

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: P1306003 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-4S-CV5-A**

Issue Date: 2/3/2026

Test Information

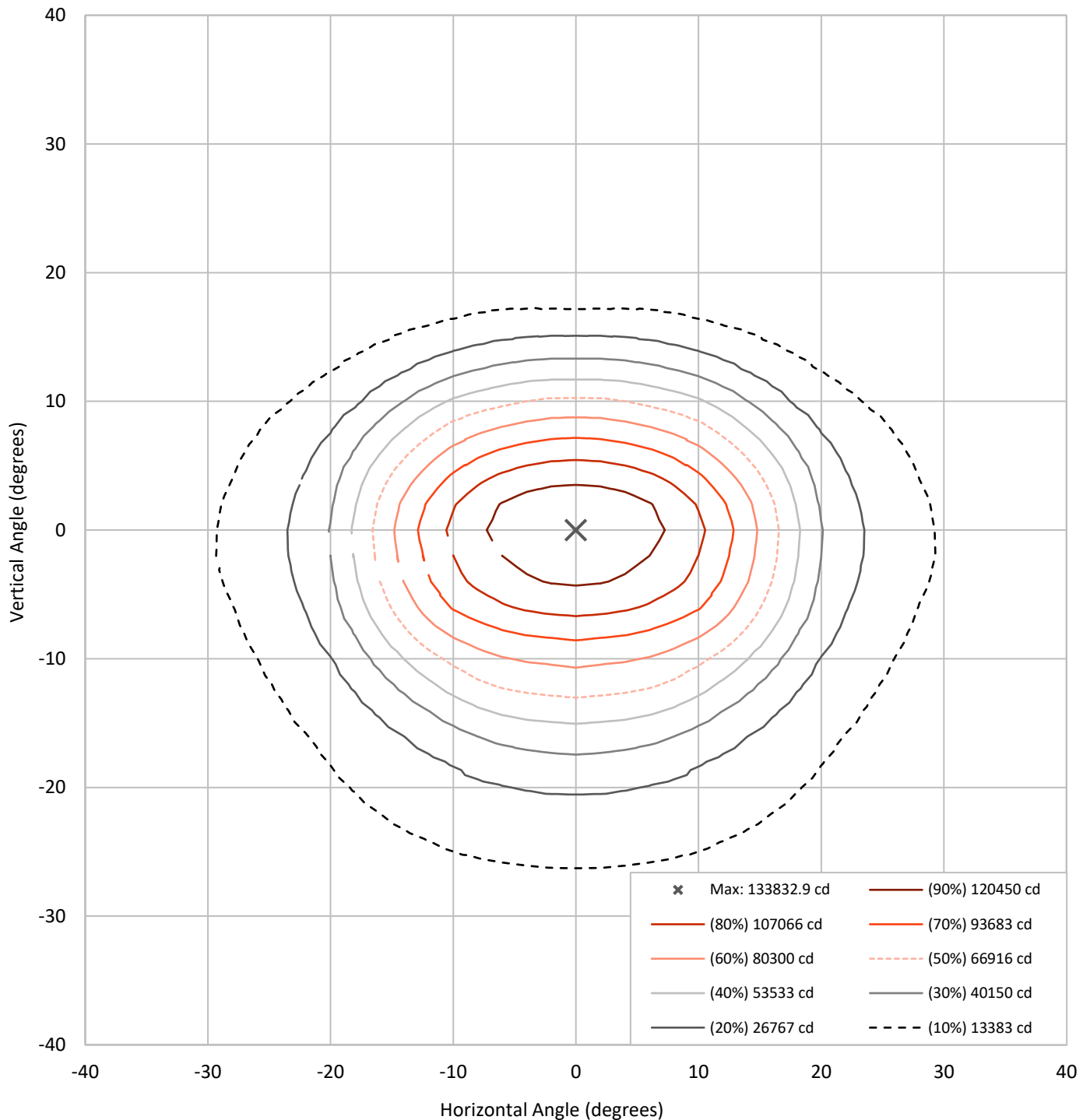
Test Method: LM-79-08
Report Number: P1306003 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-4S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	35329.5 lumens	Max Intensity:	133832.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	17875.6 lumens	Field Lumens:	30468.7 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
Input Watts (W):	334		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





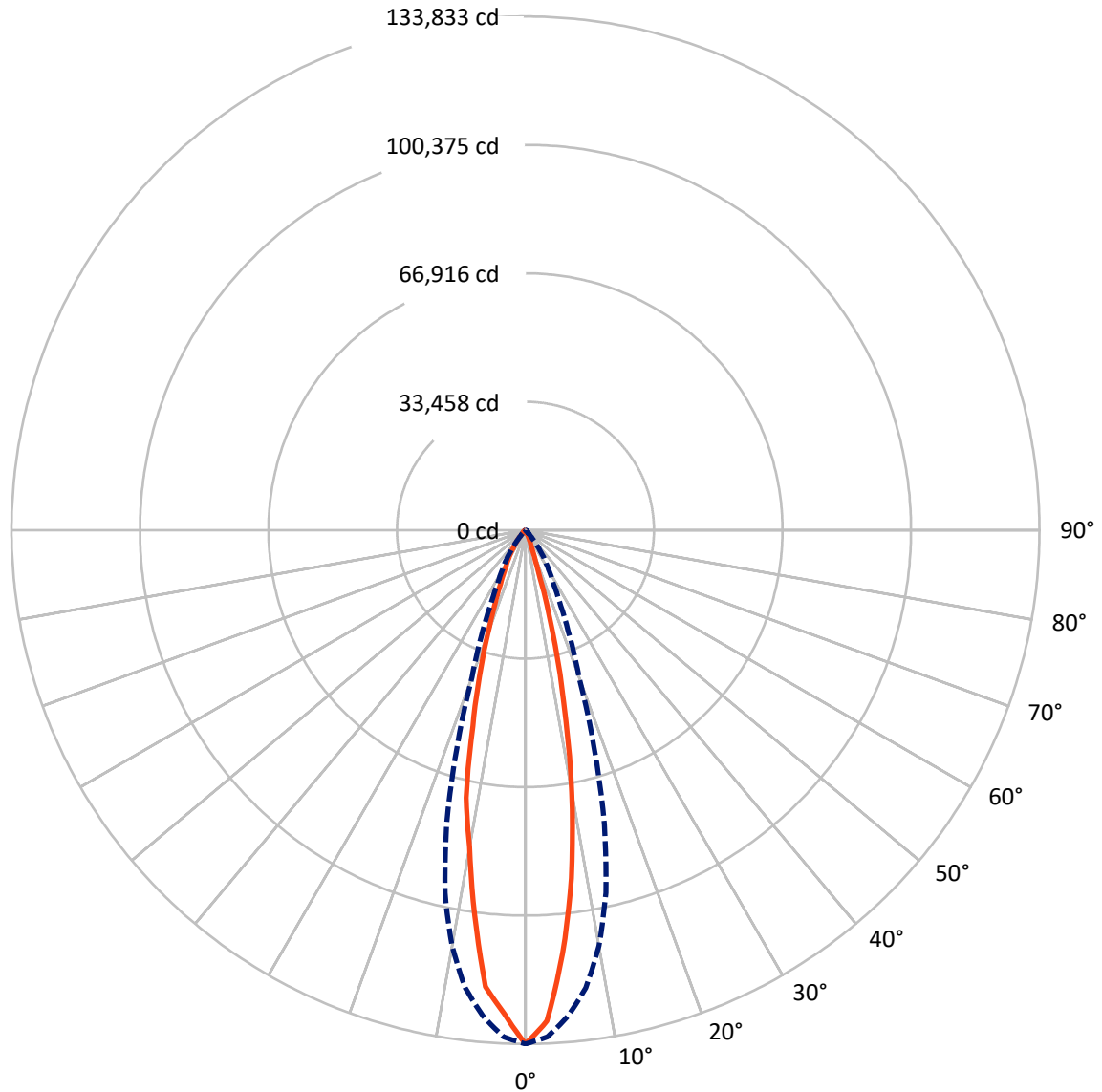
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Lumen Table

90																			
80	0.1	0.3		0.5		0.5		0.3		0.5		0.5		0.3		0.1			
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.2	0.5	0.5	0.2	0.1				
50	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.1	0.1			
40		0.1	0.3	0.5	0.8	1.5	2.7	4.1	4.1	2.7	1.5	0.8	0.5	0.3	0.1				
30	0.2	0.2	0.9	2.0	5.3	14.7	30.5	50.7	50.7	30.5	14.7	5.3	2.0	0.9	0.2	0.2			
20		0.6	3.0	8.0	47.7	149.0	453.9	848.4	848.4	453.9	149.0	47.7	8.0	3.0	0.6				
10	0.2	1.1	6.1	20.1	148.0	521.4	1805.1	3071.7	3071.7	1805.1	521.4	148.0	20.1	6.1	1.1	0.2			
0		1.5	7.6	24.2	164.9	575.3	1988.2	3263.8	3263.8	1988.2	575.3	164.9	24.2	7.6	1.5				
-10	0.3	1.6	6.7	17.0	97.7	317.1	879.9	1546.3	1546.3	879.9	317.1	97.7	17.0	6.7	1.6	0.3			
-20		1.6	5.6	11.3	40.9	158.5	326.6	475.7	475.7	326.6	158.5	40.9	11.3	5.6	1.6				
-30	0.3	1.3	4.7	8.8	16.6	49.3	112.0	159.0	159.0	112.0	49.3	16.6	8.8	4.7	1.3	0.3			
-40		0.8	3.4	7.3	11.8	17.6	25.5	33.5	33.5	25.5	17.6	11.8	7.3	3.4	0.8				
-50	0.2	0.4	1.8	4.6	8.3	11.6	14.3	16.0	16.0	14.3	11.6	8.3	4.6	1.8	0.4	0.2			
-60		0.2	0.6	1.7	3.5	5.6	7.5	8.7	8.7	7.5	5.6	3.5	1.7	0.6	0.2				
-70	0.1	0.5		1.7		4.3		6.2		4.3		1.7		0.5		0.1			
-80		0.5		1.7		4.3		6.2		4.3		1.7		0.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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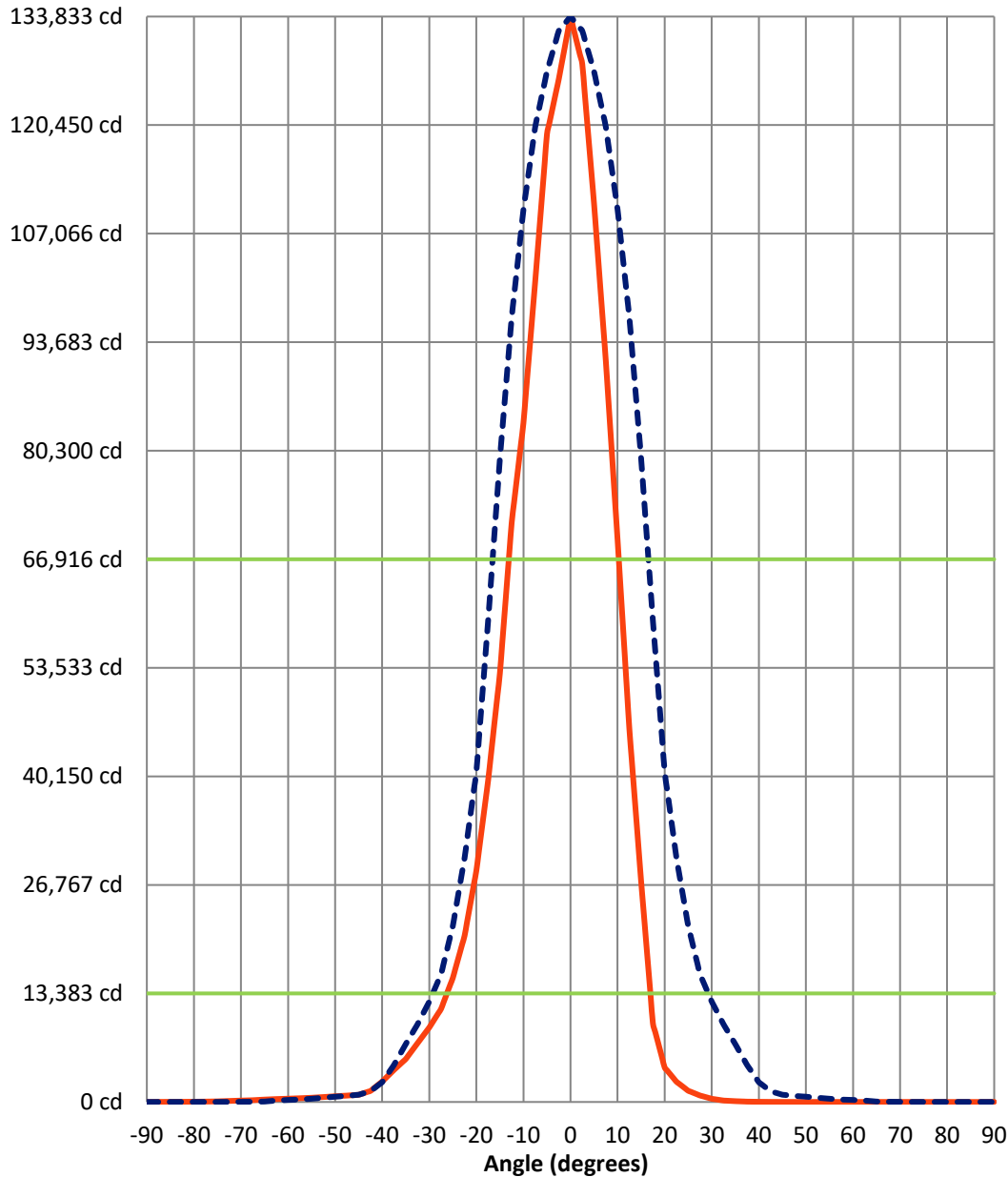
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 23.4°
 Lumens: 17875.6
 Efficiency: 50.6%

Field:
 H Angle: 58.5°
 V Angle: 43.2°
 Lumens: 30468.7
 Efficiency: 86.2%

Spill:
 Lumens: 4860.9
 Efficiency: 13.8%

— 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°	4.9	5.5	6.1	5.8	5.5	5.2	4.9	5.2	5.5	5.8	6.1
87.5°	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.1	5.0	4.9
85°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.4	5.3	5.1	4.9
82.5°	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.7	5.5	5.3	5.2
80°	4.9	5.1	5.3	5.5	5.7	5.9	6.1	5.9	5.7	5.7	5.7
77.5°	4.9	5.2	5.4	5.7	5.9	6.1	6.1	6.0	5.9	6.0	6.1
75°	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	4.9	5.3	5.6	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	4.9	5.3	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	4.9	5.4	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	4.9	5.4	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	4.9	5.5	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	4.9	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	4.9	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
55°	4.9	5.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
52.5°	4.9	5.6	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
50°	4.9	5.7	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.6
47.5°	4.9	5.7	6.1	6.1	6.1	6.1	6.1	6.3	6.1	6.1	7.2
45°	4.9	5.7	6.1	6.1	6.1	6.1	6.2	6.4	6.2	6.5	7.6
42.5°	4.9	5.8	6.1	6.1	6.1	6.1	6.3	6.5	6.2	6.8	7.9
40°	4.9	5.8	6.1	6.1	6.1	6.1	6.5	6.5	6.4	7.1	8.2
37.5°	4.9	5.9	6.1	6.1	6.1	6.1	6.6	6.6	6.8	7.5	8.4
35°	4.9	5.9	6.1	6.1	6.1	6.2	6.8	6.7	7.1	8.1	8.6
32.5°	4.9	5.9	6.1	6.1	6.1	6.3	6.9	6.7	7.4	8.7	9.5
30°	4.9	5.9	6.1	6.1	6.1	6.4	7.0	6.9	7.7	9.5	10.6
27.5°	4.9	6.0	6.1	6.1	6.1	6.6	7.1	7.1	8.2	10.4	11.8
25°	4.9	6.0	6.1	6.1	6.1	6.7	7.1	7.4	8.8	11.4	13.1
22.5°	4.9	6.0	6.1	6.1	6.1	6.8	7.2	7.6	9.6	12.4	15.7
20°	4.9	6.0	6.1	6.1	6.1	6.9	7.3	7.8	10.3	13.5	18.4
17.5°	4.9	6.0	6.1	6.1	6.1	7.0	7.4	8.0	11.1	14.7	21.3
15°	4.9	6.1	6.1	6.1	6.1	7.1	7.5	8.4	11.9	15.9	24.3
12.5°	4.9	6.1	6.1	6.1	6.1	7.2	7.6	9.0	13.0	17.1	27.2
10°	4.9	6.1	6.1	6.1	6.1	7.2	7.8	9.6	14.4	19.6	31.1
7.5°	4.9	6.1	6.1	6.1	6.1	7.2	8.0	10.3	15.8	22.4	36.9
5°	4.9	6.1	6.1	6.1	6.1	7.3	8.2	11.0	17.1	25.1	42.7
2.5°	4.9	6.1	6.1	6.1	6.1	7.3	8.3	11.6	18.3	27.9	48.4
0°	4.9	6.1	6.1	6.1	6.1	7.3	8.5	12.2	19.5	30.5	53.7
-2.5°	4.9	6.1	6.1	6.1	6.1	7.4	9.3	13.9	23.0	37.0	63.4
-5°	4.9	6.1	6.1	6.1	6.1	7.5	10.1	15.5	26.3	43.1	72.5
-7.5°	4.9	6.1	6.1	6.1	6.1	7.6	10.8	17.0	29.3	48.7	80.7
-10°	4.9	6.1	6.1	6.1	6.1	7.7	11.4	18.4	32.0	53.6	87.9
-12.5°	4.9	6.1	6.1	6.1	6.1	7.7	12.0	19.5	34.2	57.9	94.3
-15°	4.9	6.1	6.1	6.1	6.1	7.7	12.3	20.5	36.3	62.0	99.6
-17.5°	4.9	6.1	6.1	6.1	6.1	7.7	12.6	21.4	38.2	65.1	103.6
-20°	4.9	6.0	6.1	6.1	6.1	7.7	12.8	22.4	39.4	67.1	106.0



REPORT NUMBER: P1306003 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.9	6.0	6.1	6.1	6.1	7.6	13.0	23.0	39.9	68.0	106.9
-25°	4.9	6.0	6.1	6.1	6.1	7.6	13.1	23.3	39.4	67.7	106.2
-27.5°	4.9	6.0	6.1	6.1	6.1	7.6	12.9	23.3	38.1	66.5	105.6
-30°	4.9	6.0	6.1	6.1	6.1	7.5	12.4	22.9	37.3	64.9	103.3
-32.5°	4.9	6.0	6.1	6.1	6.2	7.3	11.7	22.3	36.7	62.1	99.3
-35°	4.9	5.9	6.1	6.1	6.3	7.0	11.2	21.4	35.6	57.9	93.4
-37.5°	4.9	5.9	6.1	6.1	6.4	6.7	10.9	20.1	34.0	52.4	84.2
-40°	4.9	5.9	6.1	6.1	6.5	6.8	10.3	18.4	31.9	48.9	74.9
-42.5°	4.9	5.9	6.1	6.1	6.5	6.9	9.6	16.3	29.4	44.9	65.0
-45°	4.9	5.9	6.1	6.1	6.6	7.0	8.8	14.4	26.5	40.2	55.2
-47.5°	4.9	5.9	6.1	6.2	6.6	7.1	7.8	13.1	23.0	35.1	49.3
-50°	4.9	5.8	6.1	6.2	6.6	7.2	7.7	11.7	18.6	30.0	42.9
-52.5°	4.9	5.8	6.1	6.2	6.6	7.3	7.8	10.0	15.6	24.6	36.1
-55°	4.9	5.8	6.1	6.2	6.6	7.3	7.9	8.4	13.3	18.9	29.6
-57.5°	4.9	5.8	6.1	6.2	6.6	7.2	8.0	8.5	11.0	15.6	22.7
-60°	4.9	5.8	6.1	6.2	6.5	7.1	8.0	8.5	9.1	13.0	17.0
-62.5°	4.9	5.7	6.1	6.2	6.5	7.1	7.9	8.5	9.0	10.4	14.2
-65°	4.9	5.7	6.1	6.2	6.4	6.9	7.7	8.4	8.8	9.5	11.4
-67.5°	4.9	5.7	6.1	6.1	6.4	6.8	7.5	8.1	8.5	9.0	10.0
-70°	4.9	5.7	6.1	6.1	6.3	6.7	7.2	7.7	8.1	8.5	9.2
-72.5°	4.9	5.7	6.1	6.1	6.2	6.5	7.0	7.4	7.7	8.1	8.4
-75°	4.9	5.6	6.1	6.0	6.1	6.3	6.7	7.0	7.3	7.6	7.9
-77.5°	4.9	5.6	6.1	6.0	6.0	6.2	6.4	6.7	6.9	7.2	7.4
-80°	4.9	5.6	6.1	6.0	5.9	6.0	6.1	6.3	6.5	6.7	6.9
-82.5°	4.9	5.6	6.1	5.9	5.8	5.8	5.8	6.0	6.1	6.3	6.4
-85°	4.9	5.6	6.1	5.9	5.7	5.6	5.5	5.7	5.9	6.0	6.1
-87.5°	4.9	5.5	6.1	5.8	5.6	5.4	5.2	5.5	5.7	5.9	6.1
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



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 CATALOG NUMBER: EPH-08-320N-40-70-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.6	4.5
82.5°	5.3	5.2	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
80°	5.7	5.5	5.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	5.9	5.6	5.3	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
75°	5.9	5.6	5.3	5.0	4.9	4.9	4.9	5.2	5.3	5.3	5.2
72.5°	5.9	5.6	5.3	5.1	5.2	5.4	5.7	6.0	6.3	6.4	6.6
70°	6.0	5.7	5.6	5.6	5.9	6.2	6.7	7.4	8.0	8.5	9.3
67.5°	6.0	5.9	5.9	6.2	6.6	7.2	7.9	9.5	11.2	12.2	13.2
65°	6.1	6.1	6.2	6.6	7.2	8.8	10.6	12.5	15.5	17.3	18.1
62.5°	6.1	6.2	6.5	7.4	9.1	11.0	13.5	16.9	21.0	23.8	23.9
60°	6.1	6.2	7.2	9.0	10.9	13.3	16.7	21.2	27.2	31.7	28.9
57.5°	6.1	6.8	8.5	10.4	12.5	15.2	19.5	25.4	31.1	37.1	31.8
55°	6.4	7.8	9.5	11.4	13.8	16.7	21.2	26.2	32.4	34.2	28.2
52.5°	7.2	8.6	10.1	12.2	14.8	17.4	20.2	24.5	26.5	26.8	22.4
50°	7.9	9.0	10.4	12.7	15.2	17.1	17.7	20.2	20.4	18.5	16.0
47.5°	8.4	9.4	10.5	12.9	15.2	16.4	16.1	15.5	14.2	13.1	10.2
45°	8.7	9.8	10.8	13.2	15.1	15.5	14.1	11.2	11.7	10.4	9.6
42.5°	9.0	10.1	11.7	13.6	14.9	14.7	12.7	11.8	11.0	10.7	10.4
40°	9.3	10.5	12.9	14.5	14.9	14.4	14.5	13.8	11.9	12.7	12.8
37.5°	9.6	11.7	14.5	17.0	15.4	16.2	17.3	17.6	16.5	16.1	17.8
35°	9.9	12.9	17.8	20.5	19.0	19.6	21.9	22.8	23.1	23.0	24.2
32.5°	10.7	14.3	22.1	24.8	25.5	25.9	27.5	29.8	32.5	33.6	32.2
30°	12.4	18.3	27.1	29.9	33.1	37.6	36.6	38.4	44.4	46.8	49.1
27.5°	15.2	23.5	32.0	36.9	42.6	52.9	56.6	52.8	58.0	62.8	70.2
25°	18.4	36.7	37.6	44.8	57.5	73.1	83.1	87.4	76.0	84.5	104.2
22.5°	25.5	53.9	57.4	53.3	74.8	97.9	117.6	128.1	126.8	118.6	145.1
20°	38.1	71.3	80.6	82.3	98.8	126.4	157.0	174.9	191.9	221.4	299.0
17.5°	52.8	90.6	105.2	120.0	149.9	174.4	200.6	227.2	267.4	355.2	618.4
15°	69.1	111.5	130.9	160.9	205.4	246.4	278.4	302.2	373.3	557.3	1022.7
12.5°	86.6	133.4	157.5	204.2	263.9	322.2	367.5	415.6	535.0	897.0	1665.5
10°	104.5	156.0	184.5	249.0	324.4	400.3	459.1	531.5	718.2	1281.5	2367.1
7.5°	124.4	180.1	212.1	294.2	385.6	479.5	552.0	648.3	905.1	1670.2	3073.1
5°	143.7	205.3	241.4	333.3	437.1	549.2	638.6	763.8	1090.0	2046.8	3759.2
2.5°	161.5	229.7	270.2	369.0	480.4	602.0	697.8	832.9	1218.0	2294.3	4264.2
0°	177.1	252.8	298.0	401.8	520.2	650.9	753.5	896.4	1321.3	2443.6	4566.0
-2.5°	183.1	261.7	309.4	410.1	525.8	659.2	763.7	901.9	1353.0	2504.2	4610.5
-5°	186.4	268.5	319.4	415.5	527.7	662.4	769.7	901.8	1345.1	2451.7	4393.7
-7.5°	187.5	273.1	327.9	416.2	517.8	641.1	739.6	854.5	1239.1	2235.0	3926.5
-10°	186.4	272.4	325.3	400.8	491.9	603.8	699.3	802.8	1116.9	1963.1	3406.9
-12.5°	183.0	267.4	320.5	384.6	465.1	563.7	657.0	747.7	981.1	1639.4	2871.8
-15°	178.4	261.6	315.4	368.1	438.1	521.5	613.3	689.8	839.9	1294.1	2340.6
-17.5°	173.0	255.0	310.3	352.0	411.7	477.8	570.6	641.5	735.7	1074.0	1913.1
-20°	167.0	248.1	305.5	336.6	387.1	444.7	529.4	601.5	681.2	900.4	1454.8



REPORT NUMBER: P1306003 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	160.7	241.0	298.5	328.0	371.0	421.9	488.0	559.2	625.8	708.9	1065.7
-25°	157.5	230.6	288.1	322.2	355.9	399.7	448.0	514.8	574.3	654.1	860.0
-27.5°	156.0	220.8	275.9	315.6	341.3	379.6	419.5	471.1	539.1	609.7	684.3
-30°	152.4	206.3	263.3	306.5	331.9	363.1	396.6	440.4	505.4	570.5	636.4
-32.5°	143.4	190.9	247.1	292.0	323.4	347.6	380.1	420.2	472.5	532.3	591.5
-35°	131.9	177.4	228.7	277.4	313.6	337.1	366.7	401.2	442.0	495.6	558.9
-37.5°	120.3	162.4	209.5	260.0	297.8	328.8	352.4	383.7	419.2	461.7	524.0
-40°	107.4	146.0	191.1	238.4	282.7	316.7	343.0	366.7	397.4	439.1	483.6
-42.5°	93.6	130.3	171.6	215.8	260.0	299.0	332.3	354.6	380.7	416.8	457.5
-45°	81.8	113.2	150.9	191.7	233.2	276.2	311.6	344.2	367.9	395.3	431.5
-47.5°	69.4	96.0	130.3	166.0	205.0	245.3	286.8	321.3	354.8	379.8	405.4
-50°	57.8	81.6	108.0	141.1	175.6	213.0	251.7	292.6	327.7	360.1	388.0
-52.5°	50.0	66.5	89.8	116.0	147.0	179.5	215.7	253.1	291.9	328.7	357.7
-55°	41.5	55.5	72.0	94.2	119.1	147.7	178.8	213.3	247.4	283.5	316.6
-57.5°	33.3	45.4	58.2	73.7	94.7	117.1	144.5	173.2	204.5	235.3	261.7
-60°	25.2	35.6	47.1	58.7	71.5	91.1	111.0	135.2	161.7	187.4	210.5
-62.5°	17.7	26.3	36.3	46.7	57.1	67.2	83.2	101.3	119.4	141.0	161.3
-65°	14.7	18.4	25.6	34.8	44.2	53.7	62.8	71.7	86.7	102.0	116.2
-67.5°	11.7	14.9	18.3	22.9	31.1	39.5	48.2	56.4	64.3	72.0	81.0
-70°	10.3	11.7	14.3	17.4	20.5	24.7	32.1	39.7	47.5	55.4	62.2
-72.5°	9.3	10.6	11.8	13.0	15.6	18.2	20.8	23.3	28.2	35.0	41.9
-75°	8.5	9.5	10.6	11.8	12.8	13.9	15.3	17.5	19.7	22.0	24.4
-77.5°	7.8	8.4	9.3	10.3	11.3	12.1	13.0	14.0	15.1	16.2	17.3
-80°	7.1	7.3	7.7	8.3	9.1	9.9	10.7	11.5	12.2	13.0	13.8
-82.5°	6.6	6.7	6.8	7.0	7.3	7.7	8.3	8.9	9.3	9.8	10.2
-85°	6.1	6.1	6.2	6.3	6.4	6.6	6.8	7.1	7.2	7.4	7.5
-87.5°	5.9	5.8	5.7	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.9	5.5	6.1	6.7	7.3	7.9	8.5	9.2	9.8	10.4	11.0
87.5°	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.7	2.4	2.1	1.8
85°	4.5	4.3	4.1	3.9	3.7	3.4	3.1	2.7	2.4	2.1	1.8
82.5°	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.7	2.4	2.1	1.8
80°	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.4	2.1	1.8
77.5°	4.9	4.7	4.4	4.1	3.8	3.4	3.1	2.8	2.4	2.4	2.4
75°	5.0	4.8	4.7	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.0
72.5°	6.7	6.7	6.5	6.4	6.0	5.7	5.5	5.2	4.8	4.5	4.2
70°	10.0	10.4	10.1	9.4	8.3	7.5	7.0	6.5	6.0	5.5	5.0
67.5°	13.9	13.9	12.9	11.6	9.9	8.3	7.7	7.0	6.4	6.0	6.0
65°	18.0	16.8	15.1	13.0	10.7	8.4	7.8	7.1	6.5	6.1	6.1
62.5°	22.6	18.8	15.2	12.5	10.3	8.4	7.5	6.7	5.8	5.2	5.1
60°	24.3	18.0	13.0	10.8	9.0	7.5	6.6	5.9	5.3	4.9	4.9
57.5°	23.5	16.1	10.4	8.7	7.3	6.4	5.7	5.2	4.6	4.1	4.0
55°	20.0	13.1	7.8	6.7	6.0	5.4	4.8	4.4	4.1	3.7	3.7
52.5°	14.7	10.0	7.0	5.9	5.6	5.2	4.9	4.7	4.6	4.5	4.4
50°	10.8	7.8	6.7	6.0	5.8	5.8	5.9	5.9	5.8	5.7	5.5
47.5°	8.8	7.6	6.8	6.2	6.3	6.9	7.1	7.1	7.0	6.9	6.7
45°	8.4	7.8	7.4	7.8	8.2	8.5	8.5	8.3	8.7	8.9	8.7
42.5°	9.3	9.4	10.1	10.7	10.3	11.0	11.8	11.7	12.3	12.8	12.8
40°	13.1	12.8	14.7	15.3	15.5	16.3	18.3	18.1	19.1	21.7	22.2
37.5°	18.8	19.9	21.2	22.4	25.6	27.7	31.8	35.1	36.8	41.7	45.5
35°	26.6	29.3	30.0	36.5	43.1	49.4	55.2	62.0	65.0	75.8	83.4
32.5°	37.7	43.2	50.6	61.3	74.0	89.0	88.3	111.2	119.5	141.8	167.5
30°	52.7	68.0	92.4	109.4	140.4	164.9	177.2	213.0	261.0	306.9	369.4
27.5°	85.7	118.0	162.2	220.4	250.7	287.5	343.2	385.9	495.5	600.3	677.1
25°	147.4	215.2	298.5	384.5	438.3	486.5	588.3	662.9	818.3	935.0	1101.5
22.5°	281.9	426.8	532.2	596.0	711.5	862.5	935.9	1141.1	1371.6	1665.8	1909.0
20°	475.1	703.0	937.9	1081.3	1213.2	1546.6	1692.7	2077.3	2567.2	3120.9	3582.5
17.5°	929.7	1137.9	1616.1	2082.0	2432.6	2761.7	3685.6	4345.7	5626.6	7194.3	7917.4
15°	1668.2	2250.1	2808.1	3653.3	4547.8	5542.9	6992.7	9495.9	12639.8	16068.0	19776.1
12.5°	2704.4	3766.6	4764.8	5828.7	7109.2	9554.4	12860.1	17231.9	22880.9	28941.8	35939.9
10°	3868.4	5485.0	6943.1	8549.3	10823.0	14455.7	19355.3	26099.5	36159.6	46442.7	55362.4
7.5°	4910.9	6868.8	8846.5	11171.4	14775.5	19963.8	27012.9	37543.0	50680.5	63406.0	74256.6
5°	5909.9	8197.1	10451.3	13222.4	17764.6	24535.8	33658.7	48104.9	64712.9	78832.9	90724.6
2.5°	6688.3	9236.4	11816.1	15075.1	20257.4	27961.5	38323.5	55808.5	75853.6	91513.3	105110.8
0°	7134.2	9577.8	12378.0	15754.6	21717.7	30109.7	40736.5	59354.8	79317.7	96720.3	110008.7
-2.5°	7046.9	9607.4	12470.2	15886.1	21538.2	29595.2	40071.0	57831.5	77700.6	93388.9	106265.1
-5°	6602.0	8944.7	11468.6	14465.5	19452.8	26794.4	37080.1	53770.2	72209.8	87901.8	100988.5
-7.5°	5908.3	7979.9	10177.1	12785.6	17003.4	23391.6	32232.9	45228.1	61565.8	75777.8	85586.5
-10°	5151.1	6974.0	8956.7	11317.3	14644.0	19652.0	26350.9	35738.4	49100.6	60943.1	70041.4
-12.5°	4433.3	6090.4	7815.2	9786.3	12304.3	16248.8	21340.1	28348.6	36962.1	46696.8	55990.3
-15°	3744.8	5200.1	6705.2	8529.7	10719.5	13395.7	16818.4	21533.8	27192.8	33573.2	40456.0
-17.5°	3089.4	4367.2	5783.3	7376.4	9186.0	11230.6	14101.1	17334.6	20927.2	25084.4	29025.8
-20°	2423.7	3604.4	4889.3	6307.6	7931.2	9795.1	11837.7	14266.5	16865.7	19706.1	22654.5



REPORT NUMBER: P1306003 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1849.8	2855.9	3980.1	5271.4	6795.7	8438.7	10023.0	11617.3	13540.2	15413.4	17294.8
-25°	1295.3	2093.2	3142.9	4377.2	5671.5	7044.7	8220.6	9344.3	10679.7	11880.6	13131.3
-27.5°	952.7	1500.8	2369.0	3463.7	4624.4	5566.3	6556.3	7478.0	8445.0	9207.2	10088.1
-30°	726.5	1042.1	1687.2	2541.1	3472.4	4293.1	5057.1	5891.8	6686.9	7348.6	7902.5
-32.5°	662.6	782.8	1109.4	1704.2	2377.4	3105.6	3766.7	4493.2	5160.1	5710.5	6151.4
-35°	622.7	687.9	783.1	1083.4	1478.1	2053.0	2604.6	3199.6	3752.4	4206.5	4571.6
-37.5°	588.7	645.9	702.0	758.5	975.9	1218.4	1616.5	2047.2	2420.7	2835.8	3159.9
-40°	546.4	610.7	656.1	702.4	754.7	815.3	1025.3	1214.0	1425.1	1718.3	1960.9
-42.5°	500.0	554.3	610.8	656.2	696.5	739.3	786.9	834.0	931.1	1054.3	1154.6
-45°	469.6	505.3	546.4	597.9	645.0	680.7	716.0	750.3	782.7	811.9	836.3
-47.5°	436.8	467.1	500.4	535.9	570.7	610.4	647.6	678.6	703.2	726.7	747.7
-50°	407.6	430.0	458.1	485.7	513.1	541.3	569.1	593.1	616.8	638.2	659.1
-52.5°	384.0	402.9	421.3	439.8	462.1	483.8	504.4	522.8	539.7	554.4	569.8
-55°	344.2	368.0	391.6	408.1	422.2	435.8	449.3	464.6	478.0	489.5	500.3
-57.5°	290.2	319.0	345.3	364.6	382.8	400.0	411.9	420.7	429.2	437.3	444.6
-60°	232.9	254.5	279.7	304.4	327.2	347.8	361.2	372.5	382.1	390.1	397.3
-62.5°	180.0	198.5	219.1	239.0	257.3	275.5	293.2	308.6	321.8	333.0	342.2
-65°	131.1	147.3	164.8	181.7	197.9	213.8	228.5	241.8	253.9	264.7	274.7
-67.5°	93.3	105.2	117.9	129.3	142.2	156.2	170.0	182.4	193.4	202.1	208.6
-70°	68.6	75.4	83.7	93.6	104.2	114.3	124.2	133.7	142.8	150.6	157.7
-72.5°	48.8	55.7	62.4	68.6	75.2	81.8	88.5	95.6	102.7	108.7	114.0
-75°	26.7	30.2	35.8	41.3	46.6	51.6	56.1	60.1	63.5	66.4	68.8
-77.5°	19.0	21.2	23.6	25.9	28.1	30.7	33.5	36.3	39.1	41.3	43.4
-80°	14.7	15.9	17.3	18.8	20.3	22.1	24.0	25.9	27.8	29.2	30.5
-82.5°	10.7	11.7	12.6	13.6	14.5	15.6	16.8	17.9	19.0	19.8	20.5
-85°	7.6	8.2	8.9	9.6	10.3	11.3	12.4	13.4	14.4	15.1	15.8
-87.5°	5.9	6.3	6.6	7.0	7.3	8.2	9.1	10.0	11.0	11.3	11.6
-90°	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.7	2.4	2.1	1.8



REPORT NUMBER: P1306003 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	11.6	12.2	12.2	12.2	12.2	12.2	11.6	11.0	10.4	9.8	9.2
87.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.8
77.5°	2.4	2.4	1.8	1.2	1.8	2.4	2.4	2.4	2.4	2.4	2.8
75°	2.7	2.4	1.8	1.2	1.8	2.4	2.7	3.0	3.3	3.5	3.7
72.5°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.2	4.5	4.8	5.2
70°	4.4	3.8	3.7	3.7	3.7	3.8	4.4	5.0	5.5	6.0	6.5
67.5°	6.0	6.0	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.4	7.0
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.5	7.1
62.5°	5.0	5.0	4.9	4.9	4.9	5.0	5.0	5.1	5.2	5.8	6.7
60°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.3	5.9
57.5°	3.8	3.8	3.7	3.7	3.7	3.8	3.8	4.0	4.1	4.6	5.2
55°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.1	4.4
52.5°	4.2	3.8	3.7	3.7	3.7	3.8	4.2	4.4	4.5	4.6	4.7
50°	5.3	5.0	4.9	4.9	4.9	5.0	5.3	5.5	5.7	5.8	5.9
47.5°	6.5	6.2	6.1	6.1	6.1	6.2	6.5	6.7	6.9	7.0	7.1
45°	8.3	7.7	7.3	7.3	7.3	7.7	8.3	8.7	8.9	8.7	8.3
42.5°	12.7	12.3	12.1	12.2	12.1	12.3	12.7	12.8	12.8	12.3	11.7
40°	23.2	23.8	24.1	24.4	24.1	23.8	23.2	22.2	21.7	19.1	18.1
37.5°	47.6	46.7	44.6	45.2	44.6	46.7	47.6	45.5	41.7	36.8	35.1
35°	88.4	93.7	97.4	100.1	97.4	93.7	88.4	83.4	75.8	65.0	62.0
32.5°	177.0	184.2	182.1	178.3	182.1	184.2	177.0	167.5	141.8	119.5	111.2
30°	406.2	427.5	421.8	396.9	421.8	427.5	406.2	369.4	306.9	261.0	213.0
27.5°	732.4	783.6	817.1	799.9	817.1	783.6	732.4	677.1	600.3	495.5	385.9
25°	1245.1	1344.6	1415.8	1386.1	1415.8	1344.6	1245.1	1101.5	935.0	818.3	662.9
22.5°	2213.9	2377.3	2474.4	2499.8	2474.4	2377.3	2213.9	1909.0	1665.8	1371.6	1141.1
20°	4163.0	4293.3	4319.1	4254.6	4319.1	4293.3	4163.0	3582.5	3120.9	2567.2	2077.3
17.5°	10016.8	10618.4	10177.4	9714.6	10177.4	10618.4	10016.8	7917.4	7194.3	5626.6	4345.7
15°	22913.8	25454.5	26901.9	27197.2	26901.9	25454.5	22913.8	19776.1	16068.0	12639.8	9495.9
12.5°	40375.5	44469.9	46159.6	46001.7	46159.6	44469.9	40375.5	35939.9	28941.8	22880.9	17231.9
10°	61084.1	65461.5	69227.9	69266.0	69227.9	65461.5	61084.1	55362.4	46442.7	36159.6	26099.5
7.5°	81787.9	86836.2	90379.5	91390.4	90379.5	86836.2	81787.9	74256.6	63406.0	50680.5	37543.0
5°	99912.8	106162.9	109680.6	110754.8	109680.6	106162.9	99912.8	90724.6	78832.9	64712.9	48104.9
2.5°	115848.1	123504.7	127362.9	127962.7	127362.9	123504.7	115848.1	105110.8	91513.3	75853.6	55808.5
0°	120232.5	127057.7	132054.3	133832.9	132054.3	127057.7	120232.5	110008.7	96720.3	79317.7	59354.8
-2.5°	115910.1	121881.5	124859.4	126101.5	124859.4	121881.5	115910.1	106265.1	93388.9	77700.6	57831.5
-5°	109077.9	114650.5	118443.2	119321.5	118443.2	114650.5	109077.9	100988.5	87901.8	72209.8	53770.2
-7.5°	92055.8	97540.9	99245.0	101177.0	99245.0	97540.9	92055.8	85586.5	75777.8	61565.8	45228.1
-10°	76914.4	81181.4	82355.0	83723.7	82355.0	81181.4	76914.4	70041.4	60943.1	49100.6	35738.4
-12.5°	63640.1	67866.7	69780.1	71417.7	69780.1	67866.7	63640.1	55990.3	46696.8	36962.1	28348.6
-15°	46625.0	50597.5	51969.7	52855.6	51969.7	50597.5	46625.0	40456.0	33573.2	27192.8	21533.8
-17.5°	33774.3	36799.8	38597.6	39639.9	38597.6	36799.8	33774.3	29025.8	25084.4	20927.2	17334.6
-20°	25246.2	26980.0	28372.7	28525.8	28372.7	26980.0	25246.2	22654.5	19706.1	16865.7	14266.5



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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°	18871.1	19903.8	20544.9	20506.3	20544.9	19903.8	18871.1	17294.8	15413.4	13540.2	11617.3
-25°	14085.1	14779.4	15221.0	15300.3	15221.0	14779.4	14085.1	13131.3	11880.6	10679.7	9344.3
-27.5°	10718.8	11207.6	11460.8	11474.3	11460.8	11207.6	10718.8	10088.1	9207.2	8445.0	7478.0
-30°	8304.4	8711.5	8981.5	9188.3	8981.5	8711.5	8304.4	7902.5	7348.6	6686.9	5891.8
-32.5°	6521.9	6869.5	7105.1	7245.3	7105.1	6869.5	6521.9	6151.4	5710.5	5160.1	4493.2
-35°	4889.5	5167.8	5334.3	5292.6	5334.3	5167.8	4889.5	4571.6	4206.5	3752.4	3199.6
-37.5°	3445.4	3681.3	3849.2	3955.4	3849.2	3681.3	3445.4	3159.9	2835.8	2420.7	2047.2
-40°	2171.0	2334.1	2450.2	2524.2	2450.2	2334.1	2171.0	1960.9	1718.3	1425.1	1214.0
-42.5°	1236.4	1297.4	1338.5	1360.4	1338.5	1297.4	1236.4	1154.6	1054.3	931.1	834.0
-45°	855.1	870.3	881.4	887.8	881.4	870.3	855.1	836.3	811.9	782.7	750.3
-47.5°	764.1	776.6	784.7	788.9	784.7	776.6	764.1	747.7	726.7	703.2	678.6
-50°	677.9	693.2	702.4	705.8	702.4	693.2	677.9	659.1	638.2	616.8	593.1
-52.5°	584.2	596.6	604.9	609.4	604.9	596.6	584.2	569.8	554.4	539.7	522.8
-55°	509.7	517.7	521.8	522.7	521.8	517.7	509.7	500.3	489.5	478.0	464.6
-57.5°	450.9	455.9	460.0	462.8	460.0	455.9	450.9	444.6	437.3	429.2	420.7
-60°	403.0	407.4	409.7	410.3	409.7	407.4	403.0	397.3	390.1	382.1	372.5
-62.5°	349.4	354.6	358.7	361.5	358.7	354.6	349.4	342.2	333.0	321.8	308.6
-65°	283.7	291.6	295.8	298.0	295.8	291.6	283.7	274.7	264.7	253.9	241.8
-67.5°	213.8	217.8	218.8	218.6	218.8	217.8	213.8	208.6	202.1	193.4	182.4
-70°	164.2	170.2	172.4	173.4	172.4	170.2	164.2	157.7	150.6	142.8	133.7
-72.5°	118.7	123.0	125.4	127.0	125.4	123.0	118.7	114.0	108.7	102.7	95.6
-75°	70.9	72.6	73.7	74.5	73.7	72.6	70.9	68.8	66.4	63.5	60.1
-77.5°	45.4	47.2	48.1	48.8	48.1	47.2	45.4	43.4	41.3	39.1	36.3
-80°	31.7	32.8	33.0	33.0	33.0	32.8	31.7	30.5	29.2	27.8	25.9
-82.5°	21.2	21.9	22.0	22.0	22.0	21.9	21.2	20.5	19.8	19.0	17.9
-85°	16.4	17.1	17.1	17.1	17.1	17.1	16.4	15.8	15.1	14.4	13.4
-87.5°	11.9	12.2	12.8	13.4	12.8	12.2	11.9	11.6	11.3	11.0	10.0
-90°	1.5	1.2	0.6	0.0	0.6	1.2	1.5	1.8	2.1	2.4	2.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.5	7.9	7.3	6.7	6.1	5.5	4.9	4.9	4.9	4.9	4.9
87.5°	3.1	3.4	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9
85°	3.1	3.4	3.7	3.9	4.1	4.3	4.5	4.5	4.6	4.7	4.9
82.5°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9
80°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9	4.9
77.5°	3.1	3.4	3.8	4.1	4.4	4.7	4.9	4.9	4.9	4.9	4.9
75°	3.9	4.1	4.3	4.6	4.7	4.8	5.0	5.2	5.3	5.3	5.2
72.5°	5.5	5.7	6.0	6.4	6.5	6.7	6.7	6.6	6.4	6.3	6.0
70°	7.0	7.5	8.3	9.4	10.1	10.4	10.0	9.3	8.5	8.0	7.4
67.5°	7.7	8.3	9.9	11.6	12.9	13.9	13.9	13.2	12.2	11.2	9.5
65°	7.8	8.4	10.7	13.0	15.1	16.8	18.0	18.1	17.3	15.5	12.5
62.5°	7.5	8.4	10.3	12.5	15.2	18.8	22.6	23.9	23.8	21.0	16.9
60°	6.6	7.5	9.0	10.8	13.0	18.0	24.3	28.9	31.7	27.2	21.2
57.5°	5.7	6.4	7.3	8.7	10.4	16.1	23.5	31.8	37.1	31.1	25.4
55°	4.8	5.4	6.0	6.7	7.8	13.1	20.0	28.2	34.2	32.4	26.2
52.5°	4.9	5.2	5.6	5.9	7.0	10.0	14.7	22.4	26.8	26.5	24.5
50°	5.9	5.8	5.8	6.0	6.7	7.8	10.8	16.0	18.5	20.4	20.2
47.5°	7.1	6.9	6.3	6.2	6.8	7.6	8.8	10.2	13.1	14.2	15.5
45°	8.5	8.5	8.2	7.8	7.4	7.8	8.4	9.6	10.4	11.7	11.2
42.5°	11.8	11.0	10.3	10.7	10.1	9.4	9.3	10.4	10.7	11.0	11.8
40°	18.3	16.3	15.5	15.3	14.7	12.8	13.1	12.8	12.7	11.9	13.8
37.5°	31.8	27.7	25.6	22.4	21.2	19.9	18.8	17.8	16.1	16.5	17.6
35°	55.2	49.4	43.1	36.5	30.0	29.3	26.6	24.2	23.0	23.1	22.8
32.5°	88.3	89.0	74.0	61.3	50.6	43.2	37.7	32.2	33.6	32.5	29.8
30°	177.2	164.9	140.4	109.4	92.4	68.0	52.7	49.1	46.8	44.4	38.4
27.5°	343.2	287.5	250.7	220.4	162.2	118.0	85.7	70.2	62.8	58.0	52.8
25°	588.3	486.5	438.3	384.5	298.5	215.2	147.4	104.2	84.5	76.0	87.4
22.5°	935.9	862.5	711.5	596.0	532.2	426.8	281.9	145.1	118.6	126.8	128.1
20°	1692.7	1546.6	1213.2	1081.3	937.9	703.0	475.1	299.0	221.4	191.9	174.9
17.5°	3685.6	2761.7	2432.6	2082.0	1616.1	1137.9	929.7	618.4	355.2	267.4	227.2
15°	6992.7	5542.9	4547.8	3653.3	2808.1	2250.1	1668.2	1022.7	557.3	373.3	302.2
12.5°	12860.1	9554.4	7109.2	5828.7	4764.8	3766.6	2704.4	1665.5	897.0	535.0	415.6
10°	19355.3	14455.7	10823.0	8549.3	6943.1	5485.0	3868.4	2367.1	1281.5	718.2	531.5
7.5°	27012.9	19963.8	14775.5	11171.4	8846.5	6868.8	4910.9	3073.1	1670.2	905.1	648.3
5°	33658.7	24535.8	17764.6	13222.4	10451.3	8197.1	5909.9	3759.2	2046.8	1090.0	763.8
2.5°	38323.5	27961.5	20257.4	15075.1	11816.1	9236.4	6688.3	4264.2	2294.3	1218.0	832.9
0°	40736.5	30109.7	21717.7	15754.6	12378.0	9577.8	7134.2	4566.0	2443.6	1321.3	896.4
-2.5°	40071.0	29595.2	21538.2	15886.1	12470.2	9607.4	7046.9	4610.5	2504.2	1353.0	901.9
-5°	37080.1	26794.4	19452.8	14465.5	11468.6	8944.7	6602.0	4393.7	2451.7	1345.1	901.8
-7.5°	32232.9	23391.6	17003.4	12785.6	10177.1	7979.9	5908.3	3926.5	2235.0	1239.1	854.5
-10°	26350.9	19652.0	14644.0	11317.3	8956.7	6974.0	5151.1	3406.9	1963.1	1116.9	802.8
-12.5°	21340.1	16248.8	12304.3	9786.3	7815.2	6090.4	4433.3	2871.8	1639.4	981.1	747.7
-15°	16818.4	13395.7	10719.5	8529.7	6705.2	5200.1	3744.8	2340.6	1294.1	839.9	689.8
-17.5°	14101.1	11230.6	9186.0	7376.4	5783.3	4367.2	3089.4	1913.1	1074.0	735.7	641.5
-20°	11837.7	9795.1	7931.2	6307.6	4889.3	3604.4	2423.7	1454.8	900.4	681.2	601.5



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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°	10023.0	8438.7	6795.7	5271.4	3980.1	2855.9	1849.8	1065.7	708.9	625.8	559.2
-25°	8220.6	7044.7	5671.5	4377.2	3142.9	2093.2	1295.3	860.0	654.1	574.3	514.8
-27.5°	6556.3	5566.3	4624.4	3463.7	2369.0	1500.8	952.7	684.3	609.7	539.1	471.1
-30°	5057.1	4293.1	3472.4	2541.1	1687.2	1042.1	726.5	636.4	570.5	505.4	440.4
-32.5°	3766.7	3105.6	2377.4	1704.2	1109.4	782.8	662.6	591.5	532.3	472.5	420.2
-35°	2604.6	2053.0	1478.1	1083.4	783.1	687.9	622.7	558.9	495.6	442.0	401.2
-37.5°	1616.5	1218.4	975.9	758.5	702.0	645.9	588.7	524.0	461.7	419.2	383.7
-40°	1025.3	815.3	754.7	702.4	656.1	610.7	546.4	483.6	439.1	397.4	366.7
-42.5°	786.9	739.3	696.5	656.2	610.8	554.3	500.0	457.5	416.8	380.7	354.6
-45°	716.0	680.7	645.0	597.9	546.4	505.3	469.6	431.5	395.3	367.9	344.2
-47.5°	647.6	610.4	570.7	535.9	500.4	467.1	436.8	405.4	379.8	354.8	321.3
-50°	569.1	541.3	513.1	485.7	458.1	430.0	407.6	388.0	360.1	327.7	292.6
-52.5°	504.4	483.8	462.1	439.8	421.3	402.9	384.0	357.7	328.7	291.9	253.1
-55°	449.3	435.8	422.2	408.1	391.6	368.0	344.2	316.6	283.5	247.4	213.3
-57.5°	411.9	400.0	382.8	364.6	345.3	319.0	290.2	261.7	235.3	204.5	173.2
-60°	361.2	347.8	327.2	304.4	279.7	254.5	232.9	210.5	187.4	161.7	135.2
-62.5°	293.2	275.5	257.3	239.0	219.1	198.5	180.0	161.3	141.0	119.4	101.3
-65°	228.5	213.8	197.9	181.7	164.8	147.3	131.1	116.2	102.0	86.7	71.7
-67.5°	170.0	156.2	142.2	129.3	117.9	105.2	93.3	81.0	72.0	64.3	56.4
-70°	124.2	114.3	104.2	93.6	83.7	75.4	68.6	62.2	55.4	47.5	39.7
-72.5°	88.5	81.8	75.2	68.6	62.4	55.7	48.8	41.9	35.0	28.2	23.3
-75°	56.1	51.6	46.6	41.3	35.8	30.2	26.7	24.4	22.0	19.7	17.5
-77.5°	33.5	30.7	28.1	25.9	23.6	21.2	19.0	17.3	16.2	15.1	14.0
-80°	24.0	22.1	20.3	18.8	17.3	15.9	14.7	13.8	13.0	12.2	11.5
-82.5°	16.8	15.6	14.5	13.6	12.6	11.7	10.7	10.2	9.8	9.3	8.9
-85°	12.4	11.3	10.3	9.6	8.9	8.2	7.6	7.5	7.4	7.2	7.1
-87.5°	9.1	8.2	7.3	7.0	6.6	6.3	5.9	5.9	5.8	5.8	5.7
-90°	3.1	3.4	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.9	4.9	4.9	4.9	5.2	5.5	5.8	6.1	5.8	5.5	5.2
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.2
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.3	5.4
82.5°	4.9	4.9	4.9	4.9	5.1	5.2	5.3	5.2	5.3	5.5	5.7
80°	4.9	4.9	4.9	4.9	5.2	5.5	5.7	5.7	5.7	5.7	5.9
77.5°	4.9	4.9	4.9	5.0	5.3	5.6	5.9	6.1	6.0	5.9	6.0
75°	4.9	4.9	4.9	5.0	5.3	5.6	5.9	6.1	6.1	6.1	6.1
72.5°	5.7	5.4	5.2	5.1	5.3	5.6	5.9	6.1	6.1	6.1	6.1
70°	6.7	6.2	5.9	5.6	5.6	5.7	6.0	6.1	6.1	6.1	6.1
67.5°	7.9	7.2	6.6	6.2	5.9	5.9	6.0	6.1	6.1	6.1	6.1
65°	10.6	8.8	7.2	6.6	6.2	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	13.5	11.0	9.1	7.4	6.5	6.2	6.1	6.1	6.1	6.1	6.1
60°	16.7	13.3	10.9	9.0	7.2	6.2	6.1	6.1	6.1	6.1	6.1
57.5°	19.5	15.2	12.5	10.4	8.5	6.8	6.1	6.1	6.1	6.1	6.1
55°	21.2	16.7	13.8	11.4	9.5	7.8	6.4	6.1	6.1	6.1	6.1
52.5°	20.2	17.4	14.8	12.2	10.1	8.6	7.2	6.1	6.1	6.1	6.1
50°	17.7	17.1	15.2	12.7	10.4	9.0	7.9	6.6	6.1	6.1	6.2
47.5°	16.1	16.4	15.2	12.9	10.5	9.4	8.4	7.2	6.1	6.1	6.3
45°	14.1	15.5	15.1	13.2	10.8	9.8	8.7	7.6	6.5	6.2	6.4
42.5°	12.7	14.7	14.9	13.6	11.7	10.1	9.0	7.9	6.8	6.2	6.5
40°	14.5	14.4	14.9	14.5	12.9	10.5	9.3	8.2	7.1	6.4	6.5
37.5°	17.3	16.2	15.4	17.0	14.5	11.7	9.6	8.4	7.5	6.8	6.6
35°	21.9	19.6	19.0	20.5	17.8	12.9	9.9	8.6	8.1	7.1	6.7
32.5°	27.5	25.9	25.5	24.8	22.1	14.3	10.7	9.5	8.7	7.4	6.7
30°	36.6	37.6	33.1	29.9	27.1	18.3	12.4	10.6	9.5	7.7	6.9
27.5°	56.6	52.9	42.6	36.9	32.0	23.5	15.2	11.8	10.4	8.2	7.1
25°	83.1	73.1	57.5	44.8	37.6	36.7	18.4	13.1	11.4	8.8	7.4
22.5°	117.6	97.9	74.8	53.3	57.4	53.9	25.5	15.7	12.4	9.6	7.6
20°	157.0	126.4	98.8	82.3	80.6	71.3	38.1	18.4	13.5	10.3	7.8
17.5°	200.6	174.4	149.9	120.0	105.2	90.6	52.8	21.3	14.7	11.1	8.0
15°	278.4	246.4	205.4	160.9	130.9	111.5	69.1	24.3	15.9	11.9	8.4
12.5°	367.5	322.2	263.9	204.2	157.5	133.4	86.6	27.2	17.1	13.0	9.0
10°	459.1	400.3	324.4	249.0	184.5	156.0	104.5	31.1	19.6	14.4	9.6
7.5°	552.0	479.5	385.6	294.2	212.1	180.1	124.4	36.9	22.4	15.8	10.3
5°	638.6	549.2	437.1	333.3	241.4	205.3	143.7	42.7	25.1	17.1	11.0
2.5°	697.8	602.0	480.4	369.0	270.2	229.7	161.5	48.4	27.9	18.3	11.6
0°	753.5	650.9	520.2	401.8	298.0	252.8	177.1	53.7	30.5	19.5	12.2
-2.5°	763.7	659.2	525.8	410.1	309.4	261.7	183.1	63.4	37.0	23.0	13.9
-5°	769.7	662.4	527.7	415.5	319.4	268.5	186.4	72.5	43.1	26.3	15.5
-7.5°	739.6	641.1	517.8	416.2	327.9	273.1	187.5	80.7	48.7	29.3	17.0
-10°	699.3	603.8	491.9	400.8	325.3	272.4	186.4	87.9	53.6	32.0	18.4
-12.5°	657.0	563.7	465.1	384.6	320.5	267.4	183.0	94.3	57.9	34.2	19.5
-15°	613.3	521.5	438.1	368.1	315.4	261.6	178.4	99.6	62.0	36.3	20.5
-17.5°	570.6	477.8	411.7	352.0	310.3	255.0	173.0	103.6	65.1	38.2	21.4
-20°	529.4	444.7	387.1	336.6	305.5	248.1	167.0	106.0	67.1	39.4	22.4



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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°	488.0	421.9	371.0	328.0	298.5	241.0	160.7	106.9	68.0	39.9	23.0
-25°	448.0	399.7	355.9	322.2	288.1	230.6	157.5	106.2	67.7	39.4	23.3
-27.5°	419.5	379.6	341.3	315.6	275.9	220.8	156.0	105.6	66.5	38.1	23.3
-30°	396.6	363.1	331.9	306.5	263.3	206.3	152.4	103.3	64.9	37.3	22.9
-32.5°	380.1	347.6	323.4	292.0	247.1	190.9	143.4	99.3	62.1	36.7	22.3
-35°	366.7	337.1	313.6	277.4	228.7	177.4	131.9	93.4	57.9	35.6	21.4
-37.5°	352.4	328.8	297.8	260.0	209.5	162.4	120.3	84.2	52.4	34.0	20.1
-40°	343.0	316.7	282.7	238.4	191.1	146.0	107.4	74.9	48.9	31.9	18.4
-42.5°	332.3	299.0	260.0	215.8	171.6	130.3	93.6	65.0	44.9	29.4	16.3
-45°	311.6	276.2	233.2	191.7	150.9	113.2	81.8	55.2	40.2	26.5	14.4
-47.5°	286.8	245.3	205.0	166.0	130.3	96.0	69.4	49.3	35.1	23.0	13.1
-50°	251.7	213.0	175.6	141.1	108.0	81.6	57.8	42.9	30.0	18.6	11.7
-52.5°	215.7	179.5	147.0	116.0	89.8	66.5	50.0	36.1	24.6	15.6	10.0
-55°	178.8	147.7	119.1	94.2	72.0	55.5	41.5	29.6	18.9	13.3	8.4
-57.5°	144.5	117.1	94.7	73.7	58.2	45.4	33.3	22.7	15.6	11.0	8.5
-60°	111.0	91.1	71.5	58.7	47.1	35.6	25.2	17.0	13.0	9.1	8.5
-62.5°	83.2	67.2	57.1	46.7	36.3	26.3	17.7	14.2	10.4	9.0	8.5
-65°	62.8	53.7	44.2	34.8	25.6	18.4	14.7	11.4	9.5	8.8	8.4
-67.5°	48.2	39.5	31.1	22.9	18.3	14.9	11.7	10.0	9.0	8.5	8.1
-70°	32.1	24.7	20.5	17.4	14.3	11.7	10.3	9.2	8.5	8.1	7.7
-72.5°	20.8	18.2	15.6	13.0	11.8	10.6	9.3	8.4	8.1	7.7	7.4
-75°	15.3	13.9	12.8	11.8	10.6	9.5	8.5	7.9	7.6	7.3	7.0
-77.5°	13.0	12.1	11.3	10.3	9.3	8.4	7.8	7.4	7.2	6.9	6.7
-80°	10.7	9.9	9.1	8.3	7.7	7.3	7.1	6.9	6.7	6.5	6.3
-82.5°	8.3	7.7	7.3	7.0	6.8	6.7	6.6	6.4	6.3	6.1	6.0
-85°	6.8	6.6	6.4	6.3	6.2	6.1	6.1	6.1	6.0	5.9	5.7
-87.5°	5.7	5.7	5.6	5.6	5.7	5.8	5.9	6.1	5.9	5.7	5.5
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.9	5.2	5.5	5.8	6.1	5.5	4.9
87.5°	5.2	5.2	5.1	5.1	5.0	5.0	4.9
85°	5.5	5.4	5.3	5.2	5.1	5.0	4.9
82.5°	5.8	5.7	5.5	5.4	5.2	5.1	4.9
80°	6.1	5.9	5.7	5.5	5.3	5.1	4.9
77.5°	6.1	6.1	5.9	5.7	5.4	5.2	4.9
75°	6.1	6.1	6.1	5.8	5.5	5.2	4.9
72.5°	6.1	6.1	6.1	6.0	5.6	5.3	4.9
70°	6.1	6.1	6.1	6.1	5.7	5.3	4.9
67.5°	6.1	6.1	6.1	6.1	5.8	5.4	4.9
65°	6.1	6.1	6.1	6.1	5.9	5.4	4.9
62.5°	6.1	6.1	6.1	6.1	6.0	5.5	4.9
60°	6.1	6.1	6.1	6.1	6.1	5.5	4.9
57.5°	6.1	6.1	6.1	6.1	6.1	5.5	4.9
55°	6.1	6.1	6.1	6.1	6.1	5.6	4.9
52.5°	6.1	6.1	6.1	6.1	6.1	5.6	4.9
50°	6.1	6.1	6.1	6.1	6.1	5.7	4.9
47.5°	6.1	6.1	6.1	6.1	6.1	5.7	4.9
45°	6.2	6.1	6.1	6.1	6.1	5.7	4.9
42.5°	6.3	6.1	6.1	6.1	6.1	5.8	4.9
40°	6.5	6.1	6.1	6.1	6.1	5.8	4.9
37.5°	6.6	6.1	6.1	6.1	6.1	5.9	4.9
35°	6.8	6.2	6.1	6.1	6.1	5.9	4.9
32.5°	6.9	6.3	6.1	6.1	6.1	5.9	4.9
30°	7.0	6.4	6.1	6.1	6.1	5.9	4.9
27.5°	7.1	6.6	6.1	6.1	6.1	6.0	4.9
25°	7.1	6.7	6.1	6.1	6.1	6.0	4.9
22.5°	7.2	6.8	6.1	6.1	6.1	6.0	4.9
20°	7.3	6.9	6.1	6.1	6.1	6.0	4.9
17.5°	7.4	7.0	6.1	6.1	6.1	6.0	4.9
15°	7.5	7.1	6.1	6.1	6.1	6.1	4.9
12.5°	7.6	7.2	6.1	6.1	6.1	6.1	4.9
10°	7.8	7.2	6.1	6.1	6.1	6.1	4.9
7.5°	8.0	7.2	6.1	6.1	6.1	6.1	4.9
5°	8.2	7.3	6.1	6.1	6.1	6.1	4.9
2.5°	8.3	7.3	6.1	6.1	6.1	6.1	4.9
0°	8.5	7.3	6.1	6.1	6.1	6.1	4.9
-2.5°	9.3	7.4	6.1	6.1	6.1	6.1	4.9
-5°	10.1	7.5	6.1	6.1	6.1	6.1	4.9
-7.5°	10.8	7.6	6.1	6.1	6.1	6.1	4.9
-10°	11.4	7.7	6.1	6.1	6.1	6.1	4.9
-12.5°	12.0	7.7	6.1	6.1	6.1	6.1	4.9
-15°	12.3	7.7	6.1	6.1	6.1	6.1	4.9
-17.5°	12.6	7.7	6.1	6.1	6.1	6.1	4.9
-20°	12.8	7.7	6.1	6.1	6.1	6.0	4.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.0	7.6	6.1	6.1	6.1	6.0	4.9
-25°	13.1	7.6	6.1	6.1	6.1	6.0	4.9
-27.5°	12.9	7.6	6.1	6.1	6.1	6.0	4.9
-30°	12.4	7.5	6.1	6.1	6.1	6.0	4.9
-32.5°	11.7	7.3	6.2	6.1	6.1	6.0	4.9
-35°	11.2	7.0	6.3	6.1	6.1	5.9	4.9
-37.5°	10.9	6.7	6.4	6.1	6.1	5.9	4.9
-40°	10.3	6.8	6.5	6.1	6.1	5.9	4.9
-42.5°	9.6	6.9	6.5	6.1	6.1	5.9	4.9
-45°	8.8	7.0	6.6	6.1	6.1	5.9	4.9
-47.5°	7.8	7.1	6.6	6.2	6.1	5.9	4.9
-50°	7.7	7.2	6.6	6.2	6.1	5.8	4.9
-52.5°	7.8	7.3	6.6	6.2	6.1	5.8	4.9
-55°	7.9	7.3	6.6	6.2	6.1	5.8	4.9
-57.5°	8.0	7.2	6.6	6.2	6.1	5.8	4.9
-60°	8.0	7.1	6.5	6.2	6.1	5.8	4.9
-62.5°	7.9	7.1	6.5	6.2	6.1	5.7	4.9
-65°	7.7	6.9	6.4	6.2	6.1	5.7	4.9
-67.5°	7.5	6.8	6.4	6.1	6.1	5.7	4.9
-70°	7.2	6.7	6.3	6.1	6.1	5.7	4.9
-72.5°	7.0	6.5	6.2	6.1	6.1	5.7	4.9
-75°	6.7	6.3	6.1	6.0	6.1	5.6	4.9
-77.5°	6.4	6.2	6.0	6.0	6.1	5.6	4.9
-80°	6.1	6.0	5.9	6.0	6.1	5.6	4.9
-82.5°	5.8	5.8	5.8	5.9	6.1	5.6	4.9
-85°	5.5	5.6	5.7	5.9	6.1	5.6	4.9
-87.5°	5.2	5.4	5.6	5.8	6.1	5.5	4.9
-90°	4.9	4.9	4.9	4.9	4.9	4.9	4.9

(END OF REPORT)