

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: P1305691 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

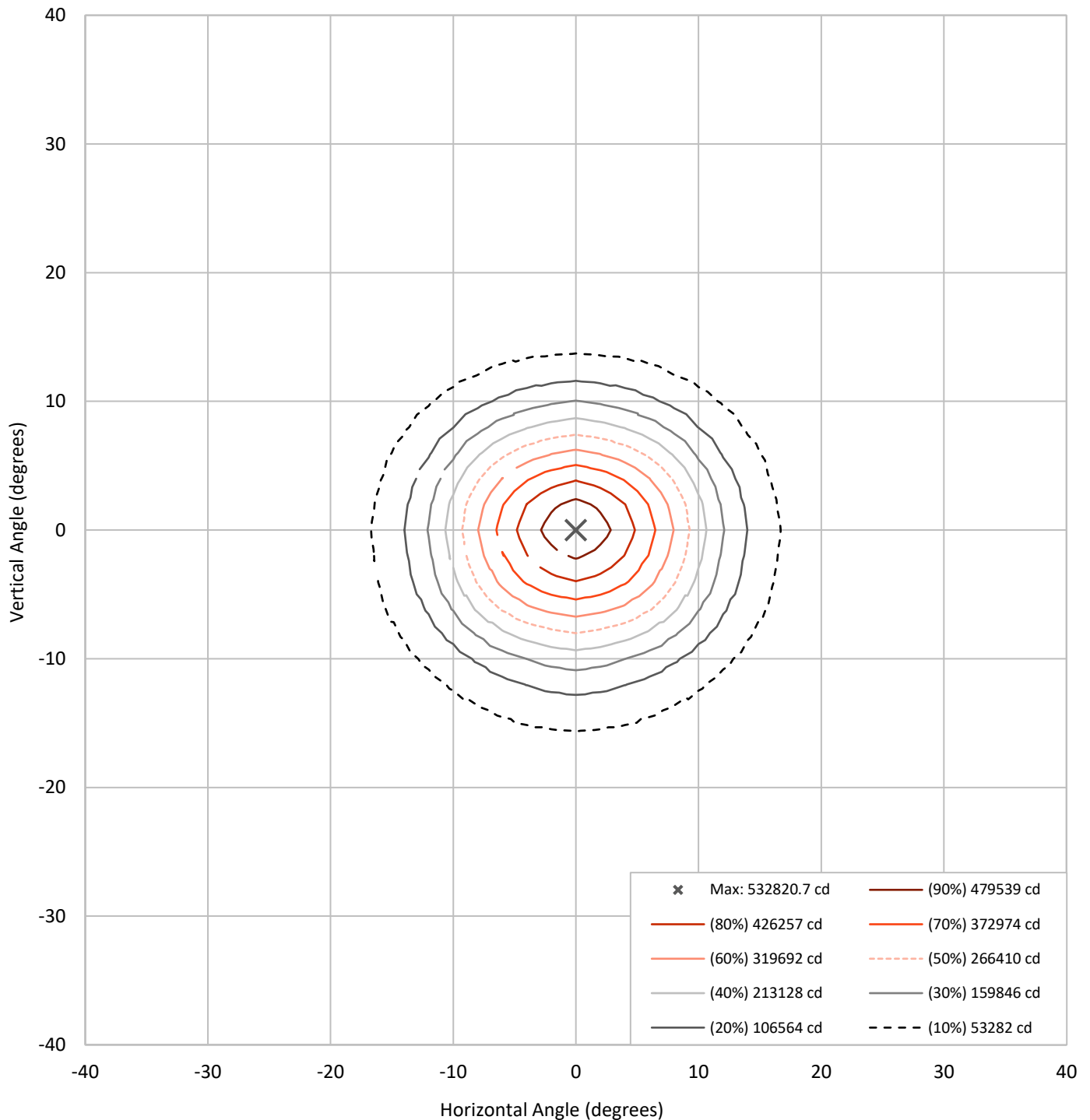
Test Method: LM-79-08
Report Number: P1305691 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	54779 lumens	Max Intensity:	532820.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	80.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	25263.4 lumens	Field Lumens:	46608.4 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	677		
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





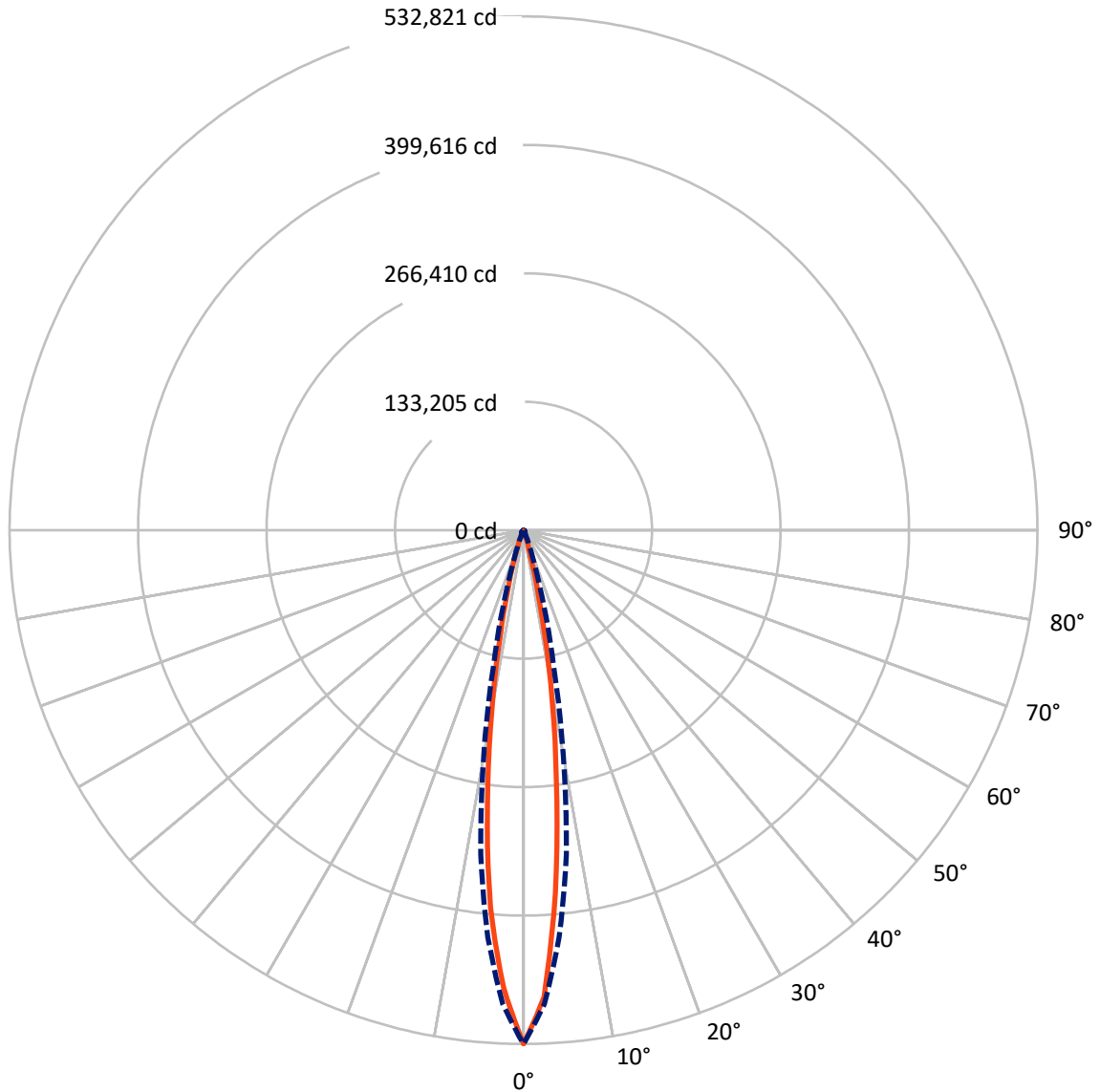
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Lumen Table

90	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
80	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
70	0.2	0.1	0.2	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.2	0.1	0.2
60		0.1	0.4	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.4	0.1	
50	0.3	0.2	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.2	0.3
40		0.3	0.6	0.8	1.5	2.0	2.1	2.4	2.4	2.1	2.0	1.5	0.8	0.6	0.3	
30	0.4	0.5	1.4	3.2	6.1	6.9	9.9	19.9	19.9	9.9	6.9	6.1	3.2	1.4	0.5	0.4
20		1.1	4.4	15.0	27.9	37.0	274.6	1143.8	1143.8	274.6	37.0	27.9	15.0	4.4	1.1	
10	0.4	1.8	8.8	37.6	60.9	138.5	2015.0	8731.3	8731.3	2015.0	138.5	60.9	37.6	8.8	1.8	0.4
0		2.2	10.3	43.3	71.4	141.9	2162.5	9126.2	9126.2	2162.5	141.9	71.4	43.3	10.3	2.2	
-10	0.5	2.3	9.0	32.7	58.9	64.9	461.2	1791.4	1791.4	461.2	64.9	58.9	32.7	9.0	2.3	0.5
-20		2.3	7.7	18.4	47.4	54.9	60.6	117.9	117.9	60.6	54.9	47.4	18.4	7.7	2.3	
-30	0.4	2.0	6.6	11.7	29.0	54.9	64.1	64.8	64.8	64.1	54.9	29.0	11.7	6.6	2.0	0.4
-40		1.4	4.9	10.0	15.7	27.7	46.7	61.4	61.4	46.7	27.7	15.7	10.0	4.9	1.4	
-50	0.3	0.7	2.8	6.6	11.8	16.2	19.2	21.3	21.3	19.2	16.2	11.8	6.6	2.8	0.7	0.3
-60		0.3	0.9	2.7	5.2	8.1	10.7	12.7	12.7	10.7	8.1	5.2	2.7	0.9	0.3	
-70	0.2	0.9		2.4		5.7		9.6		5.7		2.4		0.9		0.2
-80		0.9		2.4		5.7		9.6		5.7		2.4		0.9		
-90	0.2	0.9		2.4		5.7		9.6		5.7		2.4		0.9		0.2

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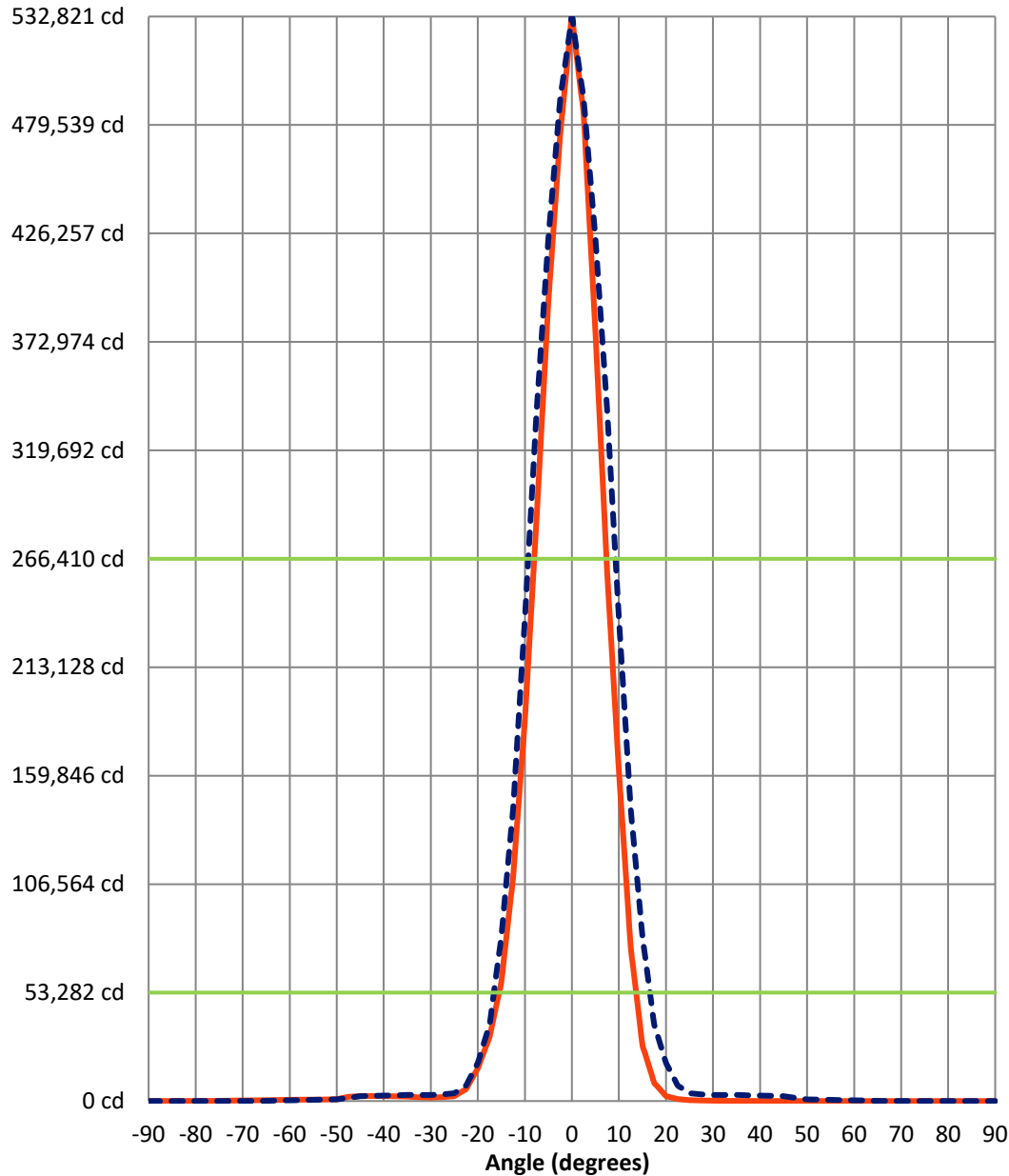
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 25263.4
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 46608.4
 Efficiency: 85.1%

Spill:
 Lumens: 8170.7
 Efficiency: 14.9%

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



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.8	6.8	6.8	7.1	7.5	7.8	8.1	8.1	8.1	8.1	8.1
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.8	6.8	7.0	6.9	6.8	6.8	6.9	6.9
72.5°	6.8	6.8	6.8	6.8	7.1	7.2	6.9	6.9	7.1	7.1	6.9
70°	6.8	6.8	6.8	6.9	7.3	7.4	7.1	7.2	7.3	7.3	7.4
67.5°	6.8	6.8	6.8	7.1	7.6	7.6	7.5	7.5	7.6	7.8	8.0
65°	6.8	6.8	6.8	7.4	7.9	7.9	7.8	7.9	8.1	8.3	8.4
62.5°	6.8	6.8	6.8	7.7	8.2	8.2	8.2	8.3	8.6	8.8	8.6
60°	6.8	6.8	6.8	7.9	8.5	8.5	8.6	8.7	9.1	9.1	8.9
57.5°	6.8	6.8	7.0	8.2	8.8	8.9	9.1	9.1	9.5	9.5	9.4
55°	6.8	6.8	7.2	8.5	9.0	9.2	9.5	9.7	9.8	9.9	10.1
52.5°	6.8	6.8	7.3	8.8	9.3	9.5	10.0	10.2	10.3	10.5	10.7
50°	6.8	6.8	7.5	9.1	9.5	10.0	10.6	10.9	10.8	11.1	12.4
47.5°	6.8	6.8	7.6	9.4	9.8	10.4	11.1	11.5	11.3	11.7	14.1
45°	6.8	6.8	7.7	9.6	10.0	10.9	11.8	12.3	12.1	13.0	15.6
42.5°	6.8	6.8	7.9	9.7	10.2	11.4	12.5	13.1	13.1	14.4	17.3
40°	6.8	6.8	8.0	9.8	10.6	11.9	13.2	14.0	14.3	15.6	18.7
37.5°	6.8	6.8	8.1	9.9	10.9	12.4	14.0	14.9	15.8	17.4	19.8
35°	6.8	6.8	8.1	9.9	11.3	13.0	14.7	15.9	17.3	19.4	20.6
32.5°	6.8	6.8	8.2	9.9	11.7	13.6	15.6	17.0	18.8	21.5	22.9
30°	6.8	6.8	8.3	9.9	12.1	14.2	16.4	18.1	20.3	23.7	25.4
27.5°	6.8	6.8	8.3	10.0	12.2	14.9	17.3	19.4	21.9	26.1	28.3
25°	6.8	6.8	8.3	10.0	12.2	15.5	18.2	20.6	23.9	28.6	31.5
22.5°	6.8	6.8	8.4	9.9	12.2	15.9	19.1	21.8	25.9	31.1	36.3
20°	6.8	6.8	8.4	9.9	12.2	15.9	20.0	22.9	27.9	33.8	41.5
17.5°	6.8	6.8	8.4	9.9	12.1	15.8	20.1	24.0	30.0	36.6	47.0
15°	6.8	6.8	8.3	9.9	12.0	15.6	19.8	24.5	32.0	39.5	52.7
12.5°	6.8	6.8	8.3	9.8	11.8	15.4	19.4	24.2	32.9	42.3	58.4
10°	6.8	6.8	8.3	9.8	11.7	15.1	18.9	23.8	32.9	43.6	63.9
7.5°	6.8	6.8	8.3	9.7	11.5	14.8	18.3	23.3	32.7	44.8	69.0
5°	6.8	6.8	8.2	9.7	11.3	14.4	17.7	22.9	32.4	45.8	73.9
2.5°	6.8	6.8	8.2	9.6	11.0	14.0	17.0	22.3	31.9	46.7	78.6
0°	6.8	6.8	8.1	9.5	10.8	13.6	16.3	21.7	31.2	47.4	82.7
-2.5°	6.8	6.8	8.1	9.5	10.9	13.7	17.0	24.0	36.8	56.8	95.6
-5°	6.8	6.9	8.1	9.5	11.0	13.8	17.7	26.2	42.0	65.7	107.5
-7.5°	6.8	6.9	8.1	9.5	11.1	13.9	18.2	28.1	46.8	73.9	118.4
-10°	6.8	6.9	8.1	9.4	11.2	14.0	18.7	29.8	51.0	81.2	128.0
-12.5°	6.8	6.9	8.1	9.4	11.2	14.0	19.1	31.1	54.5	87.7	137.2
-15°	6.8	7.0	8.0	9.4	11.3	14.0	19.3	32.1	58.0	94.4	145.1
-17.5°	6.8	7.0	8.0	9.3	11.2	14.0	19.4	33.6	61.7	100.0	151.3
-20°	6.8	7.0	8.0	9.2	11.2	13.9	19.7	35.4	64.5	104.4	155.6



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.8	7.0	8.0	9.2	11.1	13.8	20.3	36.3	66.1	107.5	158.0
-25°	6.8	7.0	8.0	9.1	11.1	13.9	20.5	36.4	66.4	109.2	158.2
-27.5°	6.8	7.1	7.9	9.0	10.9	14.1	20.3	35.7	65.5	109.5	159.5
-30°	6.8	7.1	7.9	8.9	10.8	14.1	19.8	34.0	64.2	108.2	159.1
-32.5°	6.8	7.1	7.9	8.8	10.7	14.1	18.9	33.0	62.3	105.1	156.8
-35°	6.8	7.1	7.9	8.7	10.7	14.0	18.5	31.9	58.9	100.2	152.6
-37.5°	6.8	7.1	7.9	8.6	10.6	13.9	18.4	30.2	54.1	93.5	141.1
-40°	6.8	7.1	7.9	8.5	10.5	13.7	18.1	27.9	47.9	86.3	127.8
-42.5°	6.8	7.1	7.9	8.4	10.4	13.5	17.7	24.9	43.2	75.7	113.1
-45°	6.8	7.1	7.9	8.4	10.3	13.3	17.2	22.6	39.1	63.8	97.6
-47.5°	6.8	7.1	7.9	8.4	10.3	13.0	16.5	21.8	34.2	51.3	83.3
-50°	6.8	7.1	7.9	8.4	10.2	12.7	16.1	20.9	27.9	44.2	68.1
-52.5°	6.8	7.1	7.9	8.4	10.1	12.3	15.6	19.8	24.8	36.6	52.7
-55°	6.8	7.1	7.9	8.5	9.9	12.1	15.0	18.5	23.0	28.7	43.7
-57.5°	6.8	7.1	7.9	8.5	9.8	11.8	14.4	17.8	21.2	25.2	34.3
-60°	6.8	7.1	7.9	8.5	9.6	11.6	13.8	16.9	19.4	23.1	26.9
-62.5°	6.8	7.1	7.9	8.5	9.5	11.3	13.4	15.9	18.3	20.9	24.4
-65°	6.8	7.0	7.8	8.5	9.4	10.9	12.9	14.9	17.1	19.4	21.9
-67.5°	6.8	7.0	7.7	8.4	9.3	10.6	12.5	14.3	15.9	18.0	20.1
-70°	6.8	7.0	7.6	8.4	9.1	10.3	11.9	13.6	15.1	16.6	18.6
-72.5°	6.8	7.0	7.5	8.3	9.0	10.0	11.4	12.9	14.3	15.7	17.1
-75°	6.8	7.0	7.4	8.1	8.8	9.6	10.8	12.1	13.5	14.8	16.1
-77.5°	6.8	6.9	7.3	8.0	8.6	9.3	10.2	11.3	12.4	13.7	15.0
-80°	6.8	6.9	7.2	7.8	8.4	8.9	9.5	10.4	11.3	12.4	13.5
-82.5°	6.8	6.9	7.1	7.6	8.1	8.7	9.2	9.6	10.2	11.0	11.9
-85°	6.8	6.9	7.0	7.5	7.9	8.4	8.8	9.1	9.5	9.9	10.4
-87.5°	6.8	6.8	6.9	7.3	7.7	8.1	8.5	8.6	8.8	9.0	9.2
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.1	8.1	8.1	8.1	8.5	8.8	9.2	9.5	9.5	9.5	9.5
87.5°	6.5	6.1	5.8	5.4	5.1	4.8	4.4	4.1	4.1	4.1	4.1
85°	6.5	6.1	5.8	5.4	5.2	4.9	4.8	4.6	4.6	4.5	4.3
82.5°	6.5	6.1	5.8	5.4	5.3	5.4	5.4	5.4	5.1	4.8	4.5
80°	6.5	6.2	5.9	5.8	5.9	5.8	5.7	5.5	5.1	4.9	4.7
77.5°	6.6	6.5	6.5	6.6	6.5	6.3	6.2	6.2	6.1	5.9	5.8
75°	6.7	6.8	6.9	6.9	6.7	6.7	6.8	6.8	6.7	6.6	6.6
72.5°	7.0	7.2	7.1	7.0	6.8	6.8	6.8	6.8	7.6	8.9	9.9
70°	7.5	7.6	7.3	7.0	6.8	7.2	8.7	10.6	12.4	14.3	16.6
67.5°	8.0	7.7	7.4	7.3	8.4	10.1	12.2	17.2	23.2	25.8	26.8
65°	8.1	7.8	8.1	9.2	10.6	14.2	19.7	26.7	34.3	35.6	34.8
62.5°	8.2	8.5	9.4	11.3	14.3	19.1	26.0	33.8	42.4	42.6	37.2
60°	8.8	9.3	11.4	14.5	17.9	23.3	31.3	37.3	43.6	46.1	35.2
57.5°	9.5	10.9	14.1	17.9	22.2	26.1	30.4	36.2	38.8	38.7	28.5
55°	10.8	13.2	17.1	21.8	25.0	24.1	27.1	29.0	29.5	27.5	19.9
52.5°	12.9	15.7	20.6	24.6	25.3	22.8	21.2	22.2	20.9	17.8	15.5
50°	14.9	18.9	23.8	26.3	24.9	20.4	16.9	17.0	16.1	14.7	13.2
47.5°	17.2	21.7	26.5	27.6	22.9	19.5	16.4	15.2	14.5	13.9	12.7
45°	19.4	23.8	28.8	25.8	22.2	20.2	17.8	14.9	14.9	14.5	14.5
42.5°	21.3	25.5	27.5	24.2	23.7	22.3	20.1	17.5	16.3	17.0	17.4
40°	22.4	26.6	26.4	26.5	26.0	25.2	23.7	21.6	19.3	20.8	21.6
37.5°	23.2	26.5	27.3	30.2	29.3	29.1	28.0	28.3	26.7	25.9	29.1
35°	23.7	27.1	31.8	35.3	34.9	33.7	35.5	36.5	36.0	34.9	40.0
32.5°	24.4	28.5	37.5	41.3	42.7	42.0	44.2	46.3	48.5	51.1	59.4
30°	27.1	33.7	44.0	48.1	52.3	57.2	56.1	57.8	63.8	83.1	101.0
27.5°	32.3	40.6	50.5	57.2	64.7	76.1	78.5	75.6	94.0	124.7	156.7
25°	38.2	61.1	57.5	67.9	83.0	98.7	107.1	113.7	139.0	183.9	217.4
22.5°	49.8	88.2	87.6	79.7	103.7	124.8	145.1	190.1	253.9	274.3	281.0
20°	69.7	115.3	123.8	126.5	134.8	154.0	188.5	294.2	421.8	469.8	418.4
17.5°	93.2	144.9	163.7	184.3	209.4	215.2	244.5	419.4	630.7	703.0	703.3
15°	119.4	176.6	206.0	247.7	289.1	315.3	412.7	624.0	856.8	971.3	1036.6
12.5°	147.4	209.9	250.3	315.5	372.7	418.6	631.3	968.3	1184.8	1284.7	1475.4
10°	176.3	244.1	295.7	386.2	459.0	524.0	877.1	1335.7	1546.6	1644.4	1862.2
7.5°	205.2	276.1	340.0	458.2	546.6	630.1	1138.7	1715.2	1895.6	1982.8	2160.3
5°	232.9	304.4	375.1	512.9	615.9	717.1	1376.1	2093.3	2233.8	2304.2	2404.3
2.5°	258.4	331.3	408.8	562.1	671.5	771.9	1479.3	2259.3	2413.5	2519.0	2604.4
0°	280.6	356.5	440.5	607.2	723.8	822.7	1554.6	2396.3	2559.0	2685.0	2788.0
-2.5°	281.7	361.8	450.9	605.3	712.1	814.6	1482.7	2365.3	2608.9	2798.0	2952.4
-5°	279.0	364.9	458.6	599.5	697.7	802.3	1388.1	2291.1	2619.0	2820.4	2978.2
-7.5°	273.5	365.7	463.1	589.0	676.3	771.4	1305.3	2139.3	2500.6	2673.1	2840.7
-10°	266.1	363.6	456.4	564.5	645.5	728.9	1200.2	1962.9	2379.3	2527.5	2683.1
-12.5°	259.8	359.4	446.6	540.3	614.3	685.3	1062.5	1768.9	2259.0	2388.1	2512.3
-15°	252.4	353.8	435.5	517.8	583.3	641.2	890.7	1563.7	2141.5	2286.4	2382.4
-17.5°	244.5	347.0	423.6	498.0	553.2	597.6	687.3	1316.9	1945.7	2166.6	2279.0
-20°	236.6	339.2	411.0	482.0	525.0	566.8	626.9	1065.6	1640.6	2022.1	2165.6



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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°	229.3	330.5	398.7	465.7	509.8	547.0	595.0	820.9	1318.1	1858.7	2031.7
-25°	226.5	317.2	386.7	449.9	498.7	528.2	562.3	615.4	1020.4	1534.1	1881.3
-27.5°	225.8	306.1	372.6	433.3	489.9	512.2	538.3	578.9	786.3	1201.2	1695.8
-30°	222.3	290.2	356.9	415.9	472.9	503.3	519.7	551.7	607.3	926.1	1331.8
-32.5°	212.0	273.2	338.3	397.2	452.7	497.9	510.5	537.5	578.5	669.7	998.8
-35°	199.1	257.2	318.2	377.1	432.0	482.2	510.4	526.4	553.7	597.3	745.1
-37.5°	187.0	240.0	297.4	355.2	408.7	459.6	508.7	522.9	541.2	572.2	628.6
-40°	172.9	221.7	276.9	331.8	383.6	434.0	482.3	523.4	534.5	565.8	605.2
-42.5°	156.8	204.0	255.8	307.1	355.5	404.9	453.7	499.6	542.6	564.1	594.6
-45°	139.1	184.0	233.5	279.4	324.6	372.9	420.4	468.2	523.8	573.7	594.2
-47.5°	119.9	162.1	208.4	249.7	291.8	336.6	384.1	434.5	490.4	545.7	602.9
-50°	100.2	139.3	179.4	218.6	257.2	298.2	342.0	395.0	448.4	503.7	559.1
-52.5°	82.1	114.8	150.8	186.8	222.4	258.4	300.3	348.2	399.7	452.7	501.9
-55°	63.0	92.1	121.4	154.7	187.9	220.0	257.1	300.3	344.9	393.8	438.3
-57.5°	48.9	69.3	94.6	121.7	152.4	183.5	217.2	251.8	291.5	332.5	369.4
-60°	37.8	51.0	69.3	92.1	115.7	145.2	176.9	208.4	240.4	270.6	302.0
-62.5°	27.9	38.3	49.8	64.5	84.9	106.8	133.9	162.8	191.9	217.5	240.5
-65°	25.1	28.0	36.1	46.2	55.9	75.2	95.6	116.1	141.1	163.5	184.4
-67.5°	22.3	24.9	27.5	31.5	40.5	50.6	61.0	78.9	96.8	112.3	127.8
-70°	20.3	21.9	24.1	26.4	28.8	33.4	42.3	51.4	60.6	71.4	85.0
-72.5°	18.6	20.0	21.4	22.7	24.9	27.4	30.0	32.6	38.0	45.2	52.7
-75°	17.1	18.1	19.3	20.5	21.9	23.3	25.0	27.3	29.4	31.2	32.9
-77.5°	15.8	16.5	17.4	18.3	19.4	20.5	21.7	23.0	24.3	25.8	27.3
-80°	14.2	14.9	15.4	16.1	16.8	17.5	18.4	19.3	20.0	20.7	21.5
-82.5°	12.4	12.8	13.3	13.7	14.2	14.6	15.0	15.5	15.8	16.1	16.4
-85°	10.6	10.8	11.1	11.4	11.7	12.0	12.2	12.5	12.4	12.3	12.2
-87.5°	9.3	9.4	9.6	9.6	9.9	10.1	10.3	10.4	10.2	10.0	9.8
-90°	6.5	6.1	5.8	5.4	5.1	4.8	4.4	4.1	4.1	4.1	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°	9.5	9.5	9.5	9.5	9.5	13.2	16.9	20.7	24.4	33.5	42.7
87.5°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.4	1.4
85°	4.1	3.8	3.4	3.1	2.7	2.7	2.6	2.6	2.6	2.3	2.0
82.5°	4.1	3.9	3.8	3.8	3.7	3.5	3.3	3.0	2.7	2.4	2.1
80°	4.5	4.5	4.4	4.3	4.1	3.8	3.4	3.1	2.7	2.7	2.7
77.5°	5.6	5.4	5.1	4.7	4.2	4.0	3.9	3.9	3.9	3.7	3.4
75°	6.7	6.6	6.5	6.1	5.5	5.4	5.4	5.3	5.2	4.9	4.7
72.5°	10.7	10.9	10.4	10.1	9.3	8.9	9.0	8.9	8.7	8.5	8.4
70°	18.0	18.2	17.6	16.2	14.2	12.8	12.2	11.6	10.8	10.9	11.6
67.5°	25.9	24.1	22.3	20.0	17.1	14.9	13.9	12.7	11.4	10.7	10.5
65°	31.4	24.9	21.3	18.8	17.2	15.5	13.8	12.1	10.6	9.7	9.2
62.5°	30.0	21.3	17.4	15.7	14.3	13.2	11.4	9.9	8.5	7.6	7.6
60°	25.8	17.8	13.6	12.2	10.8	9.6	8.7	7.9	7.2	6.9	7.3
57.5°	20.1	14.0	10.7	10.2	9.5	8.5	8.0	7.8	7.3	6.8	7.2
55°	14.7	12.3	10.9	10.4	10.1	9.7	9.2	8.6	8.1	7.6	7.9
52.5°	12.7	12.0	11.9	11.7	11.0	10.2	9.4	9.3	9.2	9.0	9.1
50°	12.4	12.3	12.3	12.0	11.3	10.9	10.7	10.6	10.5	10.4	10.4
47.5°	12.7	12.9	12.9	12.3	12.1	12.3	12.2	12.1	12.3	12.5	12.7
45°	14.0	14.4	14.5	14.7	14.3	14.7	14.8	14.7	16.9	17.1	16.1
42.5°	17.0	18.8	20.1	19.6	17.9	21.5	26.8	29.1	26.8	23.3	20.9
40°	24.1	26.4	27.3	29.1	36.3	41.7	36.7	31.6	29.5	31.3	32.8
37.5°	33.7	36.7	45.3	56.2	52.3	42.5	43.6	44.0	43.1	45.9	46.2
35°	49.3	63.3	73.6	70.3	65.4	64.4	66.8	67.5	61.0	64.0	65.0
32.5°	79.1	96.0	96.8	92.5	94.9	95.4	102.0	97.5	91.9	94.7	102.2
30°	114.1	131.0	137.1	129.2	114.9	123.0	129.8	127.7	131.6	143.2	155.5
27.5°	169.0	179.9	190.0	174.3	145.8	158.3	163.1	158.2	185.2	199.8	228.6
25°	234.4	246.7	254.7	241.5	221.9	211.7	227.1	238.7	271.6	303.8	348.9
22.5°	305.7	338.7	348.2	313.9	313.9	313.8	319.7	358.9	403.3	474.2	593.3
20°	388.7	454.5	507.2	472.4	427.7	457.9	495.2	543.3	669.8	991.6	1357.5
17.5°	683.0	636.9	733.8	737.0	672.6	743.1	877.2	1049.9	1583.8	3225.4	4301.5
15°	1162.2	1113.6	1053.3	1056.4	1119.9	1258.0	1532.5	2488.4	4846.4	8350.1	11971.1
12.5°	1651.5	1578.5	1489.7	1466.2	1604.8	1883.0	3177.9	7111.3	12663.6	18710.0	34220.2
10°	2037.5	1998.6	1916.8	1977.9	2209.4	3026.3	5674.5	12496.7	23954.0	43985.6	68702.5
7.5°	2264.0	2249.2	2271.2	2450.7	2828.1	4978.9	10801.6	20942.5	39822.6	70178.0	114707.8
5°	2491.4	2503.8	2570.7	2817.5	3300.6	6333.1	15245.1	29102.2	57660.3	102281.0	171238.5
2.5°	2743.3	2754.7	2844.7	3155.5	3708.2	6544.8	16302.6	34298.7	73108.2	131581.0	222989.0
0°	3033.3	2968.3	2995.4	3278.7	3849.3	7633.5	18814.0	37611.8	80912.2	143751.7	236983.0
-2.5°	3136.3	2997.1	2971.7	3210.9	3711.1	6764.6	16806.4	34975.4	74316.1	131694.6	220979.2
-5°	3066.4	2876.3	2800.2	2995.8	3470.7	5931.7	14131.5	31825.2	65981.3	112658.3	187249.0
-7.5°	2892.8	2710.4	2598.3	2745.5	3160.1	4887.7	10824.6	24100.2	48026.8	83354.9	133017.4
-10°	2743.7	2568.9	2397.9	2445.1	2732.2	3638.2	6738.8	15786.0	31730.6	56266.9	84568.8
-12.5°	2614.6	2468.1	2212.2	2134.5	2295.3	2720.5	4703.3	10759.6	20296.4	31918.3	51757.3
-15°	2481.1	2361.0	2105.5	1982.4	2039.8	2246.9	2784.0	5168.0	11113.4	18917.0	27463.5
-17.5°	2333.0	2250.6	2096.9	1915.2	1837.4	1920.7	2177.2	2913.4	4938.8	9802.2	15131.1
-20°	2232.7	2186.8	2074.0	1914.5	1814.6	1776.1	1865.0	2090.5	2587.9	4452.0	6747.7



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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°	2107.0	2088.0	2011.8	1966.2	1893.1	1810.5	1732.5	1802.4	1967.5	2221.5	3014.8
-25°	1988.1	1992.7	1997.7	2057.8	2046.1	1930.7	1782.6	1676.6	1732.2	1811.9	1972.4
-27.5°	1856.5	1921.9	2023.3	2136.4	2188.9	2091.3	1916.9	1758.0	1710.6	1664.0	1731.9
-30°	1741.0	1874.0	1982.6	2120.8	2211.4	2182.3	2092.4	1985.2	1869.2	1788.5	1762.0
-32.5°	1442.8	1811.5	1912.0	2023.1	2158.4	2201.5	2191.2	2150.0	2100.3	2043.5	1984.7
-35°	1121.3	1530.6	1867.3	1931.3	2019.8	2147.4	2247.8	2254.8	2248.3	2227.5	2211.7
-37.5°	791.9	1181.5	1536.2	1821.1	1927.2	2012.2	2166.0	2283.7	2350.6	2345.3	2346.8
-40°	657.6	764.9	1121.8	1451.0	1695.1	1922.5	2045.2	2199.1	2321.4	2371.3	2409.3
-42.5°	634.4	676.0	718.6	965.6	1279.7	1555.0	1766.6	1962.0	2134.7	2257.8	2355.6
-45°	618.0	646.3	678.5	719.6	763.8	1009.6	1283.1	1537.4	1703.6	1869.9	2043.4
-47.5°	617.4	624.3	647.2	676.1	704.2	744.0	789.7	851.7	1035.7	1202.7	1379.1
-50°	598.9	626.8	634.6	643.4	661.4	683.3	704.8	727.1	748.1	761.3	779.2
-52.5°	544.5	580.6	614.3	640.7	647.6	654.2	660.4	674.9	688.9	700.6	713.8
-55°	478.7	516.9	554.1	584.4	611.7	637.4	656.7	659.8	664.1	669.2	677.3
-57.5°	407.5	444.7	479.9	511.6	541.5	569.3	589.3	604.2	618.1	631.3	648.4
-60°	334.3	367.1	399.3	429.9	459.4	487.4	505.8	521.0	534.1	547.1	564.7
-62.5°	262.5	287.7	316.7	344.4	370.0	394.1	413.2	429.4	442.9	456.4	472.8
-65°	204.1	222.8	244.4	264.6	283.5	305.8	326.4	343.3	356.8	370.2	384.8
-67.5°	145.6	163.0	183.1	201.9	219.5	236.5	253.8	270.0	285.1	300.3	315.6
-70°	97.3	109.6	124.2	140.2	156.7	172.1	186.9	201.1	214.6	228.1	241.1
-72.5°	60.3	68.0	76.1	86.8	97.9	108.6	119.2	129.7	140.0	152.2	164.4
-75°	34.4	37.4	43.6	49.5	55.1	60.4	64.9	68.8	71.9	79.1	87.0
-77.5°	28.9	30.4	32.0	33.7	35.3	37.5	39.9	42.5	45.0	50.8	57.2
-80°	22.5	23.5	24.6	25.8	27.0	28.7	30.4	32.1	33.6	37.9	42.4
-82.5°	16.7	17.1	17.6	18.0	18.4	19.7	21.1	22.4	23.7	27.2	30.8
-85°	12.1	12.3	12.5	12.7	12.8	13.9	15.1	16.2	17.3	20.8	24.2
-87.5°	9.5	9.5	9.5	9.5	9.5	10.7	11.9	12.9	14.0	17.7	21.4
-90°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.4	1.4



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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°	51.8	61.0	51.5	42.0	51.5	61.0	51.8	42.7	33.5	24.4	20.7
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
85°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.0	2.3	2.6	2.6
82.5°	1.7	1.4	2.0	2.7	2.0	1.4	1.7	2.1	2.4	2.7	3.0
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.1
77.5°	3.1	2.7	2.7	2.7	2.7	2.7	3.1	3.4	3.7	3.9	3.9
75°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	4.9	5.2	5.3
72.5°	8.3	8.0	8.1	8.1	8.1	8.0	8.3	8.4	8.5	8.7	8.9
70°	12.5	13.3	13.6	13.6	13.6	13.3	12.5	11.6	10.9	10.8	11.6
67.5°	10.1	9.7	9.5	9.5	9.5	9.7	10.1	10.5	10.7	11.4	12.7
65°	8.7	8.2	8.1	8.1	8.1	8.2	8.7	9.2	9.7	10.6	12.1
62.5°	7.7	8.0	8.1	8.1	8.1	8.0	7.7	7.6	7.6	8.5	9.9
60°	7.6	8.0	8.1	8.1	8.1	8.0	7.6	7.3	6.9	7.2	7.9
57.5°	7.6	8.0	8.1	8.1	8.1	8.0	7.6	7.2	6.8	7.3	7.8
55°	8.0	8.1	8.6	9.5	8.6	8.1	8.0	7.9	7.6	8.1	8.6
52.5°	9.3	9.4	9.5	9.5	9.5	9.4	9.3	9.1	9.0	9.2	9.3
50°	10.6	10.7	10.8	10.8	10.8	10.7	10.6	10.4	10.4	10.5	10.6
47.5°	13.1	13.4	13.5	13.6	13.5	13.4	13.1	12.7	12.5	12.3	12.1
45°	16.4	16.3	16.2	16.3	16.2	16.3	16.4	16.1	17.1	16.9	14.7
42.5°	21.7	22.4	22.8	23.0	22.8	22.4	21.7	20.9	23.3	26.8	29.1
40°	34.4	34.9	34.6	33.9	34.6	34.9	34.4	32.8	31.3	29.5	31.6
37.5°	46.8	47.8	48.4	48.8	48.4	47.8	46.8	46.2	45.9	43.1	44.0
35°	65.7	66.5	66.0	67.8	66.0	66.5	65.7	65.0	64.0	61.0	67.5
32.5°	107.1	107.7	104.4	105.7	104.4	107.7	107.1	102.2	94.7	91.9	97.5
30°	164.1	171.6	176.1	181.6	176.1	171.6	164.1	155.5	143.2	131.6	127.7
27.5°	249.8	268.2	280.2	287.3	280.2	268.2	249.8	228.6	199.8	185.2	158.2
25°	390.0	418.0	433.1	444.6	433.1	418.0	390.0	348.9	303.8	271.6	238.7
22.5°	757.5	864.7	924.6	981.3	924.6	864.7	757.5	593.3	474.2	403.3	358.9
20°	1942.5	2067.6	2303.3	2449.2	2303.3	2067.6	1942.5	1357.5	991.6	669.8	543.3
17.5°	6543.6	8342.5	8678.3	8932.0	8678.3	8342.5	6543.6	4301.5	3225.4	1583.8	1049.9
15°	19486.8	24825.8	26262.7	27485.8	26262.7	24825.8	19486.8	11971.1	8350.1	4846.4	2488.4
12.5°	47049.6	61743.9	69736.4	75808.5	69736.4	61743.9	47049.6	34220.2	18710.0	12663.6	7111.3
10°	98575.7	127344.0	149179.1	161824.4	149179.1	127344.0	98575.7	68702.5	43985.6	23954.0	12496.7
7.5°	167870.5	216630.2	245133.2	259641.6	245133.2	216630.2	167870.5	114707.8	70178.0	39822.6	20942.5
5°	253195.7	316139.7	355918.8	377792.2	355918.8	316139.7	253195.7	171238.5	102281.0	57660.3	29102.2
2.5°	316265.6	397016.6	456644.2	484691.8	456644.2	397016.6	316265.6	222989.0	131581.0	73108.2	34298.7
0°	339102.2	423822.3	491985.8	532820.7	491985.8	423822.3	339102.2	236983.0	143751.7	80912.2	37611.8
-2.5°	317301.8	396835.7	449925.8	474630.8	449925.8	396835.7	317301.8	220979.2	131694.6	74316.1	34975.4
-5°	269820.1	338582.8	376734.5	392884.4	376734.5	338582.8	269820.1	187249.0	112658.3	65981.3	31825.2
-7.5°	191432.6	243885.2	270699.9	286607.6	270699.9	243885.2	191432.6	133017.4	83354.9	48026.8	24100.2
-10°	120525.3	150012.1	175662.0	187264.9	175662.0	150012.1	120525.3	84568.8	56266.9	31730.6	15786.0
-12.5°	69994.8	88663.3	103671.4	110046.8	103671.4	88663.3	69994.8	51757.3	31918.3	20296.4	10759.6
-15°	38681.1	48882.9	55792.7	58495.5	55792.7	48882.9	38681.1	27463.5	18917.0	11113.4	5168.0
-17.5°	21509.7	26460.1	28424.1	31573.6	28424.1	26460.1	21509.7	15131.1	9802.2	4938.8	2913.4
-20°	10537.8	13104.7	13927.8	16149.4	13927.8	13104.7	10537.8	6747.7	4452.0	2587.9	2090.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4093.3	4699.1	4834.2	5887.8	4834.2	4699.1	4093.3	3014.8	2221.5	1967.5	1802.4
-25°	2125.8	2227.9	2275.3	2399.0	2275.3	2227.9	2125.8	1972.4	1811.9	1732.2	1676.6
-27.5°	1786.9	1836.4	1876.0	1935.5	1876.0	1836.4	1786.9	1731.9	1664.0	1710.6	1758.0
-30°	1741.6	1732.9	1734.0	1740.3	1734.0	1732.9	1741.6	1762.0	1788.5	1869.2	1985.2
-32.5°	1937.7	1907.6	1892.7	1836.5	1892.7	1907.6	1937.7	1984.7	2043.5	2100.3	2150.0
-35°	2202.2	2199.7	2201.6	2175.4	2201.6	2199.7	2202.2	2211.7	2227.5	2248.3	2254.8
-37.5°	2347.5	2351.8	2357.0	2348.9	2357.0	2351.8	2347.5	2346.8	2345.3	2350.6	2283.7
-40°	2422.5	2434.8	2443.4	2441.0	2443.4	2434.8	2422.5	2409.3	2371.3	2321.4	2199.1
-42.5°	2404.5	2434.7	2449.6	2454.6	2449.6	2434.7	2404.5	2355.6	2257.8	2134.7	1962.0
-45°	2202.2	2325.7	2400.1	2420.7	2400.1	2325.7	2202.2	2043.4	1869.9	1703.6	1537.4
-47.5°	1577.5	1760.2	1931.5	2081.9	1931.5	1760.2	1577.5	1379.1	1202.7	1035.7	851.7
-50°	801.5	822.2	864.4	925.7	864.4	822.2	801.5	779.2	761.3	748.1	727.1
-52.5°	726.9	738.9	750.6	761.7	750.6	738.9	726.9	713.8	700.6	688.9	674.9
-55°	685.0	692.2	697.8	702.1	697.8	692.2	685.0	677.3	669.2	664.1	659.8
-57.5°	663.1	675.3	685.7	694.0	685.7	675.3	663.1	648.4	631.3	618.1	604.2
-60°	580.3	593.6	606.1	616.7	606.1	593.6	580.3	564.7	547.1	534.1	521.0
-62.5°	486.8	498.6	510.8	521.8	510.8	498.6	486.8	472.8	456.4	442.9	429.4
-65°	397.8	409.2	419.4	428.3	419.4	409.2	397.8	384.8	370.2	356.8	343.3
-67.5°	329.7	342.7	355.6	367.3	355.6	342.7	329.7	315.6	300.3	285.1	270.0
-70°	252.9	263.6	272.8	280.6	272.8	263.6	252.9	241.1	228.1	214.6	201.1
-72.5°	175.4	185.4	196.8	207.4	196.8	185.4	175.4	164.4	152.2	140.0	129.7
-75°	94.6	101.8	108.7	115.2	108.7	101.8	94.6	87.0	79.1	71.9	68.8
-77.5°	63.6	69.9	74.4	78.6	74.4	69.9	63.6	57.2	50.8	45.0	42.5
-80°	46.8	51.2	54.8	58.3	54.8	51.2	46.8	42.4	37.9	33.6	32.1
-82.5°	34.3	37.9	40.7	43.4	40.7	37.9	34.3	30.8	27.2	23.7	22.4
-85°	27.7	31.2	33.9	36.6	33.9	31.2	27.7	24.2	20.8	17.3	16.2
-87.5°	25.0	28.6	30.5	32.5	30.5	28.6	25.0	21.4	17.7	14.0	12.9
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.9	13.2	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
87.5°	2.1	2.4	2.7	3.1	3.4	3.8	4.1	4.1	4.1	4.1	4.1
85°	2.6	2.7	2.7	3.1	3.4	3.8	4.1	4.3	4.5	4.6	4.6
82.5°	3.3	3.5	3.7	3.8	3.8	3.9	4.1	4.5	4.8	5.1	5.4
80°	3.4	3.8	4.1	4.3	4.4	4.5	4.5	4.7	4.9	5.1	5.5
77.5°	3.9	4.0	4.2	4.7	5.1	5.4	5.6	5.8	5.9	6.1	6.2
75°	5.4	5.4	5.5	6.1	6.5	6.6	6.7	6.6	6.6	6.7	6.8
72.5°	9.0	8.9	9.3	10.1	10.4	10.9	10.7	9.9	8.9	7.6	6.8
70°	12.2	12.8	14.2	16.2	17.6	18.2	18.0	16.6	14.3	12.4	10.6
67.5°	13.9	14.9	17.1	20.0	22.3	24.1	25.9	26.8	25.8	23.2	17.2
65°	13.8	15.5	17.2	18.8	21.3	24.9	31.4	34.8	35.6	34.3	26.7
62.5°	11.4	13.2	14.3	15.7	17.4	21.3	30.0	37.2	42.6	42.4	33.8
60°	8.7	9.6	10.8	12.2	13.6	17.8	25.8	35.2	46.1	43.6	37.3
57.5°	8.0	8.5	9.5	10.2	10.7	14.0	20.1	28.5	38.7	38.8	36.2
55°	9.2	9.7	10.1	10.4	10.9	12.3	14.7	19.9	27.5	29.5	29.0
52.5°	9.4	10.2	11.0	11.7	11.9	12.0	12.7	15.5	17.8	20.9	22.2
50°	10.7	10.9	11.3	12.0	12.3	12.3	12.4	13.2	14.7	16.1	17.0
47.5°	12.2	12.3	12.1	12.3	12.9	12.9	12.7	12.7	13.9	14.5	15.2
45°	14.8	14.7	14.3	14.7	14.5	14.4	14.0	14.5	14.5	14.9	14.9
42.5°	26.8	21.5	17.9	19.6	20.1	18.8	17.0	17.4	17.0	16.3	17.5
40°	36.7	41.7	36.3	29.1	27.3	26.4	24.1	21.6	20.8	19.3	21.6
37.5°	43.6	42.5	52.3	56.2	45.3	36.7	33.7	29.1	25.9	26.7	28.3
35°	66.8	64.4	65.4	70.3	73.6	63.3	49.3	40.0	34.9	36.0	36.5
32.5°	102.0	95.4	94.9	92.5	96.8	96.0	79.1	59.4	51.1	48.5	46.3
30°	129.8	123.0	114.9	129.2	137.1	131.0	114.1	101.0	83.1	63.8	57.8
27.5°	163.1	158.3	145.8	174.3	190.0	179.9	169.0	156.7	124.7	94.0	75.6
25°	227.1	211.7	221.9	241.5	254.7	246.7	234.4	217.4	183.9	139.0	113.7
22.5°	319.7	313.8	313.9	313.9	348.2	338.7	305.7	281.0	274.3	253.9	190.1
20°	495.2	457.9	427.7	472.4	507.2	454.5	388.7	418.4	469.8	421.8	294.2
17.5°	877.2	743.1	672.6	737.0	733.8	636.9	683.0	703.3	703.0	630.7	419.4
15°	1532.5	1258.0	1119.9	1056.4	1053.3	1113.6	1162.2	1036.6	971.3	856.8	624.0
12.5°	3177.9	1883.0	1604.8	1466.2	1489.7	1578.5	1651.5	1475.4	1284.7	1184.8	968.3
10°	5674.5	3026.3	2209.4	1977.9	1916.8	1998.6	2037.5	1862.2	1644.4	1546.6	1335.7
7.5°	10801.6	4978.9	2828.1	2450.7	2271.2	2249.2	2264.0	2160.3	1982.8	1895.6	1715.2
5°	15245.1	6333.1	3300.6	2817.5	2570.7	2503.8	2491.4	2404.3	2304.2	2233.8	2093.3
2.5°	16302.6	6544.8	3708.2	3155.5	2844.7	2754.7	2743.3	2604.4	2519.0	2413.5	2259.3
0°	18814.0	7633.5	3849.3	3278.7	2995.4	2968.3	3033.3	2788.0	2685.0	2559.0	2396.3
-2.5°	16806.4	6764.6	3711.1	3210.9	2971.7	2997.1	3136.3	2952.4	2798.0	2608.9	2365.3
-5°	14131.5	5931.7	3470.7	2995.8	2800.2	2876.3	3066.4	2978.2	2820.4	2619.0	2291.1
-7.5°	10824.6	4887.7	3160.1	2745.5	2598.3	2710.4	2892.8	2840.7	2673.1	2500.6	2139.3
-10°	6738.8	3638.2	2732.2	2445.1	2397.9	2568.9	2743.7	2683.1	2527.5	2379.3	1962.9
-12.5°	4703.3	2720.5	2295.3	2134.5	2212.2	2468.1	2614.6	2512.3	2388.1	2259.0	1768.9
-15°	2784.0	2246.9	2039.8	1982.4	2105.5	2361.0	2481.1	2382.4	2286.4	2141.5	1563.7
-17.5°	2177.2	1920.7	1837.4	1915.2	2096.9	2250.6	2333.0	2279.0	2166.6	1945.7	1316.9
-20°	1865.0	1776.1	1814.6	1914.5	2074.0	2186.8	2232.7	2165.6	2022.1	1640.6	1065.6



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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°	1732.5	1810.5	1893.1	1966.2	2011.8	2088.0	2107.0	2031.7	1858.7	1318.1	820.9
-25°	1782.6	1930.7	2046.1	2057.8	1997.7	1992.7	1988.1	1881.3	1534.1	1020.4	615.4
-27.5°	1916.9	2091.3	2188.9	2136.4	2023.3	1921.9	1856.5	1695.8	1201.2	786.3	578.9
-30°	2092.4	2182.3	2211.4	2120.8	1982.6	1874.0	1741.0	1331.8	926.1	607.3	551.7
-32.5°	2191.2	2201.5	2158.4	2023.1	1912.0	1811.5	1442.8	998.8	669.7	578.5	537.5
-35°	2247.8	2147.4	2019.8	1931.3	1867.3	1530.6	1121.3	745.1	597.3	553.7	526.4
-37.5°	2166.0	2012.2	1927.2	1821.1	1536.2	1181.5	791.9	628.6	572.2	541.2	522.9
-40°	2045.2	1922.5	1695.1	1451.0	1121.8	764.9	657.6	605.2	565.8	534.5	523.4
-42.5°	1766.6	1555.0	1279.7	965.6	718.6	676.0	634.4	594.6	564.1	542.6	499.6
-45°	1283.1	1009.6	763.8	719.6	678.5	646.3	618.0	594.2	573.7	523.8	468.2
-47.5°	789.7	744.0	704.2	676.1	647.2	624.3	617.4	602.9	545.7	490.4	434.5
-50°	704.8	683.3	661.4	643.4	634.6	626.8	598.9	559.1	503.7	448.4	395.0
-52.5°	660.4	654.2	647.6	640.7	614.3	580.6	544.5	501.9	452.7	399.7	348.2
-55°	656.7	637.4	611.7	584.4	554.1	516.9	478.7	438.3	393.8	344.9	300.3
-57.5°	589.3	569.3	541.5	511.6	479.9	444.7	407.5	369.4	332.5	291.5	251.8
-60°	505.8	487.4	459.4	429.9	399.3	367.1	334.3	302.0	270.6	240.4	208.4
-62.5°	413.2	394.1	370.0	344.4	316.7	287.7	262.5	240.5	217.5	191.9	162.8
-65°	326.4	305.8	283.5	264.6	244.4	222.8	204.1	184.4	163.5	141.1	116.1
-67.5°	253.8	236.5	219.5	201.9	183.1	163.0	145.6	127.8	112.3	96.8	78.9
-70°	186.9	172.1	156.7	140.2	124.2	109.6	97.3	85.0	71.4	60.6	51.4
-72.5°	119.2	108.6	97.9	86.8	76.1	68.0	60.3	52.7	45.2	38.0	32.6
-75°	64.9	60.4	55.1	49.5	43.6	37.4	34.4	32.9	31.2	29.4	27.3
-77.5°	39.9	37.5	35.3	33.7	32.0	30.4	28.9	27.3	25.8	24.3	23.0
-80°	30.4	28.7	27.0	25.8	24.6	23.5	22.5	21.5	20.7	20.0	19.3
-82.5°	21.1	19.7	18.4	18.0	17.6	17.1	16.7	16.4	16.1	15.8	15.5
-85°	15.1	13.9	12.8	12.7	12.5	12.3	12.1	12.2	12.3	12.4	12.5
-87.5°	11.9	10.7	9.5	9.5	9.5	9.5	9.5	9.8	10.0	10.2	10.4
-90°	2.1	2.4	2.7	3.1	3.4	3.8	4.1	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.2	8.8	8.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	4.4	4.8	5.1	5.4	5.8	6.1	6.5	6.8	6.8	6.8	6.8
85°	4.8	4.9	5.2	5.4	5.8	6.1	6.5	6.8	6.8	6.8	6.8
82.5°	5.4	5.4	5.3	5.4	5.8	6.1	6.5	6.8	6.8	6.8	6.8
80°	5.7	5.8	5.9	5.8	5.9	6.2	6.5	6.8	6.8	6.8	6.8
77.5°	6.2	6.3	6.5	6.6	6.5	6.5	6.6	6.8	6.8	6.8	6.8
75°	6.8	6.7	6.7	6.9	6.9	6.8	6.7	6.9	6.9	6.8	6.8
72.5°	6.8	6.8	6.8	7.0	7.1	7.2	7.0	6.9	7.1	7.1	6.9
70°	8.7	7.2	6.8	7.0	7.3	7.6	7.5	7.4	7.3	7.3	7.2
67.5°	12.2	10.1	8.4	7.3	7.4	7.7	8.0	8.0	7.8	7.6	7.5
65°	19.7	14.2	10.6	9.2	8.1	7.8	8.1	8.4	8.3	8.1	7.9
62.5°	26.0	19.1	14.3	11.3	9.4	8.5	8.2	8.6	8.8	8.6	8.3
60°	31.3	23.3	17.9	14.5	11.4	9.3	8.8	8.9	9.1	9.1	8.7
57.5°	30.4	26.1	22.2	17.9	14.1	10.9	9.5	9.4	9.5	9.5	9.1
55°	27.1	24.1	25.0	21.8	17.1	13.2	10.8	10.1	9.9	9.8	9.7
52.5°	21.2	22.8	25.3	24.6	20.6	15.7	12.9	10.7	10.5	10.3	10.2
50°	16.9	20.4	24.9	26.3	23.8	18.9	14.9	12.4	11.1	10.8	10.9
47.5°	16.4	19.5	22.9	27.6	26.5	21.7	17.2	14.1	11.7	11.3	11.5
45°	17.8	20.2	22.2	25.8	28.8	23.8	19.4	15.6	13.0	12.1	12.3
42.5°	20.1	22.3	23.7	24.2	27.5	25.5	21.3	17.3	14.4	13.1	13.1
40°	23.7	25.2	26.0	26.5	26.4	26.6	22.4	18.7	15.6	14.3	14.0
37.5°	28.0	29.1	29.3	30.2	27.3	26.5	23.2	19.8	17.4	15.8	14.9
35°	35.5	33.7	34.9	35.3	31.8	27.1	23.7	20.6	19.4	17.3	15.9
32.5°	44.2	42.0	42.7	41.3	37.5	28.5	24.4	22.9	21.5	18.8	17.0
30°	56.1	57.2	52.3	48.1	44.0	33.7	27.1	25.4	23.7	20.3	18.1
27.5°	78.5	76.1	64.7	57.2	50.5	40.6	32.3	28.3	26.1	21.9	19.4
25°	107.1	98.7	83.0	67.9	57.5	61.1	38.2	31.5	28.6	23.9	20.6
22.5°	145.1	124.8	103.7	79.7	87.6	88.2	49.8	36.3	31.1	25.9	21.8
20°	188.5	154.0	134.8	126.5	123.8	115.3	69.7	41.5	33.8	27.9	22.9
17.5°	244.5	215.2	209.4	184.3	163.7	144.9	93.2	47.0	36.6	30.0	24.0
15°	412.7	315.3	289.1	247.7	206.0	176.6	119.4	52.7	39.5	32.0	24.5
12.5°	631.3	418.6	372.7	315.5	250.3	209.9	147.4	58.4	42.3	32.9	24.2
10°	877.1	524.0	459.0	386.2	295.7	244.1	176.3	63.9	43.6	32.9	23.8
7.5°	1138.7	630.1	546.6	458.2	340.0	276.1	205.2	69.0	44.8	32.7	23.3
5°	1376.1	717.1	615.9	512.9	375.1	304.4	232.9	73.9	45.8	32.4	22.9
2.5°	1479.3	771.9	671.5	562.1	408.8	331.3	258.4	78.6	46.7	31.9	22.3
0°	1554.6	822.7	723.8	607.2	440.5	356.5	280.6	82.7	47.4	31.2	21.7
-2.5°	1482.7	814.6	712.1	605.3	450.9	361.8	281.7	95.6	56.8	36.8	24.0
-5°	1388.1	802.3	697.7	599.5	458.6	364.9	279.0	107.5	65.7	42.0	26.2
-7.5°	1305.3	771.4	676.3	589.0	463.1	365.7	273.5	118.4	73.9	46.8	28.1
-10°	1200.2	728.9	645.5	564.5	456.4	363.6	266.1	128.0	81.2	51.0	29.8
-12.5°	1062.5	685.3	614.3	540.3	446.6	359.4	259.8	137.2	87.7	54.5	31.1
-15°	890.7	641.2	583.3	517.8	435.5	353.8	252.4	145.1	94.4	58.0	32.1
-17.5°	687.3	597.6	553.2	498.0	423.6	347.0	244.5	151.3	100.0	61.7	33.6
-20°	626.9	566.8	525.0	482.0	411.0	339.2	236.6	155.6	104.4	64.5	35.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	595.0	547.0	509.8	465.7	398.7	330.5	229.3	158.0	107.5	66.1	36.3
-25°	562.3	528.2	498.7	449.9	386.7	317.2	226.5	158.2	109.2	66.4	36.4
-27.5°	538.3	512.2	489.9	433.3	372.6	306.1	225.8	159.5	109.5	65.5	35.7
-30°	519.7	503.3	472.9	415.9	356.9	290.2	222.3	159.1	108.2	64.2	34.0
-32.5°	510.5	497.9	452.7	397.2	338.3	273.2	212.0	156.8	105.1	62.3	33.0
-35°	510.4	482.2	432.0	377.1	318.2	257.2	199.1	152.6	100.2	58.9	31.9
-37.5°	508.7	459.6	408.7	355.2	297.4	240.0	187.0	141.1	93.5	54.1	30.2
-40°	482.3	434.0	383.6	331.8	276.9	221.7	172.9	127.8	86.3	47.9	27.9
-42.5°	453.7	404.9	355.5	307.1	255.8	204.0	156.8	113.1	75.7	43.2	24.9
-45°	420.4	372.9	324.6	279.4	233.5	184.0	139.1	97.6	63.8	39.1	22.6
-47.5°	384.1	336.6	291.8	249.7	208.4	162.1	119.9	83.3	51.3	34.2	21.8
-50°	342.0	298.2	257.2	218.6	179.4	139.3	100.2	68.1	44.2	27.9	20.9
-52.5°	300.3	258.4	222.4	186.8	150.8	114.8	82.1	52.7	36.6	24.8	19.8
-55°	257.1	220.0	187.9	154.7	121.4	92.1	63.0	43.7	28.7	23.0	18.5
-57.5°	217.2	183.5	152.4	121.7	94.6	69.3	48.9	34.3	25.2	21.2	17.8
-60°	176.9	145.2	115.7	92.1	69.3	51.0	37.8	26.9	23.1	19.4	16.9
-62.5°	133.9	106.8	84.9	64.5	49.8	38.3	27.9	24.4	20.9	18.3	15.9
-65°	95.6	75.2	55.9	46.2	36.1	28.0	25.1	21.9	19.4	17.1	14.9
-67.5°	61.0	50.6	40.5	31.5	27.5	24.9	22.3	20.1	18.0	15.9	14.3
-70°	42.3	33.4	28.8	26.4	24.1	21.9	20.3	18.6	16.6	15.1	13.6
-72.5°	30.0	27.4	24.9	22.7	21.4	20.0	18.6	17.1	15.7	14.3	12.9
-75°	25.0	23.3	21.9	20.5	19.3	18.1	17.1	16.1	14.8	13.5	12.1
-77.5°	21.7	20.5	19.4	18.3	17.4	16.5	15.8	15.0	13.7	12.4	11.3
-80°	18.4	17.5	16.8	16.1	15.4	14.9	14.2	13.5	12.4	11.3	10.4
-82.5°	15.0	14.6	14.2	13.7	13.3	12.8	12.4	11.9	11.0	10.2	9.6
-85°	12.2	12.0	11.7	11.4	11.1	10.8	10.6	10.4	9.9	9.5	9.1
-87.5°	10.3	10.1	9.9	9.6	9.6	9.4	9.3	9.2	9.0	8.8	8.6
-90°	4.4	4.8	5.1	5.4	5.8	6.1	6.5	6.8	6.8	6.8	6.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.1	7.8	7.5	7.1	6.8	6.8	6.8
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.9	6.8	6.8	6.8	6.8	6.8
75°	6.9	7.0	6.8	6.8	6.8	6.8	6.8
72.5°	6.9	7.2	7.1	6.8	6.8	6.8	6.8
70°	7.1	7.4	7.3	6.9	6.8	6.8	6.8
67.5°	7.5	7.6	7.6	7.1	6.8	6.8	6.8
65°	7.8	7.9	7.9	7.4	6.8	6.8	6.8
62.5°	8.2	8.2	8.2	7.7	6.8	6.8	6.8
60°	8.6	8.5	8.5	7.9	6.8	6.8	6.8
57.5°	9.1	8.9	8.8	8.2	7.0	6.8	6.8
55°	9.5	9.2	9.0	8.5	7.2	6.8	6.8
52.5°	10.0	9.5	9.3	8.8	7.3	6.8	6.8
50°	10.6	10.0	9.5	9.1	7.5	6.8	6.8
47.5°	11.1	10.4	9.8	9.4	7.6	6.8	6.8
45°	11.8	10.9	10.0	9.6	7.7	6.8	6.8
42.5°	12.5	11.4	10.2	9.7	7.9	6.8	6.8
40°	13.2	11.9	10.6	9.8	8.0	6.8	6.8
37.5°	14.0	12.4	10.9	9.9	8.1	6.8	6.8
35°	14.7	13.0	11.3	9.9	8.1	6.8	6.8
32.5°	15.6	13.6	11.7	9.9	8.2	6.8	6.8
30°	16.4	14.2	12.1	9.9	8.3	6.8	6.8
27.5°	17.3	14.9	12.2	10.0	8.3	6.8	6.8
25°	18.2	15.5	12.2	10.0	8.3	6.8	6.8
22.5°	19.1	15.9	12.2	9.9	8.4	6.8	6.8
20°	20.0	15.9	12.2	9.9	8.4	6.8	6.8
17.5°	20.1	15.8	12.1	9.9	8.4	6.8	6.8
15°	19.8	15.6	12.0	9.9	8.3	6.8	6.8
12.5°	19.4	15.4	11.8	9.8	8.3	6.8	6.8
10°	18.9	15.1	11.7	9.8	8.3	6.8	6.8
7.5°	18.3	14.8	11.5	9.7	8.3	6.8	6.8
5°	17.7	14.4	11.3	9.7	8.2	6.8	6.8
2.5°	17.0	14.0	11.0	9.6	8.2	6.8	6.8
0°	16.3	13.6	10.8	9.5	8.1	6.8	6.8
-2.5°	17.0	13.7	10.9	9.5	8.1	6.8	6.8
-5°	17.7	13.8	11.0	9.5	8.1	6.9	6.8
-7.5°	18.2	13.9	11.1	9.5	8.1	6.9	6.8
-10°	18.7	14.0	11.2	9.4	8.1	6.9	6.8
-12.5°	19.1	14.0	11.2	9.4	8.1	6.9	6.8
-15°	19.3	14.0	11.3	9.4	8.0	7.0	6.8
-17.5°	19.4	14.0	11.2	9.3	8.0	7.0	6.8
-20°	19.7	13.9	11.2	9.2	8.0	7.0	6.8



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.3	13.8	11.1	9.2	8.0	7.0	6.8
-25°	20.5	13.9	11.1	9.1	8.0	7.0	6.8
-27.5°	20.3	14.1	10.9	9.0	7.9	7.1	6.8
-30°	19.8	14.1	10.8	8.9	7.9	7.1	6.8
-32.5°	18.9	14.1	10.7	8.8	7.9	7.1	6.8
-35°	18.5	14.0	10.7	8.7	7.9	7.1	6.8
-37.5°	18.4	13.9	10.6	8.6	7.9	7.1	6.8
-40°	18.1	13.7	10.5	8.5	7.9	7.1	6.8
-42.5°	17.7	13.5	10.4	8.4	7.9	7.1	6.8
-45°	17.2	13.3	10.3	8.4	7.9	7.1	6.8
-47.5°	16.5	13.0	10.3	8.4	7.9	7.1	6.8
-50°	16.1	12.7	10.2	8.4	7.9	7.1	6.8
-52.5°	15.6	12.3	10.1	8.4	7.9	7.1	6.8
-55°	15.0	12.1	9.9	8.5	7.9	7.1	6.8
-57.5°	14.4	11.8	9.8	8.5	7.9	7.1	6.8
-60°	13.8	11.6	9.6	8.5	7.9	7.1	6.8
-62.5°	13.4	11.3	9.5	8.5	7.9	7.1	6.8
-65°	12.9	10.9	9.4	8.5	7.8	7.0	6.8
-67.5°	12.5	10.6	9.3	8.4	7.7	7.0	6.8
-70°	11.9	10.3	9.1	8.4	7.6	7.0	6.8
-72.5°	11.4	10.0	9.0	8.3	7.5	7.0	6.8
-75°	10.8	9.6	8.8	8.1	7.4	7.0	6.8
-77.5°	10.2	9.3	8.6	8.0	7.3	6.9	6.8
-80°	9.5	8.9	8.4	7.8	7.2	6.9	6.8
-82.5°	9.2	8.7	8.1	7.6	7.1	6.9	6.8
-85°	8.8	8.4	7.9	7.5	7.0	6.9	6.8
-87.5°	8.5	8.1	7.7	7.3	6.9	6.8	6.8
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8

(END OF REPORT)