

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: P1306285 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

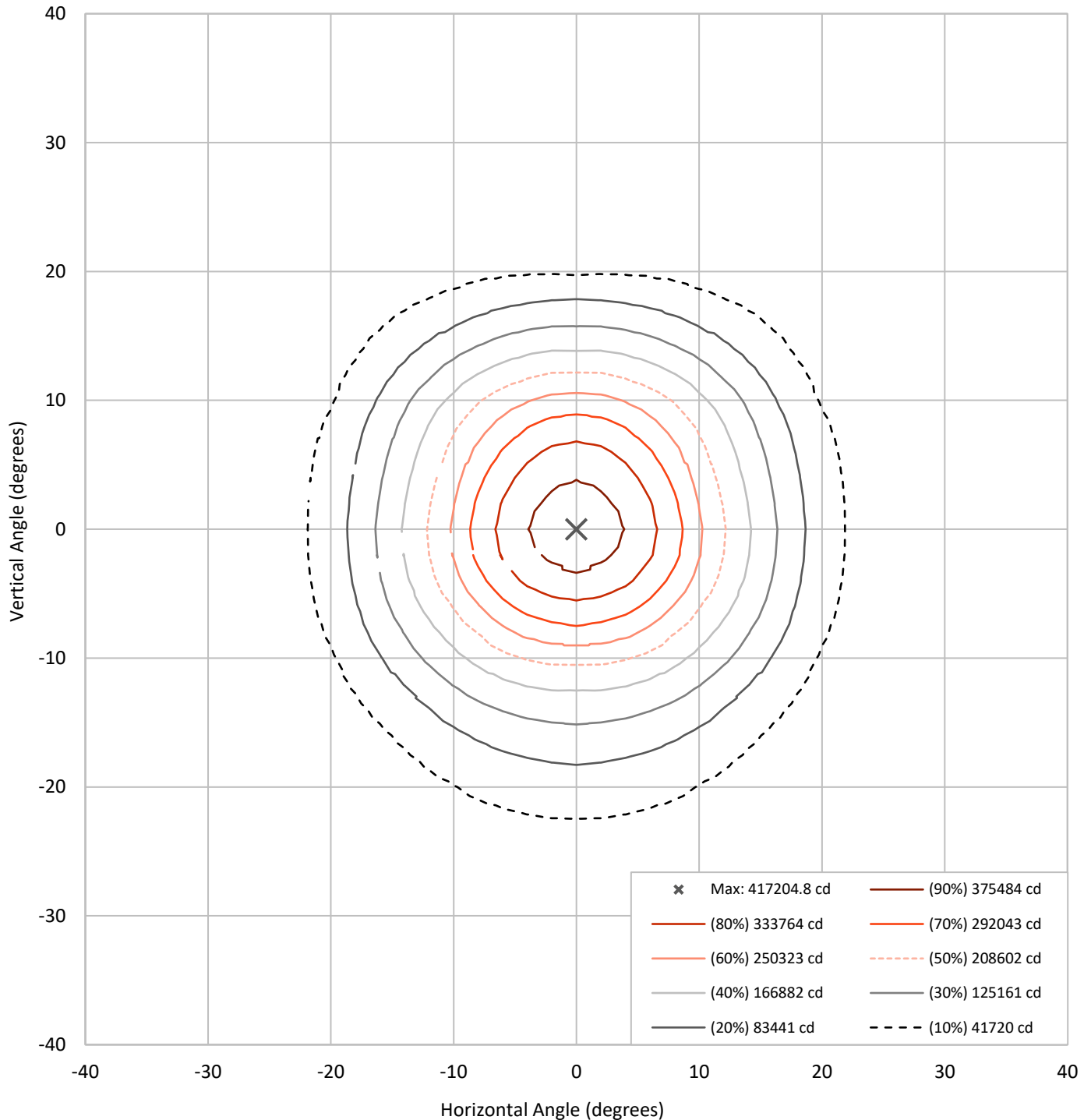
Test Method: LM-79-08
Report Number: P1306285 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	86469.1 lumens	Max Intensity:	417204.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	40774.2 lumens	Field Lumens:	73660.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
Input Watts (W):	688		
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





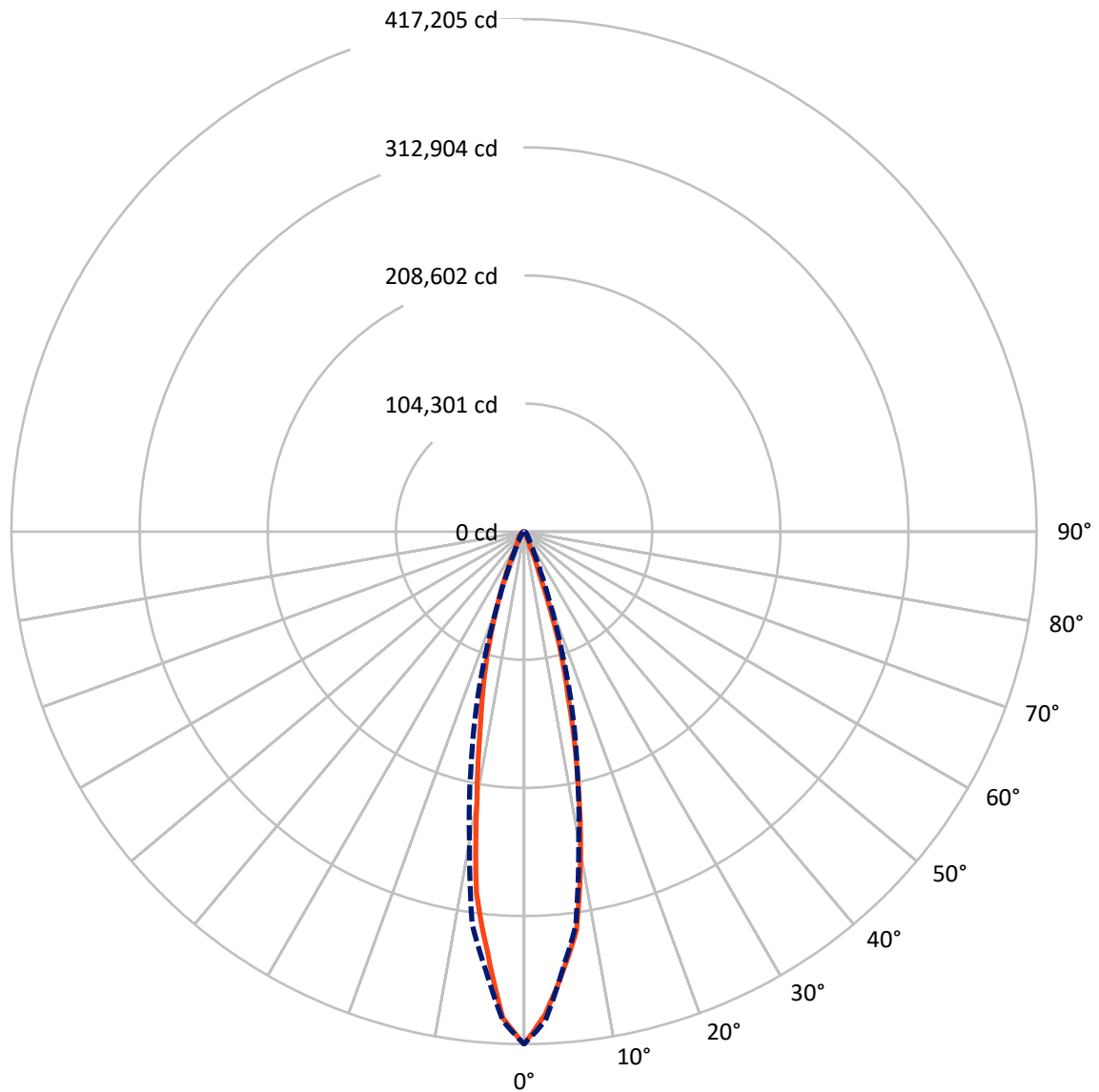
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Lumen Table

90	0.1	0.3	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.1									
80	0.1	0.3	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.1									
70	0.1	0.1	0.2	0.7	0.9	0.6	0.4	0.4	0.4	0.4	0.6	0.9	0.7	0.2	0.1	0.1			
60		0.1	0.5	0.9	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.9	0.5	0.1				
50	0.2	0.3	0.7	0.7	0.8	1.3	2.3	1.6	1.6	2.3	1.3	0.8	0.7	0.7	0.3	0.2			
40		0.5	1.4	3.4	6.1	8.8	12.1	14.5	14.5	12.1	8.8	6.1	3.4	1.4	0.5				
30	0.3	0.8	5.9	18.4	42.6	71.0	145.9	280.7	280.7	145.9	71.0	42.6	18.4	5.9	0.8	0.3			
20		1.8	12.6	47.0	113.7	301.0	1657.1	3910.7	3910.7	1657.1	301.0	113.7	47.0	12.6	1.8				
10	0.4	2.7	16.7	62.5	146.3	641.9	3972.7	9316.8	9316.8	3972.7	641.9	146.3	62.5	16.7	2.7	0.4			
0		3.4	17.9	63.5	146.6	635.6	3903.3	8928.4	8928.4	3903.3	635.6	146.6	63.5	17.9	3.4				
-10	0.8	4.0	17.0	52.7	115.3	303.4	1582.5	3571.8	3571.8	1582.5	303.4	115.3	52.7	17.0	4.0	0.8			
-20		4.2	15.7	39.5	98.2	172.0	393.8	805.0	805.0	393.8	172.0	98.2	39.5	15.7	4.2				
-30	0.6	3.7	13.6	29.9	72.5	142.2	199.7	245.3	245.3	199.7	142.2	72.5	29.9	13.6	3.7	0.6			
-40		2.6	10.3	23.6	44.0	78.1	127.9	163.7	163.7	127.9	78.1	44.0	23.6	10.3	2.6				
-50	0.3	1.3	6.3	15.8	30.0	46.2	61.9	71.6	71.6	61.9	46.2	30.0	15.8	6.3	1.3	0.3			
-60		0.5	2.2	6.9	14.0	22.2	30.3	34.9	34.9	30.3	22.2	14.0	6.9	2.2	0.5				
-70	0.2	1.2	4.4	11.4	15.4	11.4	4.4	1.2	0.2						0.2				
-80		1.2	4.4	11.4	15.4	11.4	4.4	1.2	0.2										
-90	0.2	1.2	4.4	11.4	15.4	11.4	4.4	1.2	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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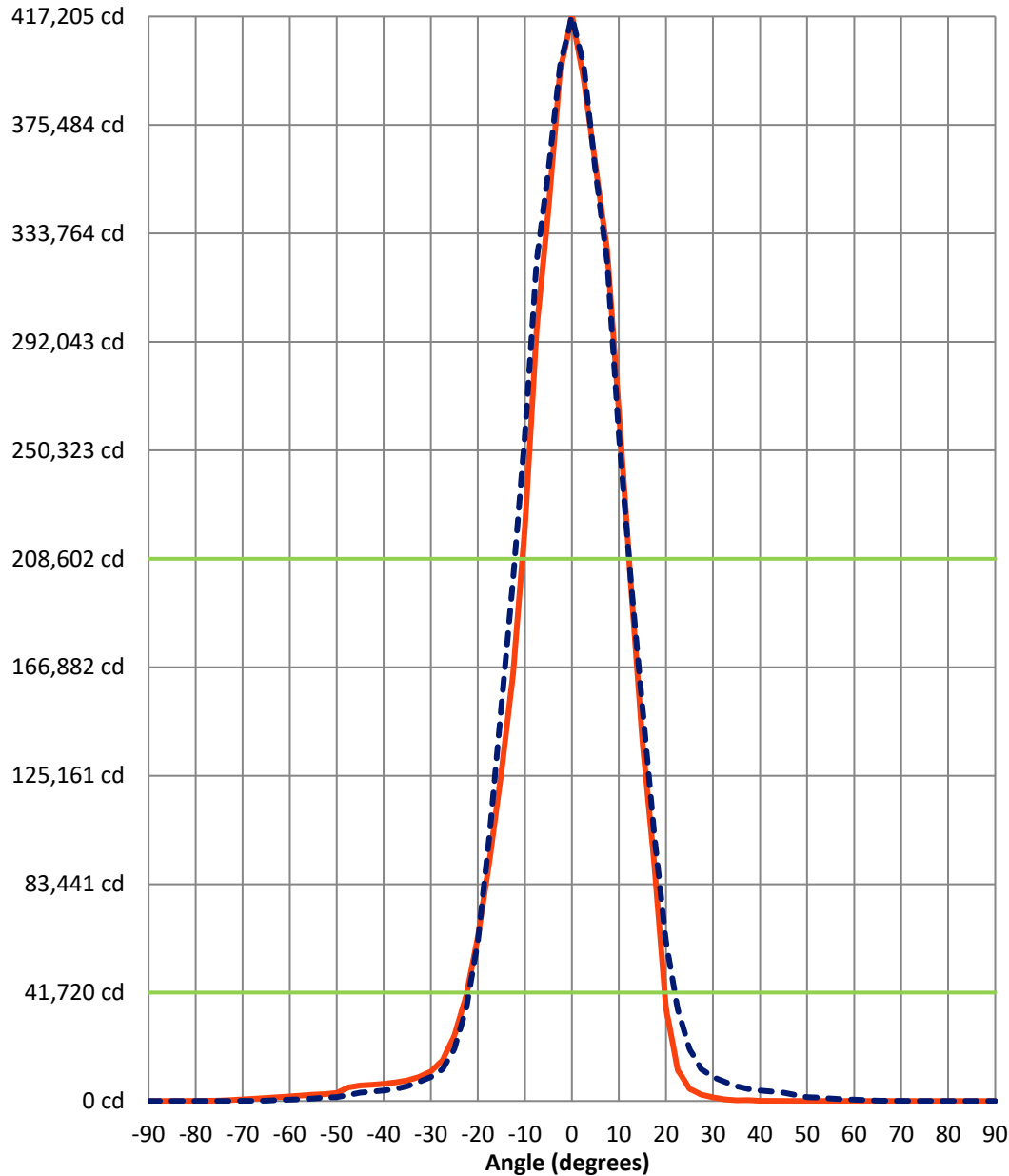
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 24.3°
V Angle: 22.7°
Lumens: 40774.2
Efficiency: 47.2%

Field:
H Angle: 43.8°
V Angle: 42.1°
Lumens: 73660.4
Efficiency: 85.2%

Spill:
Lumens: 12808.7
Efficiency: 14.8%

— 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°	4.2	5.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.2	4.3	4.4	4.4	4.4	4.3	4.2	4.2	4.2	4.2	4.2
85°	4.2	4.4	4.6	4.6	4.6	4.4	4.2	4.2	4.2	4.2	4.2
82.5°	4.2	4.5	4.8	4.8	4.8	4.6	4.2	4.2	4.2	4.3	4.2
80°	4.2	4.6	5.0	5.1	5.0	4.7	4.3	4.5	4.6	4.5	4.3
77.5°	4.2	4.7	5.2	5.3	5.2	4.9	4.9	5.1	5.0	4.8	4.3
75°	4.2	4.8	5.3	5.5	5.4	5.3	5.4	5.6	5.4	4.9	4.4
72.5°	4.2	4.9	5.5	5.8	5.6	5.6	6.0	6.0	5.5	5.0	4.4
70°	4.2	5.0	5.7	6.0	5.8	6.0	6.4	6.1	5.5	5.0	5.1
67.5°	4.2	5.0	5.9	6.0	6.0	6.3	6.4	6.1	5.6	5.6	5.9
65°	4.2	5.1	6.1	6.1	6.1	6.4	6.4	6.2	5.9	6.1	6.5
62.5°	4.2	5.2	6.2	6.2	6.3	6.4	6.4	6.3	6.2	6.5	6.7
60°	4.2	5.3	6.4	6.2	6.4	6.4	6.4	6.4	6.4	6.9	7.0
57.5°	4.2	5.4	6.4	6.3	6.4	6.4	6.5	6.4	6.8	7.3	7.3
55°	4.2	5.5	6.4	6.3	6.4	6.4	6.6	6.5	7.3	7.8	7.8
52.5°	4.2	5.5	6.4	6.4	6.4	6.4	6.8	7.1	7.9	8.4	8.3
50°	4.2	5.6	6.4	6.4	6.4	6.6	7.0	7.7	8.5	9.0	11.2
47.5°	4.2	5.7	6.4	6.4	6.4	6.8	7.3	8.2	9.2	9.8	14.1
45°	4.2	5.8	6.4	6.4	6.4	7.1	7.8	8.8	9.9	12.0	16.7
42.5°	4.2	5.8	6.4	6.4	6.4	7.3	8.2	9.4	10.5	14.0	21.4
40°	4.2	5.9	6.4	6.4	6.5	7.6	8.7	9.9	11.4	15.8	26.4
37.5°	4.2	5.9	6.4	6.4	6.7	7.9	9.2	10.5	12.9	18.2	31.1
35°	4.2	6.0	6.4	6.4	6.9	8.2	9.6	11.0	14.2	22.5	35.0
32.5°	4.2	6.1	6.4	6.4	7.1	8.6	10.0	11.5	15.4	26.8	38.4
30°	4.2	6.1	6.4	6.4	7.4	8.9	10.4	12.1	16.4	31.1	42.0
27.5°	4.2	6.2	6.4	6.4	7.5	9.2	10.8	12.9	18.3	35.3	45.7
25°	4.2	6.2	6.4	6.4	7.7	9.5	11.2	13.7	21.7	38.8	49.6
22.5°	4.2	6.2	6.4	6.4	7.9	9.8	11.5	14.4	24.9	41.8	56.6
20°	4.2	6.3	6.4	6.4	8.0	10.0	11.9	15.0	28.0	44.8	64.0
17.5°	4.2	6.3	6.4	6.4	8.1	10.1	12.2	15.5	30.8	47.7	71.8
15°	4.2	6.3	6.4	6.4	8.2	10.2	12.6	16.2	33.5	50.6	79.9
12.5°	4.2	6.3	6.4	6.4	8.3	10.3	13.0	17.1	36.6	53.3	87.9
10°	4.2	6.4	6.4	6.4	8.4	10.4	13.4	18.0	40.1	57.6	96.9
7.5°	4.2	6.4	6.4	6.4	8.4	10.5	13.8	18.9	43.3	62.1	108.1
5°	4.2	6.4	6.4	6.4	8.5	10.6	14.2	19.7	46.2	66.4	118.8
2.5°	4.2	6.4	6.4	6.4	8.5	10.6	14.5	20.5	48.7	70.5	128.8
0°	4.2	6.4	6.4	6.4	8.5	10.6	14.8	21.2	50.9	74.2	137.8
-2.5°	4.2	6.4	6.5	6.7	8.9	11.5	17.3	27.8	62.6	93.3	162.3
-5°	4.2	6.4	6.6	6.9	9.2	12.4	19.7	34.2	73.6	111.5	185.3
-7.5°	4.2	6.4	6.7	7.2	9.5	13.3	22.0	40.1	83.6	128.7	206.4
-10°	4.2	6.4	6.8	7.5	9.8	14.0	24.1	45.5	92.5	144.3	225.4
-12.5°	4.2	6.4	6.8	7.7	10.1	14.7	25.8	50.1	100.1	158.3	244.5
-15°	4.2	6.3	6.9	8.0	10.4	15.3	27.3	53.8	106.8	171.0	261.5
-17.5°	4.2	6.3	7.0	8.2	10.7	15.8	28.4	57.4	112.7	181.6	274.5
-20°	4.2	6.3	7.0	8.4	10.9	16.2	29.5	60.4	116.7	189.9	283.1



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 CATALOG NUMBER: EPH-08-680N-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.2	6.3	7.1	8.5	11.1	16.4	30.5	62.1	118.6	195.8	286.9
-25°	4.2	6.2	7.1	8.7	11.3	16.6	30.8	62.4	118.2	199.1	285.8
-27.5°	4.2	6.2	7.2	8.8	11.5	16.7	30.3	61.2	115.5	199.3	288.5
-30°	4.2	6.2	7.2	8.9	11.6	16.6	29.1	58.4	112.9	195.7	288.0
-32.5°	4.2	6.1	7.2	9.0	11.7	16.3	27.0	56.5	109.6	188.9	283.8
-35°	4.2	6.1	7.2	9.0	11.8	15.8	25.9	54.0	104.0	178.8	276.0
-37.5°	4.2	6.1	7.2	9.1	11.8	15.4	25.3	50.3	96.1	165.4	258.4
-40°	4.2	6.1	7.1	9.0	11.7	15.4	24.3	45.3	85.8	152.8	236.6
-42.5°	4.2	6.0	7.1	9.0	11.6	15.3	23.1	39.0	77.1	136.7	211.5
-45°	4.2	6.0	7.0	8.9	11.5	15.1	21.5	33.9	68.3	117.9	184.3
-47.5°	4.2	5.9	6.9	8.8	11.3	14.8	19.6	31.6	57.8	97.1	160.4
-50°	4.2	5.9	6.9	8.6	11.1	14.4	18.9	28.9	45.3	82.6	133.8
-52.5°	4.2	5.9	6.8	8.5	10.9	13.9	18.2	25.8	38.6	66.9	105.8
-55°	4.2	5.8	6.7	8.3	10.7	13.5	17.5	22.6	34.3	49.9	86.3
-57.5°	4.2	5.8	6.5	8.1	10.4	13.1	16.6	21.4	29.7	41.8	65.3
-60°	4.2	5.8	6.4	7.9	10.0	12.6	15.7	20.1	25.5	36.1	48.2
-62.5°	4.2	5.7	6.4	7.7	9.7	12.1	15.0	18.8	23.8	30.1	41.3
-65°	4.2	5.7	6.4	7.4	9.3	11.5	14.2	17.4	22.0	27.1	34.0
-67.5°	4.2	5.7	6.4	7.2	8.9	10.9	13.4	16.4	20.1	24.8	29.9
-70°	4.2	5.6	6.4	6.9	8.4	10.3	12.5	15.3	18.7	22.3	26.9
-72.5°	4.2	5.6	6.4	6.8	8.0	9.6	11.5	14.2	17.2	20.5	24.1
-75°	4.2	5.6	6.4	6.8	7.5	8.9	10.6	12.9	15.7	18.6	21.8
-77.5°	4.2	5.5	6.4	6.7	7.3	8.2	9.6	11.7	14.0	16.6	19.4
-80°	4.2	5.5	6.4	6.7	7.1	7.7	8.6	10.4	12.4	14.6	16.9
-82.5°	4.2	5.4	6.4	6.6	6.9	7.4	8.0	9.2	10.7	12.4	14.3
-85°	4.2	5.4	6.4	6.5	6.8	7.1	7.5	8.3	9.2	10.4	11.7
-87.5°	4.2	5.3	6.4	6.5	6.6	6.7	6.9	7.3	7.8	8.4	9.1
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.9	7.5	8.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	3.7	3.2	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	3.7	3.2	2.8	2.4	2.4	2.4	2.3	2.1	2.1	2.1	2.1
82.5°	3.9	3.7	3.6	3.6	3.4	3.1	2.7	2.4	2.4	2.4	2.3
80°	4.1	4.2	4.2	4.2	4.0	3.8	3.7	3.8	3.7	3.4	3.1
77.5°	4.2	4.2	4.2	4.2	4.2	4.4	4.7	5.3	5.3	5.1	4.8
75°	4.2	4.2	4.3	4.3	4.4	4.9	5.7	6.2	6.2	6.0	6.0
72.5°	4.6	4.8	4.8	4.5	4.9	5.6	6.1	6.4	7.6	9.4	10.5
70°	5.4	5.5	5.4	5.5	6.0	6.9	9.1	12.1	15.1	17.2	20.0
67.5°	6.3	6.0	6.1	6.6	8.1	10.6	13.9	21.4	29.7	33.0	34.6
65°	6.4	6.3	6.9	8.3	10.4	16.6	24.9	34.6	44.8	47.1	46.9
62.5°	6.4	6.7	7.8	11.0	16.9	24.8	35.4	46.4	57.1	55.3	48.8
60°	6.6	6.9	10.7	17.0	24.1	34.5	46.3	52.1	55.4	55.1	47.4
57.5°	6.9	9.3	15.8	23.8	33.9	42.9	46.7	50.1	52.1	53.8	44.6
55°	8.6	13.6	21.8	32.3	40.5	42.3	44.5	45.7	47.5	44.1	34.1
52.5°	12.5	18.5	29.2	38.4	42.0	41.6	39.5	39.7	36.8	32.1	27.1
50°	16.1	25.4	35.5	41.3	43.0	39.8	34.2	32.5	29.4	25.6	22.2
47.5°	21.6	32.2	39.4	44.2	43.2	38.7	32.1	28.1	24.9	23.9	20.7
45°	27.5	36.9	43.8	45.9	43.6	37.8	32.5	25.3	26.9	26.7	26.3
42.5°	33.2	40.8	46.7	48.4	43.6	39.8	35.0	33.4	33.2	37.4	40.3
40°	36.9	44.6	50.1	50.6	45.3	44.3	47.5	49.6	47.7	54.9	61.0
37.5°	40.2	48.5	55.3	57.8	51.2	56.5	64.4	86.8	88.9	76.1	97.5
35°	43.3	53.1	65.7	75.5	75.2	75.7	109.9	143.9	159.7	139.8	158.3
32.5°	47.2	58.3	80.0	105.8	127.1	130.5	167.6	236.7	269.1	270.4	267.8
30°	52.8	71.9	102.4	144.9	198.8	251.1	279.3	355.2	407.3	496.4	563.9
27.5°	60.5	89.5	140.2	211.0	296.0	399.7	462.9	506.8	635.1	801.7	981.3
25°	69.4	124.9	183.8	295.8	440.2	572.0	652.6	705.2	929.4	1259.9	1491.2
22.5°	88.7	170.6	247.5	392.2	603.1	751.2	836.2	1006.2	1353.8	1797.5	2071.3
20°	122.0	226.4	322.4	480.0	769.7	934.7	1015.1	1352.4	1889.0	2344.0	2721.1
17.5°	160.4	282.7	396.7	582.9	863.3	1075.9	1212.6	1723.1	2459.1	2867.8	3299.8
15°	202.6	338.9	462.8	674.3	953.6	1159.5	1455.3	2170.0	2980.6	3370.9	3816.6
12.5°	247.4	394.4	521.3	754.5	1042.4	1236.7	1672.4	2488.7	3249.9	3778.3	4356.4
10°	293.0	448.6	573.0	823.7	1128.2	1307.7	1876.4	2754.3	3392.2	3889.2	4563.8
7.5°	321.3	485.9	615.3	882.3	1208.9	1372.7	2062.7	2968.8	3493.2	3954.9	4592.1
5°	341.8	503.8	636.1	922.1	1265.2	1424.3	2214.6	3134.2	3558.9	3981.0	4541.8
2.5°	356.9	517.8	653.7	952.0	1299.8	1459.8	2286.1	3197.8	3602.4	4013.1	4549.3
0°	366.7	527.8	667.7	973.0	1322.7	1490.2	2323.3	3219.9	3629.1	4040.3	4625.4
-2.5°	379.7	542.3	690.0	994.3	1328.5	1497.0	2328.7	3211.2	3644.4	4105.3	4707.6
-5°	388.3	552.8	707.8	1006.3	1324.3	1497.8	2299.5	3165.4	3622.3	4089.3	4676.0
-7.5°	393.4	559.2	720.5	1007.3	1301.6	1475.2	2199.7	3021.2	3497.9	3936.2	4512.7
-10°	397.6	568.2	732.6	990.2	1257.8	1435.7	2058.9	2850.0	3359.9	3763.6	4305.0
-12.5°	410.9	580.5	741.5	969.5	1212.9	1391.2	1886.8	2657.0	3211.1	3574.0	4081.0
-15°	420.3	590.4	746.8	946.9	1169.4	1342.0	1684.5	2446.7	3097.6	3505.2	3939.9
-17.5°	425.7	598.4	748.7	924.0	1129.6	1288.4	1462.1	2251.6	3007.3	3468.0	3869.3
-20°	427.4	604.9	747.5	902.3	1094.7	1256.5	1412.7	2014.7	2786.3	3408.7	3807.0



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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°	425.3	610.1	745.5	892.4	1072.1	1242.2	1393.9	1752.9	2494.7	3323.1	3727.2
-25°	424.0	602.9	745.2	878.5	1046.6	1224.8	1374.3	1508.1	2166.7	2994.0	3620.0
-27.5°	421.3	591.6	730.1	856.4	1014.8	1200.5	1351.3	1483.2	1864.5	2620.0	3451.4
-30°	411.9	561.5	709.6	828.8	982.6	1159.4	1325.2	1465.0	1607.6	2238.2	3013.9
-32.5°	390.6	528.6	675.7	801.9	942.6	1111.7	1288.2	1432.9	1577.7	1809.1	2544.8
-35°	368.0	497.5	636.1	768.5	894.2	1056.9	1225.6	1390.0	1534.0	1685.4	2044.4
-37.5°	350.6	463.4	594.9	726.9	851.6	994.5	1156.0	1322.4	1477.5	1633.8	1810.5
-40°	329.5	426.5	553.7	680.2	804.7	933.7	1082.7	1240.0	1402.5	1582.5	1748.2
-42.5°	304.5	399.0	510.3	632.1	752.9	876.7	1005.3	1154.3	1324.2	1514.5	1689.8
-45°	273.0	367.6	465.8	580.0	696.7	814.7	937.0	1065.9	1236.3	1418.0	1604.4
-47.5°	237.8	331.1	425.9	523.5	635.5	749.3	863.6	993.8	1137.8	1306.9	1488.2
-50°	201.2	287.6	380.3	470.4	569.3	678.5	788.7	914.3	1050.0	1190.8	1349.5
-52.5°	167.8	240.1	326.7	416.0	504.9	601.7	709.3	826.4	952.1	1086.1	1216.6
-55°	131.5	196.2	268.0	353.2	440.8	527.2	619.6	727.0	842.6	965.0	1087.2
-57.5°	102.1	150.6	212.5	283.6	366.6	452.5	534.7	620.4	721.6	831.3	938.2
-60°	76.6	111.2	158.1	218.3	285.1	364.4	446.3	525.5	605.8	686.8	781.4
-62.5°	53.2	80.1	112.5	154.2	211.4	273.4	345.2	420.7	497.3	567.0	636.0
-65°	44.6	53.7	76.0	106.4	138.6	191.0	248.5	308.8	376.1	436.3	498.3
-67.5°	35.7	44.0	52.1	64.2	91.9	122.2	154.8	205.7	258.1	301.5	345.8
-70°	31.2	34.8	41.4	48.6	55.6	67.9	94.4	122.7	151.0	179.2	215.6
-72.5°	27.4	30.5	33.8	37.4	43.2	49.0	55.0	61.0	76.8	98.4	118.2
-75°	24.1	26.1	28.8	31.7	34.6	37.2	40.2	45.1	50.1	55.0	59.9
-77.5°	21.1	22.6	24.3	26.2	28.3	30.6	32.9	35.1	37.1	39.1	41.2
-80°	18.1	19.1	20.2	21.5	22.9	24.4	26.0	27.7	29.1	30.4	31.7
-82.5°	15.1	15.9	16.6	17.3	18.0	18.6	19.3	20.3	21.3	22.2	23.1
-85°	12.3	12.7	13.2	13.6	14.1	14.5	14.9	15.3	15.7	16.1	16.5
-87.5°	9.6	10.1	10.5	10.9	11.1	11.2	11.3	11.5	11.6	11.7	11.8
-90°	3.7	3.2	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.5	9.0	9.6	10.1	10.6	10.6	10.6	10.6	10.6	10.6	10.6
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.8	2.7	2.6	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	4.5	4.3	4.0	3.7	3.3	3.1	2.9	2.6	2.2	2.1	2.1
75°	6.2	6.3	6.3	6.0	5.4	5.0	4.6	4.3	3.9	3.9	4.0
72.5°	11.2	11.2	10.8	10.7	10.0	9.7	9.8	9.6	9.3	9.5	9.9
70°	21.7	22.3	21.8	20.4	18.1	16.5	15.6	14.3	12.8	12.6	13.2
67.5°	34.2	32.6	30.7	28.2	24.3	21.1	19.5	17.9	16.4	16.1	16.5
65°	43.5	36.9	32.4	28.7	25.6	22.6	20.6	18.5	16.5	15.4	15.2
62.5°	42.0	34.5	29.5	26.1	23.3	20.8	18.3	15.8	13.5	11.9	12.0
60°	39.4	31.1	24.7	21.4	18.9	17.1	14.9	13.0	11.5	10.6	10.7
57.5°	33.5	24.5	18.8	17.3	15.6	13.6	12.1	11.4	10.9	10.6	10.6
55°	25.8	20.8	17.3	15.4	13.6	11.8	10.7	10.9	10.9	10.6	11.1
52.5°	21.3	18.3	15.9	14.1	13.3	12.8	12.5	12.6	12.8	13.1	13.4
50°	19.1	17.0	15.9	14.6	14.6	14.6	14.6	15.3	15.9	16.1	15.9
47.5°	19.3	18.4	19.4	16.9	17.3	18.9	19.0	19.2	20.5	20.9	20.7
45°	24.3	29.3	29.4	27.1	25.7	31.3	31.7	28.7	44.0	43.1	32.6
42.5°	43.3	46.2	46.4	48.9	54.3	71.3	102.9	131.5	135.8	119.3	81.8
40°	69.9	67.5	72.8	87.4	129.5	168.0	197.1	284.2	283.4	221.8	223.4
37.5°	113.7	111.2	119.3	163.5	177.1	153.1	215.7	221.7	189.9	226.3	229.6
35°	195.9	222.0	193.5	240.3	242.6	216.9	232.8	259.8	221.6	265.1	284.0
32.5°	357.0	403.2	407.6	404.0	428.1	451.6	437.8	503.4	515.2	558.7	606.7
30°	580.0	669.0	737.0	723.9	763.8	833.9	856.8	957.0	1056.9	1118.9	1270.7
27.5°	1010.8	1055.7	1195.1	1293.2	1270.4	1384.9	1612.1	1682.3	1969.0	2106.1	2303.8
25°	1600.5	1680.3	1878.9	2111.8	2211.5	2403.4	2772.4	2949.0	3325.4	3517.6	4242.1
22.5°	2331.3	2601.3	2850.5	3163.4	3612.5	3993.8	4404.1	5093.7	6214.1	7823.9	9745.7
20°	3165.5	3618.1	3994.9	4573.1	5317.4	6034.8	7096.0	10156.1	13406.1	20185.0	24790.7
17.5°	3954.8	4673.3	5199.8	5967.6	7067.1	8862.6	12518.5	19358.5	30108.2	43240.2	55775.4
15°	4570.7	5305.1	6281.0	7439.9	9119.3	12633.0	19311.1	32830.7	53326.1	73336.2	94390.2
12.5°	5091.2	5867.8	6937.5	8507.3	11019.2	17335.1	29342.1	49707.8	76725.8	106514.5	137989.1
10°	5426.1	6369.3	7650.4	9723.6	13897.7	22870.8	38480.4	65771.0	102087.6	140979.7	175962.9
7.5°	5485.1	6635.9	8258.6	10780.4	16753.8	28645.5	49349.7	81453.7	121227.9	165031.5	209090.2
5°	5508.6	6884.2	8772.7	11610.7	18715.9	32822.7	55611.1	91501.1	135664.8	180651.9	228069.4
2.5°	5571.4	7128.0	9150.0	12191.6	19847.8	35313.6	59229.6	98698.1	145290.7	194141.1	247009.0
0°	5702.2	7383.2	9231.6	12290.5	20084.9	35366.4	61316.8	102822.1	151568.6	200923.5	256067.5
-2.5°	5773.1	7350.5	9162.8	12088.6	19779.2	35372.0	59310.9	99952.9	148294.9	196449.3	252018.7
-5°	5651.4	7022.3	8738.9	11479.2	18441.1	32543.3	55326.1	92544.3	137163.8	180460.0	225145.3
-7.5°	5390.0	6560.4	8136.4	10614.1	16366.2	28158.7	48123.6	78684.7	116573.7	154213.6	189027.1
-10°	5085.6	6070.9	7363.4	9358.0	13434.1	22264.9	37654.2	61700.5	94245.1	126557.4	155936.9
-12.5°	4757.1	5524.4	6481.4	7861.0	10398.5	16811.4	28537.0	46967.3	69470.8	93846.5	120532.3
-15°	4476.4	5042.0	5767.5	6942.4	8878.0	12524.2	19155.6	31420.2	47556.8	66666.2	86337.6
-17.5°	4287.7	4708.3	5340.0	6236.2	7426.0	9591.8	14391.3	21662.8	32045.6	46347.7	59339.5
-20°	4152.3	4547.8	5049.1	5754.8	6751.3	8278.2	10626.7	15638.4	22470.7	31740.7	40559.3



REPORT NUMBER: P1306285 (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°	4055.6	4411.6	4835.2	5403.0	6293.0	7486.2	8985.3	11417.7	15720.4	21186.9	27317.7
-25°	3960.6	4255.8	4723.1	5333.6	5945.3	6799.1	7835.2	9029.4	11321.7	13752.1	17515.3
-27.5°	3851.8	4217.0	4739.1	5309.5	5860.6	6284.4	7019.9	7843.6	9057.3	10232.2	12165.6
-30°	3772.6	4239.6	4759.1	5307.3	5731.8	6106.4	6517.8	7147.3	7932.6	8763.1	9651.8
-32.5°	3378.4	4170.2	4703.3	5194.8	5546.0	5894.0	6258.4	6695.1	7197.2	7723.3	8263.1
-35°	2850.0	3693.3	4520.4	4905.7	5261.6	5612.6	5992.6	6346.3	6700.6	7056.4	7395.4
-37.5°	2202.3	3028.7	3810.0	4483.2	4891.9	5249.3	5654.4	6017.6	6328.2	6595.6	6856.5
-40°	1923.9	2212.5	2968.3	3676.9	4271.6	4838.0	5219.8	5622.1	5968.5	6215.1	6436.7
-42.5°	1847.3	2009.9	2177.4	2720.8	3377.5	3959.6	4477.6	4980.7	5457.0	5799.8	6063.3
-45°	1780.8	1918.4	2061.9	2222.2	2382.3	2892.7	3431.1	3973.1	4533.7	5035.4	5441.7
-47.5°	1657.8	1824.4	1965.8	2098.3	2225.6	2370.8	2520.9	2736.8	3228.7	3730.7	4188.4
-50°	1505.9	1662.0	1819.5	1976.4	2094.3	2205.7	2319.8	2448.6	2591.9	2738.2	2861.5
-52.5°	1340.3	1483.9	1629.4	1767.7	1899.7	2028.0	2153.2	2266.8	2373.6	2476.7	2537.3
-55°	1205.9	1320.8	1435.4	1553.9	1674.3	1791.6	1908.1	2025.5	2138.6	2246.6	2306.9
-57.5°	1049.0	1163.6	1273.3	1363.7	1457.0	1552.4	1652.0	1753.2	1852.3	1944.7	1996.6
-60°	878.6	978.0	1073.1	1160.8	1247.3	1331.9	1413.5	1493.8	1570.8	1637.9	1678.6
-62.5°	707.3	788.2	867.0	941.6	1014.3	1085.6	1161.9	1234.4	1302.5	1357.7	1391.6
-65°	561.3	623.0	677.7	731.4	784.4	845.4	910.5	972.0	1029.8	1074.7	1104.4
-67.5°	397.5	450.6	500.8	548.6	592.6	636.1	682.4	727.5	771.0	804.7	828.6
-70°	250.4	284.0	317.0	352.4	390.9	429.2	467.2	502.4	534.4	558.5	576.8
-72.5°	136.5	152.6	169.5	194.5	218.6	244.2	270.4	295.1	318.2	334.4	346.5
-75°	64.8	72.0	85.0	96.6	106.9	118.2	129.6	140.0	149.6	154.6	157.4
-77.5°	44.4	48.0	51.2	54.1	56.7	60.0	63.7	67.3	70.9	73.2	75.0
-80°	33.1	34.5	36.0	37.4	38.9	40.4	41.9	43.3	44.5	45.7	46.8
-82.5°	23.9	24.7	25.4	26.1	26.7	27.8	28.8	29.8	30.7	31.5	32.3
-85°	16.8	17.2	17.7	18.0	18.3	18.9	19.5	20.1	20.8	20.9	21.0
-87.5°	11.9	12.6	13.2	13.8	14.4	14.5	14.5	14.6	14.7	14.7	14.7
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1



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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°	10.6	10.6	11.7	12.7	11.7	10.6	10.6	10.6	10.6	10.6	10.6
87.5°	0.5	0.0	1.0	2.1	1.0	0.0	0.5	1.1	1.6	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	3.1	4.2	3.1	2.1	2.1	2.1	2.1	2.2	2.6
75°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.9	3.9	4.3
72.5°	10.2	10.4	10.6	10.6	10.6	10.4	10.2	9.9	9.5	9.3	9.6
70°	13.9	14.6	14.8	14.8	14.8	14.6	13.9	13.2	12.6	12.8	14.3
67.5°	16.8	16.9	17.0	17.0	17.0	16.9	16.8	16.5	16.1	16.4	17.9
65°	15.0	14.9	13.9	12.7	13.9	14.9	15.0	15.2	15.4	16.5	18.5
62.5°	12.3	12.7	12.7	12.7	12.7	12.7	12.3	12.0	11.9	13.5	15.8
60°	10.8	10.7	10.6	10.6	10.6	10.7	10.8	10.7	10.6	11.5	13.0
57.5°	10.6	10.6	11.4	12.7	11.4	10.6	10.6	10.6	10.6	10.9	11.4
55°	11.7	12.4	12.7	12.7	12.7	12.4	11.7	11.1	10.6	10.9	10.9
52.5°	13.3	12.9	12.7	12.7	12.7	12.9	13.3	13.4	13.1	12.8	12.6
50°	15.5	15.0	14.8	14.8	14.8	15.0	15.5	15.9	16.1	15.9	15.3
47.5°	20.3	19.5	19.0	19.1	19.0	19.5	20.3	20.7	20.9	20.5	19.2
45°	33.4	33.5	33.6	33.9	33.6	33.5	33.4	32.6	43.1	44.0	28.7
42.5°	78.6	68.0	58.8	59.4	58.8	68.0	78.6	81.8	119.3	135.8	131.5
40°	201.4	150.7	100.2	84.8	100.2	150.7	201.4	223.4	221.8	283.4	284.2
37.5°	207.4	211.6	248.9	334.9	248.9	211.6	207.4	229.6	226.3	189.9	221.7
35°	289.8	294.3	284.0	277.7	284.0	294.3	289.8	284.0	265.1	221.6	259.8
32.5°	616.3	643.6	640.2	623.2	640.2	643.6	616.3	606.7	558.7	515.2	503.4
30°	1327.4	1396.8	1389.3	1403.3	1389.3	1396.8	1327.4	1270.7	1118.9	1056.9	957.0
27.5°	2382.2	2468.0	2483.6	2465.3	2483.6	2468.0	2382.2	2303.8	2106.1	1969.0	1682.3
25°	4728.8	4864.4	4814.8	4750.4	4814.8	4864.4	4728.8	4242.1	3517.6	3325.4	2949.0
22.5°	11992.4	12529.4	12474.1	12021.3	12474.1	12529.4	11992.4	9745.7	7823.9	6214.1	5093.7
20°	32947.9	36493.2	38036.1	35945.1	38036.1	36493.2	32947.9	24790.7	20185.0	13406.1	10156.1
17.5°	69738.7	80540.8	88221.3	91426.2	88221.3	80540.8	69738.7	55775.4	43240.2	30108.2	19358.5
15°	114074.7	130335.2	139791.8	138521.4	139791.8	130335.2	114074.7	94390.2	73336.2	53326.1	32830.7
12.5°	164034.0	183306.4	199278.2	199616.6	199278.2	183306.4	164034.0	137989.1	106514.5	76725.8	49707.8
10°	212357.2	239105.6	260905.1	265129.5	260905.1	239105.6	212357.2	175962.9	140979.7	102087.6	65771.0
7.5°	248610.5	289615.4	316980.1	327007.0	316980.1	289615.4	248610.5	209090.2	165031.5	121227.9	81453.7
5°	284437.5	327404.1	355287.0	360233.5	355287.0	327404.1	284437.5	228069.4	180651.9	135664.8	91501.1
2.5°	308602.1	351943.9	376343.9	393268.2	376343.9	351943.9	308602.1	247009.0	194141.1	145290.7	98698.1
0°	322756.8	358071.4	398445.8	417204.8	398445.8	358071.4	322756.8	256067.5	200923.5	151568.6	102822.1
-2.5°	312054.7	351782.7	374897.7	396214.7	374897.7	351782.7	312054.7	252018.7	196449.3	148294.9	99952.9
-5°	276610.2	319816.6	340237.6	342902.2	340237.6	319816.6	276610.2	225145.3	180460.0	137163.8	92544.3
-7.5°	226023.1	266251.5	285857.9	296681.4	285857.9	266251.5	226023.1	189027.1	154213.6	116573.7	78684.7
-10°	182967.9	206444.6	219643.3	220512.4	219643.3	206444.6	182967.9	155936.9	126557.4	94245.1	61700.5
-12.5°	141260.9	157008.2	164814.4	164529.0	164814.4	157008.2	141260.9	120532.3	93846.5	69470.8	46967.3
-15°	103659.7	115893.7	122935.1	126311.4	122935.1	115893.7	103659.7	86337.6	66666.2	47556.8	31420.2
-17.5°	73166.4	82885.3	89940.9	92791.3	89940.9	82885.3	73166.4	59339.5	46347.7	32045.6	21662.8
-20°	49879.9	56540.7	61118.3	63061.4	61118.3	56540.7	49879.9	40559.3	31740.7	22470.7	15638.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	32855.3	37320.6	40459.1	40290.7	40459.1	37320.6	32855.3	27317.7	21186.9	15720.4	11417.7
-25°	20944.8	23400.0	25012.1	25142.7	25012.1	23400.0	20944.8	17515.3	13752.1	11321.7	9029.4
-27.5°	13862.6	14942.0	15592.5	15705.5	15592.5	14942.0	13862.6	12165.6	10232.2	9057.3	7843.6
-30°	10492.2	10988.8	11360.7	11345.1	11360.7	10988.8	10492.2	9651.8	8763.1	7932.6	7147.3
-32.5°	8722.5	8966.9	9129.8	9261.3	9129.8	8966.9	8722.5	8263.1	7723.3	7197.2	6695.1
-35°	7627.9	7752.3	7843.2	7925.9	7843.2	7752.3	7627.9	7395.4	7056.4	6700.6	6346.3
-37.5°	7006.6	7092.7	7149.8	7169.1	7149.8	7092.7	7006.6	6856.5	6595.6	6328.2	6017.6
-40°	6521.3	6569.9	6598.7	6615.8	6598.7	6569.9	6521.3	6436.7	6215.1	5968.5	5622.1
-42.5°	6157.2	6223.8	6258.2	6257.6	6258.2	6223.8	6157.2	6063.3	5799.8	5457.0	4980.7
-45°	5674.7	5843.0	5945.0	5988.4	5945.0	5843.0	5674.7	5441.7	5035.4	4533.7	3973.1
-47.5°	4563.5	4883.2	5107.5	5225.3	5107.5	4883.2	4563.5	4188.4	3730.7	3228.7	2736.8
-50°	2972.4	3079.3	3124.3	3105.5	3124.3	3079.3	2972.4	2861.5	2738.2	2591.9	2448.6
-52.5°	2582.2	2620.5	2643.7	2654.0	2643.7	2620.5	2582.2	2537.3	2476.7	2373.6	2266.8
-55°	2357.8	2400.4	2427.8	2442.0	2427.8	2400.4	2357.8	2306.9	2246.6	2138.6	2025.5
-57.5°	2039.9	2074.3	2095.3	2104.9	2095.3	2074.3	2039.9	1996.6	1944.7	1852.3	1753.2
-60°	1713.3	1741.5	1760.1	1770.0	1760.1	1741.5	1713.3	1678.6	1637.9	1570.8	1493.8
-62.5°	1419.0	1439.9	1458.2	1471.1	1458.2	1439.9	1419.0	1391.6	1357.7	1302.5	1234.4
-65°	1128.6	1147.1	1160.4	1168.0	1160.4	1147.1	1128.6	1104.4	1074.7	1029.8	972.0
-67.5°	848.2	863.3	875.8	883.9	875.8	863.3	848.2	828.6	804.7	771.0	727.5
-70°	591.5	602.6	613.5	621.1	613.5	602.6	591.5	576.8	558.5	534.4	502.4
-72.5°	356.1	363.1	366.4	366.7	366.4	363.1	356.1	346.5	334.4	318.2	295.1
-75°	159.0	159.3	162.6	165.3	162.6	159.3	159.0	157.4	154.6	149.6	140.0
-77.5°	76.5	77.8	79.3	80.6	79.3	77.8	76.5	75.0	73.2	70.9	67.3
-80°	47.7	48.6	48.7	48.8	48.7	48.6	47.7	46.8	45.7	44.5	43.3
-82.5°	33.0	33.7	33.9	33.9	33.9	33.7	33.0	32.3	31.5	30.7	29.8
-85°	21.1	21.2	21.2	21.2	21.2	21.2	21.1	21.0	20.9	20.8	20.1
-87.5°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.7	14.7	14.7	14.6
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.6	10.6	10.6	10.1	9.6	9.0	8.5	8.5	8.5	8.5	8.5
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.4	2.4	2.4
80°	2.1	2.1	2.1	2.4	2.6	2.7	2.8	3.1	3.4	3.7	3.8
77.5°	2.9	3.1	3.3	3.7	4.0	4.3	4.5	4.8	5.1	5.3	5.3
75°	4.6	5.0	5.4	6.0	6.3	6.3	6.2	6.0	6.0	6.2	6.2
72.5°	9.8	9.7	10.0	10.7	10.8	11.2	11.2	10.5	9.4	7.6	6.4
70°	15.6	16.5	18.1	20.4	21.8	22.3	21.7	20.0	17.2	15.1	12.1
67.5°	19.5	21.1	24.3	28.2	30.7	32.6	34.2	34.6	33.0	29.7	21.4
65°	20.6	22.6	25.6	28.7	32.4	36.9	43.5	46.9	47.1	44.8	34.6
62.5°	18.3	20.8	23.3	26.1	29.5	34.5	42.0	48.8	55.3	57.1	46.4
60°	14.9	17.1	18.9	21.4	24.7	31.1	39.4	47.4	55.1	55.4	52.1
57.5°	12.1	13.6	15.6	17.3	18.8	24.5	33.5	44.6	53.8	52.1	50.1
55°	10.7	11.8	13.6	15.4	17.3	20.8	25.8	34.1	44.1	47.5	45.7
52.5°	12.5	12.8	13.3	14.1	15.9	18.3	21.3	27.1	32.1	36.8	39.7
50°	14.6	14.6	14.6	14.6	15.9	17.0	19.1	22.2	25.6	29.4	32.5
47.5°	19.0	18.9	17.3	16.9	19.4	18.4	19.3	20.7	23.9	24.9	28.1
45°	31.7	31.3	25.7	27.1	29.4	29.3	24.3	26.3	26.7	26.9	25.3
42.5°	102.9	71.3	54.3	48.9	46.4	46.2	43.3	40.3	37.4	33.2	33.4
40°	197.1	168.0	129.5	87.4	72.8	67.5	69.9	61.0	54.9	47.7	49.6
37.5°	215.7	153.1	177.1	163.5	119.3	111.2	113.7	97.5	76.1	88.9	86.8
35°	232.8	216.9	242.6	240.3	193.5	222.0	195.9	158.3	139.8	159.7	143.9
32.5°	437.8	451.6	428.1	404.0	407.6	403.2	357.0	267.8	270.4	269.1	236.7
30°	856.8	833.9	763.8	723.9	737.0	669.0	580.0	563.9	496.4	407.3	355.2
27.5°	1612.1	1384.9	1270.4	1293.2	1195.1	1055.7	1010.8	981.3	801.7	635.1	506.8
25°	2772.4	2403.4	2211.5	2111.8	1878.9	1680.3	1600.5	1491.2	1259.9	929.4	705.2
22.5°	4404.1	3993.8	3612.5	3163.4	2850.5	2601.3	2331.3	2071.3	1797.5	1353.8	1006.2
20°	7096.0	6034.8	5317.4	4573.1	3994.9	3618.1	3165.5	2721.1	2344.0	1889.0	1352.4
17.5°	12518.5	8862.6	7067.1	5967.6	5199.8	4673.3	3954.8	3299.8	2867.8	2459.1	1723.1
15°	19311.1	12633.0	9119.3	7439.9	6281.0	5305.1	4570.7	3816.6	3370.9	2980.6	2170.0
12.5°	29342.1	17335.1	11019.2	8507.3	6937.5	5867.8	5091.2	4356.4	3778.3	3249.9	2488.7
10°	38480.4	22870.8	13897.7	9723.6	7650.4	6369.3	5426.1	4563.8	3889.2	3392.2	2754.3
7.5°	49349.7	28645.5	16753.8	10780.4	8258.6	6635.9	5485.1	4592.1	3954.9	3493.2	2968.8
5°	55611.1	32822.7	18715.9	11610.7	8772.7	6884.2	5508.6	4541.8	3981.0	3558.9	3134.2
2.5°	59229.6	35313.6	19847.8	12191.6	9150.0	7128.0	5571.4	4549.3	4013.1	3602.4	3197.8
0°	61316.8	35366.4	20084.9	12290.5	9231.6	7383.2	5702.2	4625.4	4040.3	3629.1	3219.9
-2.5°	59310.9	35372.0	19779.2	12088.6	9162.8	7350.5	5773.1	4707.6	4105.3	3644.4	3211.2
-5°	55326.1	32543.3	18441.1	11479.2	8738.9	7022.3	5651.4	4676.0	4089.3	3622.3	3165.4
-7.5°	48123.6	28158.7	16366.2	10614.1	8136.4	6560.4	5390.0	4512.7	3936.2	3497.9	3021.2
-10°	37654.2	22264.9	13434.1	9358.0	7363.4	6070.9	5085.6	4305.0	3763.6	3359.9	2850.0
-12.5°	28537.0	16811.4	10398.5	7861.0	6481.4	5524.4	4757.1	4081.0	3574.0	3211.1	2657.0
-15°	19155.6	12524.2	8878.0	6942.4	5767.5	5042.0	4476.4	3939.9	3505.2	3097.6	2446.7
-17.5°	14391.3	9591.8	7426.0	6236.2	5340.0	4708.3	4287.7	3869.3	3468.0	3007.3	2251.6
-20°	10626.7	8278.2	6751.3	5754.8	5049.1	4547.8	4152.3	3807.0	3408.7	2786.3	2014.7



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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°	8985.3	7486.2	6293.0	5403.0	4835.2	4411.6	4055.6	3727.2	3323.1	2494.7	1752.9
-25°	7835.2	6799.1	5945.3	5333.6	4723.1	4255.8	3960.6	3620.0	2994.0	2166.7	1508.1
-27.5°	7019.9	6284.4	5860.6	5309.5	4739.1	4217.0	3851.8	3451.4	2620.0	1864.5	1483.2
-30°	6517.8	6106.4	5731.8	5307.3	4759.1	4239.6	3772.6	3013.9	2238.2	1607.6	1465.0
-32.5°	6258.4	5894.0	5546.0	5194.8	4703.3	4170.2	3378.4	2544.8	1809.1	1577.7	1432.9
-35°	5992.6	5612.6	5261.6	4905.7	4520.4	3693.3	2850.0	2044.4	1685.4	1534.0	1390.0
-37.5°	5654.4	5249.3	4891.9	4483.2	3810.0	3028.7	2202.3	1810.5	1633.8	1477.5	1322.4
-40°	5219.8	4838.0	4271.6	3676.9	2968.3	2212.5	1923.9	1748.2	1582.5	1402.5	1240.0
-42.5°	4477.6	3959.6	3377.5	2720.8	2177.4	2009.9	1847.3	1689.8	1514.5	1324.2	1154.3
-45°	3431.1	2892.7	2382.3	2222.2	2061.9	1918.4	1780.8	1604.4	1418.0	1236.3	1065.9
-47.5°	2520.9	2370.8	2225.6	2098.3	1965.8	1824.4	1657.8	1488.2	1306.9	1137.8	993.8
-50°	2319.8	2205.7	2094.3	1976.4	1819.5	1662.0	1505.9	1349.5	1190.8	1050.0	914.3
-52.5°	2153.2	2028.0	1899.7	1767.7	1629.4	1483.9	1340.3	1216.6	1086.1	952.1	826.4
-55°	1908.1	1791.6	1674.3	1553.9	1435.4	1320.8	1205.9	1087.2	965.0	842.6	727.0
-57.5°	1652.0	1552.4	1457.0	1363.7	1273.3	1163.6	1049.0	938.2	831.3	721.6	620.4
-60°	1413.5	1331.9	1247.3	1160.8	1073.1	978.0	878.6	781.4	686.8	605.8	525.5
-62.5°	1161.9	1085.6	1014.3	941.6	867.0	788.2	707.3	636.0	567.0	497.3	420.7
-65°	910.5	845.4	784.4	731.4	677.7	623.0	561.3	498.3	436.3	376.1	308.8
-67.5°	682.4	636.1	592.6	548.6	500.8	450.6	397.5	345.8	301.5	258.1	205.7
-70°	467.2	429.2	390.9	352.4	317.0	284.0	250.4	215.6	179.2	151.0	122.7
-72.5°	270.4	244.2	218.6	194.5	169.5	152.6	136.5	118.2	98.4	76.8	61.0
-75°	129.6	118.2	106.9	96.6	85.0	72.0	64.8	59.9	55.0	50.1	45.1
-77.5°	63.7	60.0	56.7	54.1	51.2	48.0	44.4	41.2	39.1	37.1	35.1
-80°	41.9	40.4	38.9	37.4	36.0	34.5	33.1	31.7	30.4	29.1	27.7
-82.5°	28.8	27.8	26.7	26.1	25.4	24.7	23.9	23.1	22.2	21.3	20.3
-85°	19.5	18.9	18.3	18.0	17.7	17.2	16.8	16.5	16.1	15.7	15.3
-87.5°	14.5	14.5	14.4	13.8	13.2	12.6	11.9	11.8	11.7	11.6	11.5
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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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°	8.5	8.5	8.5	8.5	8.0	7.5	6.9	6.4	6.4	6.4	6.4
87.5°	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2	4.2	4.2
85°	2.3	2.4	2.4	2.4	2.8	3.2	3.7	4.2	4.2	4.2	4.2
82.5°	2.7	3.1	3.4	3.6	3.6	3.7	3.9	4.2	4.3	4.2	4.2
80°	3.7	3.8	4.0	4.2	4.2	4.2	4.1	4.3	4.5	4.6	4.5
77.5°	4.7	4.4	4.2	4.2	4.2	4.2	4.2	4.3	4.8	5.0	5.1
75°	5.7	4.9	4.4	4.3	4.3	4.2	4.2	4.4	4.9	5.4	5.6
72.5°	6.1	5.6	4.9	4.5	4.8	4.8	4.6	4.4	5.0	5.5	6.0
70°	9.1	6.9	6.0	5.5	5.4	5.5	5.4	5.1	5.0	5.5	6.1
67.5°	13.9	10.6	8.1	6.6	6.1	6.0	6.3	5.9	5.6	5.6	6.1
65°	24.9	16.6	10.4	8.3	6.9	6.3	6.4	6.5	6.1	5.9	6.2
62.5°	35.4	24.8	16.9	11.0	7.8	6.7	6.4	6.7	6.5	6.2	6.3
60°	46.3	34.5	24.1	17.0	10.7	6.9	6.6	7.0	6.9	6.4	6.4
57.5°	46.7	42.9	33.9	23.8	15.8	9.3	6.9	7.3	7.3	6.8	6.4
55°	44.5	42.3	40.5	32.3	21.8	13.6	8.6	7.8	7.8	7.3	6.5
52.5°	39.5	41.6	42.0	38.4	29.2	18.5	12.5	8.3	8.4	7.9	7.1
50°	34.2	39.8	43.0	41.3	35.5	25.4	16.1	11.2	9.0	8.5	7.7
47.5°	32.1	38.7	43.2	44.2	39.4	32.2	21.6	14.1	9.8	9.2	8.2
45°	32.5	37.8	43.6	45.9	43.8	36.9	27.5	16.7	12.0	9.9	8.8
42.5°	35.0	39.8	43.6	48.4	46.7	40.8	33.2	21.4	14.0	10.5	9.4
40°	47.5	44.3	45.3	50.6	50.1	44.6	36.9	26.4	15.8	11.4	9.9
37.5°	64.4	56.5	51.2	57.8	55.3	48.5	40.2	31.1	18.2	12.9	10.5
35°	109.9	75.7	75.2	75.5	65.7	53.1	43.3	35.0	22.5	14.2	11.0
32.5°	167.6	130.5	127.1	105.8	80.0	58.3	47.2	38.4	26.8	15.4	11.5
30°	279.3	251.1	198.8	144.9	102.4	71.9	52.8	42.0	31.1	16.4	12.1
27.5°	462.9	399.7	296.0	211.0	140.2	89.5	60.5	45.7	35.3	18.3	12.9
25°	652.6	572.0	440.2	295.8	183.8	124.9	69.4	49.6	38.8	21.7	13.7
22.5°	836.2	751.2	603.1	392.2	247.5	170.6	88.7	56.6	41.8	24.9	14.4
20°	1015.1	934.7	769.7	480.0	322.4	226.4	122.0	64.0	44.8	28.0	15.0
17.5°	1212.6	1075.9	863.3	582.9	396.7	282.7	160.4	71.8	47.7	30.8	15.5
15°	1455.3	1159.5	953.6	674.3	462.8	338.9	202.6	79.9	50.6	33.5	16.2
12.5°	1672.4	1236.7	1042.4	754.5	521.3	394.4	247.4	87.9	53.3	36.6	17.1
10°	1876.4	1307.7	1128.2	823.7	573.0	448.6	293.0	96.9	57.6	40.1	18.0
7.5°	2062.7	1372.7	1208.9	882.3	615.3	485.9	321.3	108.1	62.1	43.3	18.9
5°	2214.6	1424.3	1265.2	922.1	636.1	503.8	341.8	118.8	66.4	46.2	19.7
2.5°	2286.1	1459.8	1299.8	952.0	653.7	517.8	356.9	128.8	70.5	48.7	20.5
0°	2323.3	1490.2	1322.7	973.0	667.7	527.8	366.7	137.8	74.2	50.9	21.2
-2.5°	2328.7	1497.0	1328.5	994.3	690.0	542.3	379.7	162.3	93.3	62.6	27.8
-5°	2299.5	1497.8	1324.3	1006.3	707.8	552.8	388.3	185.3	111.5	73.6	34.2
-7.5°	2199.7	1475.2	1301.6	1007.3	720.5	559.2	393.4	206.4	128.7	83.6	40.1
-10°	2058.9	1435.7	1257.8	990.2	732.6	568.2	397.6	225.4	144.3	92.5	45.5
-12.5°	1886.8	1391.2	1212.9	969.5	741.5	580.5	410.9	244.5	158.3	100.1	50.1
-15°	1684.5	1342.0	1169.4	946.9	746.8	590.4	420.3	261.5	171.0	106.8	53.8
-17.5°	1462.1	1288.4	1129.6	924.0	748.7	598.4	425.7	274.5	181.6	112.7	57.4
-20°	1412.7	1256.5	1094.7	902.3	747.5	604.9	427.4	283.1	189.9	116.7	60.4



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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°	1393.9	1242.2	1072.1	892.4	745.5	610.1	425.3	286.9	195.8	118.6	62.1
-25°	1374.3	1224.8	1046.6	878.5	745.2	602.9	424.0	285.8	199.1	118.2	62.4
-27.5°	1351.3	1200.5	1014.8	856.4	730.1	591.6	421.3	288.5	199.3	115.5	61.2
-30°	1325.2	1159.4	982.6	828.8	709.6	561.5	411.9	288.0	195.7	112.9	58.4
-32.5°	1288.2	1111.7	942.6	801.9	675.7	528.6	390.6	283.8	188.9	109.6	56.5
-35°	1225.6	1056.9	894.2	768.5	636.1	497.5	368.0	276.0	178.8	104.0	54.0
-37.5°	1156.0	994.5	851.6	726.9	594.9	463.4	350.6	258.4	165.4	96.1	50.3
-40°	1082.7	933.7	804.7	680.2	553.7	426.5	329.5	236.6	152.8	85.8	45.3
-42.5°	1005.3	876.7	752.9	632.1	510.3	399.0	304.5	211.5	136.7	77.1	39.0
-45°	937.0	814.7	696.7	580.0	465.8	367.6	273.0	184.3	117.9	68.3	33.9
-47.5°	863.6	749.3	635.5	523.5	425.9	331.1	237.8	160.4	97.1	57.8	31.6
-50°	788.7	678.5	569.3	470.4	380.3	287.6	201.2	133.8	82.6	45.3	28.9
-52.5°	709.3	601.7	504.9	416.0	326.7	240.1	167.8	105.8	66.9	38.6	25.8
-55°	619.6	527.2	440.8	353.2	268.0	196.2	131.5	86.3	49.9	34.3	22.6
-57.5°	534.7	452.5	366.6	283.6	212.5	150.6	102.1	65.3	41.8	29.7	21.4
-60°	446.3	364.4	285.1	218.3	158.1	111.2	76.6	48.2	36.1	25.5	20.1
-62.5°	345.2	273.4	211.4	154.2	112.5	80.1	53.2	41.3	30.1	23.8	18.8
-65°	248.5	191.0	138.6	106.4	76.0	53.7	44.6	34.0	27.1	22.0	17.4
-67.5°	154.8	122.2	91.9	64.2	52.1	44.0	35.7	29.9	24.8	20.1	16.4
-70°	94.4	67.9	55.6	48.6	41.4	34.8	31.2	26.9	22.3	18.7	15.3
-72.5°	55.0	49.0	43.2	37.4	33.8	30.5	27.4	24.1	20.5	17.2	14.2
-75°	40.2	37.2	34.6	31.7	28.8	26.1	24.1	21.8	18.6	15.7	12.9
-77.5°	32.9	30.6	28.3	26.2	24.3	22.6	21.1	19.4	16.6	14.0	11.7
-80°	26.0	24.4	22.9	21.5	20.2	19.1	18.1	16.9	14.6	12.4	10.4
-82.5°	19.3	18.6	18.0	17.3	16.6	15.9	15.1	14.3	12.4	10.7	9.2
-85°	14.9	14.5	14.1	13.6	13.2	12.7	12.3	11.7	10.4	9.2	8.3
-87.5°	11.3	11.2	11.1	10.9	10.5	10.1	9.6	9.1	8.4	7.8	7.3
-90°	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	6.4	6.4	6.4	6.4	5.3	4.2
87.5°	4.2	4.3	4.4	4.4	4.4	4.3	4.2
85°	4.2	4.4	4.6	4.6	4.6	4.4	4.2
82.5°	4.2	4.6	4.8	4.8	4.8	4.5	4.2
80°	4.3	4.7	5.0	5.1	5.0	4.6	4.2
77.5°	4.9	4.9	5.2	5.3	5.2	4.7	4.2
75°	5.4	5.3	5.4	5.5	5.3	4.8	4.2
72.5°	6.0	5.6	5.6	5.8	5.5	4.9	4.2
70°	6.4	6.0	5.8	6.0	5.7	5.0	4.2
67.5°	6.4	6.3	6.0	6.0	5.9	5.0	4.2
65°	6.4	6.4	6.1	6.1	6.1	5.1	4.2
62.5°	6.4	6.4	6.3	6.2	6.2	5.2	4.2
60°	6.4	6.4	6.4	6.2	6.4	5.3	4.2
57.5°	6.5	6.4	6.4	6.3	6.4	5.4	4.2
55°	6.6	6.4	6.4	6.3	6.4	5.5	4.2
52.5°	6.8	6.4	6.4	6.4	6.4	5.5	4.2
50°	7.0	6.6	6.4	6.4	6.4	5.6	4.2
47.5°	7.3	6.8	6.4	6.4	6.4	5.7	4.2
45°	7.8	7.1	6.4	6.4	6.4	5.8	4.2
42.5°	8.2	7.3	6.4	6.4	6.4	5.8	4.2
40°	8.7	7.6	6.5	6.4	6.4	5.9	4.2
37.5°	9.2	7.9	6.7	6.4	6.4	5.9	4.2
35°	9.6	8.2	6.9	6.4	6.4	6.0	4.2
32.5°	10.0	8.6	7.1	6.4	6.4	6.1	4.2
30°	10.4	8.9	7.4	6.4	6.4	6.1	4.2
27.5°	10.8	9.2	7.5	6.4	6.4	6.2	4.2
25°	11.2	9.5	7.7	6.4	6.4	6.2	4.2
22.5°	11.5	9.8	7.9	6.4	6.4	6.2	4.2
20°	11.9	10.0	8.0	6.4	6.4	6.3	4.2
17.5°	12.2	10.1	8.1	6.4	6.4	6.3	4.2
15°	12.6	10.2	8.2	6.4	6.4	6.3	4.2
12.5°	13.0	10.3	8.3	6.4	6.4	6.3	4.2
10°	13.4	10.4	8.4	6.4	6.4	6.4	4.2
7.5°	13.8	10.5	8.4	6.4	6.4	6.4	4.2
5°	14.2	10.6	8.5	6.4	6.4	6.4	4.2
2.5°	14.5	10.6	8.5	6.4	6.4	6.4	4.2
0°	14.8	10.6	8.5	6.4	6.4	6.4	4.2
-2.5°	17.3	11.5	8.9	6.7	6.5	6.4	4.2
-5°	19.7	12.4	9.2	6.9	6.6	6.4	4.2
-7.5°	22.0	13.3	9.5	7.2	6.7	6.4	4.2
-10°	24.1	14.0	9.8	7.5	6.8	6.4	4.2
-12.5°	25.8	14.7	10.1	7.7	6.8	6.4	4.2
-15°	27.3	15.3	10.4	8.0	6.9	6.3	4.2
-17.5°	28.4	15.8	10.7	8.2	7.0	6.3	4.2
-20°	29.5	16.2	10.9	8.4	7.0	6.3	4.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.5	16.4	11.1	8.5	7.1	6.3	4.2
-25°	30.8	16.6	11.3	8.7	7.1	6.2	4.2
-27.5°	30.3	16.7	11.5	8.8	7.2	6.2	4.2
-30°	29.1	16.6	11.6	8.9	7.2	6.2	4.2
-32.5°	27.0	16.3	11.7	9.0	7.2	6.1	4.2
-35°	25.9	15.8	11.8	9.0	7.2	6.1	4.2
-37.5°	25.3	15.4	11.8	9.1	7.2	6.1	4.2
-40°	24.3	15.4	11.7	9.0	7.1	6.1	4.2
-42.5°	23.1	15.3	11.6	9.0	7.1	6.0	4.2
-45°	21.5	15.1	11.5	8.9	7.0	6.0	4.2
-47.5°	19.6	14.8	11.3	8.8	6.9	5.9	4.2
-50°	18.9	14.4	11.1	8.6	6.9	5.9	4.2
-52.5°	18.2	13.9	10.9	8.5	6.8	5.9	4.2
-55°	17.5	13.5	10.7	8.3	6.7	5.8	4.2
-57.5°	16.6	13.1	10.4	8.1	6.5	5.8	4.2
-60°	15.7	12.6	10.0	7.9	6.4	5.8	4.2
-62.5°	15.0	12.1	9.7	7.7	6.4	5.7	4.2
-65°	14.2	11.5	9.3	7.4	6.4	5.7	4.2
-67.5°	13.4	10.9	8.9	7.2	6.4	5.7	4.2
-70°	12.5	10.3	8.4	6.9	6.4	5.6	4.2
-72.5°	11.5	9.6	8.0	6.8	6.4	5.6	4.2
-75°	10.6	8.9	7.5	6.8	6.4	5.6	4.2
-77.5°	9.6	8.2	7.3	6.7	6.4	5.5	4.2
-80°	8.6	7.7	7.1	6.7	6.4	5.5	4.2
-82.5°	8.0	7.4	6.9	6.6	6.4	5.4	4.2
-85°	7.5	7.1	6.8	6.5	6.4	5.4	4.2
-87.5°	6.9	6.7	6.6	6.5	6.4	5.3	4.2
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2

(END OF REPORT)