

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: P1306063 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-1S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

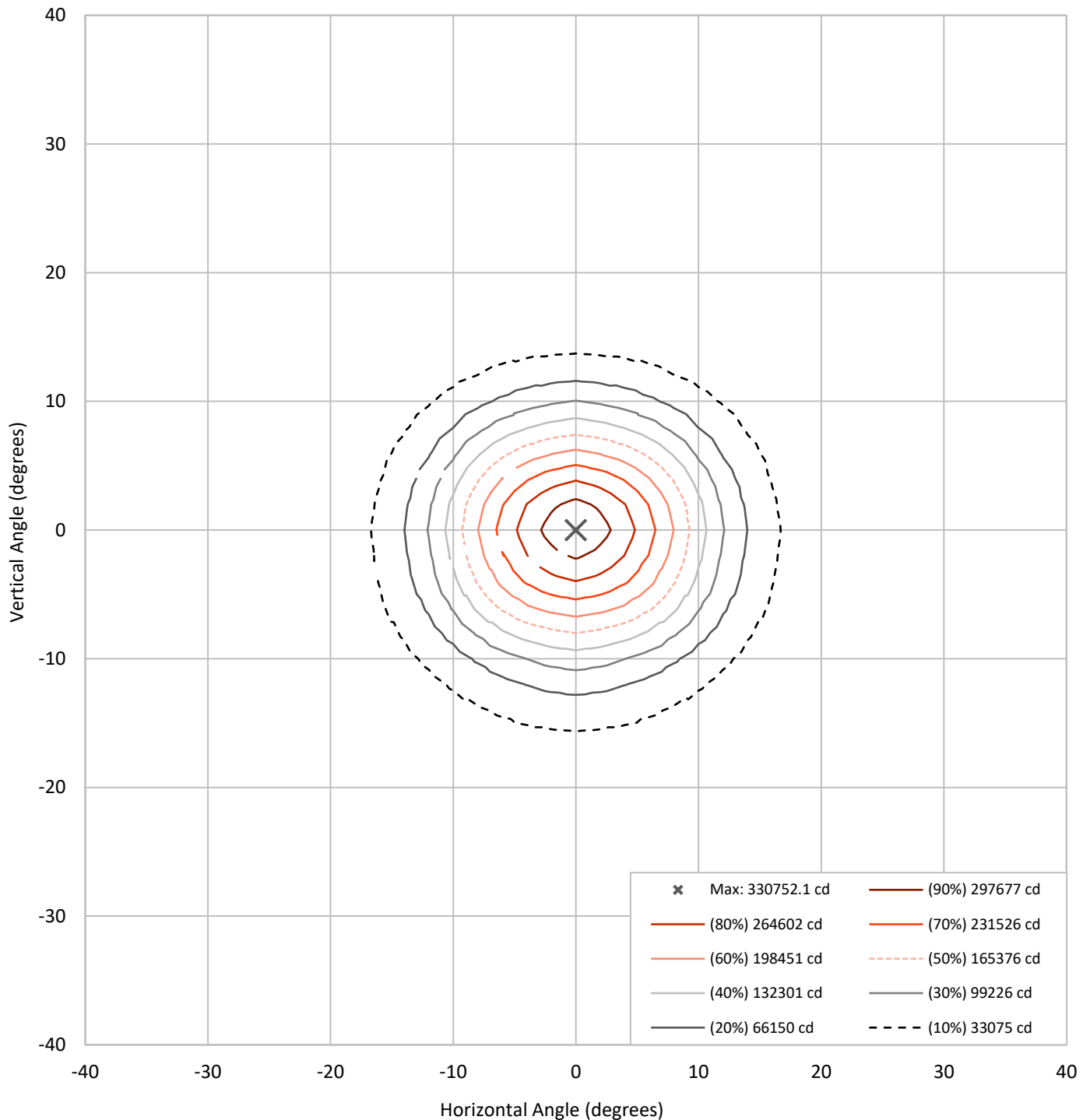
Test Method: LM-79-08  
Report Number: P1306063 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-320N-50-80-1S-CV5-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 80 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:	34004.5 lumens	Max Intensity:	330752.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.2 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:	15682.4 lumens	Field Lumens:	28932.5 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	336		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





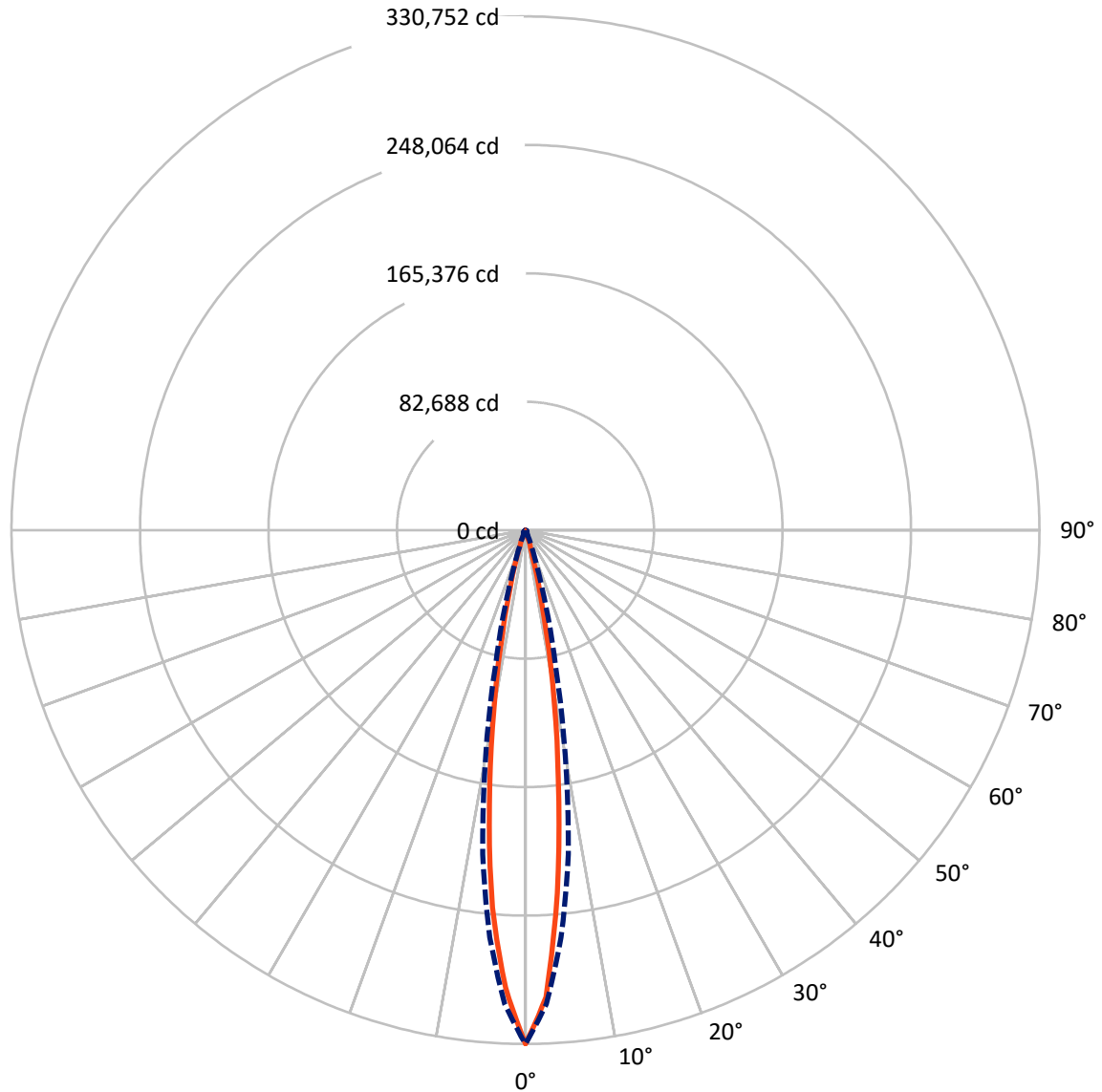
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### Lumen Table

90	0.1	0.2		0.4		0.4		0.5		0.4		0.4		0.2		0.1			
80	0.1	0.2		0.4		0.4		0.5		0.4		0.4		0.2		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	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.2	0.1	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.1	0.2			
40		0.2	0.4	0.5	0.9	1.2	1.3	1.5	1.5	1.3	1.2	0.9	0.5	0.4	0.2				
30	0.2	0.3	0.9	2.0	3.8	4.3	6.1	12.3	12.3	6.1	4.3	3.8	2.0	0.9	0.3	0.2			
20		0.7	2.7	9.3	17.3	23.0	170.5	710.1	710.1	170.5	23.0	17.3	9.3	2.7	0.7				
10	0.2	1.1	5.5	23.3	37.8	86.0	1250.8	5420.0	5420.0	1250.8	86.0	37.8	23.3	5.5	1.1	0.2			
0		1.4	6.4	26.9	44.3	88.1	1342.4	5665.2	5665.2	1342.4	88.1	44.3	26.9	6.4	1.4				
-10	0.3	1.5	5.6	20.3	36.6	40.3	286.3	1112.0	1112.0	286.3	40.3	36.6	20.3	5.6	1.5	0.3			
-20		1.4	4.8	11.4	29.5	34.1	37.6	73.2	73.2	37.6	34.1	29.5	11.4	4.8	1.4				
-30	0.3	1.3	4.1	7.2	18.0	34.1	39.8	40.2	40.2	39.8	34.1	18.0	7.2	4.1	1.3	0.3			
-40		0.9	3.0	6.2	9.8	17.2	29.0	38.1	38.1	29.0	17.2	9.8	6.2	3.0	0.9				
-50	0.2	0.4	1.7	4.1	7.3	10.1	11.9	13.3	13.3	11.9	10.1	7.3	4.1	1.7	0.4	0.2			
-60		0.2	0.6	1.7	3.2	5.1	6.7	7.9	7.9	6.7	5.1	3.2	1.7	0.6	0.2				
-70	0.1	0.6		1.5		3.6		6.0		3.6		1.5		0.6		0.1			
-80		0.6		1.5		3.6		6.0		3.6		1.5		0.6					
-90	0.1	0.6		1.5		3.6		6.0		3.6		1.5		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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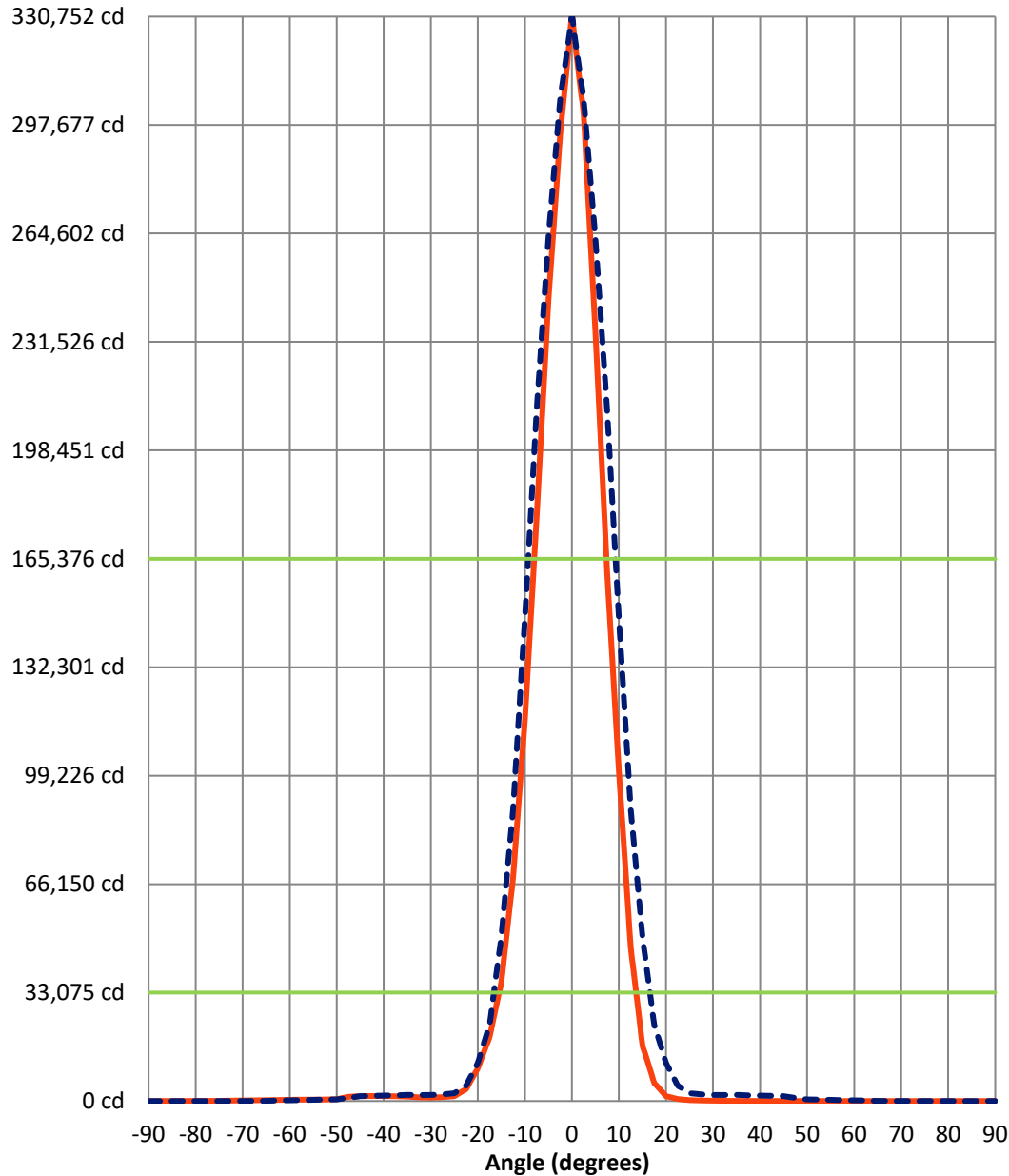
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 18.6°  
 V Angle: 15.4°  
 Lumens: 15682.4  
 Efficiency: 46.1%

**Field:**  
 H Angle: 33.2°  
 V Angle: 29.1°  
 Lumens: 28932.5  
 Efficiency: 85.1%

**Spill:**  
 Lumens: 5072  
 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°	4.2	4.2	4.2	4.4	4.6	4.8	5.0	5.0	5.0	5.0	5.0
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
77.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
75°	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4.3	4.2
72.5°	4.2	4.2	4.2	4.2	4.4	4.5	4.3	4.2	4.4	4.4	4.3
70°	4.2	4.2	4.2	4.2	4.5	4.6	4.4	4.4	4.5	4.5	4.6
67.5°	4.2	4.2	4.2	4.4	4.7	4.7	4.6	4.7	4.7	4.8	4.9
65°	4.2	4.2	4.2	4.6	4.9	4.9	4.8	4.9	5.0	5.2	5.2
62.5°	4.2	4.2	4.2	4.7	5.1	5.1	5.1	5.1	5.3	5.5	5.3
60°	4.2	4.2	4.2	4.9	5.3	5.3	5.3	5.4	5.6	5.6	5.5
57.5°	4.2	4.2	4.3	5.1	5.4	5.5	5.6	5.7	5.9	5.9	5.8
55°	4.2	4.2	4.4	5.3	5.6	5.7	5.9	6.0	6.1	6.1	6.2
52.5°	4.2	4.2	4.5	5.5	5.7	5.9	6.2	6.3	6.4	6.5	6.7
50°	4.2	4.2	4.6	5.7	5.9	6.2	6.6	6.7	6.7	6.9	7.7
47.5°	4.2	4.2	4.7	5.8	6.0	6.5	6.9	7.2	7.0	7.3	8.7
45°	4.2	4.2	4.8	5.9	6.2	6.8	7.3	7.6	7.5	8.1	9.7
42.5°	4.2	4.2	4.9	6.1	6.3	7.1	7.7	8.1	8.1	8.9	10.7
40°	4.2	4.2	4.9	6.1	6.5	7.4	8.2	8.7	8.9	9.7	11.6
37.5°	4.2	4.2	5.0	6.1	6.8	7.7	8.6	9.3	9.8	10.8	12.3
35°	4.2	4.2	5.0	6.1	7.0	8.0	9.1	9.9	10.8	12.0	12.8
32.5°	4.2	4.2	5.1	6.2	7.2	8.4	9.6	10.6	11.7	13.3	14.2
30°	4.2	4.2	5.1	6.2	7.5	8.8	10.2	11.3	12.6	14.7	15.8
27.5°	4.2	4.2	5.1	6.2	7.5	9.2	10.7	12.0	13.6	16.2	17.6
25°	4.2	4.2	5.2	6.2	7.6	9.6	11.3	12.8	14.8	17.8	19.6
22.5°	4.2	4.2	5.2	6.2	7.6	9.9	11.9	13.5	16.1	19.4	22.6
20°	4.2	4.2	5.2	6.2	7.5	9.8	12.4	14.2	17.4	21.0	25.8
17.5°	4.2	4.2	5.2	6.1	7.5	9.8	12.5	14.9	18.6	22.8	29.2
15°	4.2	4.2	5.2	6.1	7.4	9.7	12.3	15.2	19.9	24.5	32.7
12.5°	4.2	4.2	5.1	6.1	7.3	9.5	12.0	15.0	20.5	26.3	36.3
10°	4.2	4.2	5.1	6.1	7.2	9.3	11.7	14.8	20.5	27.1	39.7
7.5°	4.2	4.2	5.1	6.0	7.1	9.1	11.4	14.5	20.3	27.8	42.8
5°	4.2	4.2	5.1	6.0	7.0	8.9	11.0	14.2	20.1	28.4	45.9
2.5°	4.2	4.2	5.0	6.0	6.8	8.7	10.5	13.9	19.8	29.0	48.7
0°	4.2	4.2	5.0	5.9	6.7	8.4	10.1	13.5	19.4	29.4	51.3
-2.5°	4.2	4.2	5.0	5.9	6.8	8.5	10.5	14.9	22.8	35.2	59.3
-5°	4.2	4.2	5.0	5.9	6.8	8.6	11.0	16.3	26.1	40.8	66.8
-7.5°	4.2	4.3	5.0	5.9	6.9	8.6	11.3	17.5	29.1	45.9	73.5
-10°	4.2	4.3	5.0	5.9	6.9	8.7	11.6	18.5	31.7	50.5	79.5
-12.5°	4.2	4.3	5.0	5.8	7.0	8.7	11.9	19.3	33.8	54.5	85.2
-15°	4.2	4.3	5.0	5.8	7.0	8.7	12.0	19.9	36.0	58.7	90.1
-17.5°	4.2	4.3	4.9	5.8	7.0	8.7	12.1	20.9	38.3	62.1	94.0
-20°	4.2	4.3	4.9	5.7	7.0	8.7	12.3	21.9	40.0	64.8	96.6



REPORT NUMBER: P1306063 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-80-1S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.2	4.3	4.9	5.7	6.9	8.6	12.6	22.5	41.0	66.7	98.1
-25°	4.2	4.4	4.9	5.6	6.9	8.7	12.7	22.6	41.2	67.8	98.2
-27.5°	4.2	4.4	4.9	5.6	6.8	8.8	12.7	22.2	40.7	68.0	99.0
-30°	4.2	4.4	4.9	5.5	6.7	8.8	12.3	21.1	39.9	67.2	98.7
-32.5°	4.2	4.4	4.9	5.5	6.7	8.8	11.8	20.5	38.6	65.3	97.3
-35°	4.2	4.4	4.9	5.4	6.6	8.7	11.5	19.8	36.5	62.2	94.7
-37.5°	4.2	4.4	4.9	5.3	6.6	8.6	11.4	18.7	33.6	58.0	87.6
-40°	4.2	4.4	4.9	5.3	6.5	8.6	11.3	17.3	29.7	53.6	79.3
-42.5°	4.2	4.4	4.9	5.2	6.4	8.4	11.0	15.5	26.8	47.0	70.2
-45°	4.2	4.4	4.9	5.2	6.4	8.3	10.7	14.0	24.3	39.6	60.6
-47.5°	4.2	4.4	4.9	5.2	6.4	8.1	10.3	13.6	21.2	31.8	51.7
-50°	4.2	4.4	4.9	5.2	6.3	7.9	10.0	13.0	17.3	27.4	42.3
-52.5°	4.2	4.4	4.9	5.2	6.3	7.7	9.7	12.3	15.4	22.7	32.7
-55°	4.2	4.4	4.9	5.2	6.2	7.5	9.4	11.5	14.3	17.8	27.1
-57.5°	4.2	4.4	4.9	5.3	6.1	7.4	9.0	11.1	13.1	15.7	21.3
-60°	4.2	4.4	4.9	5.3	6.0	7.2	8.6	10.5	12.1	14.3	16.7
-62.5°	4.2	4.4	4.9	5.3	5.9	7.0	8.3	9.9	11.4	13.0	15.2
-65°	4.2	4.4	4.8	5.2	5.8	6.8	8.1	9.3	10.6	12.0	13.6
-67.5°	4.2	4.3	4.8	5.2	5.8	6.6	7.8	8.9	9.9	11.2	12.5
-70°	4.2	4.3	4.7	5.2	5.7	6.4	7.4	8.5	9.4	10.3	11.5
-72.5°	4.2	4.3	4.7	5.1	5.6	6.2	7.1	8.0	8.9	9.8	10.6
-75°	4.2	4.3	4.6	5.0	5.4	6.0	6.7	7.5	8.4	9.2	10.0
-77.5°	4.2	4.3	4.5	4.9	5.3	5.7	6.3	7.0	7.7	8.6	9.4
-80°	4.2	4.3	4.5	4.8	5.2	5.5	5.9	6.5	7.0	7.7	8.4
-82.5°	4.2	4.3	4.4	4.7	5.0	5.4	5.7	6.0	6.3	6.8	7.4
-85°	4.2	4.2	4.3	4.6	4.9	5.2	5.5	5.7	5.9	6.1	6.4
-87.5°	4.2	4.2	4.3	4.5	4.7	5.0	5.2	5.3	5.4	5.6	5.7
-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°	5.0	5.0	5.0	5.0	5.2	5.5	5.7	5.9	5.9	5.9	5.9
87.5°	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.5	2.5	2.5
85°	4.0	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6
82.5°	4.0	3.8	3.6	3.4	3.4	3.4	3.4	3.4	3.2	3.0	2.7
80°	4.0	3.8	3.7	3.7	3.7	3.6	3.6	3.4	3.2	3.0	2.9
77.5°	4.1	4.0	4.0	4.1	4.1	3.9	3.9	3.8	3.8	3.7	3.6
75°	4.2	4.2	4.3	4.2	4.2	4.1	4.2	4.2	4.1	4.1	4.1
72.5°	4.3	4.4	4.4	4.3	4.2	4.2	4.2	4.2	4.7	5.5	6.1
70°	4.7	4.7	4.5	4.3	4.2	4.4	5.4	6.5	7.7	8.8	10.3
67.5°	4.9	4.8	4.6	4.5	5.2	6.3	7.6	10.7	14.4	16.0	16.7
65°	5.0	4.8	5.0	5.7	6.6	8.8	12.2	16.6	21.3	22.1	21.6
62.5°	5.0	5.3	5.8	7.0	8.8	11.8	16.1	21.0	26.4	26.5	23.1
60°	5.4	5.8	7.1	9.0	11.1	14.5	19.4	23.2	27.1	28.6	21.9
57.5°	5.9	6.8	8.8	11.1	13.8	16.2	18.9	22.5	24.1	24.0	17.7
55°	6.7	8.2	10.6	13.5	15.5	15.0	16.8	18.0	18.3	17.1	12.3
52.5°	8.0	9.8	12.8	15.3	15.7	14.1	13.1	13.8	13.0	11.1	9.6
50°	9.3	11.7	14.8	16.4	15.5	12.7	10.5	10.6	10.0	9.1	8.2
47.5°	10.7	13.5	16.4	17.1	14.2	12.1	10.2	9.5	9.0	8.6	7.9
45°	12.1	14.8	17.9	16.0	13.7	12.6	11.1	9.3	9.3	9.0	9.0
42.5°	13.2	15.8	17.1	15.0	14.7	13.8	12.5	10.9	10.1	10.5	10.8
40°	13.9	16.6	16.4	16.4	16.1	15.7	14.7	13.4	12.0	12.9	13.4
37.5°	14.4	16.4	16.9	18.8	18.2	18.1	17.4	17.6	16.6	16.0	18.1
35°	14.8	16.8	19.7	21.9	21.7	20.9	22.0	22.7	22.3	21.7	24.8
32.5°	15.2	17.7	23.3	25.7	26.5	26.0	27.4	28.7	30.1	31.7	36.8
30°	16.8	20.9	27.3	29.9	32.5	35.5	34.9	35.9	39.6	51.5	62.7
27.5°	20.0	25.2	31.3	35.5	40.2	47.2	48.8	46.9	58.4	77.4	97.3
25°	23.7	37.9	35.7	42.2	51.5	61.2	66.5	70.6	86.3	114.2	135.0
22.5°	30.9	54.8	54.4	49.5	64.4	77.5	90.1	118.0	157.6	170.3	174.4
20°	43.3	71.6	76.9	78.6	83.6	95.6	117.0	182.6	261.8	291.7	259.8
17.5°	57.8	90.0	101.6	114.4	130.0	133.5	151.8	260.3	391.5	436.4	436.6
15°	74.1	109.7	127.9	153.8	179.4	195.7	256.1	387.3	531.9	602.9	643.5
12.5°	91.5	130.3	155.4	195.8	231.3	259.8	391.8	601.1	735.5	797.5	915.8
10°	109.5	151.5	183.5	239.7	284.9	325.2	544.4	829.1	960.1	1020.8	1156.0
7.5°	127.4	171.4	211.0	284.4	339.3	391.1	706.9	1064.7	1176.7	1230.9	1341.0
5°	144.6	189.0	232.8	318.4	382.3	445.1	854.2	1299.4	1386.7	1430.4	1492.5
2.5°	160.4	205.7	253.7	348.9	416.8	479.2	918.3	1402.5	1498.2	1563.7	1616.7
0°	174.2	221.3	273.4	376.9	449.3	510.7	965.0	1487.5	1588.5	1666.7	1730.7
-2.5°	174.8	224.6	279.9	375.8	442.1	505.7	920.4	1468.3	1619.5	1736.9	1832.8
-5°	173.2	226.5	284.7	372.1	433.1	498.1	861.7	1422.2	1625.8	1750.8	1848.7
-7.5°	169.7	227.0	287.5	365.6	419.8	478.9	810.3	1328.0	1552.3	1659.4	1763.3
-10°	165.2	225.7	283.3	350.4	400.7	452.5	745.0	1218.5	1477.0	1568.9	1665.5
-12.5°	161.3	223.0	277.2	335.4	381.3	425.4	659.6	1098.1	1402.3	1482.4	1559.5
-15°	156.7	219.6	270.3	321.4	362.1	398.0	552.9	970.6	1329.4	1419.3	1478.9
-17.5°	151.8	215.4	262.9	309.1	343.4	370.9	426.6	817.5	1207.8	1345.0	1414.7
-20°	146.9	210.5	255.1	299.2	325.9	351.8	389.1	661.4	1018.4	1255.2	1344.3



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	142.3	205.2	247.5	289.1	316.5	339.5	369.3	509.6	818.3	1153.7	1261.2
-25°	140.6	196.9	240.1	279.3	309.6	327.9	349.0	382.0	633.5	952.3	1167.8
-27.5°	140.1	190.0	231.3	269.0	304.1	318.0	334.2	359.3	488.1	745.7	1052.7
-30°	137.9	180.1	221.6	258.2	293.5	312.4	322.6	342.5	377.0	574.9	826.7
-32.5°	131.5	169.6	210.1	246.6	281.0	309.1	316.9	333.6	359.1	415.7	620.0
-35°	123.6	159.6	197.5	234.2	268.2	299.4	316.8	326.7	343.7	370.7	462.5
-37.5°	116.1	149.0	184.6	220.5	253.7	285.3	315.8	324.5	335.9	355.2	390.2
-40°	107.3	137.6	171.9	206.0	238.1	269.4	299.4	324.9	331.7	351.2	375.7
-42.5°	97.3	126.6	158.8	190.6	220.7	251.4	281.6	310.1	336.8	350.2	369.1
-45°	86.3	114.2	145.0	173.4	201.5	231.5	261.0	290.6	325.1	356.2	368.9
-47.5°	74.4	100.7	129.4	155.0	181.1	208.9	238.4	269.7	304.4	338.8	374.3
-50°	62.2	86.5	111.4	135.7	159.7	185.1	212.3	245.2	278.4	312.7	347.1
-52.5°	51.0	71.3	93.6	115.9	138.0	160.4	186.4	216.2	248.1	281.1	311.6
-55°	39.1	57.2	75.4	96.0	116.6	136.5	159.6	186.4	214.1	244.5	272.1
-57.5°	30.4	43.0	58.7	75.6	94.6	113.9	134.8	156.3	180.9	206.4	229.3
-60°	23.5	31.6	43.0	57.2	71.9	90.1	109.8	129.4	149.2	167.9	187.5
-62.5°	17.3	23.8	30.9	40.0	52.7	66.3	83.1	101.0	119.1	135.0	149.3
-65°	15.6	17.4	22.4	28.7	34.7	46.7	59.3	72.0	87.6	101.5	114.5
-67.5°	13.9	15.5	17.1	19.6	25.1	31.4	37.9	49.0	60.1	69.7	79.4
-70°	12.6	13.6	15.0	16.4	17.9	20.7	26.2	31.9	37.6	44.3	52.8
-72.5°	11.5	12.4	13.3	14.1	15.4	17.0	18.6	20.2	23.5	28.1	32.7
-75°	10.6	11.2	12.0	12.8	13.6	14.5	15.5	16.9	18.2	19.4	20.4
-77.5°	9.8	10.3	10.8	11.4	12.0	12.7	13.5	14.3	15.1	16.0	17.0
-80°	8.9	9.3	9.6	10.0	10.4	10.9	11.4	12.0	12.4	12.8	13.4
-82.5°	7.7	8.0	8.3	8.6	8.8	9.1	9.4	9.7	9.8	10.0	10.1
-85°	6.6	6.7	6.9	7.1	7.3	7.4	7.6	7.8	7.7	7.7	7.6
-87.5°	5.8	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.3	6.2	6.1
-90°	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.5	2.5	2.5



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.9	5.9	5.9	5.9	5.9	8.2	10.5	12.8	15.1	20.8	26.5
87.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8
85°	2.5	2.3	2.1	1.9	1.7	1.7	1.6	1.6	1.6	1.4	1.2
82.5°	2.5	2.4	2.3	2.3	2.3	2.2	2.0	1.9	1.7	1.5	1.3
80°	2.8	2.8	2.7	2.6	2.5	2.3	2.1	1.9	1.7	1.7	1.7
77.5°	3.5	3.4	3.1	2.9	2.6	2.4	2.4	2.4	2.4	2.2	2.1
75°	4.1	4.1	4.0	3.8	3.4	3.3	3.4	3.3	3.2	3.1	2.9
72.5°	6.7	6.8	6.5	6.2	5.8	5.6	5.6	5.5	5.4	5.3	5.2
70°	11.2	11.3	10.9	10.1	8.9	8.0	7.6	7.2	6.7	6.7	7.2
67.5°	16.1	15.0	13.8	12.4	10.6	9.3	8.6	7.9	7.1	6.7	6.5
65°	19.5	15.5	13.2	11.6	10.6	9.6	8.5	7.5	6.6	6.0	5.7
62.5°	18.6	13.2	10.8	9.7	8.9	8.2	7.1	6.1	5.3	4.7	4.7
60°	16.0	11.1	8.5	7.6	6.7	5.9	5.4	4.9	4.5	4.3	4.5
57.5°	12.5	8.7	6.6	6.3	5.9	5.3	5.0	4.8	4.5	4.2	4.5
55°	9.1	7.6	6.7	6.5	6.3	6.0	5.7	5.3	5.0	4.7	4.9
52.5°	7.9	7.4	7.4	7.3	6.8	6.3	5.9	5.8	5.7	5.6	5.7
50°	7.7	7.6	7.7	7.5	7.1	6.8	6.6	6.6	6.5	6.4	6.5
47.5°	7.9	8.0	8.0	7.6	7.5	7.6	7.6	7.5	7.6	7.7	7.9
45°	8.6	8.9	9.0	9.2	8.9	9.2	9.2	9.1	10.5	10.6	10.0
42.5°	10.5	11.7	12.5	12.2	11.1	13.3	16.7	18.1	16.6	14.4	13.0
40°	15.0	16.4	17.0	18.1	22.5	25.9	22.8	19.7	18.3	19.4	20.4
37.5°	20.9	22.8	28.2	34.9	32.5	26.4	27.1	27.3	26.7	28.5	28.7
35°	30.6	39.3	45.7	43.7	40.6	40.0	41.5	41.9	37.9	39.7	40.3
32.5°	49.1	59.6	60.1	57.4	58.9	59.2	63.3	60.6	57.1	58.8	63.5
30°	70.8	81.3	85.1	80.2	71.3	76.3	80.6	79.3	81.7	88.9	96.5
27.5°	104.8	111.6	117.9	108.2	90.5	98.3	101.3	98.2	115.0	124.0	141.9
25°	145.5	153.1	158.1	149.9	137.7	131.5	141.0	148.1	168.6	188.6	216.6
22.5°	189.7	210.3	216.2	194.9	194.9	194.8	198.5	222.8	250.3	294.4	368.3
20°	241.3	282.2	314.8	293.2	265.5	284.2	307.4	337.3	415.8	615.6	842.7
17.5°	424.0	395.3	455.5	457.5	417.6	461.3	544.6	651.8	983.2	2002.2	2670.2
15°	721.5	691.2	653.8	655.8	695.2	780.9	951.3	1544.7	3008.4	5183.4	7431.1
12.5°	1025.1	979.8	924.7	910.1	996.2	1168.9	1972.7	4414.4	7861.0	11614.3	21242.4
10°	1264.8	1240.6	1189.8	1227.8	1371.5	1878.6	3522.5	7757.4	14869.6	27304.3	42647.5
7.5°	1405.4	1396.2	1409.9	1521.3	1755.6	3090.7	6705.1	13000.2	24720.2	43563.5	71205.7
5°	1546.5	1554.2	1595.7	1749.0	2048.9	3931.3	9463.5	18065.4	35793.0	63491.6	106297.4
2.5°	1703.0	1710.0	1765.8	1958.8	2302.0	4062.7	10119.9	21291.1	45382.4	81679.8	138421.9
0°	1883.0	1842.6	1859.4	2035.3	2389.5	4738.6	11678.9	23347.8	50226.8	89234.8	147108.8
-2.5°	1946.9	1860.5	1844.7	1993.2	2303.7	4199.3	10432.7	21711.2	46132.2	81750.3	137174.3
-5°	1903.5	1785.5	1738.2	1859.7	2154.4	3682.1	8772.2	19755.7	40958.3	69933.4	116236.1
-7.5°	1795.7	1682.5	1612.9	1704.3	1961.7	3034.1	6719.5	14960.3	29812.9	51743.1	82571.5
-10°	1703.1	1594.6	1488.5	1517.8	1696.1	2258.5	4183.2	9799.3	19697.0	34928.0	52496.6
-12.5°	1623.0	1532.1	1373.3	1325.0	1424.8	1688.8	2919.6	6679.1	12599.1	19813.5	32128.7
-15°	1540.2	1465.6	1307.0	1230.6	1266.2	1394.8	1728.2	3208.1	6898.7	11742.8	17048.2
-17.5°	1448.2	1397.1	1301.7	1188.8	1140.6	1192.3	1351.5	1808.6	3065.8	6084.7	9392.8
-20°	1386.0	1357.5	1287.5	1188.4	1126.4	1102.5	1157.7	1297.7	1606.5	2763.6	4188.7



REPORT NUMBER: P1306063 (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°	1307.9	1296.1	1248.9	1220.5	1175.1	1123.9	1075.4	1118.8	1221.4	1379.0	1871.4
-25°	1234.1	1237.0	1240.1	1277.4	1270.1	1198.5	1106.6	1040.8	1075.3	1124.8	1224.4
-27.5°	1152.5	1193.0	1256.0	1326.1	1358.8	1298.2	1189.9	1091.3	1061.9	1033.0	1075.1
-30°	1080.7	1163.3	1230.7	1316.5	1372.7	1354.7	1298.9	1232.3	1160.3	1110.2	1093.8
-32.5°	895.6	1124.5	1186.8	1255.8	1339.8	1366.6	1360.2	1334.7	1303.8	1268.6	1232.0
-35°	696.0	950.1	1159.2	1198.8	1253.7	1333.0	1395.4	1399.7	1395.7	1382.7	1372.9
-37.5°	491.6	733.4	953.7	1130.5	1196.3	1249.1	1344.6	1417.6	1459.1	1455.8	1456.8
-40°	408.2	474.8	696.4	900.7	1052.2	1193.4	1269.6	1365.1	1441.1	1472.0	1495.6
-42.5°	393.8	419.6	446.1	599.4	794.4	965.2	1096.6	1217.9	1325.1	1401.6	1462.3
-45°	383.7	401.2	421.2	446.7	474.1	626.7	796.5	954.3	1057.5	1160.7	1268.5
-47.5°	383.3	387.6	401.8	419.7	437.2	461.9	490.2	528.7	642.9	746.6	856.0
-50°	371.8	389.1	393.9	399.4	410.6	424.2	437.5	451.4	464.4	472.6	483.7
-52.5°	338.0	360.4	381.3	397.7	402.0	406.1	409.9	418.9	427.7	434.9	443.1
-55°	297.2	320.9	344.0	362.8	379.7	395.7	407.6	409.6	412.2	415.4	420.4
-57.5°	253.0	276.1	297.9	317.6	336.2	353.4	365.8	375.0	383.6	391.8	402.5
-60°	207.5	227.8	247.8	266.9	285.2	302.6	314.0	323.4	331.5	339.6	350.5
-62.5°	162.9	178.6	196.6	213.8	229.7	244.6	256.5	266.5	274.9	283.3	293.5
-65°	126.7	138.3	151.7	164.2	176.0	189.8	202.6	213.1	221.5	229.8	238.9
-67.5°	90.4	101.2	113.7	125.3	136.2	146.8	157.5	167.6	177.0	186.5	195.9
-70°	60.4	68.1	77.1	87.0	97.2	106.8	116.0	124.8	133.2	141.6	149.7
-72.5°	37.5	42.2	47.2	53.9	60.8	67.4	74.0	80.5	86.9	94.5	102.0
-75°	21.4	23.3	27.1	30.8	34.2	37.5	40.3	42.7	44.7	49.1	54.0
-77.5°	18.0	18.9	19.9	20.9	21.9	23.3	24.8	26.4	27.9	31.6	35.5
-80°	14.0	14.6	15.3	16.0	16.8	17.9	18.9	19.9	20.9	23.5	26.3
-82.5°	10.3	10.6	10.9	11.2	11.4	12.2	13.0	13.9	14.6	16.8	19.1
-85°	7.5	7.6	7.7	7.8	7.9	8.6	9.3	10.0	10.7	12.9	15.1
-87.5°	5.9	5.9	5.9	5.9	5.9	6.6	7.3	8.0	8.6	11.0	13.2
-90°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8



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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°	32.2	37.9	32.0	26.1	32.0	37.9	32.2	26.5	20.8	15.1	12.8
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
85°	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4	1.6	1.6
82.5°	1.0	0.8	1.2	1.7	1.2	0.8	1.0	1.3	1.5	1.7	1.9
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
77.5°	1.9	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.4	2.4
75°	2.7	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.1	3.2	3.3
72.5°	5.1	5.0	5.0	5.0	5.0	5.0	5.1	5.2	5.3	5.4	5.5
70°	7.7	8.2	8.4	8.4	8.4	8.2	7.7	7.2	6.7	6.7	7.2
67.5°	6.3	6.0	5.9	5.9	5.9	6.0	6.3	6.5	6.7	7.1	7.9
65°	5.4	5.1	5.0	5.0	5.0	5.1	5.4	5.7	6.0	6.6	7.5
62.5°	4.8	5.0	5.0	5.0	5.0	5.0	4.8	4.7	4.7	5.3	6.1
60°	4.7	4.9	5.0	5.0	5.0	4.9	4.7	4.5	4.3	4.5	4.9
57.5°	4.7	4.9	5.0	5.0	5.0	4.9	4.7	4.5	4.2	4.5	4.8
55°	5.0	5.0	5.3	5.9	5.3	5.0	5.0	4.9	4.7	5.0	5.3
52.5°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.7	5.8
50°	6.6	6.6	6.7	6.7	6.7	6.6	6.6	6.5	6.4	6.5	6.6
47.5°	8.1	8.3	8.4	8.4	8.4	8.3	8.1	7.9	7.7	7.6	7.5
45°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.0	10.6	10.5	9.1
42.5°	13.5	13.9	14.2	14.3	14.2	13.9	13.5	13.0	14.4	16.6	18.1
40°	21.4	21.7	21.5	21.0	21.5	21.7	21.4	20.4	19.4	18.3	19.7
37.5°	29.1	29.7	30.1	30.3	30.1	29.7	29.1	28.7	28.5	26.7	27.3
35°	40.8	41.2	41.0	42.1	41.0	41.2	40.8	40.3	39.7	37.9	41.9
32.5°	66.5	66.8	64.8	65.6	64.8	66.8	66.5	63.5	58.8	57.1	60.6
30°	101.8	106.5	109.4	112.7	109.4	106.5	101.8	96.5	88.9	81.7	79.3
27.5°	155.0	166.5	174.0	178.4	174.0	166.5	155.0	141.9	124.0	115.0	98.2
25°	242.1	259.5	268.8	276.0	268.8	259.5	242.1	216.6	188.6	168.6	148.1
22.5°	470.2	536.7	574.0	609.1	574.0	536.7	470.2	368.3	294.4	250.3	222.8
20°	1205.8	1283.5	1429.9	1520.3	1429.9	1283.5	1205.8	842.7	615.6	415.8	337.3
17.5°	4062.0	5178.6	5387.1	5544.6	5387.1	5178.6	4062.0	2670.2	2002.2	983.2	651.8
15°	12096.6	15410.8	16302.7	17062.0	16302.7	15410.8	12096.6	7431.1	5183.4	3008.4	1544.7
12.5°	29206.3	38328.0	43289.3	47058.7	43289.3	38328.0	29206.3	21242.4	11614.3	7861.0	4414.4
10°	61191.5	79049.6	92604.0	100453.6	92604.0	79049.6	61191.5	42647.5	27304.3	14869.6	7757.4
7.5°	104206.7	134474.6	152168.1	161174.3	152168.1	134474.6	104206.7	71205.7	43563.5	24720.2	13000.2
5°	157173.0	196245.8	220939.0	234517.1	220939.0	196245.8	157173.0	106297.4	63491.6	35793.0	18065.4
2.5°	196324.0	246450.7	283465.0	300875.7	283465.0	246450.7	196324.0	138421.9	81679.8	45382.4	21291.1
0°	210500.0	263090.6	305403.5	330752.1	305403.5	263090.6	210500.0	147108.8	89234.8	50226.8	23347.8
-2.5°	196967.3	246338.4	279294.4	294630.2	279294.4	246338.4	196967.3	137174.3	81750.3	46132.2	21711.2
-5°	167492.7	210177.6	233860.5	243885.6	233860.5	210177.6	167492.7	116236.1	69933.4	40958.3	19755.7
-7.5°	118833.1	151393.4	168038.8	177913.6	168038.8	151393.4	118833.1	82571.5	51743.1	29812.9	14960.3
-10°	74816.9	93121.0	109043.4	116246.0	109043.4	93121.0	74816.9	52496.6	34928.0	19697.0	9799.3
-12.5°	43449.8	55038.3	64354.7	68312.3	64354.7	55038.3	43449.8	32128.7	19813.5	12599.1	6679.1
-15°	24011.6	30344.4	34633.7	36311.5	34633.7	30344.4	24011.6	17048.2	11742.8	6898.7	3208.1
-17.5°	13352.3	16425.3	17644.4	19599.5	17644.4	16425.3	13352.3	9392.8	6084.7	3065.8	1808.6
-20°	6541.4	8134.9	8645.8	10024.8	8645.8	8134.9	6541.4	4188.7	2763.6	1606.5	1297.7



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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°	2540.9	2917.0	3000.8	3654.9	3000.8	2917.0	2540.9	1871.4	1379.0	1221.4	1118.8
-25°	1319.6	1383.0	1412.4	1489.2	1412.4	1383.0	1319.6	1224.4	1124.8	1075.3	1040.8
-27.5°	1109.2	1140.0	1164.5	1201.5	1164.5	1140.0	1109.2	1075.1	1033.0	1061.9	1091.3
-30°	1081.1	1075.7	1076.4	1080.3	1076.4	1075.7	1081.1	1093.8	1110.2	1160.3	1232.3
-32.5°	1202.9	1184.2	1174.9	1140.0	1174.9	1184.2	1202.9	1232.0	1268.6	1303.8	1334.7
-35°	1367.0	1365.4	1366.6	1350.4	1366.6	1365.4	1367.0	1372.9	1382.7	1395.7	1399.7
-37.5°	1457.2	1459.9	1463.1	1458.1	1463.1	1459.9	1457.2	1456.8	1455.8	1459.1	1417.6
-40°	1503.8	1511.4	1516.7	1515.3	1516.7	1511.4	1503.8	1495.6	1472.0	1441.1	1365.1
-42.5°	1492.6	1511.3	1520.6	1523.7	1520.6	1511.3	1492.6	1462.3	1401.6	1325.1	1217.9
-45°	1367.0	1443.7	1489.9	1502.7	1489.9	1443.7	1367.0	1268.5	1160.7	1057.5	954.3
-47.5°	979.2	1092.6	1198.9	1292.3	1198.9	1092.6	979.2	856.0	746.6	642.9	528.7
-50°	497.6	510.4	536.6	574.7	536.6	510.4	497.6	483.7	472.6	464.4	451.4
-52.5°	451.2	458.6	465.9	472.8	465.9	458.6	451.2	443.1	434.9	427.7	418.9
-55°	425.2	429.7	433.1	435.8	433.1	429.7	425.2	420.4	415.4	412.2	409.6
-57.5°	411.6	419.1	425.6	430.8	425.6	419.1	411.6	402.5	391.8	383.6	375.0
-60°	360.2	368.5	376.2	382.8	376.2	368.5	360.2	350.5	339.6	331.5	323.4
-62.5°	302.2	309.5	317.1	323.9	317.1	309.5	302.2	293.5	283.3	274.9	266.5
-65°	246.9	254.0	260.4	265.9	260.4	254.0	246.9	238.9	229.8	221.5	213.1
-67.5°	204.7	212.7	220.7	228.0	220.7	212.7	204.7	195.9	186.5	177.0	167.6
-70°	157.0	163.6	169.3	174.2	169.3	163.6	157.0	149.7	141.6	133.2	124.8
-72.5°	108.9	115.0	122.1	128.7	122.1	115.0	108.9	102.0	94.5	86.9	80.5
-75°	58.7	63.2	67.4	71.5	67.4	63.2	58.7	54.0	49.1	44.7	42.7
-77.5°	39.5	43.4	46.2	48.8	46.2	43.4	39.5	35.5	31.6	27.9	26.4
-80°	29.1	31.8	34.0	36.2	34.0	31.8	29.1	26.3	23.5	20.9	19.9
-82.5°	21.3	23.5	25.2	26.9	25.2	23.5	21.3	19.1	16.8	14.6	13.9
-85°	17.2	19.4	21.0	22.7	21.0	19.4	17.2	15.1	12.9	10.7	10.0
-87.5°	15.5	17.8	19.0	20.2	19.0	17.8	15.5	13.2	11.0	8.6	8.0
-90°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.5	8.2	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
87.5°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5
85°	1.6	1.7	1.7	1.9	2.1	2.3	2.5	2.6	2.7	2.8	2.9
82.5°	2.0	2.2	2.3	2.3	2.3	2.4	2.5	2.7	3.0	3.2	3.4
80°	2.1	2.3	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.2	3.4
77.5°	2.4	2.4	2.6	2.9	3.1	3.4	3.5	3.6	3.7	3.8	3.8
75°	3.4	3.3	3.4	3.8	4.0	4.1	4.1	4.1	4.1	4.1	4.2
72.5°	5.6	5.6	5.8	6.2	6.5	6.8	6.7	6.1	5.5	4.7	4.2
70°	7.6	8.0	8.9	10.1	10.9	11.3	11.2	10.3	8.8	7.7	6.5
67.5°	8.6	9.3	10.6	12.4	13.8	15.0	16.1	16.7	16.0	14.4	10.7
65°	8.5	9.6	10.6	11.6	13.2	15.5	19.5	21.6	22.1	21.3	16.6
62.5°	7.1	8.2	8.9	9.7	10.8	13.2	18.6	23.1	26.5	26.4	21.0
60°	5.4	5.9	6.7	7.6	8.5	11.1	16.0	21.9	28.6	27.1	23.2
57.5°	5.0	5.3	5.9	6.3	6.6	8.7	12.5	17.7	24.0	24.1	22.5
55°	5.7	6.0	6.3	6.5	6.7	7.6	9.1	12.3	17.1	18.3	18.0
52.5°	5.9	6.3	6.8	7.3	7.4	7.4	7.9	9.6	11.1	13.0	13.8
50°	6.6	6.8	7.1	7.5	7.7	7.6	7.7	8.2	9.1	10.0	10.6
47.5°	7.6	7.6	7.5	7.6	8.0	8.0	7.9	7.9	8.6	9.0	9.5
45°	9.2	9.2	8.9	9.2	9.0	8.9	8.6	9.0	9.0	9.3	9.3
42.5°	16.7	13.3	11.1	12.2	12.5	11.7	10.5	10.8	10.5	10.1	10.9
40°	22.8	25.9	22.5	18.1	17.0	16.4	15.0	13.4	12.9	12.0	13.4
37.5°	27.1	26.4	32.5	34.9	28.2	22.8	20.9	18.1	16.0	16.6	17.6
35°	41.5	40.0	40.6	43.7	45.7	39.3	30.6	24.8	21.7	22.3	22.7
32.5°	63.3	59.2	58.9	57.4	60.1	59.6	49.1	36.8	31.7	30.1	28.7
30°	80.6	76.3	71.3	80.2	85.1	81.3	70.8	62.7	51.5	39.6	35.9
27.5°	101.3	98.3	90.5	108.2	117.9	111.6	104.8	97.3	77.4	58.4	46.9
25°	141.0	131.5	137.7	149.9	158.1	153.1	145.5	135.0	114.2	86.3	70.6
22.5°	198.5	194.8	194.9	194.9	216.2	210.3	189.7	174.4	170.3	157.6	118.0
20°	307.4	284.2	265.5	293.2	314.8	282.2	241.3	259.8	291.7	261.8	182.6
17.5°	544.6	461.3	417.6	457.5	455.5	395.3	424.0	436.6	436.4	391.5	260.3
15°	951.3	780.9	695.2	655.8	653.8	691.2	721.5	643.5	602.9	531.9	387.3
12.5°	1972.7	1168.9	996.2	910.1	924.7	979.8	1025.1	915.8	797.5	735.5	601.1
10°	3522.5	1878.6	1371.5	1227.8	1189.8	1240.6	1264.8	1156.0	1020.8	960.1	829.1
7.5°	6705.1	3090.7	1755.6	1521.3	1409.9	1396.2	1405.4	1341.0	1230.9	1176.7	1064.7
5°	9463.5	3931.3	2048.9	1749.0	1595.7	1554.2	1546.5	1492.5	1430.4	1386.7	1299.4
2.5°	10119.9	4062.7	2302.0	1958.8	1765.8	1710.0	1703.0	1616.7	1563.7	1498.2	1402.5
0°	11678.9	4738.6	2389.5	2035.3	1859.4	1842.6	1883.0	1730.7	1666.7	1588.5	1487.5
-2.5°	10432.7	4199.3	2303.7	1993.2	1844.7	1860.5	1946.9	1832.8	1736.9	1619.5	1468.3
-5°	8772.2	3682.1	2154.4	1859.7	1738.2	1785.5	1903.5	1848.7	1750.8	1625.8	1422.2
-7.5°	6719.5	3034.1	1961.7	1704.3	1612.9	1682.5	1795.7	1763.3	1659.4	1552.3	1328.0
-10°	4183.2	2258.5	1696.1	1517.8	1488.5	1594.6	1703.1	1665.5	1568.9	1477.0	1218.5
-12.5°	2919.6	1688.8	1424.8	1325.0	1373.3	1532.1	1623.0	1559.5	1482.4	1402.3	1098.1
-15°	1728.2	1394.8	1266.2	1230.6	1307.0	1465.6	1540.2	1478.9	1419.3	1329.4	970.6
-17.5°	1351.5	1192.3	1140.6	1188.8	1301.7	1397.1	1448.2	1414.7	1345.0	1207.8	817.5
-20°	1157.7	1102.5	1126.4	1188.4	1287.5	1357.5	1386.0	1344.3	1255.2	1018.4	661.4



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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°	1075.4	1123.9	1175.1	1220.5	1248.9	1296.1	1307.9	1261.2	1153.7	818.3	509.6
-25°	1106.6	1198.5	1270.1	1277.4	1240.1	1237.0	1234.1	1167.8	952.3	633.5	382.0
-27.5°	1189.9	1298.2	1358.8	1326.1	1256.0	1193.0	1152.5	1052.7	745.7	488.1	359.3
-30°	1298.9	1354.7	1372.7	1316.5	1230.7	1163.3	1080.7	826.7	574.9	377.0	342.5
-32.5°	1360.2	1366.6	1339.8	1255.8	1186.8	1124.5	895.6	620.0	415.7	359.1	333.6
-35°	1395.4	1333.0	1253.7	1198.8	1159.2	950.1	696.0	462.5	370.7	343.7	326.7
-37.5°	1344.6	1249.1	1196.3	1130.5	953.7	733.4	491.6	390.2	355.2	335.9	324.5
-40°	1269.6	1193.4	1052.2	900.7	696.4	474.8	408.2	375.7	351.2	331.7	324.9
-42.5°	1096.6	965.2	794.4	599.4	446.1	419.6	393.8	369.1	350.2	336.8	310.1
-45°	796.5	626.7	474.1	446.7	421.2	401.2	383.7	368.9	356.2	325.1	290.6
-47.5°	490.2	461.9	437.2	419.7	401.8	387.6	383.3	374.3	338.8	304.4	269.7
-50°	437.5	424.2	410.6	399.4	393.9	389.1	371.8	347.1	312.7	278.4	245.2
-52.5°	409.9	406.1	402.0	397.7	381.3	360.4	338.0	311.6	281.1	248.1	216.2
-55°	407.6	395.7	379.7	362.8	344.0	320.9	297.2	272.1	244.5	214.1	186.4
-57.5°	365.8	353.4	336.2	317.6	297.9	276.1	253.0	229.3	206.4	180.9	156.3
-60°	314.0	302.6	285.2	266.9	247.8	227.8	207.5	187.5	167.9	149.2	129.4
-62.5°	256.5	244.6	229.7	213.8	196.6	178.6	162.9	149.3	135.0	119.1	101.0
-65°	202.6	189.8	176.0	164.2	151.7	138.3	126.7	114.5	101.5	87.6	72.0
-67.5°	157.5	146.8	136.2	125.3	113.7	101.2	90.4	79.4	69.7	60.1	49.0
-70°	116.0	106.8	97.2	87.0	77.1	68.1	60.4	52.8	44.3	37.6	31.9
-72.5°	74.0	67.4	60.8	53.9	47.2	42.2	37.5	32.7	28.1	23.5	20.2
-75°	40.3	37.5	34.2	30.8	27.1	23.3	21.4	20.4	19.4	18.2	16.9
-77.5°	24.8	23.3	21.9	20.9	19.9	18.9	18.0	17.0	16.0	15.1	14.3
-80°	18.9	17.9	16.8	16.0	15.3	14.6	14.0	13.4	12.8	12.4	12.0
-82.5°	13.0	12.2	11.4	11.2	10.9	10.6	10.3	10.1	10.0	9.8	9.7
-85°	9.3	8.6	7.9	7.8	7.7	7.6	7.5	7.6	7.7	7.7	7.8
-87.5°	7.3	6.6	5.9	5.9	5.9	5.9	5.9	6.1	6.2	6.3	6.5
-90°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5



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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°	5.7	5.5	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.2	4.2	4.2
85°	3.0	3.1	3.2	3.4	3.6	3.8	4.0	4.2	4.2	4.2	4.2
82.5°	3.4	3.4	3.4	3.4	3.6	3.8	4.0	4.2	4.2	4.2	4.2
80°	3.6	3.6	3.7	3.7	3.7	3.8	4.0	4.2	4.2	4.2	4.2
77.5°	3.9	3.9	4.1	4.1	4.0	4.0	4.1	4.2	4.2	4.2	4.2
75°	4.2	4.1	4.2	4.2	4.3	4.2	4.2	4.2	4.3	4.2	4.2
72.5°	4.2	4.2	4.2	4.3	4.4	4.4	4.3	4.3	4.4	4.4	4.2
70°	5.4	4.4	4.2	4.3	4.5	4.7	4.7	4.6	4.5	4.5	4.4
67.5°	7.6	6.3	5.2	4.5	4.6	4.8	4.9	4.9	4.8	4.7	4.7
65°	12.2	8.8	6.6	5.7	5.0	4.8	5.0	5.2	5.2	5.0	4.9
62.5°	16.1	11.8	8.8	7.0	5.8	5.3	5.0	5.3	5.5	5.3	5.1
60°	19.4	14.5	11.1	9.0	7.1	5.8	5.4	5.5	5.6	5.6	5.4
57.5°	18.9	16.2	13.8	11.1	8.8	6.8	5.9	5.8	5.9	5.9	5.7
55°	16.8	15.0	15.5	13.5	10.6	8.2	6.7	6.2	6.1	6.1	6.0
52.5°	13.1	14.1	15.7	15.3	12.8	9.8	8.0	6.7	6.5	6.4	6.3
50°	10.5	12.7	15.5	16.4	14.8	11.7	9.3	7.7	6.9	6.7	6.7
47.5°	10.2	12.1	14.2	17.1	16.4	13.5	10.7	8.7	7.3	7.0	7.2
45°	11.1	12.6	13.7	16.0	17.9	14.8	12.1	9.7	8.1	7.5	7.6
42.5°	12.5	13.8	14.7	15.0	17.1	15.8	13.2	10.7	8.9	8.1	8.1
40°	14.7	15.7	16.1	16.4	16.4	16.6	13.9	11.6	9.7	8.9	8.7
37.5°	17.4	18.1	18.2	18.8	16.9	16.4	14.4	12.3	10.8	9.8	9.3
35°	22.0	20.9	21.7	21.9	19.7	16.8	14.8	12.8	12.0	10.8	9.9
32.5°	27.4	26.0	26.5	25.7	23.3	17.7	15.2	14.2	13.3	11.7	10.6
30°	34.9	35.5	32.5	29.9	27.3	20.9	16.8	15.8	14.7	12.6	11.3
27.5°	48.8	47.2	40.2	35.5	31.3	25.2	20.0	17.6	16.2	13.6	12.0
25°	66.5	61.2	51.5	42.2	35.7	37.9	23.7	19.6	17.8	14.8	12.8
22.5°	90.1	77.5	64.4	49.5	54.4	54.8	30.9	22.6	19.4	16.1	13.5
20°	117.0	95.6	83.6	78.6	76.9	71.6	43.3	25.8	21.0	17.4	14.2
17.5°	151.8	133.5	130.0	114.4	101.6	90.0	57.8	29.2	22.8	18.6	14.9
15°	256.1	195.7	179.4	153.8	127.9	109.7	74.1	32.7	24.5	19.9	15.2
12.5°	391.8	259.8	231.3	195.8	155.4	130.3	91.5	36.3	26.3	20.5	15.0
10°	544.4	325.2	284.9	239.7	183.5	151.5	109.5	39.7	27.1	20.5	14.8
7.5°	706.9	391.1	339.3	284.4	211.0	171.4	127.4	42.8	27.8	20.3	14.5
5°	854.2	445.1	382.3	318.4	232.8	189.0	144.6	45.9	28.4	20.1	14.2
2.5°	918.3	479.2	416.8	348.9	253.7	205.7	160.4	48.7	29.0	19.8	13.9
0°	965.0	510.7	449.3	376.9	273.4	221.3	174.2	51.3	29.4	19.4	13.5
-2.5°	920.4	505.7	442.1	375.8	279.9	224.6	174.8	59.3	35.2	22.8	14.9
-5°	861.7	498.1	433.1	372.1	284.7	226.5	173.2	66.8	40.8	26.1	16.3
-7.5°	810.3	478.9	419.8	365.6	287.5	227.0	169.7	73.5	45.9	29.1	17.5
-10°	745.0	452.5	400.7	350.4	283.3	225.7	165.2	79.5	50.5	31.7	18.5
-12.5°	659.6	425.4	381.3	335.4	277.2	223.0	161.3	85.2	54.5	33.8	19.3
-15°	552.9	398.0	362.1	321.4	270.3	219.6	156.7	90.1	58.7	36.0	19.9
-17.5°	426.6	370.9	343.4	309.1	262.9	215.4	151.8	94.0	62.1	38.3	20.9
-20°	389.1	351.8	325.9	299.2	255.1	210.5	146.9	96.6	64.8	40.0	21.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	369.3	339.5	316.5	289.1	247.5	205.2	142.3	98.1	66.7	41.0	22.5
-25°	349.0	327.9	309.6	279.3	240.1	196.9	140.6	98.2	67.8	41.2	22.6
-27.5°	334.2	318.0	304.1	269.0	231.3	190.0	140.1	99.0	68.0	40.7	22.2
-30°	322.6	312.4	293.5	258.2	221.6	180.1	137.9	98.7	67.2	39.9	21.1
-32.5°	316.9	309.1	281.0	246.6	210.1	169.6	131.5	97.3	65.3	38.6	20.5
-35°	316.8	299.4	268.2	234.2	197.5	159.6	123.6	94.7	62.2	36.5	19.8
-37.5°	315.8	285.3	253.7	220.5	184.6	149.0	116.1	87.6	58.0	33.6	18.7
-40°	299.4	269.4	238.1	206.0	171.9	137.6	107.3	79.3	53.6	29.7	17.3
-42.5°	281.6	251.4	220.7	190.6	158.8	126.6	97.3	70.2	47.0	26.8	15.5
-45°	261.0	231.5	201.5	173.4	145.0	114.2	86.3	60.6	39.6	24.3	14.0
-47.5°	238.4	208.9	181.1	155.0	129.4	100.7	74.4	51.7	31.8	21.2	13.6
-50°	212.3	185.1	159.7	135.7	111.4	86.5	62.2	42.3	27.4	17.3	13.0
-52.5°	186.4	160.4	138.0	115.9	93.6	71.3	51.0	32.7	22.7	15.4	12.3
-55°	159.6	136.5	116.6	96.0	75.4	57.2	39.1	27.1	17.8	14.3	11.5
-57.5°	134.8	113.9	94.6	75.6	58.7	43.0	30.4	21.3	15.7	13.1	11.1
-60°	109.8	90.1	71.9	57.2	43.0	31.6	23.5	16.7	14.3	12.1	10.5
-62.5°	83.1	66.3	52.7	40.0	30.9	23.8	17.3	15.2	13.0	11.4	9.9
-65°	59.3	46.7	34.7	28.7	22.4	17.4	15.6	13.6	12.0	10.6	9.3
-67.5°	37.9	31.4	25.1	19.6	17.1	15.5	13.9	12.5	11.2	9.9	8.9
-70°	26.2	20.7	17.9	16.4	15.0	13.6	12.6	11.5	10.3	9.4	8.5
-72.5°	18.6	17.0	15.4	14.1	13.3	12.4	11.5	10.6	9.8	8.9	8.0
-75°	15.5	14.5	13.6	12.8	12.0	11.2	10.6	10.0	9.2	8.4	7.5
-77.5°	13.5	12.7	12.0	11.4	10.8	10.3	9.8	9.4	8.6	7.7	7.0
-80°	11.4	10.9	10.4	10.0	9.6	9.3	8.9	8.4	7.7	7.0	6.5
-82.5°	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	6.3	6.0
-85°	7.6	7.4	7.3	7.1	6.9	6.7	6.6	6.4	6.1	5.9	5.7
-87.5°	6.4	6.3	6.1	6.0	5.9	5.8	5.8	5.7	5.6	5.4	5.3
-90°	2.7	3.0	3.2	3.4	3.6	3.8	4.0	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°	5.0	4.8	4.6	4.4	4.2	4.2	4.2
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
77.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
75°	4.2	4.3	4.2	4.2	4.2	4.2	4.2
72.5°	4.3	4.5	4.4	4.2	4.2	4.2	4.2
70°	4.4	4.6	4.5	4.2	4.2	4.2	4.2
67.5°	4.6	4.7	4.7	4.4	4.2	4.2	4.2
65°	4.8	4.9	4.9	4.6	4.2	4.2	4.2
62.5°	5.1	5.1	5.1	4.7	4.2	4.2	4.2
60°	5.3	5.3	5.3	4.9	4.2	4.2	4.2
57.5°	5.6	5.5	5.4	5.1	4.3	4.2	4.2
55°	5.9	5.7	5.6	5.3	4.4	4.2	4.2
52.5°	6.2	5.9	5.7	5.5	4.5	4.2	4.2
50°	6.6	6.2	5.9	5.7	4.6	4.2	4.2
47.5°	6.9	6.5	6.0	5.8	4.7	4.2	4.2
45°	7.3	6.8	6.2	5.9	4.8	4.2	4.2
42.5°	7.7	7.1	6.3	6.1	4.9	4.2	4.2
40°	8.2	7.4	6.5	6.1	4.9	4.2	4.2
37.5°	8.6	7.7	6.8	6.1	5.0	4.2	4.2
35°	9.1	8.0	7.0	6.1	5.0	4.2	4.2
32.5°	9.6	8.4	7.2	6.2	5.1	4.2	4.2
30°	10.2	8.8	7.5	6.2	5.1	4.2	4.2
27.5°	10.7	9.2	7.5	6.2	5.1	4.2	4.2
25°	11.3	9.6	7.6	6.2	5.2	4.2	4.2
22.5°	11.9	9.9	7.6	6.2	5.2	4.2	4.2
20°	12.4	9.8	7.5	6.2	5.2	4.2	4.2
17.5°	12.5	9.8	7.5	6.1	5.2	4.2	4.2
15°	12.3	9.7	7.4	6.1	5.2	4.2	4.2
12.5°	12.0	9.5	7.3	6.1	5.1	4.2	4.2
10°	11.7	9.3	7.2	6.1	5.1	4.2	4.2
7.5°	11.4	9.1	7.1	6.0	5.1	4.2	4.2
5°	11.0	8.9	7.0	6.0	5.1	4.2	4.2
2.5°	10.5	8.7	6.8	6.0	5.0	4.2	4.2
0°	10.1	8.4	6.7	5.9	5.0	4.2	4.2
-2.5°	10.5	8.5	6.8	5.9	5.0	4.2	4.2
-5°	11.0	8.6	6.8	5.9	5.0	4.2	4.2
-7.5°	11.3	8.6	6.9	5.9	5.0	4.3	4.2
-10°	11.6	8.7	6.9	5.9	5.0	4.3	4.2
-12.5°	11.9	8.7	7.0	5.8	5.0	4.3	4.2
-15°	12.0	8.7	7.0	5.8	5.0	4.3	4.2
-17.5°	12.1	8.7	7.0	5.8	4.9	4.3	4.2
-20°	12.3	8.7	7.0	5.7	4.9	4.3	4.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.6	8.6	6.9	5.7	4.9	4.3	4.2
-25°	12.7	8.7	6.9	5.6	4.9	4.4	4.2
-27.5°	12.7	8.8	6.8	5.6	4.9	4.4	4.2
-30°	12.3	8.8	6.7	5.5	4.9	4.4	4.2
-32.5°	11.8	8.8	6.7	5.5	4.9	4.4	4.2
-35°	11.5	8.7	6.6	5.4	4.9	4.4	4.2
-37.5°	11.4	8.6	6.6	5.3	4.9	4.4	4.2
-40°	11.3	8.6	6.5	5.3	4.9	4.4	4.2
-42.5°	11.0	8.4	6.4	5.2	4.9	4.4	4.2
-45°	10.7	8.3	6.4	5.2	4.9	4.4	4.2
-47.5°	10.3	8.1	6.4	5.2	4.9	4.4	4.2
-50°	10.0	7.9	6.3	5.2	4.9	4.4	4.2
-52.5°	9.7	7.7	6.3	5.2	4.9	4.4	4.2
-55°	9.4	7.5	6.2	5.2	4.9	4.4	4.2
-57.5°	9.0	7.4	6.1	5.3	4.9	4.4	4.2
-60°	8.6	7.2	6.0	5.3	4.9	4.4	4.2
-62.5°	8.3	7.0	5.9	5.3	4.9	4.4	4.2
-65°	8.1	6.8	5.8	5.2	4.8	4.4	4.2
-67.5°	7.8	6.6	5.8	5.2	4.8	4.3	4.2
-70°	7.4	6.4	5.7	5.2	4.7	4.3	4.2
-72.5°	7.1	6.2	5.6	5.1	4.7	4.3	4.2
-75°	6.7	6.0	5.4	5.0	4.6	4.3	4.2
-77.5°	6.3	5.7	5.3	4.9	4.5	4.3	4.2
-80°	5.9	5.5	5.2	4.8	4.5	4.3	4.2
-82.5°	5.7	5.4	5.0	4.7	4.4	4.3	4.2
-85°	5.5	5.2	4.9	4.6	4.3	4.2	4.2
-87.5°	5.2	5.0	4.7	4.5	4.3	4.2	4.2
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2

(END OF REPORT)