	14.7	9.1	4.4	1.4	0.4			
-90	0.2	1.0	3.1	7.2	9.7	7.2	3.1	1.0	0.2									

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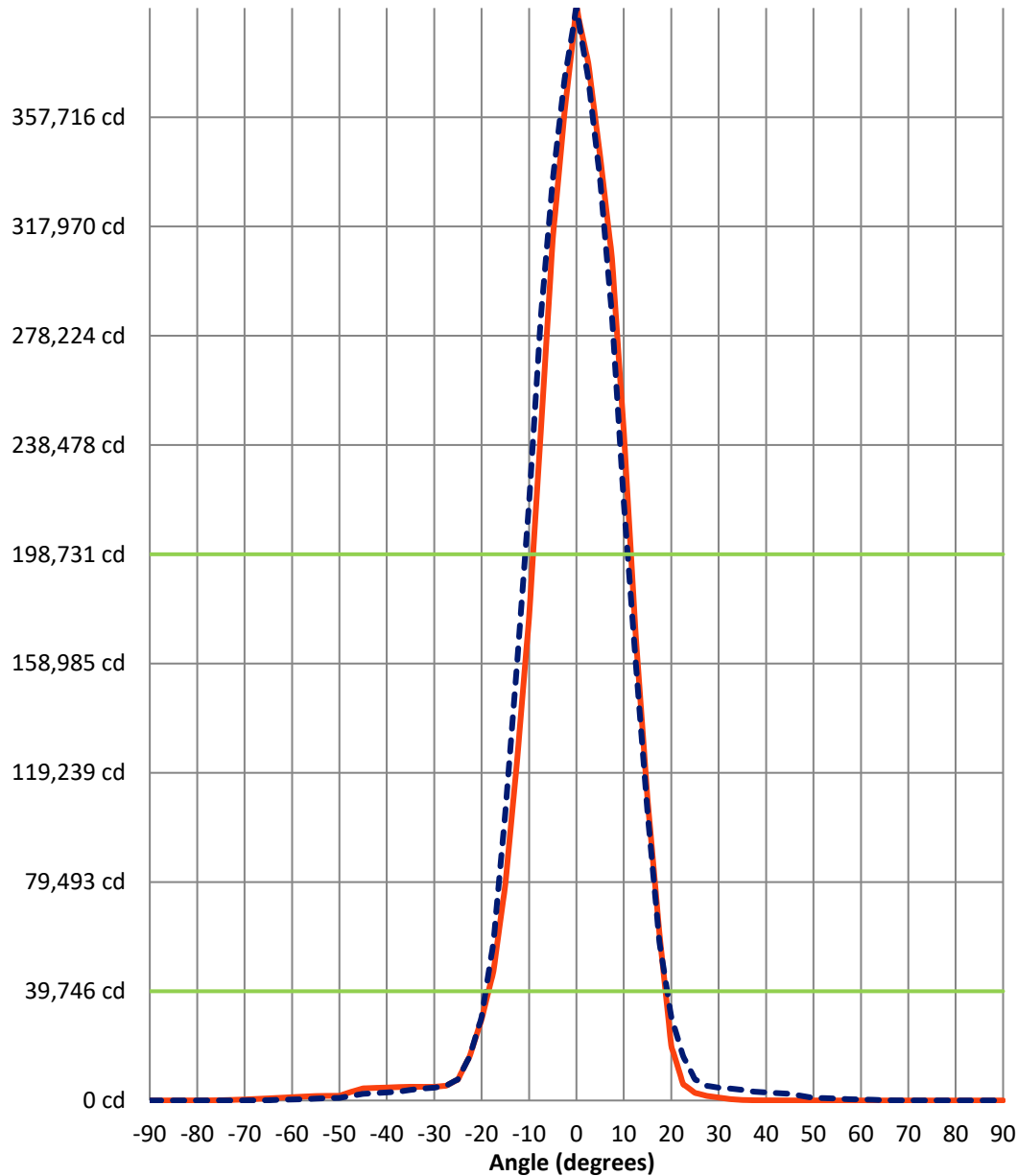
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.6°  
 V Angle: 20.7°  
 Lumens: 29844.1  
 Efficiency: 46.4%

**Field:**  
 H Angle: 38.3°  
 V Angle: 37.3°  
 Lumens: 54332.5  
 Efficiency: 84.5%

**Spill:**  
 Lumens: 9937.6  
 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°	4.7	5.5	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.0	9.4
87.5°	4.7	4.7	4.7	4.4	4.0	3.8	3.5	3.5	3.4	3.3	3.1
85°	4.7	4.8	4.7	4.4	4.2	4.0	3.9	3.8	3.7	3.4	3.1
82.5°	4.7	4.8	4.7	4.5	4.3	4.3	4.3	4.2	3.9	3.7	3.5
80°	4.7	4.8	4.7	4.5	4.5	4.5	4.7	4.4	4.2	4.2	4.2
77.5°	4.7	4.9	4.7	4.6	4.6	4.7	4.7	4.5	4.5	4.6	4.7
75°	4.7	4.9	4.7	4.6	4.7	4.8	4.7	4.6	4.7	4.7	4.7
72.5°	4.7	5.0	4.7	4.7	4.9	4.9	4.8	4.7	4.7	4.7	4.7
70°	4.7	5.0	4.8	4.7	5.0	5.1	4.8	4.7	4.7	4.7	4.8
67.5°	4.7	5.0	4.8	4.9	5.2	5.2	4.9	4.7	4.7	4.9	4.9
65°	4.7	5.1	4.8	5.0	5.3	5.3	4.9	4.7	5.0	5.2	5.0
62.5°	4.7	5.1	4.9	5.2	5.5	5.3	5.0	5.0	5.4	5.5	5.1
60°	4.7	5.2	4.9	5.4	5.7	5.4	5.0	5.4	5.8	5.5	5.2
57.5°	4.7	5.2	5.0	5.5	5.7	5.4	5.4	5.9	6.0	5.6	5.7
55°	4.7	5.2	5.2	5.7	5.8	5.5	5.8	6.3	6.0	5.8	6.3
52.5°	4.7	5.3	5.3	5.9	5.8	5.5	6.2	6.5	6.1	6.4	7.0
50°	4.7	5.3	5.4	6.1	5.9	5.9	6.6	6.5	6.3	7.0	8.6
47.5°	4.7	5.4	5.5	6.2	5.9	6.2	6.9	6.6	6.8	7.6	10.0
45°	4.7	5.4	5.6	6.2	6.0	6.5	7.0	6.7	7.4	8.7	11.3
42.5°	4.7	5.5	5.7	6.3	6.0	6.8	7.1	7.0	8.0	9.6	13.0
40°	4.7	5.5	5.8	6.3	6.2	7.1	7.1	7.6	8.7	10.5	14.8
37.5°	4.7	5.6	5.9	6.4	6.4	7.4	7.2	8.1	9.6	11.7	16.4
35°	4.7	5.6	6.0	6.4	6.6	7.5	7.3	8.7	10.5	13.6	17.8
32.5°	4.7	5.7	6.0	6.5	6.8	7.6	7.5	9.3	11.3	15.5	19.7
30°	4.7	5.7	6.1	6.5	7.0	7.7	8.0	9.9	12.2	17.5	21.8
27.5°	4.7	5.8	6.1	6.6	7.2	7.8	8.4	10.6	13.3	19.5	24.0
25°	4.7	5.8	6.2	6.7	7.4	7.8	8.9	11.2	14.8	21.3	26.4
22.5°	4.7	5.9	6.2	6.8	7.5	7.9	9.3	11.9	16.4	23.2	30.7
20°	4.7	5.9	6.2	6.9	7.6	8.0	9.8	12.4	17.9	25.1	35.6
17.5°	4.7	6.0	6.3	7.1	7.7	8.2	10.2	13.0	19.3	27.1	40.8
15°	4.7	6.0	6.3	7.2	7.8	8.3	10.7	13.5	20.7	29.0	46.4
12.5°	4.7	6.1	6.3	7.3	7.8	8.5	11.1	14.0	21.9	30.8	52.1
10°	4.7	6.1	6.3	7.4	7.9	8.7	11.5	14.4	22.8	33.2	58.0
7.5°	4.7	6.2	6.3	7.6	7.9	8.9	11.8	14.8	23.7	35.7	63.8
5°	4.7	6.2	6.3	7.7	7.9	9.0	12.1	15.1	24.3	38.1	69.3
2.5°	4.7	6.3	6.3	7.8	7.9	9.2	12.4	15.4	24.8	40.4	74.3
0°	4.7	6.3	6.3	7.9	7.9	9.4	12.6	15.7	25.2	42.5	78.7
-2.5°	4.7	6.3	6.4	8.0	8.2	9.9	13.8	19.4	32.8	56.0	98.1
-5°	4.7	6.4	6.4	8.1	8.4	10.4	15.0	22.9	40.1	68.9	116.4
-7.5°	4.7	6.4	6.5	8.2	8.7	10.9	16.1	26.2	46.9	80.8	133.4
-10°	4.7	6.4	6.6	8.2	9.0	11.3	17.1	29.2	53.0	91.6	148.7
-12.5°	4.7	6.4	6.6	8.3	9.2	11.7	17.9	31.7	58.2	100.9	161.7
-15°	4.7	6.5	6.7	8.3	9.4	12.1	18.6	33.7	63.4	108.8	172.3
-17.5°	4.7	6.5	6.8	8.4	9.6	12.4	19.1	36.0	68.4	115.4	180.3
-20°	4.7	6.5	6.8	8.4	9.8	12.7	19.8	38.3	72.3	120.6	185.5



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 CATALOG NUMBER: EPH-08-530N-40-80-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	6.5	6.9	8.4	9.9	12.8	20.5	39.7	74.7	124.2	187.7
-25°	4.7	6.5	7.0	8.4	10.0	13.0	20.8	40.1	75.6	126.3	186.7
-27.5°	4.7	6.5	7.0	8.4	10.1	13.2	20.7	39.4	75.0	127.0	188.1
-30°	4.7	6.5	7.1	8.4	10.2	13.3	20.1	37.5	73.8	126.1	187.7
-32.5°	4.7	6.5	7.2	8.4	10.3	13.3	18.9	36.4	71.7	122.9	185.2
-35°	4.7	6.5	7.2	8.4	10.4	13.1	18.4	35.0	67.9	117.5	180.5
-37.5°	4.7	6.5	7.3	8.3	10.4	13.0	18.2	32.9	62.3	109.7	169.4
-40°	4.7	6.4	7.3	8.3	10.4	13.1	17.9	29.9	55.1	101.4	155.6
-42.5°	4.7	6.4	7.4	8.3	10.4	13.1	17.4	26.1	49.4	89.9	139.5
-45°	4.7	6.4	7.4	8.2	10.4	13.0	16.8	23.1	44.1	76.6	121.8
-47.5°	4.7	6.4	7.5	8.2	10.3	12.9	16.0	22.2	37.6	62.0	105.1
-50°	4.7	6.3	7.5	8.2	10.3	12.8	15.8	21.1	29.9	53.1	86.8
-52.5°	4.7	6.3	7.6	8.3	10.1	12.6	15.5	19.8	26.2	43.4	67.7
-55°	4.7	6.3	7.6	8.3	10.0	12.4	15.2	18.4	24.3	32.9	55.6
-57.5°	4.7	6.2	7.7	8.4	9.8	12.1	14.8	17.9	22.2	28.5	42.5
-60°	4.7	6.2	7.7	8.4	9.6	11.8	14.4	17.3	20.3	25.7	32.2
-62.5°	4.7	6.1	7.6	8.4	9.5	11.5	14.0	16.6	19.4	22.8	28.7
-65°	4.7	6.1	7.5	8.3	9.4	11.1	13.4	15.9	18.5	21.3	25.1
-67.5°	4.7	6.1	7.4	8.3	9.3	10.8	12.9	15.1	17.5	20.1	22.9
-70°	4.7	6.0	7.3	8.2	9.1	10.4	12.3	14.3	16.4	18.7	21.3
-72.5°	4.7	5.9	7.2	8.1	8.9	10.0	11.6	13.4	15.3	17.3	19.6
-75°	4.7	5.9	7.1	7.9	8.6	9.6	11.0	12.5	14.1	15.9	17.9
-77.5°	4.7	5.8	7.0	7.7	8.4	9.2	10.2	11.6	13.1	14.5	16.0
-80°	4.7	5.8	6.8	7.5	8.1	8.8	9.5	10.7	12.1	13.3	14.6
-82.5°	4.7	5.7	6.7	7.3	7.9	8.5	9.0	10.0	11.0	12.2	13.4
-85°	4.7	5.6	6.6	7.1	7.6	8.2	8.7	9.4	10.2	11.1	12.1
-87.5°	4.7	5.6	6.4	6.9	7.4	7.8	8.3	8.9	9.4	10.1	10.7
-90°	4.7	4.7	4.7	4.3	3.9	3.5	3.1	3.1	3.1	3.1	3.1



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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°	9.4	9.4	9.4	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2
87.5°	2.9	2.7	2.6	2.5	2.3	2.1	1.9	1.6	1.6	1.6	1.6
85°	3.1	3.1	3.1	3.1	2.7	2.4	2.0	1.6	1.6	1.6	1.6
82.5°	3.6	3.5	3.4	3.1	2.8	2.4	2.0	1.8	1.8	1.8	1.8
80°	4.2	4.0	3.6	3.2	2.9	2.8	2.8	2.8	2.7	2.5	2.3
77.5°	4.4	4.0	3.6	3.2	3.1	3.4	3.7	3.9	3.9	3.7	3.5
75°	4.4	4.0	3.9	3.9	4.1	4.4	4.7	4.7	4.6	4.4	4.4
72.5°	4.5	4.4	4.4	4.7	4.7	4.7	4.7	4.7	6.0	7.7	8.9
70°	4.6	4.7	4.7	4.7	4.7	5.2	7.3	10.4	13.7	15.4	17.0
67.5°	4.7	4.7	4.7	4.9	6.0	8.4	11.9	18.7	26.0	27.8	27.5
65°	4.7	4.7	5.3	6.4	7.8	13.6	20.9	29.4	35.8	34.8	32.5
62.5°	4.7	5.4	6.4	8.8	13.4	20.4	27.0	33.1	39.2	38.1	32.9
60°	5.4	6.2	8.8	13.4	18.6	23.6	29.9	33.9	37.9	38.8	29.7
57.5°	6.1	8.0	12.4	17.2	21.6	25.3	27.7	31.1	32.5	31.5	23.1
55°	7.4	10.6	15.3	20.0	23.1	22.1	23.6	24.7	24.2	22.3	16.4
52.5°	9.6	13.1	17.8	21.6	22.0	19.9	18.6	18.8	17.3	14.7	12.8
50°	11.6	15.6	19.8	22.0	21.0	17.8	14.9	14.4	13.4	12.1	11.0
47.5°	13.7	17.9	21.3	22.5	19.4	16.6	13.7	12.8	12.1	12.4	11.7
45°	15.8	19.8	23.2	21.3	18.6	16.3	15.2	12.6	14.1	15.1	15.7
42.5°	17.8	21.4	22.8	20.3	18.9	18.8	18.5	17.9	18.8	22.7	24.9
40°	19.2	22.9	22.8	22.3	20.7	23.7	26.6	28.9	29.1	34.2	38.2
37.5°	20.5	23.5	24.8	28.0	26.5	32.1	37.0	56.7	57.6	47.6	64.6
35°	21.7	24.7	32.6	41.6	45.1	43.9	71.6	97.5	103.9	93.5	110.9
32.5°	23.1	26.5	43.2	64.2	83.2	84.4	116.2	157.4	179.1	186.4	196.0
30°	25.5	36.3	59.6	92.7	138.3	175.5	190.7	235.0	275.0	355.1	411.0
27.5°	30.1	49.2	87.0	143.6	213.5	283.9	308.1	339.0	443.7	585.5	725.7
25°	35.6	76.3	118.2	211.0	317.9	396.1	426.9	468.4	666.3	940.4	1101.5
22.5°	49.9	111.3	165.3	288.6	433.7	505.4	545.6	694.7	997.5	1361.4	1524.8
20°	75.5	153.0	222.7	353.5	550.0	613.9	658.9	969.2	1409.9	1755.8	2011.9
17.5°	105.0	194.7	279.8	421.9	600.3	696.5	790.7	1272.2	1842.2	2146.2	2447.8
15°	137.5	236.3	329.2	482.7	645.9	746.0	993.3	1615.1	2232.9	2529.6	2830.4
12.5°	172.0	277.2	371.7	536.2	690.9	792.2	1177.3	1859.6	2441.8	2831.9	3193.0
10°	207.2	317.1	407.9	582.3	734.5	834.9	1349.5	2067.4	2552.4	2899.6	3308.6
7.5°	230.9	343.2	436.1	621.4	775.9	874.2	1505.5	2238.9	2627.6	2933.5	3297.0
5°	249.7	353.0	446.9	649.2	810.0	905.2	1628.3	2374.3	2673.2	2938.7	3236.0
2.5°	264.6	359.7	455.3	670.8	837.2	925.0	1669.0	2416.0	2682.3	2938.5	3206.8
0°	275.4	363.6	461.1	686.2	859.3	941.1	1677.7	2425.3	2675.5	2932.0	3218.5
-2.5°	285.2	374.7	479.2	699.4	860.2	942.9	1669.4	2414.5	2705.7	3003.0	3345.1
-5°	291.1	383.7	494.0	706.0	856.9	941.8	1631.4	2371.5	2702.6	3004.2	3366.1
-7.5°	294.0	390.5	505.1	705.2	845.0	929.0	1530.6	2233.7	2596.4	2880.5	3259.8
-10°	295.0	398.8	512.3	690.3	823.0	907.6	1400.4	2070.3	2478.9	2745.1	3113.1
-12.5°	297.7	408.4	516.8	673.4	801.0	883.2	1253.2	1884.6	2351.6	2599.9	2945.6
-15°	297.5	415.8	519.1	656.0	780.7	856.0	1092.4	1679.7	2256.9	2572.3	2854.8
-17.5°	294.7	421.0	519.4	639.3	763.0	825.9	927.0	1498.6	2178.6	2560.9	2835.1
-20°	289.6	424.0	517.8	624.4	746.6	813.1	895.5	1323.3	1970.3	2520.6	2827.3



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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°	282.3	424.8	516.0	616.9	733.7	817.2	887.9	1131.1	1695.1	2453.7	2774.6
-25°	278.3	412.4	513.9	608.1	720.0	822.1	879.9	953.8	1423.3	2116.9	2651.1
-27.5°	276.2	398.0	502.2	593.6	702.5	820.9	880.6	943.2	1193.4	1732.4	2460.2
-30°	269.7	374.2	486.3	574.6	681.9	797.7	886.4	935.5	1005.7	1423.8	2017.8
-32.5°	256.3	349.3	460.1	553.9	654.9	770.7	880.4	935.2	995.2	1119.2	1598.6
-35°	242.0	329.8	430.1	528.2	621.7	734.2	841.4	933.2	985.1	1049.3	1263.6
-37.5°	230.7	307.8	399.5	496.8	589.1	690.1	798.3	899.6	977.3	1042.0	1123.6
-40°	216.5	283.4	371.5	462.7	553.0	646.4	747.6	849.7	947.6	1045.7	1120.2
-42.5°	199.4	264.4	342.3	427.9	514.5	604.3	694.6	793.1	907.3	1030.9	1126.4
-45°	179.1	242.3	311.7	391.1	472.4	558.7	646.1	735.0	855.5	982.5	1102.2
-47.5°	156.2	216.9	283.0	351.4	428.2	508.6	593.7	686.7	792.5	913.7	1044.1
-50°	132.1	188.4	250.1	313.5	382.0	456.4	535.0	629.0	728.4	834.7	952.5
-52.5°	109.3	157.1	214.2	274.7	336.8	403.3	477.0	561.1	654.4	753.3	852.3
-55°	84.6	127.7	175.3	231.9	291.5	351.4	415.8	490.5	571.5	661.7	750.4
-57.5°	65.6	97.1	138.2	185.5	241.0	299.1	356.1	416.7	487.7	564.6	639.3
-60°	49.7	71.3	101.6	141.6	186.2	238.4	293.1	348.4	405.5	462.7	526.4
-62.5°	35.2	51.8	71.9	98.4	136.5	175.4	221.1	272.0	325.8	374.9	421.9
-65°	30.8	35.7	49.4	68.1	87.7	119.8	154.5	190.1	234.5	278.5	323.2
-67.5°	26.2	30.7	35.1	42.1	59.0	75.9	92.7	122.9	153.8	181.8	211.8
-70°	23.8	26.0	29.6	33.6	37.4	44.5	59.1	73.6	87.7	104.4	128.1
-72.5°	21.7	23.5	25.5	27.7	31.1	34.5	37.8	41.1	49.4	61.0	71.8
-75°	19.5	21.0	22.6	24.4	26.3	28.4	30.7	33.6	36.2	38.8	41.4
-77.5°	17.4	18.7	20.0	21.2	22.5	24.1	25.8	27.6	29.1	30.6	32.2
-80°	15.5	16.4	17.5	18.6	19.5	20.4	21.4	22.4	23.3	24.1	25.1
-82.5°	13.9	14.5	15.2	15.9	16.5	17.0	17.4	18.0	18.9	19.7	20.4
-85°	12.4	12.6	12.9	13.3	13.9	14.5	15.0	15.5	15.8	16.3	16.7
-87.5°	10.9	11.0	11.1	11.2	11.7	12.3	12.8	13.3	13.5	13.6	13.8
-90°	2.7	2.4	2.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.6	12.6	12.6	12.6	12.6	13.0	13.4	13.8	14.2	14.2	14.2
87.5°	1.6	1.5	1.5	1.5	1.5	1.1	0.8	0.4	0.0	0.0	0.0
85°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	2.1	2.0	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	3.3	3.1	2.7	2.3	1.7	1.6	1.6	1.6	1.6	1.6	1.6
75°	4.5	4.5	4.3	3.9	3.3	3.1	3.1	3.0	2.9	2.9	3.0
72.5°	9.6	9.5	8.9	8.2	7.1	6.5	6.4	6.1	5.7	5.5	5.3
70°	17.4	16.9	15.8	14.1	11.7	10.1	9.2	8.1	6.8	6.2	6.2
67.5°	25.1	22.5	20.3	17.9	14.7	12.1	10.6	9.3	8.0	7.4	7.1
65°	29.0	23.2	19.3	16.3	14.0	11.8	10.2	8.7	7.4	6.7	6.5
62.5°	26.6	19.3	15.2	12.7	10.7	9.3	8.1	7.0	5.9	5.3	5.5
60°	21.7	14.9	11.4	10.0	8.9	8.0	6.9	6.0	5.2	4.8	5.3
57.5°	16.6	11.8	9.3	8.7	7.9	6.8	6.1	5.8	5.7	5.8	6.1
55°	12.3	10.4	9.4	8.3	7.4	6.6	6.4	6.6	6.5	6.3	6.3
52.5°	10.5	9.7	8.6	7.6	7.5	7.5	7.8	7.5	7.3	7.3	7.5
50°	10.3	9.5	8.7	7.9	8.1	8.2	8.0	8.2	8.7	8.8	9.0
47.5°	11.1	10.5	11.1	9.3	9.7	10.9	10.9	11.1	12.5	13.2	13.4
45°	14.7	17.9	17.9	16.5	15.9	23.0	23.5	19.7	32.0	30.7	21.6
42.5°	27.2	28.8	28.9	36.1	48.9	55.7	73.9	102.8	96.3	74.8	45.2
40°	44.9	42.7	52.0	66.8	81.6	99.1	124.0	173.2	164.9	132.0	145.1
37.5°	77.5	77.5	82.0	102.5	108.2	93.2	132.4	128.0	102.0	143.4	151.7
35°	141.7	156.0	132.4	164.2	168.4	154.9	162.5	179.6	155.4	185.9	199.0
32.5°	254.5	280.9	284.4	292.1	315.5	333.5	328.5	370.4	372.5	412.1	466.3
30°	406.9	461.5	518.0	526.8	556.0	603.4	627.3	711.7	801.1	859.7	967.3
27.5°	715.3	728.8	842.4	931.9	896.3	967.3	1145.0	1248.0	1419.0	1520.8	1629.1
25°	1148.9	1185.9	1346.1	1511.1	1533.1	1597.9	1856.1	2003.5	2179.6	2282.5	2505.8
22.5°	1699.0	1859.0	2035.3	2252.2	2341.2	2493.6	2744.6	2960.7	3327.8	3781.9	4760.4
20°	2311.9	2552.3	2789.3	2979.9	3163.4	3405.8	3711.1	4754.0	5989.8	9713.0	12281.9
17.5°	2836.4	3230.1	3456.6	3641.1	3871.5	4339.1	5551.3	8624.6	14551.0	22840.3	30428.0
15°	3244.2	3611.8	3976.2	4207.5	4567.4	5602.5	8069.0	15606.0	27886.4	41879.4	58812.4
12.5°	3567.6	3872.9	4178.8	4519.2	5184.5	7201.7	13476.7	25116.3	42974.1	65593.1	95612.2
10°	3742.2	4047.7	4342.9	4827.5	6059.0	9732.2	18526.4	33876.3	61904.1	97229.8	135487.0
7.5°	3741.0	4113.3	4478.4	5069.5	6950.3	12756.0	24474.7	45246.2	78398.3	122686.7	171939.4
5°	3738.9	4189.5	4572.0	5239.1	7507.8	14819.5	28167.0	51543.0	91828.6	141808.2	194545.8
2.5°	3775.2	4271.1	4632.5	5350.8	7766.1	15926.9	30215.1	56516.4	101218.2	152692.0	209046.2
0°	3860.6	4343.7	4667.9	5362.0	7735.3	16155.2	30453.4	57719.7	104831.9	159518.1	217347.2
-2.5°	4001.8	4333.2	4647.9	5316.7	7632.2	15684.0	29897.0	56670.1	100644.6	151922.2	207890.0
-5°	3916.8	4184.5	4462.8	5064.5	7126.0	14032.0	26930.5	50710.5	88269.6	134317.1	182261.3
-7.5°	3698.6	3969.9	4227.7	4746.7	6396.4	11579.6	22029.5	40737.0	70073.1	105934.7	143591.8
-10°	3499.7	3743.0	3985.7	4400.8	5465.4	8493.3	15764.0	28830.3	51161.4	78194.7	106972.5
-12.5°	3346.6	3551.0	3737.9	4016.1	4608.1	6299.3	11468.5	21166.2	34355.9	51566.7	72627.8
-15°	3211.8	3370.7	3508.2	3775.9	4215.9	5099.5	7146.1	12686.3	20904.8	31749.5	43249.5
-17.5°	3087.1	3239.5	3401.9	3605.9	3882.9	4307.1	5482.8	7813.2	12554.5	19638.6	26421.0
-20°	3023.4	3209.8	3349.5	3509.0	3744.2	4070.1	4483.2	5639.2	7593.4	11947.1	16357.1



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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°	2973.1	3150.9	3310.2	3495.3	3736.8	3994.1	4217.0	4570.1	5492.1	6859.4	9136.0
-25°	2911.8	3087.1	3322.7	3592.2	3799.6	3994.2	4107.3	4180.9	4576.6	4967.4	5839.0
-27.5°	2795.5	3073.4	3419.3	3710.3	3933.5	4054.2	4145.3	4205.0	4442.2	4675.3	4928.9
-30°	2691.6	3117.6	3491.1	3829.4	4023.7	4171.2	4290.0	4397.5	4561.4	4758.8	4851.0
-32.5°	2322.7	3105.6	3521.1	3832.5	4032.2	4206.2	4389.3	4488.6	4633.0	4777.6	4894.1
-35°	1824.4	2620.0	3488.6	3667.0	3865.2	4092.0	4312.0	4453.4	4600.3	4749.2	4886.5
-37.5°	1366.7	1961.7	2666.1	3310.4	3576.4	3808.7	4078.6	4296.4	4488.8	4651.1	4807.4
-40°	1197.9	1359.4	1877.6	2389.3	2932.8	3431.6	3698.5	3989.9	4279.5	4480.0	4658.4
-42.5°	1196.1	1257.9	1310.8	1653.8	2071.9	2500.9	2954.8	3377.9	3848.9	4179.1	4429.6
-45°	1203.7	1251.8	1301.2	1350.9	1396.5	1712.1	2043.1	2378.8	2870.3	3358.4	3780.3
-47.5°	1146.4	1239.3	1298.4	1346.0	1391.2	1435.5	1478.8	1569.3	1883.5	2216.2	2520.2
-50°	1055.5	1151.3	1239.2	1327.4	1379.2	1423.0	1470.1	1521.8	1572.1	1623.1	1657.1
-52.5°	944.1	1038.3	1129.8	1213.6	1288.9	1363.0	1437.1	1497.2	1550.9	1603.2	1629.3
-55°	837.5	922.3	1005.7	1079.3	1152.9	1225.9	1299.6	1372.8	1445.6	1517.1	1553.6
-57.5°	719.2	801.6	880.1	942.0	1004.5	1066.8	1133.7	1202.5	1268.9	1329.7	1361.7
-60°	593.7	664.2	731.5	791.7	850.2	906.4	963.2	1020.6	1076.8	1126.2	1155.3
-62.5°	468.9	523.4	579.4	631.8	681.7	729.7	781.4	830.9	877.6	917.0	944.4
-65°	367.1	407.8	443.7	480.0	516.9	559.1	601.7	642.1	679.9	711.1	734.5
-67.5°	249.3	286.6	319.5	350.4	378.7	407.5	438.1	467.4	495.2	518.3	536.4
-70°	150.7	171.8	190.5	211.4	236.0	260.3	284.5	306.8	327.1	343.8	357.1
-72.5°	81.9	90.8	100.4	115.4	129.1	142.9	156.4	168.9	180.2	190.2	198.9
-75°	44.0	47.8	54.8	61.0	66.5	72.1	77.5	82.5	86.9	90.6	93.6
-77.5°	34.0	35.9	37.6	39.0	40.3	41.6	42.7	43.9	45.0	46.0	47.0
-80°	26.2	27.4	28.7	29.9	31.0	31.8	32.5	33.1	33.5	34.2	34.8
-82.5°	21.0	21.6	22.2	22.8	23.4	24.0	24.7	25.3	26.0	26.2	26.4
-85°	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.7	18.7	18.8
-87.5°	13.9	13.9	14.0	14.0	14.1	14.5	14.9	15.3	15.6	15.7	15.7
-90°	1.6	1.2	0.8	0.4	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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	13.8
87.5°	0.0	0.0	0.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.4
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9	3.0
72.5°	5.0	4.7	4.7	4.7	4.7	4.7	5.0	5.3	5.5	5.7	6.1
70°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.8	8.1
67.5°	6.8	6.4	5.6	4.7	5.6	6.4	6.8	7.1	7.4	8.0	9.3
65°	6.3	6.3	5.6	4.7	5.6	6.3	6.3	6.5	6.7	7.4	8.7
62.5°	5.8	6.2	5.6	4.7	5.6	6.2	5.8	5.5	5.3	5.9	7.0
60°	5.7	6.2	6.3	6.3	6.3	6.2	5.7	5.3	4.8	5.2	6.0
57.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.1	5.8	5.7	5.8
55°	6.3	6.3	6.9	7.9	6.9	6.3	6.3	6.3	6.3	6.5	6.6
52.5°	7.7	7.8	7.9	7.9	7.9	7.8	7.7	7.5	7.3	7.3	7.5
50°	9.2	9.3	9.4	9.4	9.4	9.3	9.2	9.0	8.8	8.7	8.2
47.5°	13.3	12.8	12.5	12.6	12.5	12.8	13.3	13.4	13.2	12.5	11.1
45°	21.9	21.8	21.8	22.0	21.8	21.8	21.9	21.6	30.7	32.0	19.7
42.5°	44.0	39.7	36.3	37.8	36.3	39.7	44.0	45.2	74.8	96.3	102.8
40°	129.5	88.9	51.5	51.9	51.5	88.9	129.5	145.1	132.0	164.9	173.2
37.5°	121.0	97.6	88.1	86.6	88.1	97.6	121.0	151.7	143.4	102.0	128.0
35°	199.7	198.5	189.8	188.9	189.8	198.5	199.7	199.0	185.9	155.4	179.6
32.5°	487.2	507.2	500.8	492.6	500.8	507.2	487.2	466.3	412.1	372.5	370.4
30°	1018.3	1062.7	1053.7	1078.1	1053.7	1062.7	1018.3	967.3	859.7	801.1	711.7
27.5°	1689.1	1718.1	1688.1	1679.3	1688.1	1718.1	1689.1	1629.1	1520.8	1419.0	1248.0
25°	2658.4	2714.7	2740.6	2793.5	2740.6	2714.7	2658.4	2505.8	2282.5	2179.6	2003.5
22.5°	5977.1	6325.4	6146.5	5986.8	6146.5	6325.4	5977.1	4760.4	3781.9	3327.8	2960.7
20°	17541.1	20639.1	20410.8	20003.2	20410.8	20639.1	17541.1	12281.9	9713.0	5989.8	4754.0
17.5°	42296.7	51814.6	57742.0	60861.1	57742.0	51814.6	42296.7	30428.0	22840.3	14551.0	8624.6
15°	78908.0	94917.0	104316.7	109647.8	104316.7	94917.0	78908.0	58812.4	41879.4	27886.4	15606.0
12.5°	124472.0	149563.9	166210.1	169392.3	166210.1	149563.9	124472.0	95612.2	65593.1	42974.1	25116.3
10°	174644.1	206781.2	233285.3	242951.6	233285.3	206781.2	174644.1	135487.0	97229.8	61904.1	33876.3
7.5°	217492.8	258503.3	293697.0	306214.4	293697.0	258503.3	217492.8	171939.4	122686.7	78398.3	45246.2
5°	248650.5	303052.6	334908.7	343504.4	334908.7	303052.6	248650.5	194545.8	141808.2	91828.6	51543.0
2.5°	274013.1	325654.1	359808.2	377417.8	359808.2	325654.1	274013.1	209046.2	152692.0	101218.2	56516.4
0°	285164.5	334791.7	371626.9	397462.7	371626.9	334791.7	285164.5	217347.2	159518.1	104831.9	57719.7
-2.5°	271460.3	322211.0	348413.7	359737.5	348413.7	322211.0	271460.3	207890.0	151922.2	100644.6	56670.1
-5°	230798.0	278639.7	304975.3	313342.2	304975.3	278639.7	230798.0	182261.3	134317.1	88269.6	50710.5
-7.5°	180032.0	213176.8	235898.4	243817.2	235898.4	213176.8	180032.0	143591.8	105934.7	70073.1	40737.0
-10°	135560.2	159330.7	171506.8	175622.2	171506.8	159330.7	135560.2	106972.5	78194.7	51161.4	28830.3
-12.5°	93083.0	110977.5	118848.3	124019.1	118848.3	110977.5	93083.0	72627.8	51566.7	34355.9	21166.2
-15°	57257.9	68923.7	75121.4	78659.4	75121.4	68923.7	57257.9	43249.5	31749.5	20904.8	12686.3
-17.5°	34787.1	41128.5	45235.6	47096.5	45235.6	41128.5	34787.1	26421.0	19638.6	12554.5	7813.2
-20°	21596.7	25818.9	28217.1	29592.5	28217.1	25818.9	21596.7	16357.1	11947.1	7593.4	5639.2



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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°	12132.4	14449.0	15748.1	16200.9	15748.1	14449.0	12132.4	9136.0	6859.4	5492.1	4570.1
-25°	6746.7	7336.3	7594.4	7655.0	7594.4	7336.3	6746.7	5839.0	4967.4	4576.6	4180.9
-27.5°	5148.7	5274.4	5354.0	5377.7	5354.0	5274.4	5148.7	4928.9	4675.3	4442.2	4205.0
-30°	4938.7	4951.9	4973.8	4970.1	4973.8	4951.9	4938.7	4851.0	4758.8	4561.4	4397.5
-32.5°	4976.2	4981.1	4985.5	4978.0	4985.5	4981.1	4976.2	4894.1	4777.6	4633.0	4488.6
-35°	4961.4	4975.6	4986.8	4992.1	4986.8	4975.6	4961.4	4886.5	4749.2	4600.3	4453.4
-37.5°	4869.6	4889.2	4898.9	4889.8	4898.9	4889.2	4869.6	4807.4	4651.1	4488.8	4296.4
-40°	4701.2	4715.4	4716.3	4708.9	4716.3	4715.4	4701.2	4658.4	4480.0	4279.5	3989.9
-42.5°	4505.9	4555.6	4579.1	4579.8	4579.1	4555.6	4505.9	4429.6	4179.1	3848.9	3377.9
-45°	4047.7	4255.1	4378.2	4408.3	4378.2	4255.1	4047.7	3780.3	3358.4	2870.3	2378.8
-47.5°	2763.2	2969.3	3103.3	3153.9	3103.3	2969.3	2763.2	2520.2	2216.2	1883.5	1569.3
-50°	1681.9	1706.9	1717.9	1715.5	1717.9	1706.9	1681.9	1657.1	1623.1	1572.1	1521.8
-52.5°	1649.3	1669.1	1681.2	1687.1	1681.2	1669.1	1649.3	1629.3	1603.2	1550.9	1497.2
-55°	1583.7	1608.4	1621.2	1624.2	1621.2	1608.4	1583.7	1553.6	1517.1	1445.6	1372.8
-57.5°	1388.7	1410.2	1422.6	1427.5	1422.6	1410.2	1388.7	1361.7	1329.7	1268.9	1202.5
-60°	1178.8	1196.8	1204.7	1205.5	1204.7	1196.8	1178.8	1155.3	1126.2	1076.8	1020.6
-62.5°	967.1	985.1	991.0	989.9	991.0	985.1	967.1	944.4	917.0	877.6	830.9
-65°	754.0	769.6	772.7	769.6	772.7	769.6	754.0	734.5	711.1	679.9	642.1
-67.5°	551.7	563.9	567.4	566.6	567.4	563.9	551.7	536.4	518.3	495.2	467.4
-70°	367.6	375.5	375.2	371.4	375.2	375.5	367.6	357.1	343.8	327.1	306.8
-72.5°	206.3	212.2	217.0	220.3	217.0	212.2	206.3	198.9	190.2	180.2	168.9
-75°	96.1	98.0	100.4	102.3	100.4	98.0	96.1	93.6	90.6	86.9	82.5
-77.5°	47.8	48.5	49.5	50.4	49.5	48.5	47.8	47.0	46.0	45.0	43.9
-80°	35.5	36.0	36.2	36.2	36.2	36.0	35.5	34.8	34.2	33.5	33.1
-82.5°	26.6	26.7	26.8	26.8	26.8	26.7	26.6	26.4	26.2	26.0	25.3
-85°	18.8	18.9	19.7	20.5	19.7	18.9	18.8	18.8	18.7	18.7	18.6
-87.5°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.6	15.3
-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°	13.4	13.0	12.6	12.6	12.6	12.6	12.6	12.2	11.8	11.4	11.0
87.5°	0.8	1.1	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
85°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8
80°	1.6	1.6	1.6	1.8	2.0	2.0	2.1	2.3	2.5	2.7	2.8
77.5°	1.6	1.6	1.7	2.3	2.7	3.1	3.3	3.5	3.7	3.9	3.9
75°	3.1	3.1	3.3	3.9	4.3	4.5	4.5	4.4	4.4	4.6	4.7
72.5°	6.4	6.5	7.1	8.2	8.9	9.5	9.6	8.9	7.7	6.0	4.7
70°	9.2	10.1	11.7	14.1	15.8	16.9	17.4	17.0	15.4	13.7	10.4
67.5°	10.6	12.1	14.7	17.9	20.3	22.5	25.1	27.5	27.8	26.0	18.7
65°	10.2	11.8	14.0	16.3	19.3	23.2	29.0	32.5	34.8	35.8	29.4
62.5°	8.1	9.3	10.7	12.7	15.2	19.3	26.6	32.9	38.1	39.2	33.1
60°	6.9	8.0	8.9	10.0	11.4	14.9	21.7	29.7	38.8	37.9	33.9
57.5°	6.1	6.8	7.9	8.7	9.3	11.8	16.6	23.1	31.5	32.5	31.1
55°	6.4	6.6	7.4	8.3	9.4	10.4	12.3	16.4	22.3	24.2	24.7
52.5°	7.8	7.5	7.5	7.6	8.6	9.7	10.5	12.8	14.7	17.3	18.8
50°	8.0	8.2	8.1	7.9	8.7	9.5	10.3	11.0	12.1	13.4	14.4
47.5°	10.9	10.9	9.7	9.3	11.1	10.5	11.1	11.7	12.4	12.1	12.8
45°	23.5	23.0	15.9	16.5	17.9	17.9	14.7	15.7	15.1	14.1	12.6
42.5°	73.9	55.7	48.9	36.1	28.9	28.8	27.2	24.9	22.7	18.8	17.9
40°	124.0	99.1	81.6	66.8	52.0	42.7	44.9	38.2	34.2	29.1	28.9
37.5°	132.4	93.2	108.2	102.5	82.0	77.5	77.5	64.6	47.6	57.6	56.7
35°	162.5	154.9	168.4	164.2	132.4	156.0	141.7	110.9	93.5	103.9	97.5
32.5°	328.5	333.5	315.5	292.1	284.4	280.9	254.5	196.0	186.4	179.1	157.4
30°	627.3	603.4	556.0	526.8	518.0	461.5	406.9	411.0	355.1	275.0	235.0
27.5°	1145.0	967.3	896.3	931.9	842.4	728.8	715.3	725.7	585.5	443.7	339.0
25°	1856.1	1597.9	1533.1	1511.1	1346.1	1185.9	1148.9	1101.5	940.4	666.3	468.4
22.5°	2744.6	2493.6	2341.2	2252.2	2035.3	1859.0	1699.0	1524.8	1361.4	997.5	694.7
20°	3711.1	3405.8	3163.4	2979.9	2789.3	2552.3	2311.9	2011.9	1755.8	1409.9	969.2
17.5°	5551.3	4339.1	3871.5	3641.1	3456.6	3230.1	2836.4	2447.8	2146.2	1842.2	1272.2
15°	8069.0	5602.5	4567.4	4207.5	3976.2	3611.8	3244.2	2830.4	2529.6	2232.9	1615.1
12.5°	13476.7	7201.7	5184.5	4519.2	4178.8	3872.9	3567.6	3193.0	2831.9	2441.8	1859.6
10°	18526.4	9732.2	6059.0	4827.5	4342.9	4047.7	3742.2	3308.6	2899.6	2552.4	2067.4
7.5°	24474.7	12756.0	6950.3	5069.5	4478.4	4113.3	3741.0	3297.0	2933.5	2627.6	2238.9
5°	28167.0	14819.5	7507.8	5239.1	4572.0	4189.5	3738.9	3236.0	2938.7	2673.2	2374.3
2.5°	30215.1	15926.9	7766.1	5350.8	4632.5	4271.1	3775.2	3206.8	2938.5	2682.3	2416.0
0°	<b>30453.4</b>	<b>16155.2</b>	<b>7735.3</b>	<b>5362.0</b>	<b>4667.9</b>	<b>4343.7</b>	<b>3860.6</b>	<b>3218.5</b>	<b>2932.0</b>	<b>2675.5</b>	<b>2425.3</b>
-2.5°	29897.0	15684.0	7632.2	5316.7	4647.9	4333.2	4001.8	3345.1	3003.0	2705.7	2414.5
-5°	26930.5	14032.0	7126.0	5064.5	4462.8	4184.5	3916.8	3366.1	3004.2	2702.6	2371.5
-7.5°	22029.5	11579.6	6396.4	4746.7	4227.7	3969.9	3698.6	3259.8	2880.5	2596.4	2233.7
-10°	15764.0	8493.3	5465.4	4400.8	3985.7	3743.0	3499.7	3113.1	2745.1	2478.9	2070.3
-12.5°	11468.5	6299.3	4608.1	4016.1	3737.9	3551.0	3346.6	2945.6	2599.9	2351.6	1884.6
-15°	7146.1	5099.5	4215.9	3775.9	3508.2	3370.7	3211.8	2854.8	2572.3	2256.9	1679.7
-17.5°	5482.8	4307.1	3882.9	3605.9	3401.9	3239.5	3087.1	2835.1	2560.9	2178.6	1498.6
-20°	4483.2	4070.1	3744.2	3509.0	3349.5	3209.8	3023.4	2827.3	2520.6	1970.3	1323.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4217.0	3994.1	3736.8	3495.3	3310.2	3150.9	2973.1	2774.6	2453.7	1695.1	1131.1
-25°	4107.3	3994.2	3799.6	3592.2	3322.7	3087.1	2911.8	2651.1	2116.9	1423.3	953.8
-27.5°	4145.3	4054.2	3933.5	3710.3	3419.3	3073.4	2795.5	2460.2	1732.4	1193.4	943.2
-30°	4290.0	4171.2	4023.7	3829.4	3491.1	3117.6	2691.6	2017.8	1423.8	1005.7	935.5
-32.5°	4389.3	4206.2	4032.2	3832.5	3521.1	3105.6	2322.7	1598.6	1119.2	995.2	935.2
-35°	4312.0	4092.0	3865.2	3667.0	3488.6	2620.0	1824.4	1263.6	1049.3	985.1	933.2
-37.5°	4078.6	3808.7	3576.4	3310.4	2666.1	1961.7	1366.7	1123.6	1042.0	977.3	899.6
-40°	3698.5	3431.6	2932.8	2389.3	1877.6	1359.4	1197.9	1120.2	1045.7	947.6	849.7
-42.5°	2954.8	2500.9	2071.9	1653.8	1310.8	1257.9	1196.1	1126.4	1030.9	907.3	793.1
-45°	2043.1	1712.1	1396.5	1350.9	1301.2	1251.8	1203.7	1102.2	982.5	855.5	735.0
-47.5°	1478.8	1435.5	1391.2	1346.0	1298.4	1239.3	1146.4	1044.1	913.7	792.5	686.7
-50°	1470.1	1423.0	1379.2	1327.4	1239.2	1151.3	1055.5	952.5	834.7	728.4	629.0
-52.5°	1437.1	1363.0	1288.9	1213.6	1129.8	1038.3	944.1	852.3	753.3	654.4	561.1
-55°	1299.6	1225.9	1152.9	1079.3	1005.7	922.3	837.5	750.4	661.7	571.5	490.5
-57.5°	1133.7	1066.8	1004.5	942.0	880.1	801.6	719.2	639.3	564.6	487.7	416.7
-60°	963.2	906.4	850.2	791.7	731.5	664.2	593.7	526.4	462.7	405.5	348.4
-62.5°	781.4	729.7	681.7	631.8	579.4	523.4	468.9	421.9	374.9	325.8	272.0
-65°	601.7	559.1	516.9	480.0	443.7	407.8	367.1	323.2	278.5	234.5	190.1
-67.5°	438.1	407.5	378.7	350.4	319.5	286.6	249.3	211.8	181.8	153.8	122.9
-70°	284.5	260.3	236.0	211.4	190.5	171.8	150.7	128.1	104.4	87.7	73.6
-72.5°	156.4	142.9	129.1	115.4	100.4	90.8	81.9	71.8	61.0	49.4	41.1
-75°	77.5	72.1	66.5	61.0	54.8	47.8	44.0	41.4	38.8	36.2	33.6
-77.5°	42.7	41.6	40.3	39.0	37.6	35.9	34.0	32.2	30.6	29.1	27.6
-80°	32.5	31.8	31.0	29.9	28.7	27.4	26.2	25.1	24.1	23.3	22.4
-82.5°	24.7	24.0	23.4	22.8	22.2	21.6	21.0	20.4	19.7	18.9	18.0
-85°	18.4	18.2	18.0	17.8	17.6	17.4	17.2	16.7	16.3	15.8	15.5
-87.5°	14.9	14.5	14.1	14.0	14.0	13.9	13.9	13.8	13.6	13.5	13.3
-90°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.6	10.2	9.8	9.4	9.4	9.4	9.4	9.4	9.0	8.7	8.3
87.5°	1.9	2.1	2.3	2.5	2.6	2.7	2.9	3.1	3.3	3.4	3.5
85°	2.0	2.4	2.7	3.1	3.1	3.1	3.1	3.1	3.4	3.7	3.8
82.5°	2.0	2.4	2.8	3.1	3.4	3.5	3.6	3.5	3.7	3.9	4.2
80°	2.8	2.8	2.9	3.2	3.6	4.0	4.2	4.2	4.2	4.2	4.4
77.5°	3.7	3.4	3.1	3.2	3.6	4.0	4.4	4.7	4.6	4.5	4.5
75°	4.7	4.4	4.1	3.9	3.9	4.0	4.4	4.7	4.7	4.7	4.6
72.5°	4.7	4.7	4.7	4.7	4.4	4.4	4.5	4.7	4.7	4.7	4.7
70°	7.3	5.2	4.7	4.7	4.7	4.7	4.6	4.8	4.7	4.7	4.7
67.5°	11.9	8.4	6.0	4.9	4.7	4.7	4.7	4.9	4.9	4.7	4.7
65°	20.9	13.6	7.8	6.4	5.3	4.7	4.7	5.0	5.2	5.0	4.7
62.5°	27.0	20.4	13.4	8.8	6.4	5.4	4.7	5.1	5.5	5.4	5.0
60°	29.9	23.6	18.6	13.4	8.8	6.2	5.4	5.2	5.5	5.8	5.4
57.5°	27.7	25.3	21.6	17.2	12.4	8.0	6.1	5.7	5.6	6.0	5.9
55°	23.6	22.1	23.1	20.0	15.3	10.6	7.4	6.3	5.8	6.0	6.3
52.5°	18.6	19.9	22.0	21.6	17.8	13.1	9.6	7.0	6.4	6.1	6.5
50°	14.9	17.8	21.0	22.0	19.8	15.6	11.6	8.6	7.0	6.3	6.5
47.5°	13.7	16.6	19.4	22.5	21.3	17.9	13.7	10.0	7.6	6.8	6.6
45°	15.2	16.3	18.6	21.3	23.2	19.8	15.8	11.3	8.7	7.4	6.7
42.5°	18.5	18.8	18.9	20.3	22.8	21.4	17.8	13.0	9.6	8.0	7.0
40°	26.6	23.7	20.7	22.3	22.8	22.9	19.2	14.8	10.5	8.7	7.6
37.5°	37.0	32.1	26.5	28.0	24.8	23.5	20.5	16.4	11.7	9.6	8.1
35°	71.6	43.9	45.1	41.6	32.6	24.7	21.7	17.8	13.6	10.5	8.7
32.5°	116.2	84.4	83.2	64.2	43.2	26.5	23.1	19.7	15.5	11.3	9.3
30°	190.7	175.5	138.3	92.7	59.6	36.3	25.5	21.8	17.5	12.2	9.9
27.5°	308.1	283.9	213.5	143.6	87.0	49.2	30.1	24.0	19.5	13.3	10.6
25°	426.9	396.1	317.9	211.0	118.2	76.3	35.6	26.4	21.3	14.8	11.2
22.5°	545.6	505.4	433.7	288.6	165.3	111.3	49.9	30.7	23.2	16.4	11.9
20°	658.9	613.9	550.0	353.5	222.7	153.0	75.5	35.6	25.1	17.9	12.4
17.5°	790.7	696.5	600.3	421.9	279.8	194.7	105.0	40.8	27.1	19.3	13.0
15°	993.3	746.0	645.9	482.7	329.2	236.3	137.5	46.4	29.0	20.7	13.5
12.5°	1177.3	792.2	690.9	536.2	371.7	277.2	172.0	52.1	30.8	21.9	14.0
10°	1349.5	834.9	734.5	582.3	407.9	317.1	207.2	58.0	33.2	22.8	14.4
7.5°	1505.5	874.2	775.9	621.4	436.1	343.2	230.9	63.8	35.7	23.7	14.8
5°	1628.3	905.2	810.0	649.2	446.9	353.0	249.7	69.3	38.1	24.3	15.1
2.5°	1669.0	925.0	837.2	670.8	455.3	359.7	264.6	74.3	40.4	24.8	15.4
0°	1677.7	941.1	859.3	686.2	461.1	363.6	275.4	78.7	42.5	25.2	15.7
-2.5°	1669.4	942.9	860.2	699.4	479.2	374.7	285.2	98.1	56.0	32.8	19.4
-5°	1631.4	941.8	856.9	706.0	494.0	383.7	291.1	116.4	68.9	40.1	22.9
-7.5°	1530.6	929.0	845.0	705.2	505.1	390.5	294.0	133.4	80.8	46.9	26.2
-10°	1400.4	907.6	823.0	690.3	512.3	398.8	295.0	148.7	91.6	53.0	29.2
-12.5°	1253.2	883.2	801.0	673.4	516.8	408.4	297.7	161.7	100.9	58.2	31.7
-15°	1092.4	856.0	780.7	656.0	519.1	415.8	297.5	172.3	108.8	63.4	33.7
-17.5°	927.0	825.9	763.0	639.3	519.4	421.0	294.7	180.3	115.4	68.4	36.0
-20°	895.5	813.1	746.6	624.4	517.8	424.0	289.6	185.5	120.6	72.3	38.3



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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°	887.9	817.2	733.7	616.9	516.0	424.8	282.3	187.7	124.2	74.7	39.7
-25°	879.9	822.1	720.0	608.1	513.9	412.4	278.3	186.7	126.3	75.6	40.1
-27.5°	880.6	820.9	702.5	593.6	502.2	398.0	276.2	188.1	127.0	75.0	39.4
-30°	886.4	797.7	681.9	574.6	486.3	374.2	269.7	187.7	126.1	73.8	37.5
-32.5°	880.4	770.7	654.9	553.9	460.1	349.3	256.3	185.2	122.9	71.7	36.4
-35°	841.4	734.2	621.7	528.2	430.1	329.8	242.0	180.5	117.5	67.9	35.0
-37.5°	798.3	690.1	589.1	496.8	399.5	307.8	230.7	169.4	109.7	62.3	32.9
-40°	747.6	646.4	553.0	462.7	371.5	283.4	216.5	155.6	101.4	55.1	29.9
-42.5°	694.6	604.3	514.5	427.9	342.3	264.4	199.4	139.5	89.9	49.4	26.1
-45°	646.1	558.7	472.4	391.1	311.7	242.3	179.1	121.8	76.6	44.1	23.1
-47.5°	593.7	508.6	428.2	351.4	283.0	216.9	156.2	105.1	62.0	37.6	22.2
-50°	535.0	456.4	382.0	313.5	250.1	188.4	132.1	86.8	53.1	29.9	21.1
-52.5°	477.0	403.3	336.8	274.7	214.2	157.1	109.3	67.7	43.4	26.2	19.8
-55°	415.8	351.4	291.5	231.9	175.3	127.7	84.6	55.6	32.9	24.3	18.4
-57.5°	356.1	299.1	241.0	185.5	138.2	97.1	65.6	42.5	28.5	22.2	17.9
-60°	293.1	238.4	186.2	141.6	101.6	71.3	49.7	32.2	25.7	20.3	17.3
-62.5°	221.1	175.4	136.5	98.4	71.9	51.8	35.2	28.7	22.8	19.4	16.6
-65°	154.5	119.8	87.7	68.1	49.4	35.7	30.8	25.1	21.3	18.5	15.9
-67.5°	92.7	75.9	59.0	42.1	35.1	30.7	26.2	22.9	20.1	17.5	15.1
-70°	59.1	44.5	37.4	33.6	29.6	26.0	23.8	21.3	18.7	16.4	14.3
-72.5°	37.8	34.5	31.1	27.7	25.5	23.5	21.7	19.6	17.3	15.3	13.4
-75°	30.7	28.4	26.3	24.4	22.6	21.0	19.5	17.9	15.9	14.1	12.5
-77.5°	25.8	24.1	22.5	21.2	20.0	18.7	17.4	16.0	14.5	13.1	11.6
-80°	21.4	20.4	19.5	18.6	17.5	16.4	15.5	14.6	13.3	12.1	10.7
-82.5°	17.4	17.0	16.5	15.9	15.2	14.5	13.9	13.4	12.2	11.0	10.0
-85°	15.0	14.5	13.9	13.3	12.9	12.6	12.4	12.1	11.1	10.2	9.4
-87.5°	12.8	12.3	11.7	11.2	11.1	11.0	10.9	10.7	10.1	9.4	8.9
-90°	1.6	1.6	1.6	1.6	2.0	2.4	2.7	3.1	3.1	3.1	3.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.9	7.5	7.1	6.7	6.3	5.5	4.7
87.5°	3.5	3.8	4.0	4.4	4.7	4.7	4.7
85°	3.9	4.0	4.2	4.4	4.7	4.8	4.7
82.5°	4.3	4.3	4.3	4.5	4.7	4.8	4.7
80°	4.7	4.5	4.5	4.5	4.7	4.8	4.7
77.5°	4.7	4.7	4.6	4.6	4.7	4.9	4.7
75°	4.7	4.8	4.7	4.6	4.7	4.9	4.7
72.5°	4.8	4.9	4.9	4.7	4.7	5.0	4.7
70°	4.8	5.1	5.0	4.7	4.8	5.0	4.7
67.5°	4.9	5.2	5.2	4.9	4.8	5.0	4.7
65°	4.9	5.3	5.3	5.0	4.8	5.1	4.7
62.5°	5.0	5.3	5.5	5.2	4.9	5.1	4.7
60°	5.0	5.4	5.7	5.4	4.9	5.2	4.7
57.5°	5.4	5.4	5.7	5.5	5.0	5.2	4.7
55°	5.8	5.5	5.8	5.7	5.2	5.2	4.7
52.5°	6.2	5.5	5.8	5.9	5.3	5.3	4.7
50°	6.6	5.9	5.9	6.1	5.4	5.3	4.7
47.5°	6.9	6.2	5.9	6.2	5.5	5.4	4.7
45°	7.0	6.5	6.0	6.2	5.6	5.4	4.7
42.5°	7.1	6.8	6.0	6.3	5.7	5.5	4.7
40°	7.1	7.1	6.2	6.3	5.8	5.5	4.7
37.5°	7.2	7.4	6.4	6.4	5.9	5.6	4.7
35°	7.3	7.5	6.6	6.4	6.0	5.6	4.7
32.5°	7.5	7.6	6.8	6.5	6.0	5.7	4.7
30°	8.0	7.7	7.0	6.5	6.1	5.7	4.7
27.5°	8.4	7.8	7.2	6.6	6.1	5.8	4.7
25°	8.9	7.8	7.4	6.7	6.2	5.8	4.7
22.5°	9.3	7.9	7.5	6.8	6.2	5.9	4.7
20°	9.8	8.0	7.6	6.9	6.2	5.9	4.7
17.5°	10.2	8.2	7.7	7.1	6.3	6.0	4.7
15°	10.7	8.3	7.8	7.2	6.3	6.0	4.7
12.5°	11.1	8.5	7.8	7.3	6.3	6.1	4.7
10°	11.5	8.7	7.9	7.4	6.3	6.1	4.7
7.5°	11.8	8.9	7.9	7.6	6.3	6.2	4.7
5°	12.1	9.0	7.9	7.7	6.3	6.2	4.7
2.5°	12.4	9.2	7.9	7.8	6.3	6.3	4.7
0°	12.6	9.4	7.9	7.9	6.3	6.3	4.7
-2.5°	13.8	9.9	8.2	8.0	6.4	6.3	4.7
-5°	15.0	10.4	8.4	8.1	6.4	6.4	4.7
-7.5°	16.1	10.9	8.7	8.2	6.5	6.4	4.7
-10°	17.1	11.3	9.0	8.2	6.6	6.4	4.7
-12.5°	17.9	11.7	9.2	8.3	6.6	6.4	4.7
-15°	18.6	12.1	9.4	8.3	6.7	6.5	4.7
-17.5°	19.1	12.4	9.6	8.4	6.8	6.5	4.7
-20°	19.8	12.7	9.8	8.4	6.8	6.5	4.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.5	12.8	9.9	8.4	6.9	6.5	4.7
-25°	20.8	13.0	10.0	8.4	7.0	6.5	4.7
-27.5°	20.7	13.2	10.1	8.4	7.0	6.5	4.7
-30°	20.1	13.3	10.2	8.4	7.1	6.5	4.7
-32.5°	18.9	13.3	10.3	8.4	7.2	6.5	4.7
-35°	18.4	13.1	10.4	8.4	7.2	6.5	4.7
-37.5°	18.2	13.0	10.4	8.3	7.3	6.5	4.7
-40°	17.9	13.1	10.4	8.3	7.3	6.4	4.7
-42.5°	17.4	13.1	10.4	8.3	7.4	6.4	4.7
-45°	16.8	13.0	10.4	8.2	7.4	6.4	4.7
-47.5°	16.0	12.9	10.3	8.2	7.5	6.4	4.7
-50°	15.8	12.8	10.3	8.2	7.5	6.3	4.7
-52.5°	15.5	12.6	10.1	8.3	7.6	6.3	4.7
-55°	15.2	12.4	10.0	8.3	7.6	6.3	4.7
-57.5°	14.8	12.1	9.8	8.4	7.7	6.2	4.7
-60°	14.4	11.8	9.6	8.4	7.7	6.2	4.7
-62.5°	14.0	11.5	9.5	8.4	7.6	6.1	4.7
-65°	13.4	11.1	9.4	8.3	7.5	6.1	4.7
-67.5°	12.9	10.8	9.3	8.3	7.4	6.1	4.7
-70°	12.3	10.4	9.1	8.2	7.3	6.0	4.7
-72.5°	11.6	10.0	8.9	8.1	7.2	5.9	4.7
-75°	11.0	9.6	8.6	7.9	7.1	5.9	4.7
-77.5°	10.2	9.2	8.4	7.7	7.0	5.8	4.7
-80°	9.5	8.8	8.1	7.5	6.8	5.8	4.7
-82.5°	9.0	8.5	7.9	7.3	6.7	5.7	4.7
-85°	8.7	8.2	7.6	7.1	6.6	5.6	4.7
-87.5°	8.3	7.8	7.4	6.9	6.4	5.6	4.7
-90°	3.1	3.5	3.9	4.3	4.7	4.7	4.7

(END OF REPORT)