

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: P1306399 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-1S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

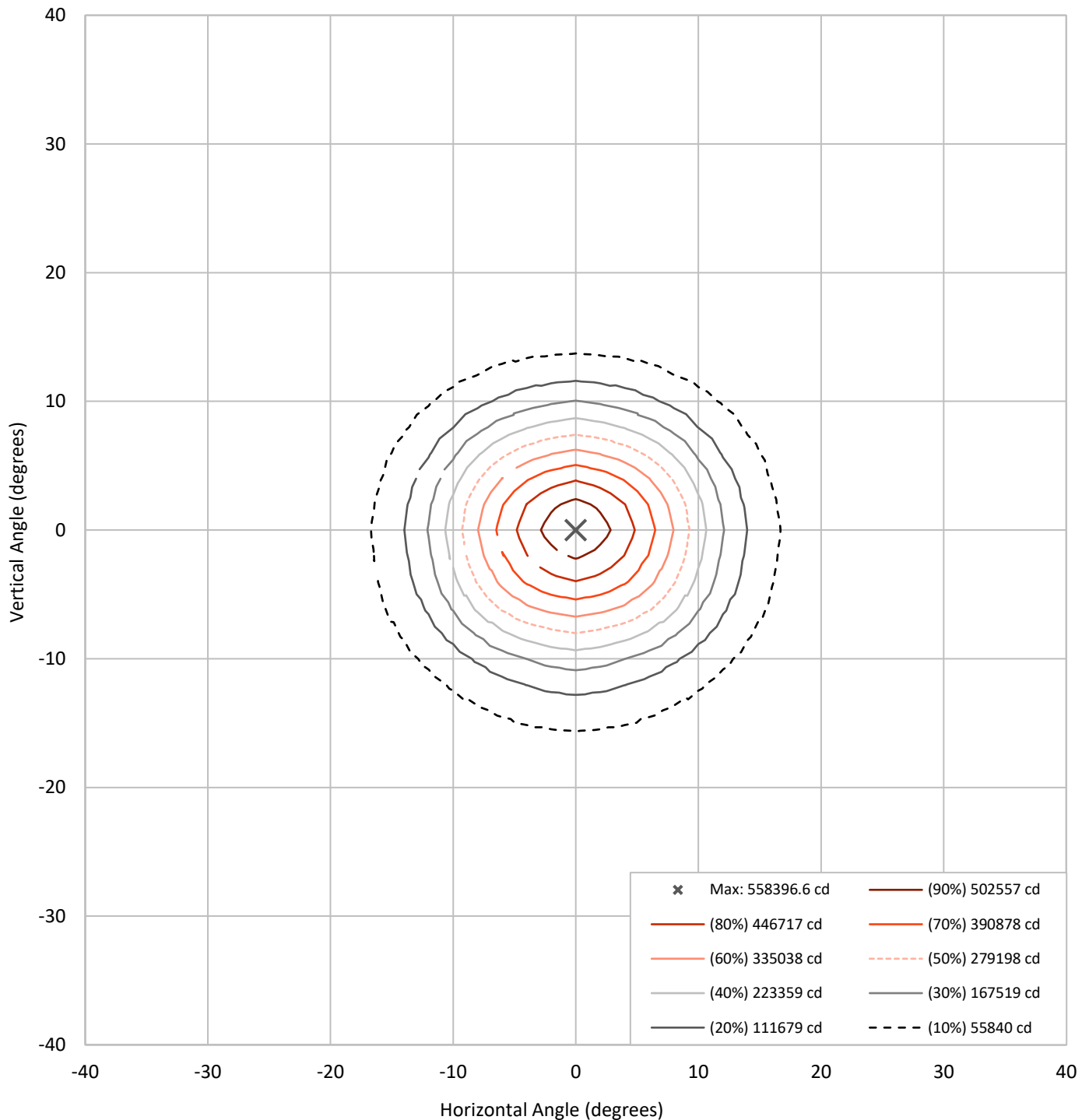
Test Method: LM-79-08  
Report Number: P1306399 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-80-1S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 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:	57408.5 lumens	Max Intensity:	558396.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	80.0 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:	26476.1 lumens	Field Lumens:	48845.6 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	718		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot



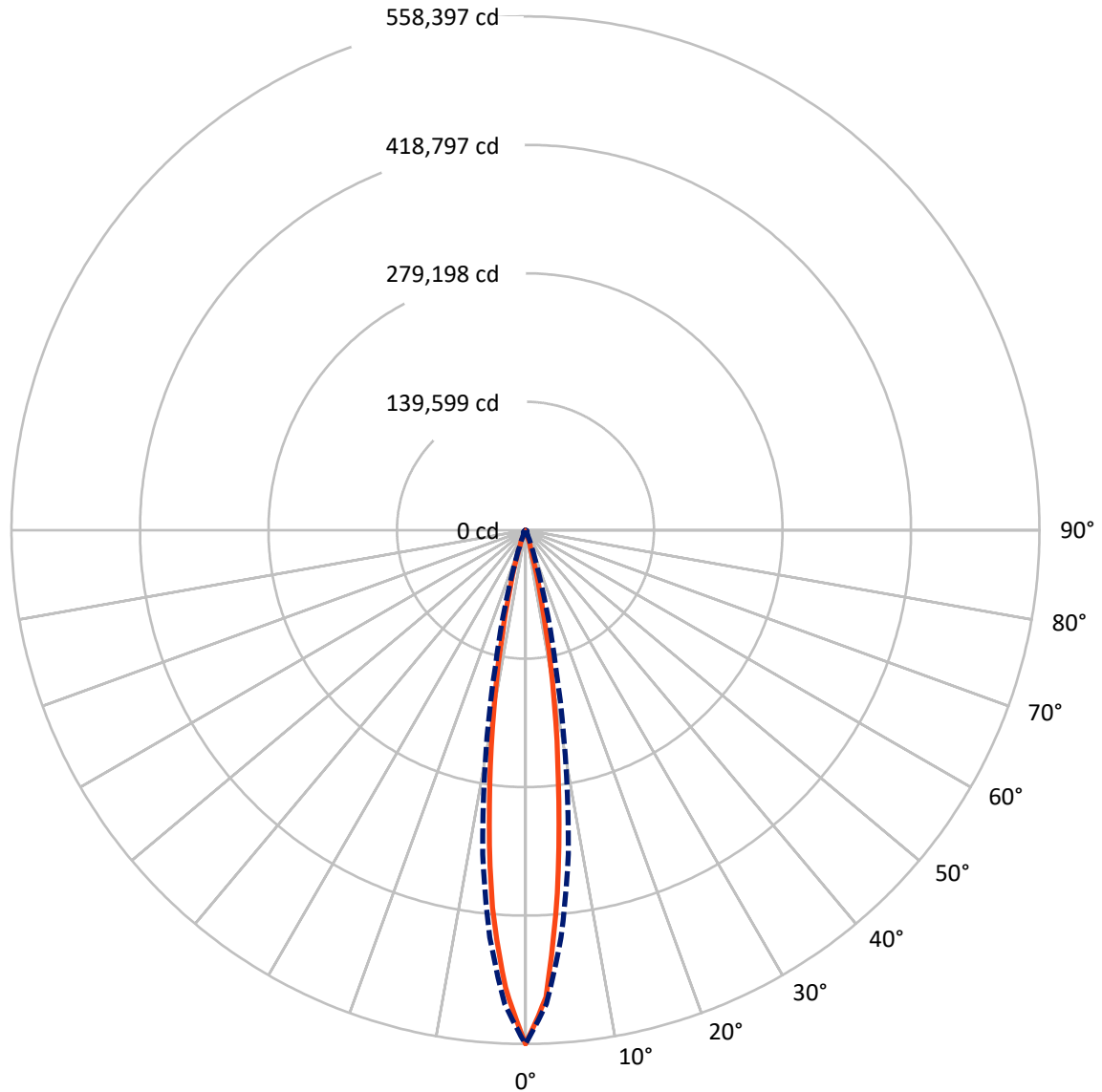
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### Lumen Table

90	0.2	0.4		0.6		0.7		0.9		0.7		0.6		0.4		0.2			
80	0.2	0.4		0.6		0.7		0.9		0.7		0.6		0.4		0.2			
70	0.2	0.1	0.2	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4	0.1				
50	0.3	0.2	0.5	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.2	0.3			
40		0.3	0.6	0.9	1.5	2.1	2.2	2.6	2.6	2.2	2.1	1.5	0.9	0.6	0.3				
30	0.4	0.5	1.4	3.4	6.4	7.3	10.4	20.8	20.8	10.4	7.3	6.4	3.4	1.4	0.5	0.4			
20		1.1	4.6	15.7	29.2	38.8	287.8	1198.8	1198.8	287.8	38.8	29.2	15.7	4.6	1.1				
10	0.4	1.9	9.2	39.4	63.9	145.2	2111.7	9150.4	9150.4	2111.7	145.2	63.9	39.4	9.2	1.9	0.4			
0		2.3	10.8	45.4	74.8	148.7	2266.3	9564.3	9564.3	2266.3	148.7	74.8	45.4	10.8	2.3				
-10	0.5	2.5	9.4	34.3	61.8	68.0	483.3	1877.3	1877.3	483.3	68.0	61.8	34.3	9.4	2.5	0.5			
-20		2.4	8.1	19.2	49.7	57.5	63.5	123.6	123.6	63.5	57.5	49.7	19.2	8.1	2.4				
-30	0.4	2.1	6.9	12.2	30.4	57.5	67.2	67.9	67.9	67.2	57.5	30.4	12.2	6.9	2.1	0.4			
-40		1.4	5.1	10.5	16.5	29.0	49.0	64.3	64.3	49.0	29.0	16.5	10.5	5.1	1.4				
-50	0.3	0.7	2.9	6.9	12.3	17.0	20.1	22.4	22.4	20.1	17.0	12.3	6.9	2.9	0.7	0.3			
-60		0.3	1.0	2.8	5.4	8.5	11.2	13.3	13.3	11.2	8.5	5.4	2.8	1.0	0.3				
-70	0.2	0.9		2.5		6.0		10.1		6.0		2.5		0.9		0.2			
-80		0.9		2.5		6.0		10.1		6.0		2.5		0.9					
-90	0.2	0.9		2.5		6.0		10.1		6.0		2.5		0.9		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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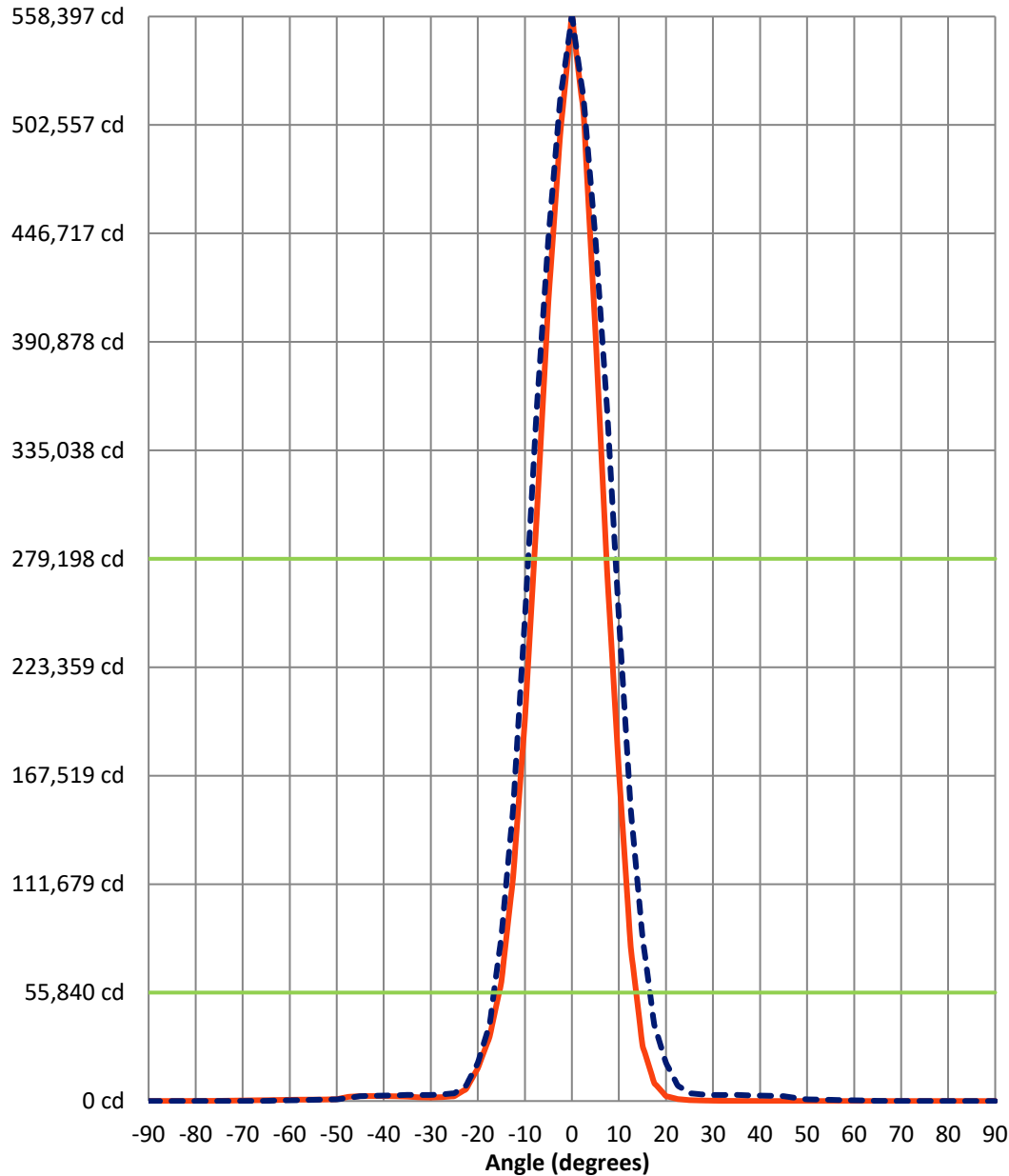
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 18.6°  
 V Angle: 15.4°  
 Lumens: 26476.1  
 Efficiency: 46.1%

**Field:**  
 H Angle: 33.2°  
 V Angle: 29.1°  
 Lumens: 48845.6  
 Efficiency: 85.1%

**Spill:**  
 Lumens: 8562.9  
 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°	7.1	7.1	7.1	7.5	7.8	8.2	8.5	8.5	8.5	8.5	8.5
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.3	7.2	7.1	7.1	7.2	7.2
72.5°	7.1	7.1	7.1	7.1	7.4	7.5	7.2	7.2	7.4	7.4	7.2
70°	7.1	7.1	7.1	7.2	7.7	7.7	7.4	7.5	7.7	7.6	7.7
67.5°	7.1	7.1	7.1	7.4	7.9	8.0	7.8	7.9	8.0	8.2	8.3
65°	7.1	7.1	7.1	7.7	8.2	8.3	8.2	8.3	8.5	8.7	8.8
62.5°	7.1	7.1	7.1	8.0	8.5	8.6	8.6	8.7	9.0	9.2	9.0
60°	7.1	7.1	7.1	8.3	8.9	9.0	9.0	9.1	9.5	9.6	9.3
57.5°	7.1	7.1	7.3	8.6	9.1	9.3	9.5	9.5	9.9	9.9	9.9
55°	7.1	7.1	7.5	8.9	9.4	9.7	10.0	10.1	10.3	10.4	10.5
52.5°	7.1	7.1	7.6	9.2	9.7	10.0	10.5	10.7	10.8	11.0	11.2
50°	7.1	7.1	7.8	9.5	10.0	10.5	11.0	11.4	11.3	11.6	12.9
47.5°	7.1	7.1	8.0	9.8	10.3	11.0	11.6	12.1	11.9	12.2	14.7
45°	7.1	7.1	8.1	10.0	10.5	11.4	12.3	12.9	12.7	13.6	16.3
42.5°	7.1	7.1	8.2	10.2	10.8	11.9	13.1	13.8	13.7	15.0	18.1
40°	7.1	7.1	8.3	10.3	11.1	12.4	13.8	14.7	14.9	16.3	19.5
37.5°	7.1	7.1	8.4	10.3	11.5	12.9	14.7	15.7	16.5	18.2	20.8
35°	7.1	7.1	8.5	10.4	11.9	13.5	15.5	16.7	18.1	20.2	21.6
32.5°	7.1	7.1	8.6	10.4	12.3	14.2	16.4	17.8	19.7	22.5	24.0
30°	7.1	7.1	8.6	10.4	12.7	14.9	17.3	18.9	21.2	24.9	26.7
27.5°	7.1	7.1	8.7	10.4	12.8	15.6	18.2	20.3	22.9	27.4	29.7
25°	7.1	7.1	8.7	10.4	12.8	16.3	19.1	21.5	25.0	30.0	33.0
22.5°	7.1	7.1	8.7	10.4	12.8	16.7	20.0	22.8	27.1	32.7	38.1
20°	7.1	7.1	8.8	10.4	12.7	16.7	20.9	24.0	29.3	35.5	43.5
17.5°	7.1	7.1	8.8	10.4	12.7	16.6	21.1	25.2	31.4	38.4	49.3
15°	7.1	7.1	8.7	10.3	12.6	16.4	20.7	25.6	33.6	41.4	55.2
12.5°	7.1	7.1	8.7	10.3	12.4	16.1	20.2	25.3	34.5	44.4	61.2
10°	7.1	7.1	8.7	10.2	12.3	15.8	19.7	24.9	34.5	45.8	67.0
7.5°	7.1	7.1	8.7	10.2	12.1	15.5	19.1	24.4	34.3	46.9	72.3
5°	7.1	7.1	8.6	10.1	11.9	15.1	18.5	23.9	33.9	48.0	77.5
2.5°	7.1	7.1	8.6	10.0	11.6	14.7	17.7	23.3	33.4	49.0	82.3
0°	7.1	7.1	8.5	9.9	11.4	14.2	17.0	22.7	32.7	49.7	86.6
-2.5°	7.1	7.1	8.5	9.9	11.5	14.3	17.7	25.1	38.5	59.5	100.1
-5°	7.1	7.2	8.5	9.9	11.6	14.5	18.4	27.4	44.0	68.8	112.7
-7.5°	7.1	7.2	8.5	9.9	11.7	14.5	19.0	29.5	49.1	77.4	124.1
-10°	7.1	7.2	8.5	9.8	11.8	14.6	19.6	31.2	53.5	85.1	134.2
-12.5°	7.1	7.2	8.4	9.8	11.8	14.6	20.0	32.6	57.1	91.9	143.7
-15°	7.1	7.3	8.4	9.8	11.8	14.6	20.2	33.7	60.8	99.0	152.1
-17.5°	7.1	7.3	8.4	9.7	11.8	14.6	20.3	35.3	64.7	104.8	158.6
-20°	7.1	7.3	8.4	9.6	11.8	14.6	20.6	37.1	67.6	109.4	163.1



REPORT NUMBER: P1306399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-57-80-1S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.1	7.3	8.4	9.6	11.7	14.5	21.2	38.1	69.2	112.6	165.6
-25°	7.1	7.4	8.3	9.5	11.6	14.6	21.4	38.2	69.6	114.4	165.8
-27.5°	7.1	7.4	8.3	9.4	11.4	14.8	21.3	37.4	68.7	114.7	167.2
-30°	7.1	7.4	8.3	9.3	11.3	14.8	20.8	35.6	67.3	113.4	166.7
-32.5°	7.1	7.4	8.3	9.2	11.2	14.8	19.8	34.6	65.2	110.2	164.3
-35°	7.1	7.4	8.3	9.1	11.2	14.7	19.4	33.4	61.7	105.0	159.9
-37.5°	7.1	7.4	8.3	9.0	11.1	14.6	19.3	31.6	56.7	97.9	147.8
-40°	7.1	7.4	8.3	8.9	10.9	14.4	19.0	29.2	50.2	90.4	133.9
-42.5°	7.1	7.4	8.3	8.8	10.8	14.2	18.6	26.1	45.4	79.3	118.6
-45°	7.1	7.5	8.3	8.8	10.8	13.9	18.0	23.7	41.0	67.0	102.3
-47.5°	7.1	7.4	8.3	8.8	10.7	13.6	17.3	22.9	35.8	53.8	87.4
-50°	7.1	7.4	8.3	8.8	10.7	13.2	16.8	21.9	29.2	46.3	71.4
-52.5°	7.1	7.4	8.3	8.9	10.5	12.8	16.3	20.7	25.9	38.4	55.3
-55°	7.1	7.4	8.3	8.9	10.4	12.6	15.7	19.4	24.1	30.0	45.9
-57.5°	7.1	7.4	8.3	8.9	10.3	12.4	15.1	18.6	22.2	26.4	35.9
-60°	7.1	7.4	8.3	8.9	10.1	12.1	14.4	17.7	20.3	24.2	28.1
-62.5°	7.1	7.4	8.2	8.9	10.0	11.8	14.0	16.6	19.1	21.9	25.6
-65°	7.1	7.4	8.2	8.9	9.9	11.5	13.6	15.7	17.9	20.3	22.9
-67.5°	7.1	7.3	8.1	8.9	9.7	11.1	13.1	15.0	16.7	18.9	21.1
-70°	7.1	7.3	8.0	8.8	9.6	10.8	12.5	14.2	15.8	17.5	19.5
-72.5°	7.1	7.3	7.9	8.7	9.4	10.5	11.9	13.5	15.0	16.5	18.0
-75°	7.1	7.3	7.8	8.5	9.2	10.1	11.3	12.7	14.1	15.5	16.9
-77.5°	7.1	7.2	7.7	8.3	9.0	9.7	10.6	11.8	13.0	14.4	15.7
-80°	7.1	7.2	7.6	8.2	8.7	9.3	10.0	10.9	11.9	13.0	14.2
-82.5°	7.1	7.2	7.5	8.0	8.5	9.0	9.6	10.1	10.7	11.6	12.5
-85°	7.1	7.2	7.3	7.8	8.3	8.7	9.2	9.6	10.0	10.4	10.9
-87.5°	7.1	7.1	7.2	7.6	8.0	8.5	8.9	9.0	9.2	9.5	9.7
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



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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°	8.5	8.5	8.5	8.5	8.9	9.2	9.6	9.9	9.9	9.9	9.9
87.5°	6.8	6.4	6.1	5.7	5.4	5.0	4.7	4.3	4.3	4.3	4.3
85°	6.8	6.4	6.1	5.7	5.4	5.2	5.0	4.9	4.8	4.7	4.5
82.5°	6.8	6.4	6.1	5.7	5.6	5.7	5.7	5.7	5.4	5.0	4.7
80°	6.8	6.5	6.2	6.1	6.2	6.1	6.0	5.8	5.4	5.1	4.9
77.5°	6.9	6.8	6.8	6.9	6.8	6.6	6.5	6.5	6.4	6.2	6.1
75°	7.0	7.1	7.2	7.2	7.0	7.0	7.1	7.1	7.0	6.9	6.9
72.5°	7.3	7.5	7.5	7.3	7.1	7.1	7.1	7.1	8.0	9.3	10.3
70°	7.9	8.0	7.7	7.3	7.1	7.5	9.1	11.0	13.0	14.9	17.4
67.5°	8.4	8.1	7.7	7.7	8.8	10.6	12.8	18.0	24.3	27.0	28.1
65°	8.5	8.1	8.5	9.6	11.2	15.0	20.6	28.0	35.9	37.3	36.5
62.5°	8.6	8.9	9.9	11.9	15.0	20.0	27.3	35.5	44.5	44.6	39.0
60°	9.2	9.7	11.9	15.2	18.8	24.5	32.8	39.1	45.7	48.3	36.9
57.5°	9.9	11.4	14.8	18.7	23.3	27.3	31.9	37.9	40.6	40.5	29.9
55°	11.2	13.8	17.9	22.8	26.2	25.3	28.3	30.5	30.9	28.8	20.8
52.5°	13.5	16.4	21.5	25.8	26.5	23.9	22.2	23.3	21.9	18.6	16.2
50°	15.6	19.8	24.9	27.6	26.1	21.4	17.7	17.8	16.8	15.4	13.8
47.5°	18.0	22.8	27.7	28.9	24.0	20.5	17.1	15.9	15.2	14.5	13.3
45°	20.3	25.0	30.2	27.1	23.3	21.2	18.6	15.6	15.6	15.2	15.1
42.5°	22.3	26.7	28.8	25.4	24.8	23.3	21.1	18.3	17.1	17.8	18.2
40°	23.5	27.9	27.7	27.8	27.2	26.4	24.9	22.6	20.2	21.8	22.6
37.5°	24.4	27.7	28.6	31.7	30.7	30.5	29.4	29.6	28.0	27.1	30.5
35°	24.9	28.4	33.4	37.0	36.6	35.3	37.2	38.3	37.7	36.6	42.0
32.5°	25.6	29.8	39.3	43.3	44.8	44.0	46.2	48.5	50.8	53.6	62.2
30°	28.4	35.3	46.1	50.4	54.9	60.0	58.8	60.5	66.8	87.0	105.9
27.5°	33.8	42.5	52.9	59.9	67.9	79.7	82.3	79.2	98.5	130.7	164.3
25°	40.0	64.0	60.2	71.2	87.0	103.4	112.3	119.1	145.6	192.7	227.9
22.5°	52.2	92.4	91.8	83.5	108.7	130.8	152.1	199.2	266.1	287.5	294.4
20°	73.1	120.8	129.7	132.6	141.2	161.4	197.5	308.3	442.0	492.4	438.5
17.5°	97.7	151.9	171.5	193.1	219.4	225.5	256.2	439.5	661.0	736.7	737.0
15°	125.1	185.1	215.9	259.6	303.0	330.4	432.5	653.9	897.9	1017.9	1086.4
12.5°	154.5	220.0	262.3	330.7	390.6	438.6	661.5	1014.8	1241.7	1346.4	1546.2
10°	184.8	255.9	309.9	404.8	481.0	549.1	919.1	1399.8	1620.8	1723.3	1951.6
7.5°	215.0	289.4	356.3	480.2	572.8	660.3	1193.3	1797.5	1986.6	2078.0	2264.0
5°	244.1	319.0	393.1	537.6	645.4	751.4	1442.1	2193.8	2341.1	2414.8	2519.8
2.5°	270.8	347.2	428.3	589.1	703.7	809.0	1550.3	2367.7	2529.4	2639.9	2729.4
0°	294.0	373.6	461.6	636.4	758.5	862.2	1629.2	2511.3	2681.8	2813.9	2921.8
-2.5°	295.1	379.1	472.5	634.4	746.3	853.7	1553.8	2478.8	2734.1	2932.3	3094.2
-5°	292.3	382.4	480.6	628.3	731.1	840.9	1454.7	2401.0	2744.7	2955.8	3121.2
-7.5°	286.5	383.2	485.3	617.2	708.8	808.5	1367.9	2242.0	2620.6	2801.4	2977.0
-10°	278.9	381.0	478.3	591.6	676.5	763.9	1257.8	2057.2	2493.5	2648.8	2811.8
-12.5°	272.3	376.6	468.0	566.2	643.7	718.2	1113.5	1853.8	2367.4	2502.6	2632.8
-15°	264.5	370.7	456.4	542.6	611.3	672.0	933.5	1638.7	2244.3	2396.1	2496.7
-17.5°	256.2	363.6	443.9	521.9	579.8	626.2	720.3	1380.1	2039.1	2270.6	2388.4
-20°	247.9	355.5	430.8	505.2	550.2	593.9	657.0	1116.7	1719.3	2119.1	2269.6



REPORT NUMBER: P1306399 (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°	240.2	346.4	417.9	488.0	534.3	573.2	623.5	860.3	1381.4	1947.8	2129.3
-25°	237.4	332.4	405.3	471.5	522.6	553.6	589.3	645.0	1069.4	1607.7	1971.6
-27.5°	236.6	320.8	390.5	454.1	513.4	536.8	564.2	606.7	824.1	1258.9	1777.2
-30°	232.9	304.1	374.1	435.8	495.6	527.4	544.6	578.2	636.5	970.5	1395.7
-32.5°	222.1	286.3	354.6	416.3	474.4	521.8	535.0	563.3	606.3	701.8	1046.8
-35°	208.7	269.5	333.5	395.3	452.7	505.4	534.9	551.6	580.3	625.9	780.9
-37.5°	195.9	251.5	311.6	372.2	428.3	481.7	533.2	548.0	567.2	599.7	658.8
-40°	181.1	232.3	290.2	347.7	402.0	454.8	505.5	548.5	560.1	592.9	634.2
-42.5°	164.3	213.7	268.0	321.9	372.6	424.4	475.4	523.5	568.7	591.2	623.1
-45°	145.7	192.8	244.6	292.8	340.2	390.8	440.6	490.6	548.9	601.3	622.7
-47.5°	125.7	169.9	218.3	261.6	305.8	352.7	402.6	455.3	513.9	571.9	631.9
-50°	105.1	145.9	188.0	229.0	269.5	312.6	358.4	414.0	469.9	527.8	586.0
-52.5°	86.1	120.3	158.1	195.7	233.0	270.8	314.8	365.0	418.9	474.5	526.0
-55°	66.0	96.6	127.3	162.1	196.9	230.6	269.4	314.8	361.5	412.7	459.4
-57.5°	51.3	72.6	99.1	127.5	159.7	192.3	227.7	264.0	305.5	348.5	387.1
-60°	39.6	53.5	72.6	96.6	121.3	152.2	185.4	218.5	251.9	283.6	316.5
-62.5°	29.2	40.1	52.3	67.6	89.1	112.0	140.3	170.6	201.2	228.0	252.0
-65°	26.3	29.3	37.8	48.5	58.7	78.8	100.2	121.6	147.8	171.4	193.3
-67.5°	23.3	26.1	28.8	33.0	42.5	53.0	64.0	82.7	101.4	117.7	134.0
-70°	21.3	22.9	25.2	27.6	30.1	35.0	44.3	53.8	63.5	74.9	89.1
-72.5°	19.5	21.0	22.4	23.8	26.0	28.7	31.4	34.2	39.8	47.4	55.2
-75°	17.9	19.0	20.3	21.5	22.9	24.5	26.2	28.5	30.7	32.7	34.4
-77.5°	16.5	17.3	18.2	19.2	20.3	21.5	22.8	24.1	25.5	26.9	28.6
-80°	14.9	15.6	16.2	16.8	17.6	18.4	19.3	20.2	21.0	21.7	22.6
-82.5°	13.0	13.5	14.0	14.4	14.9	15.3	15.7	16.3	16.5	16.8	17.1
-85°	11.2	11.4	11.7	12.0	12.3	12.6	12.9	13.1	13.0	12.9	12.8
-87.5°	9.8	9.9	10.1	10.2	10.4	10.6	10.8	11.0	10.7	10.5	10.2
-90°	6.8	6.4	6.1	5.7	5.4	5.0	4.7	4.3	4.3	4.3	4.3



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.9	9.9	9.9	9.9	9.9	13.8	17.7	21.7	25.6	35.2	44.7
87.5°	4.3	3.9	3.6	3.2	2.8	2.5	2.1	1.8	1.4	1.4	1.4
85°	4.3	3.9	3.6	3.2	2.8	2.7	2.7	2.7	2.7	2.4	2.1
82.5°	4.3	4.1	4.0	3.9	3.9	3.7	3.4	3.1	2.8	2.5	2.1
80°	4.7	4.7	4.6	4.5	4.3	4.0	3.6	3.2	2.8	2.8	2.8
77.5°	5.9	5.7	5.3	4.9	4.4	4.2	4.1	4.0	4.0	3.8	3.5
75°	7.0	6.9	6.8	6.4	5.8	5.7	5.7	5.6	5.5	5.2	4.9
72.5°	11.2	11.4	10.9	10.5	9.7	9.4	9.4	9.3	9.0	8.9	8.8
70°	18.8	19.0	18.4	17.0	14.9	13.4	12.8	12.1	11.3	11.4	12.2
67.5°	27.2	25.3	23.3	21.0	17.9	15.6	14.5	13.3	12.0	11.3	11.0
65°	33.0	26.1	22.3	19.6	17.9	16.2	14.4	12.7	11.1	10.1	9.6
62.5°	31.5	22.3	18.3	16.4	15.0	13.8	11.9	10.3	8.8	7.9	7.9
60°	27.0	18.6	14.3	12.8	11.3	10.0	9.1	8.2	7.5	7.2	7.6
57.5°	21.1	14.7	11.3	10.7	9.9	9.0	8.4	8.1	7.7	7.1	7.5
55°	15.4	12.9	11.5	11.0	10.6	10.1	9.6	8.9	8.4	8.0	8.3
52.5°	13.3	12.6	12.5	12.3	11.5	10.6	9.8	9.7	9.6	9.4	9.5
50°	13.0	12.9	12.9	12.6	11.9	11.5	11.3	11.2	11.1	10.9	11.0
47.5°	13.3	13.5	13.5	12.9	12.7	12.9	12.8	12.7	12.9	13.1	13.3
45°	14.6	15.0	15.2	15.4	15.0	15.4	15.5	15.4	17.7	18.0	16.9
42.5°	17.7	19.6	21.0	20.5	18.8	22.5	28.1	30.5	28.1	24.4	22.0
40°	25.3	27.7	28.6	30.5	38.0	43.7	38.5	33.2	30.9	32.8	34.4
37.5°	35.4	38.5	47.5	59.0	54.8	44.6	45.7	46.2	45.2	48.1	48.5
35°	51.7	66.3	77.2	73.7	68.6	67.5	70.0	70.8	63.9	67.1	68.2
32.5°	82.8	100.7	101.5	96.9	99.4	99.9	106.9	102.2	96.4	99.3	107.2
30°	119.6	137.2	143.6	135.4	120.4	128.9	136.0	133.8	138.0	150.1	163.0
27.5°	177.1	188.5	199.1	182.6	152.8	165.9	171.0	165.8	194.1	209.4	239.6
25°	245.6	258.6	266.9	253.1	232.5	221.9	238.0	250.1	284.7	318.4	365.7
22.5°	320.3	355.0	364.9	329.0	329.0	328.8	335.0	376.2	422.7	497.0	621.8
20°	407.3	476.4	531.5	495.1	448.3	479.9	518.9	569.4	702.0	1039.2	1422.6
17.5°	715.8	667.4	769.0	772.4	705.0	778.8	919.4	1100.3	1659.8	3380.2	4508.0
15°	1218.0	1167.0	1103.8	1107.1	1173.6	1318.4	1606.0	2607.8	5079.0	8750.9	12545.7
12.5°	1730.7	1654.2	1561.2	1536.5	1681.8	1973.3	3330.4	7452.6	13271.4	19608.1	35862.8
10°	2135.3	2094.6	2008.8	2072.8	2315.4	3171.5	5946.9	13096.6	25103.8	46097.0	72000.2
7.5°	2372.7	2357.2	2380.2	2568.3	2963.9	5217.9	11320.0	21947.7	41734.1	73546.6	120213.9
5°	2611.0	2624.0	2694.1	2952.7	3459.0	6637.1	15976.9	30499.1	60428.0	107190.6	179458.1
2.5°	2875.0	2887.0	2981.2	3307.0	3886.3	6859.0	17085.2	35945.1	76617.4	137897.0	233692.7
0°	3178.9	3110.8	3139.2	3436.0	4034.1	7999.9	19717.1	39417.2	84796.1	150651.9	248358.4
-2.5°	3286.8	3141.0	3114.3	3365.0	3889.3	7089.4	17613.2	36654.2	77883.4	138016.0	231586.3
-5°	3213.6	3014.3	2934.6	3139.7	3637.2	6216.4	14809.9	33352.7	69148.4	118065.9	196237.1
-7.5°	3031.6	2840.5	2723.0	2877.4	3311.8	5122.4	11344.2	25257.0	50332.1	87356.0	139402.3
-10°	2875.4	2692.2	2513.0	2562.5	2863.4	3812.9	7062.3	16543.7	33253.7	58967.7	88628.1
-12.5°	2740.1	2586.6	2318.4	2236.8	2405.4	2851.1	4929.0	11276.0	21270.6	33450.4	54241.7
-15°	2600.2	2474.4	2206.5	2077.5	2137.7	2354.8	2917.7	5416.1	11646.8	19825.0	28781.8
-17.5°	2445.0	2358.6	2197.6	2007.1	1925.6	2012.9	2281.8	3053.3	5175.8	10272.7	15857.4
-20°	2339.8	2291.8	2173.6	2006.4	1901.7	1861.3	1954.6	2190.9	2712.1	4665.6	7071.6



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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°	2208.2	2188.2	2108.4	2060.6	1984.0	1897.4	1815.7	1888.9	2062.0	2328.1	3159.5
-25°	2083.6	2088.4	2093.6	2156.6	2144.3	2023.4	1868.2	1757.2	1815.4	1898.8	2067.1
-27.5°	1945.7	2014.2	2120.5	2238.9	2294.0	2191.7	2008.9	1842.4	1792.7	1743.9	1815.1
-30°	1824.6	1964.0	2077.8	2222.6	2317.6	2287.1	2192.8	2080.5	1958.9	1874.3	1846.6
-32.5°	1512.1	1898.5	2003.8	2120.2	2262.0	2307.1	2296.4	2253.3	2201.2	2141.7	2079.9
-35°	1175.2	1604.1	1957.0	2024.0	2116.7	2250.4	2355.7	2363.1	2356.3	2334.5	2317.9
-37.5°	829.9	1238.2	1610.0	1908.5	2019.7	2108.8	2270.0	2393.3	2463.3	2457.8	2459.5
-40°	689.2	801.7	1175.7	1520.6	1776.4	2014.8	2143.4	2304.7	2432.9	2485.1	2524.9
-42.5°	664.9	708.4	753.1	1011.9	1341.1	1629.6	1851.4	2056.1	2237.1	2366.2	2468.7
-45°	647.7	677.3	711.1	754.1	800.4	1058.1	1344.7	1611.2	1785.4	1959.6	2141.5
-47.5°	647.0	654.3	678.2	708.5	738.0	779.7	827.6	892.6	1085.4	1260.5	1445.3
-50°	627.7	656.9	665.0	674.3	693.2	716.1	738.7	762.1	784.1	797.9	816.7
-52.5°	570.6	608.5	643.8	671.4	678.7	685.6	692.2	707.3	722.0	734.2	748.1
-55°	501.7	541.8	580.7	612.5	641.0	668.0	688.2	691.5	696.0	701.3	709.8
-57.5°	427.1	466.0	502.9	536.2	567.5	596.6	617.5	633.1	647.7	661.6	679.6
-60°	350.3	384.7	418.4	450.6	481.5	510.8	530.1	546.0	559.7	573.4	591.9
-62.5°	275.1	301.5	331.9	361.0	387.7	413.0	433.0	450.0	464.1	478.3	495.5
-65°	213.9	233.5	256.1	277.3	297.1	320.4	342.0	359.8	374.0	388.0	403.3
-67.5°	152.7	170.9	191.9	211.6	230.0	247.8	266.0	283.0	298.8	314.8	330.7
-70°	102.0	114.9	130.2	146.9	164.2	180.3	195.8	210.7	224.9	239.1	252.7
-72.5°	63.2	71.3	79.7	90.9	102.6	113.8	124.9	135.9	146.7	159.5	172.2
-75°	36.0	39.3	45.7	51.9	57.8	63.3	68.0	72.1	75.4	82.9	91.2
-77.5°	30.2	31.9	33.6	35.3	37.0	39.3	41.9	44.5	47.2	53.3	60.0
-80°	23.6	24.7	25.8	27.1	28.3	30.1	31.9	33.6	35.3	39.7	44.4
-82.5°	17.4	17.9	18.4	18.9	19.3	20.7	22.1	23.5	24.8	28.5	32.3
-85°	12.7	12.9	13.0	13.2	13.4	14.6	15.8	17.0	18.2	21.8	25.4
-87.5°	9.9	9.9	9.9	9.9	9.9	11.2	12.4	13.5	14.6	18.5	22.3
-90°	4.3	3.9	3.6	3.2	2.8	2.5	2.1	1.8	1.4	1.4	1.4



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	54.3	63.9	53.9	44.0	53.9	63.9	54.3	44.7	35.2	25.6	21.7
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
85°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	2.7
82.5°	1.8	1.4	2.1	2.8	2.1	1.4	1.8	2.1	2.5	2.8	3.1
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.2
77.5°	3.2	2.8	2.8	2.8	2.8	2.8	3.2	3.5	3.8	4.0	4.0
75°	4.6	4.3	4.3	4.3	4.3	4.3	4.6	4.9	5.2	5.5	5.6
72.5°	8.6	8.4	8.5	8.5	8.5	8.4	8.6	8.8	8.9	9.0	9.3
70°	13.0	13.9	14.2	14.2	14.2	13.9	13.0	12.2	11.4	11.3	12.1
67.5°	10.6	10.1	9.9	9.9	9.9	10.1	10.6	11.0	11.3	12.0	13.3
65°	9.1	8.6	8.5	8.5	8.5	8.6	9.1	9.6	10.1	11.1	12.7
62.5°	8.1	8.4	8.5	8.5	8.5	8.4	8.1	7.9	7.9	8.8	10.3
60°	8.0	8.4	8.5	8.5	8.5	8.4	8.0	7.6	7.2	7.5	8.2
57.5°	8.0	8.4	8.5	8.5	8.5	8.4	8.0	7.5	7.1	7.7	8.1
55°	8.4	8.5	9.0	9.9	9.0	8.5	8.4	8.3	8.0	8.4	8.9
52.5°	9.7	9.8	9.9	9.9	9.9	9.8	9.7	9.5	9.4	9.6	9.7
50°	11.2	11.3	11.4	11.4	11.4	11.3	11.2	11.0	10.9	11.1	11.2
47.5°	13.7	14.0	14.1	14.2	14.1	14.0	13.7	13.3	13.1	12.9	12.7
45°	17.1	17.0	16.9	17.0	16.9	17.0	17.1	16.9	18.0	17.7	15.4
42.5°	22.8	23.5	23.9	24.1	23.9	23.5	22.8	22.0	24.4	28.1	30.5
40°	36.1	36.6	36.3	35.5	36.3	36.6	36.1	34.4	32.8	30.9	33.2
37.5°	49.1	50.1	50.7	51.1	50.7	50.1	49.1	48.5	48.1	45.2	46.2
35°	68.9	69.7	69.2	71.0	69.2	69.7	68.9	68.2	67.1	63.9	70.8
32.5°	112.3	112.9	109.4	110.8	109.4	112.9	112.3	107.2	99.3	96.4	102.2
30°	172.0	179.8	184.6	190.3	184.6	179.8	172.0	163.0	150.1	138.0	133.8
27.5°	261.7	281.1	293.7	301.1	293.7	281.1	261.7	239.6	209.4	194.1	165.8
25°	408.7	438.1	453.9	465.9	453.9	438.1	408.7	365.7	318.4	284.7	250.1
22.5°	793.9	906.2	969.0	1028.4	969.0	906.2	793.9	621.8	497.0	422.7	376.2
20°	2035.7	2166.9	2414.0	2566.7	2414.0	2166.9	2035.7	1422.6	1039.2	702.0	569.4
17.5°	6857.7	8742.9	9094.8	9360.7	9094.8	8742.9	6857.7	4508.0	3380.2	1659.8	1100.3
15°	20422.2	26017.4	27523.3	28805.1	27523.3	26017.4	20422.2	12545.7	8750.9	5079.0	2607.8
12.5°	49308.0	64707.7	73083.8	79447.3	73083.8	64707.7	49308.0	35862.8	19608.1	13271.4	7452.6
10°	103307.4	133456.6	156339.9	169592.1	156339.9	133456.6	103307.4	72000.2	46097.0	25103.8	13096.6
7.5°	175928.4	227028.7	256899.7	272104.7	256899.7	227028.7	175928.4	120213.9	73546.6	41734.1	21947.7
5°	265349.4	331314.7	373003.2	395926.6	373003.2	331314.7	265349.4	179458.1	107190.6	60428.0	30499.1
2.5°	331446.6	416073.8	478563.5	507957.5	478563.5	416073.8	331446.6	233692.7	137897.0	76617.4	35945.1
0°	355379.4	444166.2	515601.6	558396.6	515601.6	444166.2	355379.4	248358.4	150651.9	84796.1	39417.2
-2.5°	332532.6	415884.1	471522.5	497413.5	471522.5	415884.1	332532.6	231586.3	138016.0	77883.4	36654.2
-5°	282771.7	354835.1	394818.1	411743.2	394818.1	354835.1	282771.7	196237.1	118065.9	69148.4	33352.7
-7.5°	200621.5	255591.9	283693.7	300365.0	283693.7	255591.9	200621.5	139402.3	87356.0	50332.1	25257.0
-10°	126310.7	157212.8	184093.9	196253.8	184093.9	157212.8	126310.7	88628.1	58967.7	33253.7	16543.7
-12.5°	73354.6	92919.2	108647.7	115329.1	108647.7	92919.2	73354.6	54241.7	33450.4	21270.6	11276.0
-15°	40537.8	51229.3	58470.8	61303.4	58470.8	51229.3	40537.8	28781.8	19825.0	11646.8	5416.1
-17.5°	22542.1	27730.2	29788.5	33089.2	29788.5	27730.2	22542.1	15857.4	10272.7	5175.8	3053.3
-20°	11043.6	13733.7	14596.3	16924.6	14596.3	13733.7	11043.6	7071.6	4665.6	2712.1	2190.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4289.7	4924.7	5066.2	6170.4	5066.2	4924.7	4289.7	3159.5	2328.1	2062.0	1888.9
-25°	2227.8	2334.8	2384.5	2514.2	2384.5	2334.8	2227.8	2067.1	1898.8	1815.4	1757.2
-27.5°	1872.7	1924.6	1966.0	2028.4	1966.0	1924.6	1872.7	1815.1	1743.9	1792.7	1842.4
-30°	1825.2	1816.1	1817.3	1823.8	1817.3	1816.1	1825.2	1846.6	1874.3	1958.9	2080.5
-32.5°	2030.7	1999.2	1983.5	1924.7	1983.5	1999.2	2030.7	2079.9	2141.7	2201.2	2253.3
-35°	2307.9	2305.3	2307.2	2279.8	2307.2	2305.3	2307.9	2317.9	2334.5	2356.3	2363.1
-37.5°	2460.2	2464.6	2470.1	2461.6	2470.1	2464.6	2460.2	2459.5	2457.8	2463.3	2393.3
-40°	2538.7	2551.6	2560.6	2558.2	2560.6	2551.6	2538.7	2524.9	2485.1	2432.9	2304.7
-42.5°	2519.9	2551.6	2567.2	2572.4	2567.2	2551.6	2519.9	2468.7	2366.2	2237.1	2056.1
-45°	2307.9	2437.3	2515.3	2536.9	2515.3	2437.3	2307.9	2141.5	1959.6	1785.4	1611.2
-47.5°	1653.3	1844.7	2024.2	2181.8	2024.2	1844.7	1653.3	1445.3	1260.5	1085.4	892.6
-50°	840.0	861.7	905.9	970.2	905.9	861.7	840.0	816.7	797.9	784.1	762.1
-52.5°	761.8	774.3	786.6	798.3	786.6	774.3	761.8	748.1	734.2	722.0	707.3
-55°	717.9	725.5	731.3	735.8	731.3	725.5	717.9	709.8	701.3	696.0	691.5
-57.5°	694.9	707.7	718.6	727.3	718.6	707.7	694.9	679.6	661.6	647.7	633.1
-60°	608.2	622.2	635.2	646.3	635.2	622.2	608.2	591.9	573.4	559.7	546.0
-62.5°	510.2	522.5	535.4	546.9	535.4	522.5	510.2	495.5	478.3	464.1	450.0
-65°	416.9	428.8	439.6	448.9	439.6	428.8	416.9	403.3	388.0	374.0	359.8
-67.5°	345.5	359.1	372.6	384.9	372.6	359.1	345.5	330.7	314.8	298.8	283.0
-70°	265.1	276.2	285.8	294.0	285.8	276.2	265.1	252.7	239.1	224.9	210.7
-72.5°	183.8	194.3	206.2	217.3	206.2	194.3	183.8	172.2	159.5	146.7	135.9
-75°	99.2	106.8	113.9	120.7	113.9	106.8	99.2	91.2	82.9	75.4	72.1
-77.5°	66.6	73.2	77.9	82.4	77.9	73.2	66.6	60.0	53.3	47.2	44.5
-80°	49.1	53.7	57.4	61.1	57.4	53.7	49.1	44.4	39.7	35.3	33.6
-82.5°	36.0	39.7	42.6	45.5	42.6	39.7	36.0	32.3	28.5	24.8	23.5
-85°	29.1	32.7	35.5	38.4	35.5	32.7	29.1	25.4	21.8	18.2	17.0
-87.5°	26.1	29.9	32.0	34.1	32.0	29.9	26.1	22.3	18.5	14.6	13.5
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	17.7	13.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
87.5°	2.1	2.5	2.8	3.2	3.6	3.9	4.3	4.3	4.3	4.3	4.3
85°	2.7	2.7	2.8	3.2	3.6	3.9	4.3	4.5	4.7	4.8	4.9
82.5°	3.4	3.7	3.9	3.9	4.0	4.1	4.3	4.7	5.0	5.4	5.7
80°	3.6	4.0	4.3	4.5	4.6	4.7	4.7	4.9	5.1	5.4	5.8
77.5°	4.1	4.2	4.4	4.9	5.3	5.7	5.9	6.1	6.2	6.4	6.5
75°	5.7	5.7	5.8	6.4	6.8	6.9	7.0	6.9	6.9	7.0	7.1
72.5°	9.4	9.4	9.7	10.5	10.9	11.4	11.2	10.3	9.3	8.0	7.1
70°	12.8	13.4	14.9	17.0	18.4	19.0	18.8	17.4	14.9	13.0	11.0
67.5°	14.5	15.6	17.9	21.0	23.3	25.3	27.2	28.1	27.0	24.3	18.0
65°	14.4	16.2	17.9	19.6	22.3	26.1	33.0	36.5	37.3	35.9	28.0
62.5°	11.9	13.8	15.0	16.4	18.3	22.3	31.5	39.0	44.6	44.5	35.5
60°	9.1	10.0	11.3	12.8	14.3	18.6	27.0	36.9	48.3	45.7	39.1
57.5°	8.4	9.0	9.9	10.7	11.3	14.7	21.1	29.9	40.5	40.6	37.9
55°	9.6	10.1	10.6	11.0	11.5	12.9	15.4	20.8	28.8	30.9	30.5
52.5°	9.8	10.6	11.5	12.3	12.5	12.6	13.3	16.2	18.6	21.9	23.3
50°	11.3	11.5	11.9	12.6	12.9	12.9	13.0	13.8	15.4	16.8	17.8
47.5°	12.8	12.9	12.7	12.9	13.5	13.5	13.3	13.3	14.5	15.2	15.9
45°	15.5	15.4	15.0	15.4	15.2	15.0	14.6	15.1	15.2	15.6	15.6
42.5°	28.1	22.5	18.8	20.5	21.0	19.6	17.7	18.2	17.8	17.1	18.3
40°	38.5	43.7	38.0	30.5	28.6	27.7	25.3	22.6	21.8	20.2	22.6
37.5°	45.7	44.6	54.8	59.0	47.5	38.5	35.4	30.5	27.1	28.0	29.6
35°	70.0	67.5	68.6	73.7	77.2	66.3	51.7	42.0	36.6	37.7	38.3
32.5°	106.9	99.9	99.4	96.9	101.5	100.7	82.8	62.2	53.6	50.8	48.5
30°	136.0	128.9	120.4	135.4	143.6	137.2	119.6	105.9	87.0	66.8	60.5
27.5°	171.0	165.9	152.8	182.6	199.1	188.5	177.1	164.3	130.7	98.5	79.2
25°	238.0	221.9	232.5	253.1	266.9	258.6	245.6	227.9	192.7	145.6	119.1
22.5°	335.0	328.8	329.0	329.0	364.9	355.0	320.3	294.4	287.5	266.1	199.2
20°	518.9	479.9	448.3	495.1	531.5	476.4	407.3	438.5	492.4	442.0	308.3
17.5°	919.4	778.8	705.0	772.4	769.0	667.4	715.8	737.0	736.7	661.0	439.5
15°	1606.0	1318.4	1173.6	1107.1	1103.8	1167.0	1218.0	1086.4	1017.9	897.9	653.9
12.5°	3330.4	1973.3	1681.8	1536.5	1561.2	1654.2	1730.7	1546.2	1346.4	1241.7	1014.8
10°	5946.9	3171.5	2315.4	2072.8	2008.8	2094.6	2135.3	1951.6	1723.3	1620.8	1399.8
7.5°	11320.0	5217.9	2963.9	2568.3	2380.2	2357.2	2372.7	2264.0	2078.0	1986.6	1797.5
5°	15976.9	6637.1	3459.0	2952.7	2694.1	2624.0	2611.0	2519.8	2414.8	2341.1	2193.8
2.5°	17085.2	6859.0	3886.3	3307.0	2981.2	2887.0	2875.0	2729.4	2639.9	2529.4	2367.7
0°	19717.1	7999.9	4034.1	3436.0	3139.2	3110.8	3178.9	2921.8	2813.9	2681.8	2511.3
-2.5°	17613.2	7089.4	3889.3	3365.0	3114.3	3141.0	3286.8	3094.2	2932.3	2734.1	2478.8
-5°	14809.9	6216.4	3637.2	3139.7	2934.6	3014.3	3213.6	3121.2	2955.8	2744.7	2401.0
-7.5°	11344.2	5122.4	3311.8	2877.4	2723.0	2840.5	3031.6	2977.0	2801.4	2620.6	2242.0
-10°	7062.3	3812.9	2863.4	2562.5	2513.0	2692.2	2875.4	2811.8	2648.8	2493.5	2057.2
-12.5°	4929.0	2851.1	2405.4	2236.8	2318.4	2586.6	2740.1	2632.8	2502.6	2367.4	1853.8
-15°	2917.7	2354.8	2137.7	2077.5	2206.5	2474.4	2600.2	2496.7	2396.1	2244.3	1638.7
-17.5°	2281.8	2012.9	1925.6	2007.1	2197.6	2358.6	2445.0	2388.4	2270.6	2039.1	1380.1
-20°	1954.6	1861.3	1901.7	2006.4	2173.6	2291.8	2339.8	2269.6	2119.1	1719.3	1116.7



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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°	1815.7	1897.4	1984.0	2060.6	2108.4	2188.2	2208.2	2129.3	1947.8	1381.4	860.3
-25°	1868.2	2023.4	2144.3	2156.6	2093.6	2088.4	2083.6	1971.6	1607.7	1069.4	645.0
-27.5°	2008.9	2191.7	2294.0	2238.9	2120.5	2014.2	1945.7	1777.2	1258.9	824.1	606.7
-30°	2192.8	2287.1	2317.6	2222.6	2077.8	1964.0	1824.6	1395.7	970.5	636.5	578.2
-32.5°	2296.4	2307.1	2262.0	2120.2	2003.8	1898.5	1512.1	1046.8	701.8	606.3	563.3
-35°	2355.7	2250.4	2116.7	2024.0	1957.0	1604.1	1175.2	780.9	625.9	580.3	551.6
-37.5°	2270.0	2108.8	2019.7	1908.5	1610.0	1238.2	829.9	658.8	599.7	567.2	548.0
-40°	2143.4	2014.8	1776.4	1520.6	1175.7	801.7	689.2	634.2	592.9	560.1	548.5
-42.5°	1851.4	1629.6	1341.1	1011.9	753.1	708.4	664.9	623.1	591.2	568.7	523.5
-45°	1344.7	1058.1	800.4	754.1	711.1	677.3	647.7	622.7	601.3	548.9	490.6
-47.5°	827.6	779.7	738.0	708.5	678.2	654.3	647.0	631.9	571.9	513.9	455.3
-50°	738.7	716.1	693.2	674.3	665.0	656.9	627.7	586.0	527.8	469.9	414.0
-52.5°	692.2	685.6	678.7	671.4	643.8	608.5	570.6	526.0	474.5	418.9	365.0
-55°	688.2	668.0	641.0	612.5	580.7	541.8	501.7	459.4	412.7	361.5	314.8
-57.5°	617.5	596.6	567.5	536.2	502.9	466.0	427.1	387.1	348.5	305.5	264.0
-60°	530.1	510.8	481.5	450.6	418.4	384.7	350.3	316.5	283.6	251.9	218.5
-62.5°	433.0	413.0	387.7	361.0	331.9	301.5	275.1	252.0	228.0	201.2	170.6
-65°	342.0	320.4	297.1	277.3	256.1	233.5	213.9	193.3	171.4	147.8	121.6
-67.5°	266.0	247.8	230.0	211.6	191.9	170.9	152.7	134.0	117.7	101.4	82.7
-70°	195.8	180.3	164.2	146.9	130.2	114.9	102.0	89.1	74.9	63.5	53.8
-72.5°	124.9	113.8	102.6	90.9	79.7	71.3	63.2	55.2	47.4	39.8	34.2
-75°	68.0	63.3	57.8	51.9	45.7	39.3	36.0	34.4	32.7	30.7	28.5
-77.5°	41.9	39.3	37.0	35.3	33.6	31.9	30.2	28.6	26.9	25.5	24.1
-80°	31.9	30.1	28.3	27.1	25.8	24.7	23.6	22.6	21.7	21.0	20.2
-82.5°	22.1	20.7	19.3	18.9	18.4	17.9	17.4	17.1	16.8	16.5	16.3
-85°	15.8	14.6	13.4	13.2	13.0	12.9	12.7	12.8	12.9	13.0	13.1
-87.5°	12.4	11.2	9.9	9.9	9.9	9.9	9.9	10.2	10.5	10.7	11.0
-90°	2.1	2.5	2.8	3.2	3.6	3.9	4.3	4.3	4.3	4.3	4.3



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.6	9.2	8.9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	4.7	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.1	7.1	7.1
85°	5.0	5.2	5.4	5.7	6.1	6.4	6.8	7.1	7.1	7.1	7.1
82.5°	5.7	5.7	5.6	5.7	6.1	6.4	6.8	7.1	7.1	7.1	7.1
80°	6.0	6.1	6.2	6.1	6.2	6.5	6.8	7.1	7.1	7.1	7.1
77.5°	6.5	6.6	6.8	6.9	6.8	6.8	6.9	7.1	7.1	7.1	7.1
75°	7.1	7.0	7.0	7.2	7.2	7.1	7.0	7.2	7.2	7.1	7.1
72.5°	7.1	7.1	7.1	7.3	7.5	7.5	7.3	7.2	7.4	7.4	7.2
70°	9.1	7.5	7.1	7.3	7.7	8.0	7.9	7.7	7.6	7.7	7.5
67.5°	12.8	10.6	8.8	7.7	7.7	8.1	8.4	8.3	8.2	8.0	7.9
65°	20.6	15.0	11.2	9.6	8.5	8.1	8.5	8.8	8.7	8.5	8.3
62.5°	27.3	20.0	15.0	11.9	9.9	8.9	8.6	9.0	9.2	9.0	8.7
60°	32.8	24.5	18.8	15.2	11.9	9.7	9.2	9.3	9.6	9.5	9.1
57.5°	31.9	27.3	23.3	18.7	14.8	11.4	9.9	9.9	9.9	9.9	9.5
55°	28.3	25.3	26.2	22.8	17.9	13.8	11.2	10.5	10.4	10.3	10.1
52.5°	22.2	23.9	26.5	25.8	21.5	16.4	13.5	11.2	11.0	10.8	10.7
50°	17.7	21.4	26.1	27.6	24.9	19.8	15.6	12.9	11.6	11.3	11.4
47.5°	17.1	20.5	24.0	28.9	27.7	22.8	18.0	14.7	12.2	11.9	12.1
45°	18.6	21.2	23.3	27.1	30.2	25.0	20.3	16.3	13.6	12.7	12.9
42.5°	21.1	23.3	24.8	25.4	28.8	26.7	22.3	18.1	15.0	13.7	13.8
40°	24.9	26.4	27.2	27.8	27.7	27.9	23.5	19.5	16.3	14.9	14.7
37.5°	29.4	30.5	30.7	31.7	28.6	27.7	24.4	20.8	18.2	16.5	15.7
35°	37.2	35.3	36.6	37.0	33.4	28.4	24.9	21.6	20.2	18.1	16.7
32.5°	46.2	44.0	44.8	43.3	39.3	29.8	25.6	24.0	22.5	19.7	17.8
30°	58.8	60.0	54.9	50.4	46.1	35.3	28.4	26.7	24.9	21.2	18.9
27.5°	82.3	79.7	67.9	59.9	52.9	42.5	33.8	29.7	27.4	22.9	20.3
25°	112.3	103.4	87.0	71.2	60.2	64.0	40.0	33.0	30.0	25.0	21.5
22.5°	152.1	130.8	108.7	83.5	91.8	92.4	52.2	38.1	32.7	27.1	22.8
20°	197.5	161.4	141.2	132.6	129.7	120.8	73.1	43.5	35.5	29.3	24.0
17.5°	256.2	225.5	219.4	193.1	171.5	151.9	97.7	49.3	38.4	31.4	25.2
15°	432.5	330.4	303.0	259.6	215.9	185.1	125.1	55.2	41.4	33.6	25.6
12.5°	661.5	438.6	390.6	330.7	262.3	220.0	154.5	61.2	44.4	34.5	25.3
10°	919.1	549.1	481.0	404.8	309.9	255.9	184.8	67.0	45.8	34.5	24.9
7.5°	1193.3	660.3	572.8	480.2	356.3	289.4	215.0	72.3	46.9	34.3	24.4
5°	1442.1	751.4	645.4	537.6	393.1	319.0	244.1	77.5	48.0	33.9	23.9
2.5°	1550.3	809.0	703.7	589.1	428.3	347.2	270.8	82.3	49.0	33.4	23.3
0°	1629.2	862.2	758.5	636.4	461.6	373.6	294.0	86.6	49.7	32.7	22.7
-2.5°	1553.8	853.7	746.3	634.4	472.5	379.1	295.1	100.1	59.5	38.5	25.1
-5°	1454.7	840.9	731.1	628.3	480.6	382.4	292.3	112.7	68.8	44.0	27.4
-7.5°	1367.9	808.5	708.8	617.2	485.3	383.2	286.5	124.1	77.4	49.1	29.5
-10°	1257.8	763.9	676.5	591.6	478.3	381.0	278.9	134.2	85.1	53.5	31.2
-12.5°	1113.5	718.2	643.7	566.2	468.0	376.6	272.3	143.7	91.9	57.1	32.6
-15°	933.5	672.0	611.3	542.6	456.4	370.7	264.5	152.1	99.0	60.8	33.7
-17.5°	720.3	626.2	579.8	521.9	443.9	363.6	256.2	158.6	104.8	64.7	35.3
-20°	657.0	593.9	550.2	505.2	430.8	355.5	247.9	163.1	109.4	67.6	37.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	623.5	573.2	534.3	488.0	417.9	346.4	240.2	165.6	112.6	69.2	38.1
-25°	589.3	553.6	522.6	471.5	405.3	332.4	237.4	165.8	114.4	69.6	38.2
-27.5°	564.2	536.8	513.4	454.1	390.5	320.8	236.6	167.2	114.7	68.7	37.4
-30°	544.6	527.4	495.6	435.8	374.1	304.1	232.9	166.7	113.4	67.3	35.6
-32.5°	535.0	521.8	474.4	416.3	354.6	286.3	222.1	164.3	110.2	65.2	34.6
-35°	534.9	505.4	452.7	395.3	333.5	269.5	208.7	159.9	105.0	61.7	33.4
-37.5°	533.2	481.7	428.3	372.2	311.6	251.5	195.9	147.8	97.9	56.7	31.6
-40°	505.5	454.8	402.0	347.7	290.2	232.3	181.1	133.9	90.4	50.2	29.2
-42.5°	475.4	424.4	372.6	321.9	268.0	213.7	164.3	118.6	79.3	45.4	26.1
-45°	440.6	390.8	340.2	292.8	244.6	192.8	145.7	102.3	67.0	41.0	23.7
-47.5°	402.6	352.7	305.8	261.6	218.3	169.9	125.7	87.4	53.8	35.8	22.9
-50°	358.4	312.6	269.5	229.0	188.0	145.9	105.1	71.4	46.3	29.2	21.9
-52.5°	314.8	270.8	233.0	195.7	158.1	120.3	86.1	55.3	38.4	25.9	20.7
-55°	269.4	230.6	196.9	162.1	127.3	96.6	66.0	45.9	30.0	24.1	19.4
-57.5°	227.7	192.3	159.7	127.5	99.1	72.6	51.3	35.9	26.4	22.2	18.6
-60°	185.4	152.2	121.3	96.6	72.6	53.5	39.6	28.1	24.2	20.3	17.7
-62.5°	140.3	112.0	89.1	67.6	52.3	40.1	29.2	25.6	21.9	19.1	16.6
-65°	100.2	78.8	58.7	48.5	37.8	29.3	26.3	22.9	20.3	17.9	15.7
-67.5°	64.0	53.0	42.5	33.0	28.8	26.1	23.3	21.1	18.9	16.7	15.0
-70°	44.3	35.0	30.1	27.6	25.2	22.9	21.3	19.5	17.5	15.8	14.2
-72.5°	31.4	28.7	26.0	23.8	22.4	21.0	19.5	18.0	16.5	15.0	13.5
-75°	26.2	24.5	22.9	21.5	20.3	19.0	17.9	16.9	15.5	14.1	12.7
-77.5°	22.8	21.5	20.3	19.2	18.2	17.3	16.5	15.7	14.4	13.0	11.8
-80°	19.3	18.4	17.6	16.8	16.2	15.6	14.9	14.2	13.0	11.9	10.9
-82.5°	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	11.6	10.7	10.1
-85°	12.9	12.6	12.3	12.0	11.7	11.4	11.2	10.9	10.4	10.0	9.6
-87.5°	10.8	10.6	10.4	10.2	10.1	9.9	9.8	9.7	9.5	9.2	9.0
-90°	4.7	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.1	7.1	7.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.5	8.2	7.8	7.5	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.2	7.1	7.1	7.1	7.1	7.1
75°	7.2	7.3	7.1	7.1	7.1	7.1	7.1
72.5°	7.2	7.5	7.4	7.1	7.1	7.1	7.1
70°	7.4	7.7	7.7	7.2	7.1	7.1	7.1
67.5°	7.8	8.0	7.9	7.4	7.1	7.1	7.1
65°	8.2	8.3	8.2	7.7	7.1	7.1	7.1
62.5°	8.6	8.6	8.5	8.0	7.1	7.1	7.1
60°	9.0	9.0	8.9	8.3	7.1	7.1	7.1
57.5°	9.5	9.3	9.1	8.6	7.3	7.1	7.1
55°	10.0	9.7	9.4	8.9	7.5	7.1	7.1
52.5°	10.5	10.0	9.7	9.2	7.6	7.1	7.1
50°	11.0	10.5	10.0	9.5	7.8	7.1	7.1
47.5°	11.6	11.0	10.3	9.8	8.0	7.1	7.1
45°	12.3	11.4	10.5	10.0	8.1	7.1	7.1
42.5°	13.1	11.9	10.8	10.2	8.2	7.1	7.1
40°	13.8	12.4	11.1	10.3	8.3	7.1	7.1
37.5°	14.7	12.9	11.5	10.3	8.4	7.1	7.1
35°	15.5	13.5	11.9	10.4	8.5	7.1	7.1
32.5°	16.4	14.2	12.3	10.4	8.6	7.1	7.1
30°	17.3	14.9	12.7	10.4	8.6	7.1	7.1
27.5°	18.2	15.6	12.8	10.4	8.7	7.1	7.1
25°	19.1	16.3	12.8	10.4	8.7	7.1	7.1
22.5°	20.0	16.7	12.8	10.4	8.7	7.1	7.1
20°	20.9	16.7	12.7	10.4	8.8	7.1	7.1
17.5°	21.1	16.6	12.7	10.4	8.8	7.1	7.1
15°	20.7	16.4	12.6	10.3	8.7	7.1	7.1
12.5°	20.2	16.1	12.4	10.3	8.7	7.1	7.1
10°	19.7	15.8	12.3	10.2	8.7	7.1	7.1
7.5°	19.1	15.5	12.1	10.2	8.7	7.1	7.1
5°	18.5	15.1	11.9	10.1	8.6	7.1	7.1
2.5°	17.7	14.7	11.6	10.0	8.6	7.1	7.1
0°	17.0	14.2	11.4	9.9	8.5	7.1	7.1
-2.5°	17.7	14.3	11.5	9.9	8.5	7.1	7.1
-5°	18.4	14.5	11.6	9.9	8.5	7.2	7.1
-7.5°	19.0	14.5	11.7	9.9	8.5	7.2	7.1
-10°	19.6	14.6	11.8	9.8	8.5	7.2	7.1
-12.5°	20.0	14.6	11.8	9.8	8.4	7.2	7.1
-15°	20.2	14.6	11.8	9.8	8.4	7.3	7.1
-17.5°	20.3	14.6	11.8	9.7	8.4	7.3	7.1
-20°	20.6	14.6	11.8	9.6	8.4	7.3	7.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.2	14.5	11.7	9.6	8.4	7.3	7.1
-25°	21.4	14.6	11.6	9.5	8.3	7.4	7.1
-27.5°	21.3	14.8	11.4	9.4	8.3	7.4	7.1
-30°	20.8	14.8	11.3	9.3	8.3	7.4	7.1
-32.5°	19.8	14.8	11.2	9.2	8.3	7.4	7.1
-35°	19.4	14.7	11.2	9.1	8.3	7.4	7.1
-37.5°	19.3	14.6	11.1	9.0	8.3	7.4	7.1
-40°	19.0	14.4	10.9	8.9	8.3	7.4	7.1
-42.5°	18.6	14.2	10.8	8.8	8.3	7.4	7.1
-45°	18.0	13.9	10.8	8.8	8.3	7.5	7.1
-47.5°	17.3	13.6	10.7	8.8	8.3	7.4	7.1
-50°	16.8	13.2	10.7	8.8	8.3	7.4	7.1
-52.5°	16.3	12.8	10.5	8.9	8.3	7.4	7.1
-55°	15.7	12.6	10.4	8.9	8.3	7.4	7.1
-57.5°	15.1	12.4	10.3	8.9	8.3	7.4	7.1
-60°	14.4	12.1	10.1	8.9	8.3	7.4	7.1
-62.5°	14.0	11.8	10.0	8.9	8.2	7.4	7.1
-65°	13.6	11.5	9.9	8.9	8.2	7.4	7.1
-67.5°	13.1	11.1	9.7	8.9	8.1	7.3	7.1
-70°	12.5	10.8	9.6	8.8	8.0	7.3	7.1
-72.5°	11.9	10.5	9.4	8.7	7.9	7.3	7.1
-75°	11.3	10.1	9.2	8.5	7.8	7.3	7.1
-77.5°	10.6	9.7	9.0	8.3	7.7	7.2	7.1
-80°	10.0	9.3	8.7	8.2	7.6	7.2	7.1
-82.5°	9.6	9.0	8.5	8.0	7.5	7.2	7.1
-85°	9.2	8.7	8.3	7.8	7.3	7.2	7.1
-87.5°	8.9	8.5	8.0	7.6	7.2	7.1	7.1
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1

(END OF REPORT)