

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: P1305698 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

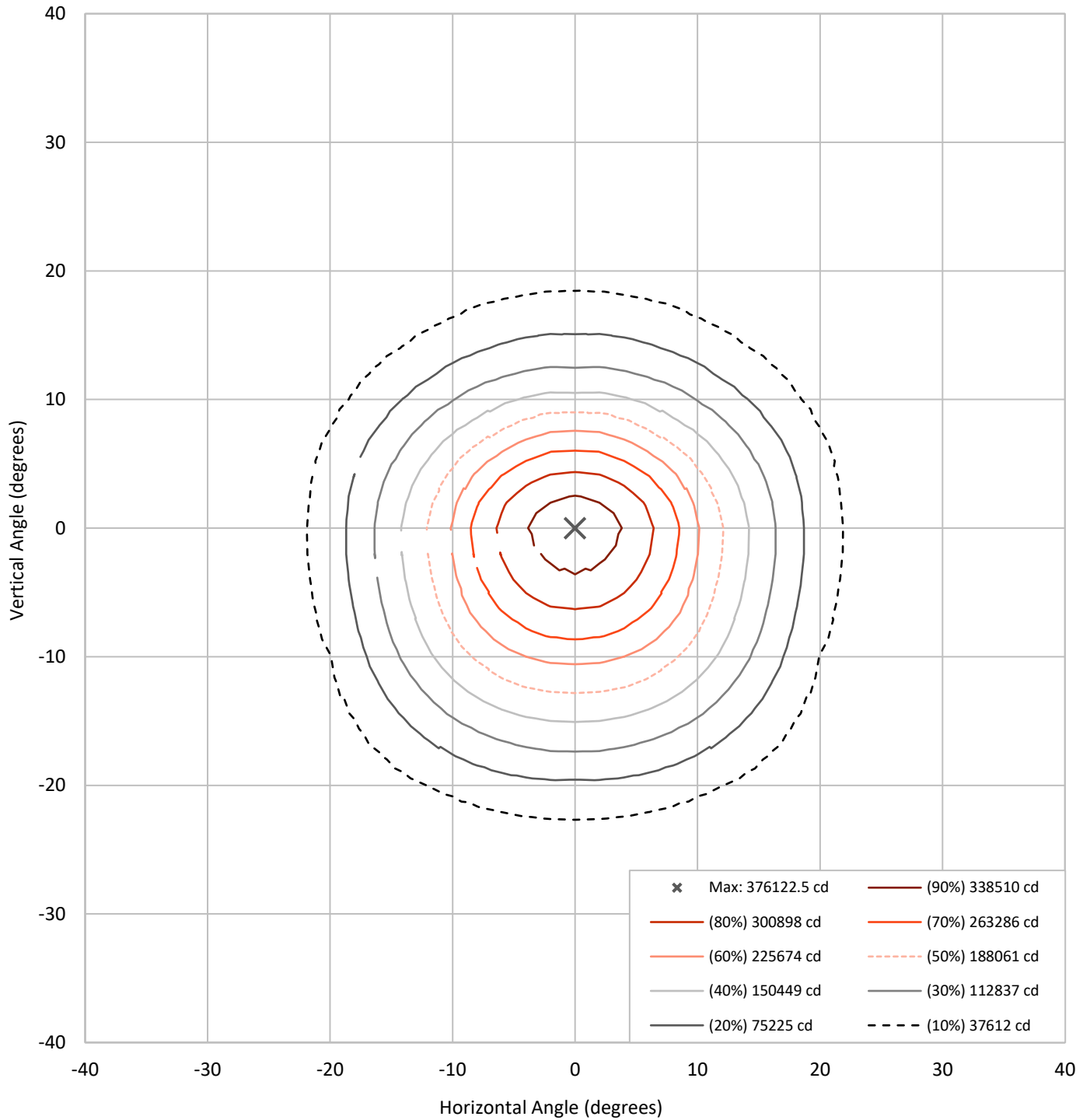
Test Method: LM-79-08
Report Number: P1305698 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	74242 lumens	Max Intensity:	376122.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	33640.1 lumens	Field Lumens:	63661.2 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot



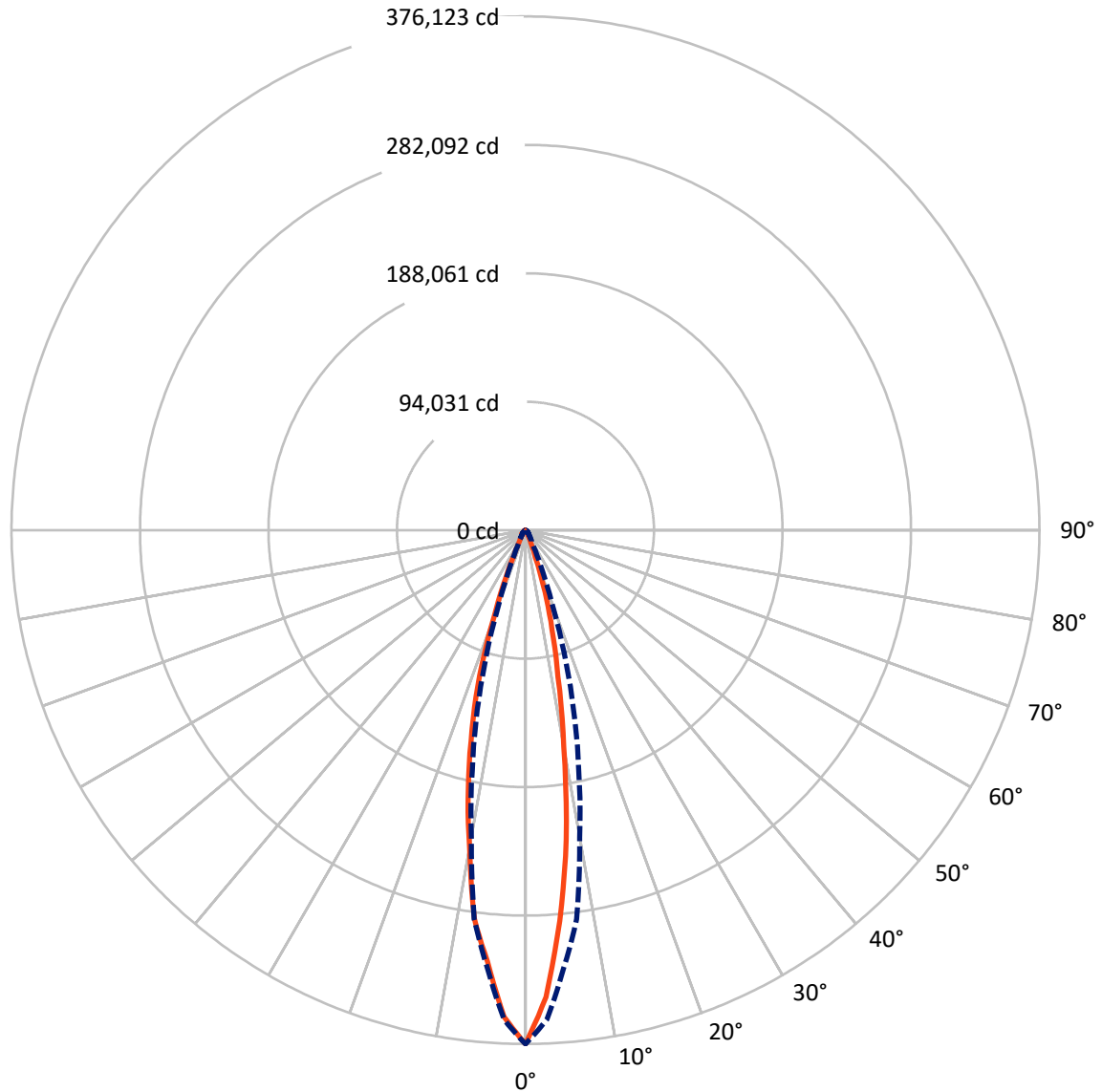
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Lumen Table

90	0.2	0.6		0.7		0.6		0.5		0.6		0.7		0.6		0.2			
80	0.2	0.6		0.7		0.6		0.5		0.6		0.7		0.6		0.2			
70	0.2	0.1	0.2	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.6	0.2	0.1	0.2			
60		0.2	0.4	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.2				
50	0.3	0.2	0.4	0.5	0.7	0.9	1.2	1.4	1.4	1.2	0.9	0.7	0.5	0.4	0.2	0.3			
40		0.2	0.9	2.0	4.0	6.2	7.9	9.6	9.6	7.9	6.2	4.0	2.0	0.9	0.2				
30	0.3	0.5	3.0	9.8	25.9	44.5	102.1	213.2	213.2	102.1	44.5	25.9	9.8	3.0	0.5	0.3			
20		1.0	7.3	26.3	65.0	178.2	936.9	2199.8	2199.8	936.9	178.2	65.0	26.3	7.3	1.0				
10	0.4	2.0	12.9	49.3	119.0	536.6	3233.9	7397.9	7397.9	3233.9	536.6	119.0	49.3	12.9	2.0	0.4			
0		3.3	17.1	59.6	136.6	579.1	3732.0	8409.8	8409.8	3732.0	579.1	136.6	59.6	17.1	3.3				
-10	0.7	3.8	17.4	56.6	125.4	337.5	1908.2	4178.0	4178.0	1908.2	337.5	125.4	56.6	17.4	3.8	0.7			
-20		3.6	14.5	37.0	86.4	152.3	349.9	712.8	712.8	349.9	152.3	86.4	37.0	14.5	3.6				
-30	0.5	3.1	10.4	22.7	50.2	89.6	123.9	149.9	149.9	123.9	89.6	50.2	22.7	10.4	3.1	0.5			
-40		2.1	7.3	15.9	28.8	49.5	80.3	104.5	104.5	80.3	49.5	28.8	15.9	7.3	2.1				
-50	0.3	1.0	4.5	10.4	18.8	28.3	36.8	42.3	42.3	36.8	28.3	18.8	10.4	4.5	1.0	0.3			
-60		0.4	1.7	5.3	10.6	16.9	23.4	27.2	27.2	23.4	16.9	10.6	5.3	1.7	0.4				
-70	0.2	1.0		3.7		10.2		14.7		10.2		3.7		1.0		0.2			
-80		1.0		3.7		10.2		14.7		10.2		3.7		1.0					
-90	0.2	1.0		3.7		10.2		14.7		10.2		3.7		1.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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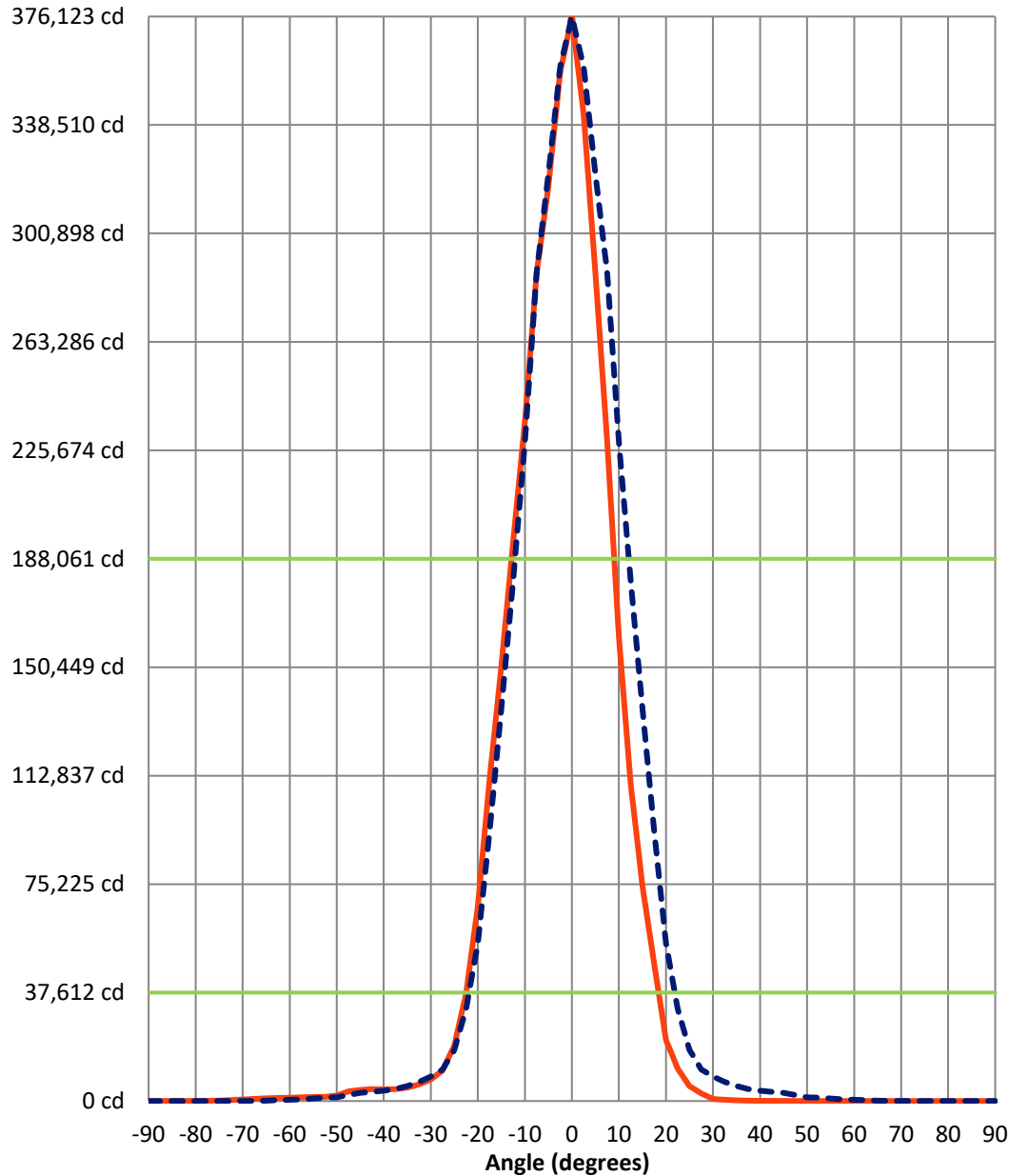
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 21.8°
 Lumens: 33640.1
 Efficiency: 45.3%

Field:
 H Angle: 43.8°
 V Angle: 40.9°
 Lumens: 63661.2
 Efficiency: 85.7%

Spill:
 Lumens: 10580.9
 Efficiency: 14.3%

— 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°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	10.2	10.7	11.1	11.6
87.5°	9.7	9.7	9.9	9.9	9.9	9.8	9.7	9.7	9.7	9.7	9.7
85°	9.7	9.8	10.0	10.1	10.0	9.9	9.7	9.7	9.7	9.7	9.7
82.5°	9.7	9.8	10.2	10.3	10.2	10.0	9.7	9.7	9.7	9.8	9.7
80°	9.7	9.9	10.3	10.5	10.4	10.1	9.8	10.0	10.1	10.0	9.7
77.5°	9.7	9.9	10.5	10.6	10.6	10.3	10.3	10.4	10.4	10.2	9.8
75°	9.7	9.9	10.6	10.8	10.7	10.6	10.8	10.9	10.8	10.3	9.8
72.5°	9.7	10.0	10.8	11.0	10.9	10.9	11.2	11.3	10.8	10.4	9.9
70°	9.7	10.0	10.9	11.2	11.1	11.2	11.6	11.3	10.9	10.4	10.0
67.5°	9.7	10.0	11.0	11.3	11.2	11.5	11.6	11.4	10.9	10.5	10.0
65°	9.7	10.1	11.2	11.3	11.4	11.6	11.6	11.4	11.0	10.5	10.3
62.5°	9.7	10.1	11.3	11.4	11.5	11.6	11.6	11.5	11.1	10.7	10.9
60°	9.7	10.1	11.3	11.5	11.6	11.6	11.6	11.5	11.1	11.1	11.4
57.5°	9.7	10.1	11.3	11.5	11.6	11.6	11.6	11.6	11.3	11.4	11.6
55°	9.7	10.1	11.3	11.5	11.6	11.6	11.6	11.6	11.5	11.6	11.6
52.5°	9.7	10.2	11.3	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
50°	9.7	10.2	11.3	11.6	11.6	11.6	11.6	11.7	11.6	11.6	12.5
47.5°	9.7	10.2	11.3	11.6	11.6	11.6	11.6	11.9	11.6	11.6	13.4
45°	9.7	10.2	11.3	11.6	11.6	11.6	11.8	12.0	11.7	12.2	14.1
42.5°	9.7	10.2	11.3	11.6	11.6	11.6	12.0	12.2	11.8	12.8	14.8
40°	9.7	10.2	11.3	11.6	11.6	11.6	12.2	12.3	12.1	13.3	15.3
37.5°	9.7	10.2	11.3	11.6	11.6	11.6	12.4	12.4	12.7	13.9	15.6
35°	9.7	10.1	11.3	11.6	11.6	11.7	12.7	12.5	13.2	14.7	15.7
32.5°	9.7	10.1	11.3	11.6	11.6	11.9	13.0	12.7	13.8	15.6	17.0
30°	9.7	10.1	11.3	11.6	11.6	12.2	13.1	12.9	14.3	16.6	18.8
27.5°	9.7	10.1	11.4	11.6	11.6	12.4	13.2	13.3	14.9	17.7	20.9
25°	9.7	10.1	11.4	11.6	11.6	12.6	13.3	13.7	15.8	19.2	23.5
22.5°	9.7	10.0	11.4	11.6	11.6	12.8	13.4	14.1	16.7	21.2	28.7
20°	9.7	10.0	11.4	11.6	11.6	13.0	13.6	14.4	17.6	23.2	33.7
17.5°	9.7	10.0	11.5	11.6	11.6	13.1	13.7	14.8	18.5	25.5	38.5
15°	9.7	9.9	11.5	11.6	11.6	13.3	13.9	15.2	19.5	27.8	43.1
12.5°	9.7	9.9	11.5	11.6	11.6	13.4	14.1	15.6	21.1	30.1	47.4
10°	9.7	9.9	11.6	11.6	11.6	13.4	14.4	16.0	23.4	34.8	55.0
7.5°	9.7	9.8	11.6	11.6	11.6	13.5	14.7	16.4	25.9	39.8	70.5
5°	9.7	9.8	11.6	11.6	11.6	13.6	15.0	16.7	28.3	44.8	86.6
2.5°	9.7	9.7	11.6	11.6	11.6	13.6	15.2	17.1	30.7	49.6	102.7
0°	9.7	9.7	11.6	11.6	11.6	13.6	15.5	17.4	32.9	54.2	118.1
-2.5°	9.7	9.7	11.6	11.6	11.6	13.6	17.0	23.2	43.7	72.0	143.6
-5°	9.7	9.7	11.6	11.6	11.6	13.6	18.5	28.7	54.0	89.1	167.3
-7.5°	9.7	9.7	11.6	11.6	11.6	13.5	19.8	33.9	63.6	105.1	188.9
-10°	9.7	9.7	11.5	11.6	11.6	13.4	20.9	38.5	72.3	119.7	208.0
-12.5°	9.7	9.7	11.5	11.6	11.6	13.4	21.8	42.4	79.8	132.4	221.2
-15°	9.7	9.7	11.5	11.6	11.6	13.3	22.4	45.5	86.6	142.7	230.5
-17.5°	9.7	9.7	11.4	11.6	11.6	13.1	22.6	48.4	92.7	151.2	237.2
-20°	9.7	9.7	11.4	11.6	11.6	13.0	23.0	50.8	97.1	158.1	241.0



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 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	9.7	9.7	11.3	11.6	11.6	12.8	23.6	52.1	99.7	163.0	241.9
-25°	9.7	9.7	11.2	11.6	11.6	13.0	23.7	52.1	100.5	166.0	239.9
-27.5°	9.7	9.7	11.2	11.6	11.6	13.3	23.0	50.7	99.2	166.9	242.1
-30°	9.7	9.7	11.1	11.6	11.6	13.4	21.7	47.9	97.2	165.1	242.0
-32.5°	9.7	9.7	11.0	11.6	11.8	13.4	19.6	45.9	93.8	160.6	239.2
-35°	9.7	9.7	10.9	11.6	11.9	13.3	18.8	43.4	88.4	153.2	233.7
-37.5°	9.7	9.7	10.8	11.6	12.1	13.1	18.6	39.7	80.9	142.9	216.3
-40°	9.7	9.7	10.7	11.6	12.2	13.3	18.1	34.9	71.3	131.8	196.5
-42.5°	9.7	9.7	10.6	11.6	12.3	13.4	17.5	29.0	63.0	116.1	175.3
-45°	9.7	9.7	10.5	11.7	12.4	13.5	16.6	24.4	54.8	98.5	153.2
-47.5°	9.7	9.7	10.4	11.7	12.4	13.6	15.4	23.0	45.0	79.8	132.0
-50°	9.7	9.7	10.2	11.6	12.4	13.6	15.2	21.3	33.5	66.5	109.3
-52.5°	9.7	9.7	10.1	11.5	12.4	13.6	15.2	19.2	27.9	52.2	85.9
-55°	9.7	9.7	10.0	11.3	12.4	13.5	15.1	17.1	24.9	37.0	68.5
-57.5°	9.7	9.7	9.8	11.1	12.4	13.4	14.9	16.8	21.6	30.4	50.1
-60°	9.7	9.7	9.7	10.9	12.3	13.3	14.7	16.5	18.7	26.1	35.3
-62.5°	9.7	9.7	9.7	10.7	12.1	13.2	14.5	16.0	18.0	21.4	29.8
-65°	9.7	9.7	9.7	10.6	11.8	13.0	14.2	15.5	17.1	19.5	23.9
-67.5°	9.7	9.7	9.7	10.3	11.5	12.7	13.8	15.0	16.2	18.2	20.8
-70°	9.7	9.7	9.7	10.1	11.2	12.4	13.5	14.4	15.4	16.7	18.9
-72.5°	9.7	9.7	9.7	10.1	10.9	12.0	13.0	13.8	14.6	15.6	16.9
-75°	9.7	9.7	9.7	10.0	10.6	11.6	12.6	13.2	13.7	14.5	15.5
-77.5°	9.7	9.7	9.7	10.0	10.5	11.2	12.1	12.6	13.0	13.4	14.0
-80°	9.7	9.7	9.7	9.9	10.3	10.9	11.6	12.0	12.3	12.6	13.0
-82.5°	9.7	9.7	9.7	9.9	10.2	10.6	11.2	11.5	11.6	11.9	12.1
-85°	9.7	9.7	9.7	9.8	10.0	10.3	10.7	11.0	11.3	11.5	11.6
-87.5°	9.7	9.7	9.7	9.8	9.9	10.0	10.2	10.6	11.0	11.3	11.6
-90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7



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 CATALOG NUMBER: EPH-08-640L-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	11.1	10.7	10.2	9.7	9.7	9.7	9.7	9.7	9.2	8.7	8.2
87.5°	9.2	8.7	8.2	7.7	7.7	7.7	7.7	7.7	7.2	6.8	6.3
85°	9.2	8.7	8.3	8.0	8.0	8.0	7.9	7.7	7.2	6.8	6.3
82.5°	9.4	9.2	9.1	9.1	9.0	8.7	8.2	7.7	7.3	6.8	6.3
80°	9.6	9.7	9.7	9.7	9.3	8.8	8.3	7.8	7.3	6.8	6.4
77.5°	9.7	9.7	9.7	9.7	9.3	8.8	8.3	7.8	7.4	6.9	6.4
75°	9.7	9.7	9.7	9.7	9.4	8.9	8.4	8.3	8.2	8.1	7.9
72.5°	9.7	9.7	9.7	9.7	9.5	9.3	9.3	9.5	9.9	10.0	9.9
70°	9.7	9.7	9.9	9.9	9.7	9.9	10.7	11.8	12.7	13.7	16.1
67.5°	9.8	10.2	10.3	10.2	10.5	11.4	12.6	17.8	24.1	27.0	28.6
65°	10.6	10.9	10.9	11.1	11.5	15.2	20.9	28.4	36.5	38.4	38.2
62.5°	11.5	11.3	11.4	12.5	15.6	20.7	28.5	37.1	46.2	44.4	38.4
60°	11.6	11.5	12.9	15.8	19.8	26.7	35.6	39.9	42.8	42.7	35.1
57.5°	11.6	12.6	15.3	19.3	25.2	31.0	33.0	35.5	37.5	38.7	30.4
55°	12.1	14.3	17.8	23.3	27.8	27.1	28.1	29.8	31.1	29.4	21.8
52.5°	13.4	15.9	20.6	25.4	26.4	24.3	22.9	24.0	23.0	19.9	16.5
50°	14.6	18.0	22.7	25.8	25.2	21.9	18.9	19.3	18.4	16.1	14.1
47.5°	15.9	19.7	24.3	26.3	23.6	21.4	18.9	18.2	17.3	18.0	16.9
45°	17.0	21.0	26.0	25.5	23.8	23.0	21.8	19.2	22.2	23.2	23.0
42.5°	17.9	22.0	25.9	25.1	26.4	27.1	26.7	27.7	29.5	32.2	33.3
40°	18.5	22.7	26.9	29.7	30.5	33.2	36.8	39.6	40.6	44.5	47.1
37.5°	18.7	24.8	30.9	38.3	37.3	42.8	48.8	59.3	62.4	58.7	66.0
35°	18.7	28.0	41.5	51.7	53.1	55.5	71.1	87.0	96.8	87.1	96.1
32.5°	20.7	32.4	54.9	69.4	79.8	82.4	97.9	130.5	147.3	149.6	150.6
30°	25.6	44.9	71.6	90.5	114.1	133.1	148.1	185.6	212.4	279.0	332.7
27.5°	31.8	60.0	91.6	122.2	157.5	192.7	228.2	257.8	344.6	469.7	609.2
25°	38.0	81.9	113.9	161.1	214.8	266.3	314.0	354.4	523.9	780.2	951.7
22.5°	49.9	107.7	145.9	204.5	278.0	345.7	404.6	511.5	748.5	1128.0	1312.4
20°	69.3	135.1	185.4	256.6	348.8	427.8	496.8	675.6	1021.4	1377.3	1606.0
17.5°	90.6	163.7	228.2	322.3	440.2	527.5	598.3	835.2	1286.1	1626.0	1859.1
15°	113.0	193.2	270.6	393.8	540.3	648.6	792.3	1083.4	1519.8	1870.3	2156.2
12.5°	136.1	223.0	312.1	469.2	646.7	770.9	1028.9	1451.1	1840.5	2146.1	2573.9
10°	159.1	252.7	352.2	546.4	756.8	893.3	1289.0	1814.4	2190.8	2505.1	2997.2
7.5°	204.0	294.4	395.3	623.1	867.7	1014.5	1561.7	2168.0	2518.8	2838.7	3357.2
5°	252.3	348.2	462.3	718.7	977.7	1123.8	1815.3	2505.0	2826.3	3148.5	3662.6
2.5°	299.2	399.9	527.1	811.5	1080.9	1212.6	1966.8	2692.2	3025.9	3389.1	3922.4
0°	342.8	449.3	588.7	896.6	1175.4	1295.5	2089.5	2850.5	3193.3	3590.3	4149.9
-2.5°	377.9	497.6	646.5	944.9	1208.2	1342.7	2114.7	2908.7	3279.8	3705.0	4259.1
-5°	407.3	542.4	699.8	984.8	1233.7	1384.2	2109.6	2929.4	3352.4	3792.0	4358.6
-7.5°	430.2	583.1	748.0	1013.7	1246.9	1404.0	2103.3	2957.0	3432.0	3851.3	4439.2
-10°	442.9	599.8	758.3	1009.7	1243.7	1408.4	2057.4	2940.4	3496.9	3894.3	4464.4
-12.5°	429.6	594.5	755.7	997.0	1234.9	1407.6	1957.4	2876.6	3548.8	3923.8	4416.7
-15°	414.0	585.8	745.3	975.4	1221.4	1401.7	1798.1	2763.4	3522.7	3816.4	4276.8
-17.5°	397.1	573.6	726.6	945.0	1203.7	1390.7	1564.7	2476.5	3256.5	3632.9	4125.3
-20°	379.5	558.1	698.9	905.7	1178.5	1337.2	1454.8	2113.8	2876.0	3406.6	3860.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	362.1	539.2	669.4	869.4	1087.4	1248.9	1373.7	1743.7	2482.0	3126.5	3465.1
-25°	352.9	511.7	644.7	802.7	990.5	1158.1	1279.6	1411.2	2070.2	2689.5	3115.6
-27.5°	348.6	486.8	608.1	736.1	898.5	1062.0	1177.9	1302.1	1664.2	2249.4	2760.3
-30°	340.6	452.8	569.9	676.1	820.4	961.9	1075.7	1203.7	1349.4	1822.1	2294.0
-32.5°	321.5	418.3	530.0	632.1	747.2	871.1	997.2	1122.4	1247.1	1419.1	1851.6
-35°	299.2	389.5	490.0	587.0	678.6	797.4	923.3	1046.6	1152.5	1262.4	1501.8
-37.5°	281.1	358.3	450.5	542.3	628.8	730.4	846.4	966.2	1074.3	1173.6	1310.0
-40°	261.3	325.0	413.2	500.1	581.4	668.8	772.3	880.3	991.8	1107.8	1214.5
-42.5°	239.5	301.0	374.6	458.4	534.7	615.1	697.9	797.8	907.6	1030.0	1140.7
-45°	214.7	275.4	335.9	412.9	486.3	560.2	637.7	716.9	824.6	934.5	1050.3
-47.5°	188.5	247.7	305.8	367.4	437.2	504.7	575.7	656.5	741.2	841.6	943.9
-50°	161.5	217.6	274.0	329.8	389.5	450.6	513.2	595.0	675.4	754.1	841.9
-52.5°	134.4	186.1	239.9	293.6	346.6	401.7	461.5	533.5	609.4	683.2	756.1
-55°	105.7	153.9	204.2	255.1	305.8	355.8	413.9	477.8	543.5	613.8	681.6
-57.5°	81.4	119.9	166.4	214.9	262.7	311.5	368.6	423.5	483.2	545.4	606.2
-60°	59.3	88.9	126.1	171.1	217.8	265.6	321.9	376.5	427.6	477.2	534.3
-62.5°	39.1	62.2	90.3	124.1	166.6	214.6	265.1	318.8	376.6	421.9	466.6
-65°	32.1	39.7	58.8	85.2	113.3	154.1	200.1	249.9	300.0	345.1	392.7
-67.5°	24.8	31.9	38.6	48.6	72.9	99.9	128.9	170.0	213.6	251.5	289.9
-70°	21.6	24.8	30.5	36.4	42.1	53.2	77.1	102.4	127.4	151.6	183.0
-72.5°	19.1	21.9	24.9	28.1	33.0	38.2	43.7	49.6	63.7	82.4	99.9
-75°	17.0	18.9	21.4	24.1	26.6	29.1	32.0	36.7	41.3	45.6	49.8
-77.5°	15.2	16.7	18.4	20.2	21.9	23.8	25.9	28.1	30.2	32.5	35.0
-80°	13.6	14.5	15.7	17.1	17.9	18.9	20.1	21.4	22.6	23.9	25.3
-82.5°	12.5	13.0	13.7	14.4	14.5	14.4	14.3	14.8	15.6	16.4	17.2
-85°	11.6	11.6	11.9	12.2	12.3	12.4	12.5	12.4	12.3	12.2	12.2
-87.5°	11.3	11.1	10.9	10.8	10.9	10.9	11.0	11.0	10.6	10.2	9.8
-90°	9.2	8.7	8.2	7.7	7.7	7.7	7.7	7.7	7.2	6.8	6.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.7	7.7	7.7	7.7	7.7	8.2	8.7	9.2	9.7	11.2	12.6
87.5°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.9	1.9
85°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.9	1.9
82.5°	5.8	5.6	5.4	5.3	5.3	4.9	4.5	4.1	3.7	3.3	2.9
80°	5.9	5.8	5.8	5.8	5.8	5.4	4.9	4.4	3.9	3.4	2.9
77.5°	6.1	6.1	6.1	6.0	5.9	5.4	4.9	4.5	4.0	3.5	2.9
75°	7.7	7.5	7.1	6.6	6.0	5.5	5.0	4.5	4.0	3.8	3.8
72.5°	9.5	9.0	8.6	9.1	9.0	8.8	8.5	7.9	7.1	7.0	7.3
70°	17.7	18.5	18.7	17.8	15.9	14.2	12.9	11.4	9.8	9.3	9.4
67.5°	28.2	26.9	25.2	23.0	19.7	16.8	15.0	13.3	11.7	11.2	11.3
65°	35.1	29.1	25.0	21.7	19.1	16.8	14.9	13.1	11.2	10.2	10.0
62.5°	32.1	25.2	20.8	18.2	16.4	14.9	12.6	10.7	9.1	8.4	8.7
60°	27.6	20.2	15.6	13.6	11.6	9.8	8.9	8.3	7.9	7.7	7.8
57.5°	21.9	15.3	11.5	10.7	9.7	8.3	7.9	8.1	8.0	7.7	7.7
55°	16.1	13.1	11.6	11.1	10.6	10.0	9.6	9.4	9.2	9.0	9.2
52.5°	13.1	13.1	13.3	13.1	12.6	12.0	11.5	11.5	11.7	12.0	12.6
50°	14.5	14.9	15.2	15.0	14.6	14.1	13.5	14.1	14.9	15.7	16.3
47.5°	16.8	17.4	18.5	17.2	17.3	18.5	17.7	18.0	20.8	22.7	23.8
45°	21.4	24.7	25.5	26.3	26.6	28.6	29.5	30.1	35.7	38.0	38.2
42.5°	34.0	37.2	39.8	42.3	41.9	48.2	56.7	61.4	61.2	60.2	61.3
40°	51.4	54.9	62.7	68.7	77.9	86.1	86.7	78.7	79.6	88.9	89.6
37.5°	77.2	88.0	103.6	120.9	125.6	120.2	123.4	129.2	135.3	143.8	153.7
35°	122.9	159.0	166.2	179.5	188.3	179.6	183.0	198.4	198.5	226.0	241.0
32.5°	218.2	273.5	290.5	278.5	301.7	315.8	272.6	326.9	337.3	365.4	399.9
30°	355.8	471.0	506.6	489.9	552.8	572.7	534.6	643.8	708.0	706.7	868.6
27.5°	676.1	733.6	800.4	902.5	915.7	949.7	1165.0	1331.6	1543.0	1742.9	2002.3
25°	1034.4	1067.0	1258.5	1384.7	1447.0	1674.7	1993.7	2253.9	2702.5	3121.3	3992.8
22.5°	1364.4	1486.3	1720.0	1922.0	2148.9	2515.4	2955.4	3438.4	4630.4	6096.9	7936.9
20°	1688.2	1848.7	2127.9	2491.1	2853.4	3351.9	3936.9	5467.0	7810.8	11363.1	15202.3
17.5°	2053.8	2208.2	2588.6	3101.7	3652.9	4400.0	6194.6	9118.0	14095.4	21044.7	27748.9
15°	2528.4	2794.0	3215.0	3972.9	5028.0	6788.8	9714.1	16925.1	26862.4	37669.4	49255.6
12.5°	3083.6	3521.4	4206.8	5186.3	6705.4	10865.3	18217.2	29796.3	44646.1	59824.2	78866.9
10°	3621.1	4353.4	5402.3	6945.7	9967.8	16524.0	27477.0	44188.4	66941.3	90408.9	111439.5
7.5°	4093.1	5062.2	6473.5	8636.7	13434.4	22909.8	38666.7	61953.3	90313.4	119313.2	147593.0
5°	4575.3	5727.5	7372.3	9903.1	15548.4	27532.3	47757.4	78216.7	112481.1	147605.3	184515.6
2.5°	4971.0	6286.1	8122.5	10952.9	16797.7	30016.4	53394.7	89544.0	129133.7	169345.7	215274.2
0°	5209.2	6632.5	8493.4	10985.7	17778.9	31973.4	54787.2	93553.8	136164.3	180376.3	228445.8
-2.5°	5216.5	6560.3	8312.7	10881.5	17568.9	31438.4	54884.4	93453.8	135786.2	178366.4	225803.3
-5°	5200.3	6395.9	8041.6	10507.8	16312.1	28647.5	50673.8	87399.0	129094.7	169391.5	212598.3
-7.5°	5175.4	6178.5	7656.4	9910.1	14703.6	25278.8	45824.2	79443.2	118783.0	156317.6	194994.9
-10°	5146.7	5953.4	7302.0	9397.3	13246.5	21271.9	36862.4	67479.4	103567.6	138203.7	169920.3
-12.5°	5122.0	5861.0	7016.5	8690.9	11475.2	17825.1	31121.4	55145.7	84370.1	113616.5	141712.3
-15°	5027.5	5738.6	6783.5	8166.3	10423.6	14864.5	23232.5	39838.8	63836.0	86939.0	109241.9
-17.5°	4833.9	5564.4	6221.8	7298.3	8926.5	11822.4	17305.0	27311.5	42719.7	60779.1	76513.5
-20°	4454.7	4955.4	5500.7	6415.0	7668.2	9192.7	11693.1	17394.9	24721.0	36500.9	44750.7



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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°	3891.6	4312.7	4771.6	5380.7	6261.9	7337.9	8672.0	10779.9	14602.8	19143.1	24161.1
-25°	3378.0	3680.6	4105.8	4629.1	5100.8	5802.7	6737.7	7555.4	9206.7	10542.4	13302.3
-27.5°	2988.6	3240.2	3625.3	4031.2	4379.4	4755.5	5406.0	5984.1	6787.5	7488.9	8610.9
-30°	2707.1	2964.9	3274.5	3582.1	3912.8	4231.6	4522.8	4961.1	5442.9	5900.5	6494.0
-32.5°	2359.6	2766.3	2990.4	3250.6	3544.8	3823.7	4045.7	4322.9	4588.1	4891.2	5216.7
-35°	1996.6	2441.0	2785.0	2984.8	3203.3	3469.7	3697.2	3886.8	4062.5	4250.7	4422.7
-37.5°	1569.0	2060.1	2451.9	2747.8	2947.2	3133.2	3377.2	3559.5	3675.7	3831.7	3949.3
-40°	1348.5	1545.1	1990.5	2392.6	2649.7	2942.6	3169.6	3362.6	3575.4	3741.5	3837.4
-42.5°	1241.0	1355.0	1473.5	1802.0	2204.4	2556.0	2848.8	3166.1	3450.8	3677.2	3887.9
-45°	1157.9	1238.9	1323.3	1432.3	1544.9	1874.0	2235.0	2606.1	2938.4	3248.9	3515.4
-47.5°	1047.1	1141.9	1219.0	1287.9	1357.1	1458.1	1566.2	1716.7	2036.1	2359.9	2668.7
-50°	933.0	1020.2	1105.3	1185.2	1250.1	1301.0	1341.8	1408.2	1504.5	1600.3	1694.4
-52.5°	825.5	906.4	983.5	1061.0	1136.9	1204.2	1263.9	1310.8	1349.4	1382.4	1404.7
-55°	748.6	812.3	872.3	946.2	1019.1	1086.8	1149.6	1207.2	1259.8	1307.6	1340.5
-57.5°	668.7	731.2	793.3	855.4	915.7	973.9	1032.5	1089.4	1143.0	1191.7	1224.3
-60°	589.5	642.9	704.6	768.7	828.8	884.9	939.3	990.5	1038.1	1079.0	1105.4
-62.5°	514.8	565.2	618.5	676.2	737.0	796.3	850.8	902.6	951.6	991.3	1016.9
-65°	439.3	481.7	527.2	574.9	624.2	674.7	726.6	779.5	832.8	875.5	903.6
-67.5°	330.0	372.5	417.2	463.8	505.7	544.3	581.7	620.3	659.3	691.7	717.1
-70°	214.6	246.3	277.5	309.3	344.2	379.6	413.4	445.2	474.6	498.1	517.1
-72.5°	116.0	131.4	148.6	172.9	196.2	219.7	242.9	264.9	285.3	300.7	312.7
-75°	53.8	60.8	73.9	86.0	97.1	108.5	119.5	129.7	138.9	145.5	150.4
-77.5°	38.2	41.3	44.4	47.6	50.7	55.0	59.6	64.1	68.5	72.8	76.9
-80°	26.8	28.6	30.4	32.0	33.5	36.0	38.6	41.3	43.9	46.6	49.2
-82.5°	18.0	19.1	20.3	21.4	22.4	23.9	25.3	26.7	28.0	30.1	32.3
-85°	12.2	12.7	13.2	13.8	14.4	15.6	16.7	17.9	19.0	20.5	22.1
-87.5°	9.3	9.4	9.4	9.5	9.5	10.5	11.5	12.5	13.5	15.0	16.4
-90°	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.4	1.0



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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°	14.1	15.5	16.5	17.4	16.5	15.5	14.1	12.6	11.2	9.7	9.2
87.5°	1.9	1.9	0.9	0.0	0.9	1.9	1.9	1.9	1.9	1.9	2.4
85°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	2.4
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.3	3.7	4.1
80°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.4	3.9	4.4
77.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.5	4.0	4.5
75°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	4.0	4.5
72.5°	7.5	7.6	7.7	7.7	7.7	7.6	7.5	7.3	7.0	7.1	7.9
70°	9.6	9.6	9.7	9.7	9.7	9.6	9.6	9.4	9.3	9.8	11.4
67.5°	11.4	11.5	11.6	11.6	11.6	11.5	11.4	11.3	11.2	11.7	13.3
65°	9.9	9.8	9.7	9.7	9.7	9.8	9.9	10.0	10.2	11.2	13.1
62.5°	9.1	9.6	9.7	9.7	9.7	9.6	9.1	8.7	8.4	9.1	10.7
60°	7.8	7.8	7.7	7.7	7.7	7.8	7.8	7.8	7.7	7.9	8.3
57.5°	7.7	7.7	8.5	9.7	8.5	7.7	7.7	7.7	7.7	8.0	8.1
55°	9.4	9.6	10.4	11.6	10.4	9.6	9.4	9.2	9.0	9.2	9.4
52.5°	13.0	13.3	13.5	13.6	13.5	13.3	13.0	12.6	12.0	11.7	11.5
50°	16.8	17.1	17.3	17.4	17.3	17.1	16.8	16.3	15.7	14.9	14.1
47.5°	24.6	24.9	25.0	25.2	25.0	24.9	24.6	23.8	22.7	20.8	18.0
45°	39.6	40.1	40.4	40.7	40.4	40.1	39.6	38.2	38.0	35.7	30.1
42.5°	63.7	64.8	64.7	63.9	64.7	64.8	63.7	61.3	60.2	61.2	61.4
40°	90.9	90.9	89.9	89.1	89.9	90.9	90.9	89.6	88.9	79.6	78.7
37.5°	158.2	152.5	142.3	137.5	142.3	152.5	158.2	153.7	143.8	135.3	129.2
35°	244.9	248.6	249.6	247.9	249.6	248.6	244.9	241.0	226.0	198.5	198.4
32.5°	409.5	429.1	435.5	447.3	435.5	429.1	409.5	399.9	365.4	337.3	326.9
30°	843.1	837.2	763.8	732.0	763.8	837.2	843.1	868.6	706.7	708.0	643.8
27.5°	2271.3	2532.8	2657.5	2647.2	2657.5	2532.8	2271.3	2002.3	1742.9	1543.0	1331.6
25°	4677.7	5097.9	5376.6	5193.7	5376.6	5097.9	4677.7	3992.8	3121.3	2702.5	2253.9
22.5°	9650.7	10566.8	11066.0	11245.2	11066.0	10566.8	9650.7	7936.9	6096.9	4630.4	3438.4
20°	19339.9	21069.7	22333.0	21278.2	22333.0	21069.7	19339.9	15202.3	11363.1	7810.8	5467.0
17.5°	35904.5	41285.3	46045.4	47533.1	46045.4	41285.3	35904.5	27748.9	21044.7	14095.4	9118.0
15°	60425.6	69512.8	74914.2	74599.4	74914.2	69512.8	60425.6	49255.6	37669.4	26862.4	16925.1
12.5°	92971.7	104185.8	111668.2	110004.3	111668.2	104185.8	92971.7	78866.9	59824.2	44646.1	29796.3
10°	132078.3	149064.0	161405.5	160837.1	161405.5	149064.0	132078.3	111439.5	90408.9	66941.3	44188.4
7.5°	172623.1	200507.6	224710.1	228782.8	224710.1	200507.6	172623.1	147593.0	119313.2	90313.4	61953.3
5°	224909.1	261661.8	285697.2	287071.1	285697.2	261661.8	224909.1	184515.6	147605.3	112481.1	78216.7
2.5°	267321.7	309483.3	329767.2	342056.8	329767.2	309483.3	267321.7	215274.2	169345.7	129133.7	89544.0
0°	287192.1	321467.0	358551.8	376122.5	358551.8	321467.0	287192.1	228445.8	180376.3	136164.3	93553.8
-2.5°	279040.1	315768.2	338019.3	356641.5	338019.3	315768.2	279040.1	225803.3	178366.4	135786.2	93453.8
-5°	260552.0	296943.5	315610.4	317352.0	315610.4	296943.5	260552.0	212598.3	169391.5	129094.7	87399.0
-7.5°	230369.6	261227.7	280826.1	286924.0	280826.1	261227.7	230369.6	194994.9	156317.6	118783.0	79443.2
-10°	198293.6	220485.6	233151.5	235579.8	233151.5	220485.6	198293.6	169920.3	138203.7	103567.6	67479.4
-12.5°	164945.7	183114.2	191853.9	193763.3	191853.9	183114.2	164945.7	141712.3	113616.5	84370.1	55145.7
-15°	128004.6	141676.0	149545.2	150914.5	149545.2	141676.0	128004.6	109241.9	86939.0	63836.0	39838.8
-17.5°	91367.3	102476.3	110447.8	111507.0	110447.8	102476.3	91367.3	76513.5	60779.1	42719.7	27311.5
-20°	56126.6	63685.4	68348.7	67664.8	68348.7	63685.4	56126.6	44750.7	36500.9	24721.0	17394.9



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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°	30217.8	34292.2	36263.0	37281.3	36263.0	34292.2	30217.8	24161.1	19143.1	14602.8	10779.9
-25°	15973.0	17698.6	18584.0	19277.8	18584.0	17698.6	15973.0	13302.3	10542.4	9206.7	7555.4
-27.5°	9504.1	10097.5	10427.0	10608.1	10427.0	10097.5	9504.1	8610.9	7488.9	6787.5	5984.1
-30°	6967.5	7251.8	7402.0	7476.8	7402.0	7251.8	6967.5	6494.0	5900.5	5442.9	4961.1
-32.5°	5478.0	5646.7	5750.5	5788.2	5750.5	5646.7	5478.0	5216.7	4891.2	4588.1	4322.9
-35°	4544.2	4600.6	4620.9	4657.3	4620.9	4600.6	4544.2	4422.7	4250.7	4062.5	3886.8
-37.5°	4038.9	4091.4	4117.1	4138.3	4117.1	4091.4	4038.9	3949.3	3831.7	3675.7	3559.5
-40°	3881.6	3937.3	3994.4	4035.6	3994.4	3937.3	3881.6	3837.4	3741.5	3575.4	3362.6
-42.5°	3979.9	4070.9	4133.5	4142.2	4133.5	4070.9	3979.9	3887.9	3677.2	3450.8	3166.1
-45°	3666.8	3770.5	3827.1	3845.9	3827.1	3770.5	3666.8	3515.4	3248.9	2938.4	2606.1
-47.5°	2942.4	3179.5	3321.0	3352.1	3321.0	3179.5	2942.4	2668.7	2359.9	2036.1	1716.7
-50°	1785.8	1870.2	1916.7	1922.9	1916.7	1870.2	1785.8	1694.4	1600.3	1504.5	1408.2
-52.5°	1422.4	1437.5	1446.9	1452.4	1446.9	1437.5	1422.4	1404.7	1382.4	1349.4	1310.8
-55°	1369.4	1394.8	1409.0	1415.6	1409.0	1394.8	1369.4	1340.5	1307.6	1259.8	1207.2
-57.5°	1253.5	1279.1	1290.6	1293.6	1290.6	1279.1	1253.5	1224.3	1191.7	1143.0	1089.4
-60°	1129.5	1151.3	1158.1	1158.0	1158.1	1151.3	1129.5	1105.4	1079.0	1038.1	990.5
-62.5°	1041.2	1063.9	1074.9	1080.6	1074.9	1063.9	1041.2	1016.9	991.3	951.6	902.6
-65°	928.0	948.8	957.5	960.5	957.5	948.8	928.0	903.6	875.5	832.8	779.5
-67.5°	739.9	759.5	765.1	764.9	765.1	759.5	739.9	717.1	691.7	659.3	620.3
-70°	533.3	546.3	548.5	546.1	548.5	546.3	533.3	517.1	498.1	474.6	445.2
-72.5°	322.5	330.0	332.9	333.1	332.9	330.0	322.5	312.7	300.7	285.3	264.9
-75°	154.3	157.0	159.3	160.7	159.3	157.0	154.3	150.4	145.5	138.9	129.7
-77.5°	80.8	84.5	86.0	87.1	86.0	84.5	80.8	76.9	72.8	68.5	64.1
-80°	51.6	53.9	54.1	54.2	54.1	53.9	51.6	49.2	46.6	43.9	41.3
-82.5°	34.5	36.6	36.8	36.8	36.8	36.6	34.5	32.3	30.1	28.0	26.7
-85°	23.6	25.1	26.1	27.1	26.1	25.1	23.6	22.1	20.5	19.0	17.9
-87.5°	17.9	19.4	19.4	19.4	19.4	19.4	17.9	16.4	15.0	13.5	12.5
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.7	8.2	7.7	7.7	7.7	7.7	7.7	8.2	8.7	9.2	9.7
87.5°	2.9	3.4	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.2	7.7
85°	2.9	3.4	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.2	7.7
82.5°	4.5	4.9	5.3	5.3	5.4	5.6	5.8	6.3	6.8	7.3	7.7
80°	4.9	5.4	5.8	5.8	5.8	5.8	5.9	6.4	6.8	7.3	7.8
77.5°	4.9	5.4	5.9	6.0	6.1	6.1	6.1	6.4	6.9	7.4	7.8
75°	5.0	5.5	6.0	6.6	7.1	7.5	7.7	7.9	8.1	8.2	8.3
72.5°	8.5	8.8	9.0	9.1	8.6	9.0	9.5	9.9	10.0	9.9	9.5
70°	12.9	14.2	15.9	17.8	18.7	18.5	17.7	16.1	13.7	12.7	11.8
67.5°	15.0	16.8	19.7	23.0	25.2	26.9	28.2	28.6	27.0	24.1	17.8
65°	14.9	16.8	19.1	21.7	25.0	29.1	35.1	38.2	38.4	36.5	28.4
62.5°	12.6	14.9	16.4	18.2	20.8	25.2	32.1	38.4	44.4	46.2	37.1
60°	8.9	9.8	11.6	13.6	15.6	20.2	27.6	35.1	42.7	42.8	39.9
57.5°	7.9	8.3	9.7	10.7	11.5	15.3	21.9	30.4	38.7	37.5	35.5
55°	9.6	10.0	10.6	11.1	11.6	13.1	16.1	21.8	29.4	31.1	29.8
52.5°	11.5	12.0	12.6	13.1	13.3	13.1	13.1	16.5	19.9	23.0	24.0
50°	13.5	14.1	14.6	15.0	15.2	14.9	14.5	14.1	16.1	18.4	19.3
47.5°	17.7	18.5	17.3	17.2	18.5	17.4	16.8	16.9	18.0	17.3	18.2
45°	29.5	28.6	26.6	26.3	25.5	24.7	21.4	23.0	23.2	22.2	19.2
42.5°	56.7	48.2	41.9	42.3	39.8	37.2	34.0	33.3	32.2	29.5	27.7
40°	86.7	86.1	77.9	68.7	62.7	54.9	51.4	47.1	44.5	40.6	39.6
37.5°	123.4	120.2	125.6	120.9	103.6	88.0	77.2	66.0	58.7	62.4	59.3
35°	183.0	179.6	188.3	179.5	166.2	159.0	122.9	96.1	87.1	96.8	87.0
32.5°	272.6	315.8	301.7	278.5	290.5	273.5	218.2	150.6	149.6	147.3	130.5
30°	534.6	572.7	552.8	489.9	506.6	471.0	355.8	332.7	279.0	212.4	185.6
27.5°	1165.0	949.7	915.7	902.5	800.4	733.6	676.1	609.2	469.7	344.6	257.8
25°	1993.7	1674.7	1447.0	1384.7	1258.5	1067.0	1034.4	951.7	780.2	523.9	354.4
22.5°	2955.4	2515.4	2148.9	1922.0	1720.0	1486.3	1364.4	1312.4	1128.0	748.5	511.5
20°	3936.9	3351.9	2853.4	2491.1	2127.9	1848.7	1688.2	1606.0	1377.3	1021.4	675.6
17.5°	6194.6	4400.0	3652.9	3101.7	2588.6	2208.2	2053.8	1859.1	1626.0	1286.1	835.2
15°	9714.1	6788.8	5028.0	3972.9	3215.0	2794.0	2528.4	2156.2	1870.3	1519.8	1083.4
12.5°	18217.2	10865.3	6705.4	5186.3	4206.8	3521.4	3083.6	2573.9	2146.1	1840.5	1451.1
10°	27477.0	16524.0	9967.8	6945.7	5402.3	4353.4	3621.1	2997.2	2505.1	2190.8	1814.4
7.5°	38666.7	22909.8	13434.4	8636.7	6473.5	5062.2	4093.1	3357.2	2838.7	2518.8	2168.0
5°	47757.4	27532.3	15548.4	9903.1	7372.3	5727.5	4575.3	3662.6	3148.5	2826.3	2505.0
2.5°	53394.7	30016.4	16797.7	10952.9	8122.5	6286.1	4971.0	3922.4	3389.1	3025.9	2692.2
0°	54787.2	31973.4	17778.9	10985.7	8493.4	6632.5	5209.2	4149.9	3590.3	3193.3	2850.5
-2.5°	54884.4	31438.4	17568.9	10881.5	8312.7	6560.3	5216.5	4259.1	3705.0	3279.8	2908.7
-5°	50673.8	28647.5	16312.1	10507.8	8041.6	6395.9	5200.3	4358.6	3792.0	3352.4	2929.4
-7.5°	45824.2	25278.8	14703.6	9910.1	7656.4	6178.5	5175.4	4439.2	3851.3	3432.0	2957.0
-10°	36862.4	21271.9	13246.5	9397.3	7302.0	5953.4	5146.7	4464.4	3894.3	3496.9	2940.4
-12.5°	31121.4	17825.1	11475.2	8690.9	7016.5	5861.0	5122.0	4416.7	3923.8	3548.8	2876.6
-15°	23232.5	14864.5	10423.6	8166.3	6783.5	5738.6	5027.5	4276.8	3816.4	3522.7	2763.4
-17.5°	17305.0	11822.4	8926.5	7298.3	6221.8	5564.4	4833.9	4125.3	3632.9	3256.5	2476.5
-20°	11693.1	9192.7	7668.2	6415.0	5500.7	4955.4	4454.7	3860.4	3406.6	2876.0	2113.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8672.0	7337.9	6261.9	5380.7	4771.6	4312.7	3891.6	3465.1	3126.5	2482.0	1743.7
-25°	6737.7	5802.7	5100.8	4629.1	4105.8	3680.6	3378.0	3115.6	2689.5	2070.2	1411.2
-27.5°	5406.0	4755.5	4379.4	4031.2	3625.3	3240.2	2988.6	2760.3	2249.4	1664.2	1302.1
-30°	4522.8	4231.6	3912.8	3582.1	3274.5	2964.9	2707.1	2294.0	1822.1	1349.4	1203.7
-32.5°	4045.7	3823.7	3544.8	3250.6	2990.4	2766.3	2359.6	1851.6	1419.1	1247.1	1122.4
-35°	3697.2	3469.7	3203.3	2984.8	2785.0	2441.0	1996.6	1501.8	1262.4	1152.5	1046.6
-37.5°	3377.2	3133.2	2947.2	2747.8	2451.9	2060.1	1569.0	1310.0	1173.6	1074.3	966.2
-40°	3169.6	2942.6	2649.7	2392.6	1990.5	1545.1	1348.5	1214.5	1107.8	991.8	880.3
-42.5°	2848.8	2556.0	2204.4	1802.0	1473.5	1355.0	1241.0	1140.7	1030.0	907.6	797.8
-45°	2235.0	1874.0	1544.9	1432.3	1323.3	1238.9	1157.9	1050.3	934.5	824.6	716.9
-47.5°	1566.2	1458.1	1357.1	1287.9	1219.0	1141.9	1047.1	943.9	841.6	741.2	656.5
-50°	1341.8	1301.0	1250.1	1185.2	1105.3	1020.2	933.0	841.9	754.1	675.4	595.0
-52.5°	1263.9	1204.2	1136.9	1061.0	983.5	906.4	825.5	756.1	683.2	609.4	533.5
-55°	1149.6	1086.8	1019.1	946.2	872.3	812.3	748.6	681.6	613.8	543.5	477.8
-57.5°	1032.5	973.9	915.7	855.4	793.3	731.2	668.7	606.2	545.4	483.2	423.5
-60°	939.3	884.9	828.8	768.7	704.6	642.9	589.5	534.3	477.2	427.6	376.5
-62.5°	850.8	796.3	737.0	676.2	618.5	565.2	514.8	466.6	421.9	376.6	318.8
-65°	726.6	674.7	624.2	574.9	527.2	481.7	439.3	392.7	345.1	300.0	249.9
-67.5°	581.7	544.3	505.7	463.8	417.2	372.5	330.0	289.9	251.5	213.6	170.0
-70°	413.4	379.6	344.2	309.3	277.5	246.3	214.6	183.0	151.6	127.4	102.4
-72.5°	242.9	219.7	196.2	172.9	148.6	131.4	116.0	99.9	82.4	63.7	49.6
-75°	119.5	108.5	97.1	86.0	73.9	60.8	53.8	49.8	45.6	41.3	36.7
-77.5°	59.6	55.0	50.7	47.6	44.4	41.3	38.2	35.0	32.5	30.2	28.1
-80°	38.6	36.0	33.5	32.0	30.4	28.6	26.8	25.3	23.9	22.6	21.4
-82.5°	25.3	23.9	22.4	21.4	20.3	19.1	18.0	17.2	16.4	15.6	14.8
-85°	16.7	15.6	14.4	13.8	13.2	12.7	12.2	12.2	12.2	12.3	12.4
-87.5°	11.5	10.5	9.5	9.5	9.4	9.4	9.3	9.8	10.2	10.6	11.0
-90°	2.9	3.4	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.2	7.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.7	9.7	9.7	9.7	10.2	10.7	11.1	11.6	11.1	10.7	10.2
87.5°	7.7	7.7	7.7	7.7	8.2	8.7	9.2	9.7	9.7	9.7	9.7
85°	7.9	8.0	8.0	8.0	8.3	8.7	9.2	9.7	9.7	9.7	9.7
82.5°	8.2	8.7	9.0	9.1	9.1	9.2	9.4	9.7	9.8	9.7	9.7
80°	8.3	8.8	9.3	9.7	9.7	9.7	9.6	9.7	10.0	10.1	10.0
77.5°	8.3	8.8	9.3	9.7	9.7	9.7	9.7	9.8	10.2	10.4	10.4
75°	8.4	8.9	9.4	9.7	9.7	9.7	9.7	9.8	10.3	10.8	10.9
72.5°	9.3	9.3	9.5	9.7	9.7	9.7	9.7	9.9	10.4	10.8	11.3
70°	10.7	9.9	9.7	9.9	9.9	9.7	9.7	10.0	10.4	10.9	11.3
67.5°	12.6	11.4	10.5	10.2	10.3	10.2	9.8	10.0	10.5	10.9	11.4
65°	20.9	15.2	11.5	11.1	10.9	10.9	10.6	10.3	10.5	11.0	11.4
62.5°	28.5	20.7	15.6	12.5	11.4	11.3	11.5	10.9	10.7	11.1	11.5
60°	35.6	26.7	19.8	15.8	12.9	11.5	11.6	11.4	11.1	11.1	11.5
57.5°	33.0	31.0	25.2	19.3	15.3	12.6	11.6	11.6	11.4	11.3	11.6
55°	28.1	27.1	27.8	23.3	17.8	14.3	12.1	11.6	11.6	11.5	11.6
52.5°	22.9	24.3	26.4	25.4	20.6	15.9	13.4	11.6	11.6	11.6	11.6
50°	18.9	21.9	25.2	25.8	22.7	18.0	14.6	12.5	11.6	11.6	11.7
47.5°	18.9	21.4	23.6	26.3	24.3	19.7	15.9	13.4	11.6	11.6	11.9
45°	21.8	23.0	23.8	25.5	26.0	21.0	17.0	14.1	12.2	11.7	12.0
42.5°	26.7	27.1	26.4	25.1	25.9	22.0	17.9	14.8	12.8	11.8	12.2
40°	36.8	33.2	30.5	29.7	26.9	22.7	18.5	15.3	13.3	12.1	12.3
37.5°	48.8	42.8	37.3	38.3	30.9	24.8	18.7	15.6	13.9	12.7	12.4
35°	71.1	55.5	53.1	51.7	41.5	28.0	18.7	15.7	14.7	13.2	12.5
32.5°	97.9	82.4	79.8	69.4	54.9	32.4	20.7	17.0	15.6	13.8	12.7
30°	148.1	133.1	114.1	90.5	71.6	44.9	25.6	18.8	16.6	14.3	12.9
27.5°	228.2	192.7	157.5	122.2	91.6	60.0	31.8	20.9	17.7	14.9	13.3
25°	314.0	266.3	214.8	161.1	113.9	81.9	38.0	23.5	19.2	15.8	13.7
22.5°	404.6	345.7	278.0	204.5	145.9	107.7	49.9	28.7	21.2	16.7	14.1
20°	496.8	427.8	348.8	256.6	185.4	135.1	69.3	33.7	23.2	17.6	14.4
17.5°	598.3	527.5	440.2	322.3	228.2	163.7	90.6	38.5	25.5	18.5	14.8
15°	792.3	648.6	540.3	393.8	270.6	193.2	113.0	43.1	27.8	19.5	15.2
12.5°	1028.9	770.9	646.7	469.2	312.1	223.0	136.1	47.4	30.1	21.1	15.6
10°	1289.0	893.3	756.8	546.4	352.2	252.7	159.1	55.0	34.8	23.4	16.0
7.5°	1561.7	1014.5	867.7	623.1	395.3	294.4	204.0	70.5	39.8	25.9	16.4
5°	1815.3	1123.8	977.7	718.7	462.3	348.2	252.3	86.6	44.8	28.3	16.7
2.5°	1966.8	1212.6	1080.9	811.5	527.1	399.9	299.2	102.7	49.6	30.7	17.1
0°	2089.5	1295.5	1175.4	896.6	588.7	449.3	342.8	118.1	54.2	32.9	17.4
-2.5°	2114.7	1342.7	1208.2	944.9	646.5	497.6	377.9	143.6	72.0	43.7	23.2
-5°	2109.6	1384.2	1233.7	984.8	699.8	542.4	407.3	167.3	89.1	54.0	28.7
-7.5°	2103.3	1404.0	1246.9	1013.7	748.0	583.1	430.2	188.9	105.1	63.6	33.9
-10°	2057.4	1408.4	1243.7	1009.7	758.3	599.8	442.9	208.0	119.7	72.3	38.5
-12.5°	1957.4	1407.6	1234.9	997.0	755.7	594.5	429.6	221.2	132.4	79.8	42.4
-15°	1798.1	1401.7	1221.4	975.4	745.3	585.8	414.0	230.5	142.7	86.6	45.5
-17.5°	1564.7	1390.7	1203.7	945.0	726.6	573.6	397.1	237.2	151.2	92.7	48.4
-20°	1454.8	1337.2	1178.5	905.7	698.9	558.1	379.5	241.0	158.1	97.1	50.8



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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°	1373.7	1248.9	1087.4	869.4	669.4	539.2	362.1	241.9	163.0	99.7	52.1
-25°	1279.6	1158.1	990.5	802.7	644.7	511.7	352.9	239.9	166.0	100.5	52.1
-27.5°	1177.9	1062.0	898.5	736.1	608.1	486.8	348.6	242.1	166.9	99.2	50.7
-30°	1075.7	961.9	820.4	676.1	569.9	452.8	340.6	242.0	165.1	97.2	47.9
-32.5°	997.2	871.1	747.2	632.1	530.0	418.3	321.5	239.2	160.6	93.8	45.9
-35°	923.3	797.4	678.6	587.0	490.0	389.5	299.2	233.7	153.2	88.4	43.4
-37.5°	846.4	730.4	628.8	542.3	450.5	358.3	281.1	216.3	142.9	80.9	39.7
-40°	772.3	668.8	581.4	500.1	413.2	325.0	261.3	196.5	131.8	71.3	34.9
-42.5°	697.9	615.1	534.7	458.4	374.6	301.0	239.5	175.3	116.1	63.0	29.0
-45°	637.7	560.2	486.3	412.9	335.9	275.4	214.7	153.2	98.5	54.8	24.4
-47.5°	575.7	504.7	437.2	367.4	305.8	247.7	188.5	132.0	79.8	45.0	23.0
-50°	513.2	450.6	389.5	329.8	274.0	217.6	161.5	109.3	66.5	33.5	21.3
-52.5°	461.5	401.7	346.6	293.6	239.9	186.1	134.4	85.9	52.2	27.9	19.2
-55°	413.9	355.8	305.8	255.1	204.2	153.9	105.7	68.5	37.0	24.9	17.1
-57.5°	368.6	311.5	262.7	214.9	166.4	119.9	81.4	50.1	30.4	21.6	16.8
-60°	321.9	265.6	217.8	171.1	126.1	88.9	59.3	35.3	26.1	18.7	16.5
-62.5°	265.1	214.6	166.6	124.1	90.3	62.2	39.1	29.8	21.4	18.0	16.0
-65°	200.1	154.1	113.3	85.2	58.8	39.7	32.1	23.9	19.5	17.1	15.5
-67.5°	128.9	99.9	72.9	48.6	38.6	31.9	24.8	20.8	18.2	16.2	15.0
-70°	77.1	53.2	42.1	36.4	30.5	24.8	21.6	18.9	16.7	15.4	14.4
-72.5°	43.7	38.2	33.0	28.1	24.9	21.9	19.1	16.9	15.6	14.6	13.8
-75°	32.0	29.1	26.6	24.1	21.4	18.9	17.0	15.5	14.5	13.7	13.2
-77.5°	25.9	23.8	21.9	20.2	18.4	16.7	15.2	14.0	13.4	13.0	12.6
-80°	20.1	18.9	17.9	17.1	15.7	14.5	13.6	13.0	12.6	12.3	12.0
-82.5°	14.3	14.4	14.5	14.4	13.7	13.0	12.5	12.1	11.9	11.6	11.5
-85°	12.5	12.4	12.3	12.2	11.9	11.6	11.6	11.6	11.5	11.3	11.0
-87.5°	11.0	10.9	10.9	10.8	10.9	11.1	11.3	11.6	11.3	11.0	10.6
-90°	7.7	7.7	7.7	7.7	8.2	8.7	9.2	9.7	9.7	9.7	9.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7
87.5°	9.7	9.8	9.9	9.9	9.9	9.7	9.7
85°	9.7	9.9	10.0	10.1	10.0	9.8	9.7
82.5°	9.7	10.0	10.2	10.3	10.2	9.8	9.7
80°	9.8	10.1	10.4	10.5	10.3	9.9	9.7
77.5°	10.3	10.3	10.6	10.6	10.5	9.9	9.7
75°	10.8	10.6	10.7	10.8	10.6	9.9	9.7
72.5°	11.2	10.9	10.9	11.0	10.8	10.0	9.7
70°	11.6	11.2	11.1	11.2	10.9	10.0	9.7
67.5°	11.6	11.5	11.2	11.3	11.0	10.0	9.7
65°	11.6	11.6	11.4	11.3	11.2	10.1	9.7
62.5°	11.6	11.6	11.5	11.4	11.3	10.1	9.7
60°	11.6	11.6	11.6	11.5	11.3	10.1	9.7
57.5°	11.6	11.6	11.6	11.5	11.3	10.1	9.7
55°	11.6	11.6	11.6	11.5	11.3	10.1	9.7
52.5°	11.6	11.6	11.6	11.6	11.3	10.2	9.7
50°	11.6	11.6	11.6	11.6	11.3	10.2	9.7
47.5°	11.6	11.6	11.6	11.6	11.3	10.2	9.7
45°	11.8	11.6	11.6	11.6	11.3	10.2	9.7
42.5°	12.0	11.6	11.6	11.6	11.3	10.2	9.7
40°	12.2	11.6	11.6	11.6	11.3	10.2	9.7
37.5°	12.4	11.6	11.6	11.6	11.3	10.2	9.7
35°	12.7	11.7	11.6	11.6	11.3	10.1	9.7
32.5°	13.0	11.9	11.6	11.6	11.3	10.1	9.7
30°	13.1	12.2	11.6	11.6	11.3	10.1	9.7
27.5°	13.2	12.4	11.6	11.6	11.4	10.1	9.7
25°	13.3	12.6	11.6	11.6	11.4	10.1	9.7
22.5°	13.4	12.8	11.6	11.6	11.4	10.0	9.7
20°	13.6	13.0	11.6	11.6	11.4	10.0	9.7
17.5°	13.7	13.1	11.6	11.6	11.5	10.0	9.7
15°	13.9	13.3	11.6	11.6	11.5	9.9	9.7
12.5°	14.1	13.4	11.6	11.6	11.5	9.9	9.7
10°	14.4	13.4	11.6	11.6	11.6	9.9	9.7
7.5°	14.7	13.5	11.6	11.6	11.6	9.8	9.7
5°	15.0	13.6	11.6	11.6	11.6	9.8	9.7
2.5°	15.2	13.6	11.6	11.6	11.6	9.7	9.7
0°	15.5	13.6	11.6	11.6	11.6	9.7	9.7
-2.5°	17.0	13.6	11.6	11.6	11.6	9.7	9.7
-5°	18.5	13.6	11.6	11.6	11.6	9.7	9.7
-7.5°	19.8	13.5	11.6	11.6	11.6	9.7	9.7
-10°	20.9	13.4	11.6	11.6	11.5	9.7	9.7
-12.5°	21.8	13.4	11.6	11.6	11.5	9.7	9.7
-15°	22.4	13.3	11.6	11.6	11.5	9.7	9.7
-17.5°	22.6	13.1	11.6	11.6	11.4	9.7	9.7
-20°	23.0	13.0	11.6	11.6	11.4	9.7	9.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.6	12.8	11.6	11.6	11.3	9.7	9.7
-25°	23.7	13.0	11.6	11.6	11.2	9.7	9.7
-27.5°	23.0	13.3	11.6	11.6	11.2	9.7	9.7
-30°	21.7	13.4	11.6	11.6	11.1	9.7	9.7
-32.5°	19.6	13.4	11.8	11.6	11.0	9.7	9.7
-35°	18.8	13.3	11.9	11.6	10.9	9.7	9.7
-37.5°	18.6	13.1	12.1	11.6	10.8	9.7	9.7
-40°	18.1	13.3	12.2	11.6	10.7	9.7	9.7
-42.5°	17.5	13.4	12.3	11.6	10.6	9.7	9.7
-45°	16.6	13.5	12.4	11.7	10.5	9.7	9.7
-47.5°	15.4	13.6	12.4	11.7	10.4	9.7	9.7
-50°	15.2	13.6	12.4	11.6	10.2	9.7	9.7
-52.5°	15.2	13.6	12.4	11.5	10.1	9.7	9.7
-55°	15.1	13.5	12.4	11.3	10.0	9.7	9.7
-57.5°	14.9	13.4	12.4	11.1	9.8	9.7	9.7
-60°	14.7	13.3	12.3	10.9	9.7	9.7	9.7
-62.5°	14.5	13.2	12.1	10.7	9.7	9.7	9.7
-65°	14.2	13.0	11.8	10.6	9.7	9.7	9.7
-67.5°	13.8	12.7	11.5	10.3	9.7	9.7	9.7
-70°	13.5	12.4	11.2	10.1	9.7	9.7	9.7
-72.5°	13.0	12.0	10.9	10.1	9.7	9.7	9.7
-75°	12.6	11.6	10.6	10.0	9.7	9.7	9.7
-77.5°	12.1	11.2	10.5	10.0	9.7	9.7	9.7
-80°	11.6	10.9	10.3	9.9	9.7	9.7	9.7
-82.5°	11.2	10.6	10.2	9.9	9.7	9.7	9.7
-85°	10.7	10.3	10.0	9.8	9.7	9.7	9.7
-87.5°	10.2	10.0	9.9	9.8	9.7	9.7	9.7
-90°	9.7	9.7	9.7	9.7	9.7	9.7	9.7

(END OF REPORT)