

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: P1306049 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-4S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

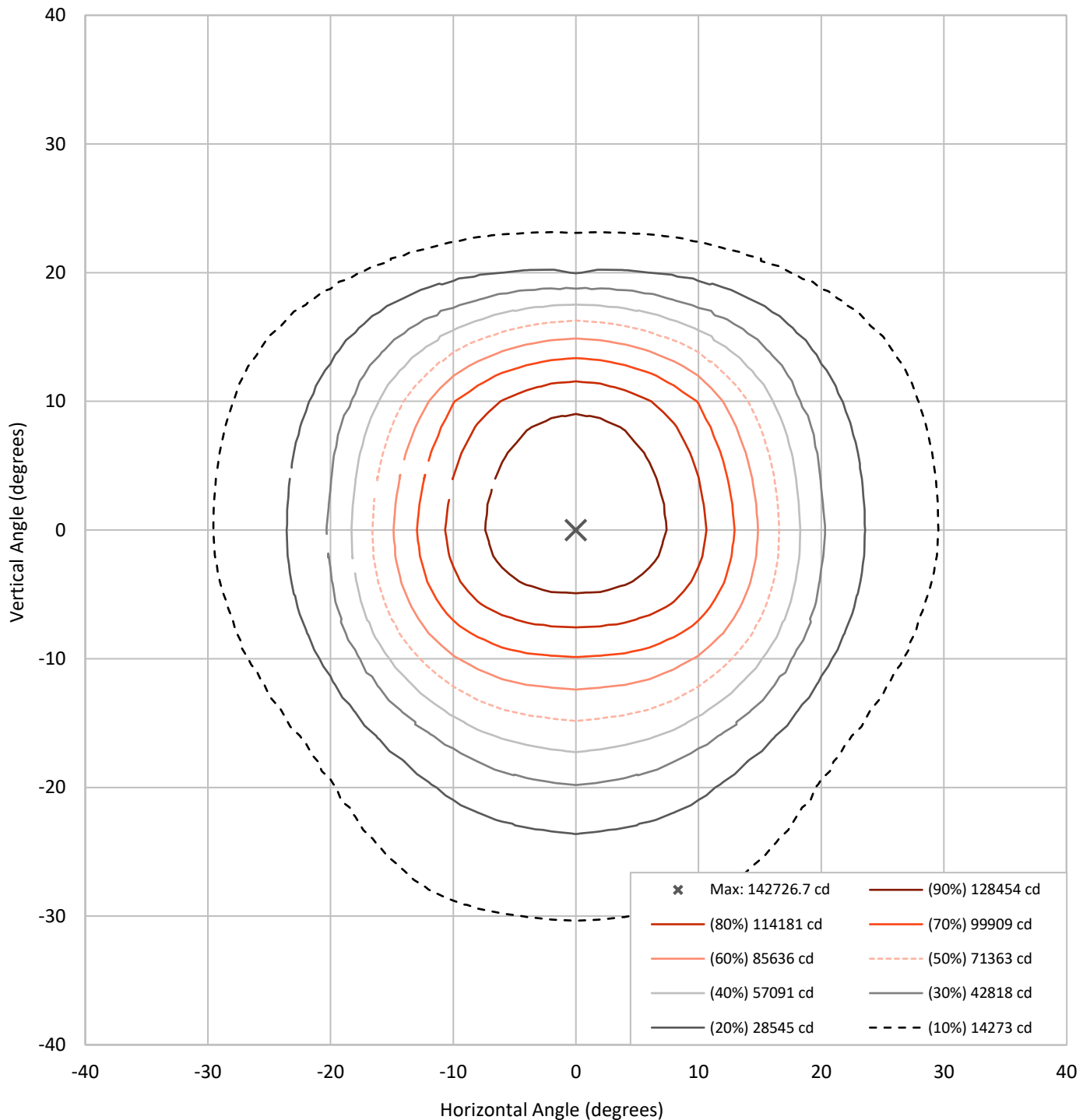
Test Method: LM-79-08  
Report Number: P1306049 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-70-4S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	48629.9 lumens	Max Intensity:	142726.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	26578.2 lumens	Field Lumens:	42826 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
Input Watts (W):	334		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





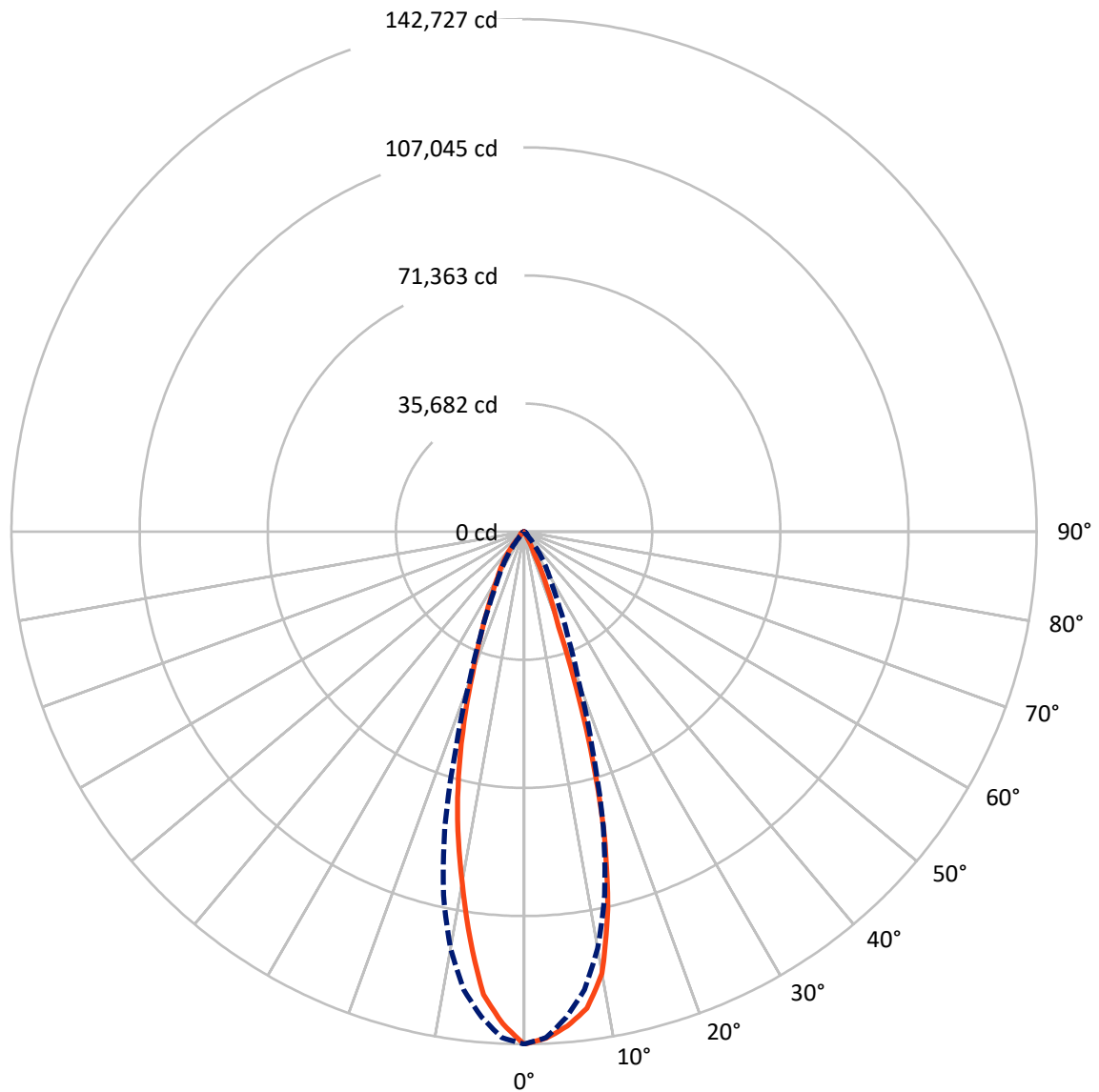
REPORT NUMBER: P1306049 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.0	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.0										
70	0.1	0.0	0.1	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.1	0.0	0.1			
60		0.0	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.0				
50	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1			
40		0.1	0.5	1.4	2.6	4.6	7.0	8.6	8.6	7.0	4.6	2.6	1.4	0.5	0.1				
30	0.1	0.3	2.4	7.3	28.9	90.1	180.5	293.0	293.0	180.5	90.1	28.9	7.3	2.4	0.3	0.1			
20		0.7	5.4	17.6	119.3	407.5	1216.1	2267.2	2267.2	1216.1	407.5	119.3	17.6	5.4	0.7				
10	0.1	1.2	7.4	25.2	185.9	662.1	2270.3	3888.5	3888.5	2270.3	662.1	185.9	25.2	7.4	1.2	0.1			
0		1.5	7.9	25.9	183.5	638.6	2197.4	3619.5	3619.5	2197.4	638.6	183.5	25.9	7.9	1.5				
-10	0.3	1.8	7.6	20.0	109.1	360.8	1108.9	1976.7	1976.7	1108.9	360.8	109.1	20.0	7.6	1.8	0.3			
-20		1.9	7.3	15.4	51.4	195.6	450.6	718.9	718.9	450.6	195.6	51.4	15.4	7.3	1.9				
-30	0.2	1.5	6.5	13.1	25.3	72.7	182.0	276.4	276.4	182.0	72.7	25.3	13.1	6.5	1.5	0.2			
-40		1.0	4.8	11.2	19.0	28.9	44.0	59.7	59.7	44.0	28.9	19.0	11.2	4.8	1.0				
-50	0.1	0.5	2.5	7.3	14.2	20.5	26.4	30.2	30.2	26.4	20.5	14.2	7.3	2.5	0.5	0.1			
-60		0.2	0.9	2.6	5.7	9.5	13.5	15.6	15.6	13.5	9.5	5.7	2.6	0.9	0.2				
-70	0.1	0.5	2.5	7.3	14.2	20.5	26.4	30.2	30.2	26.4	20.5	14.2	7.3	2.5	0.5	0.1			
-80		0.2	0.9	2.6	5.7	9.5	13.5	15.6	15.6	13.5	9.5	5.7	2.6	0.9	0.2				
-90	0.1	0.4	1.8	4.6	6.1	4.6	1.8	0.4	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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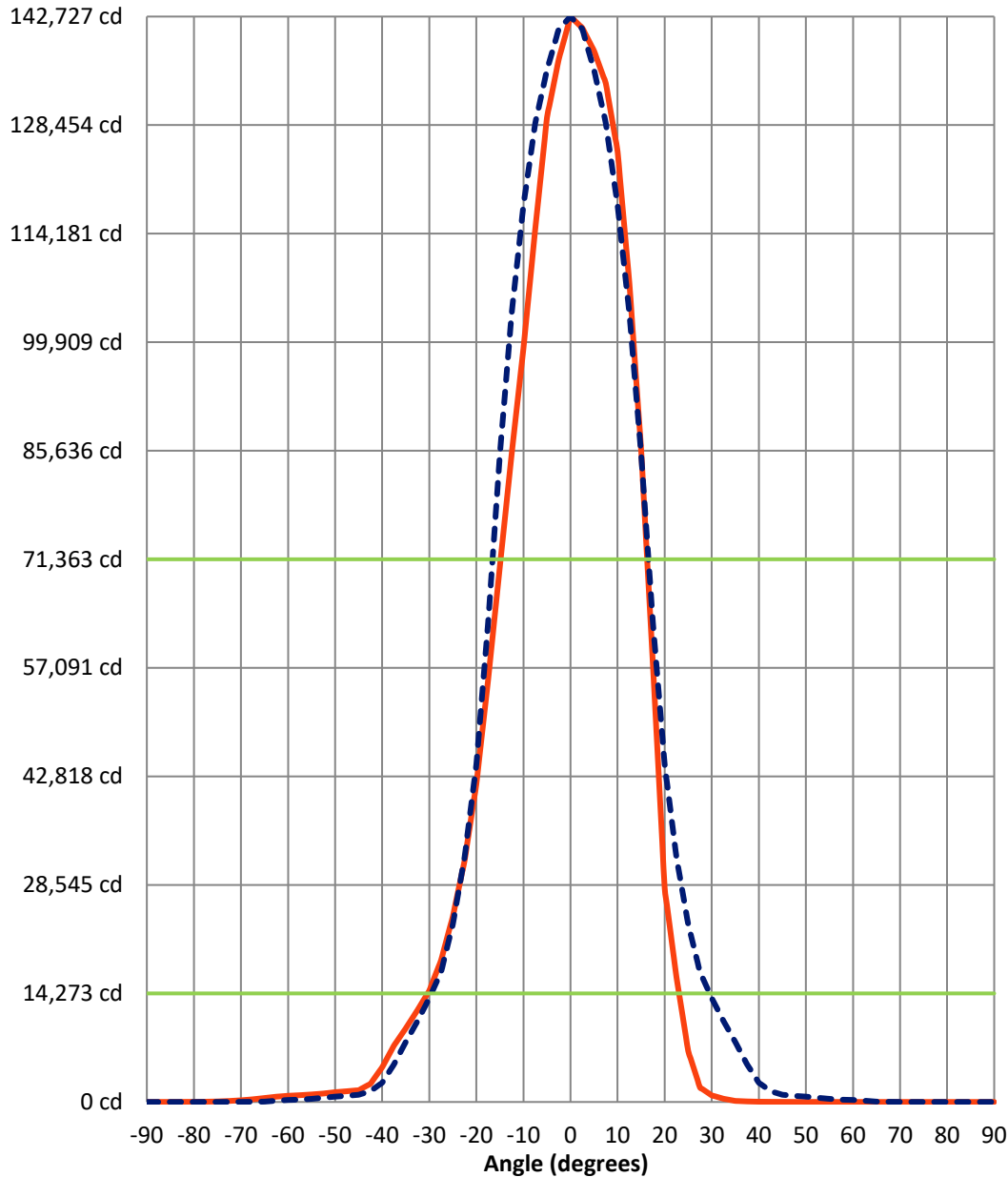
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 31.1°  
 Lumens: 26578.2  
 Efficiency: 54.7%

**Field:**  
 H Angle: 59.1°  
 V Angle: 53.4°  
 Lumens: 42826  
 Efficiency: 88.1%

**Spill:**  
 Lumens: 5803.9  
 Efficiency: 11.9%

— 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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	2.5	1.9	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
85°	2.5	1.9	1.4	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.2
82.5°	2.5	1.9	1.5	1.6	1.5	1.4	1.2	1.2	1.2	1.3	1.2
80°	2.5	2.0	1.7	1.7	1.7	1.5	1.3	1.4	1.4	1.4	1.2
77.5°	2.5	2.0	1.8	1.8	1.8	1.6	1.6	1.7	1.7	1.5	1.4
75°	2.5	2.0	1.9	2.0	1.9	1.8	1.9	2.0	1.9	1.9	1.9
72.5°	2.5	2.1	2.0	2.1	2.0	2.0	2.2	2.3	2.2	2.2	2.4
70°	2.5	2.1	2.1	2.2	2.1	2.2	2.5	2.4	2.3	2.5	2.5
67.5°	2.5	2.1	2.2	2.3	2.2	2.4	2.5	2.4	2.5	2.5	2.5
65°	2.5	2.2	2.3	2.3	2.3	2.5	2.5	2.5	2.5	2.5	2.5
62.5°	2.5	2.2	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5
60°	2.5	2.2	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.2	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5
55°	2.5	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
52.5°	2.5	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
50°	2.5	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.2
47.5°	2.5	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0
45°	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.2	4.8
42.5°	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	3.8	5.8
40°	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.6	2.9	4.5	6.8
37.5°	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.8	3.5	5.3	7.9
35°	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.9	4.1	6.3	8.9
32.5°	2.5	2.4	2.5	2.5	2.5	2.5	2.5	3.1	4.7	7.2	9.8
30°	2.5	2.5	2.5	2.5	2.5	2.5	2.7	3.3	5.2	8.1	10.9
27.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.8	3.8	5.8	8.9	12.1
25°	2.5	2.5	2.5	2.5	2.5	2.5	2.9	4.2	6.5	9.8	13.6
22.5°	2.5	2.5	2.5	2.5	2.5	2.5	3.1	4.6	7.2	10.9	16.5
20°	2.5	2.5	2.5	2.5	2.5	2.6	3.2	5.0	7.8	12.0	19.6
17.5°	2.5	2.5	2.5	2.5	2.5	2.7	3.5	5.3	8.3	13.2	22.9
15°	2.5	2.5	2.5	2.5	2.5	2.8	3.7	5.7	8.8	14.4	26.4
12.5°	2.5	2.5	2.5	2.5	2.5	3.0	3.9	6.3	9.6	15.6	29.9
10°	2.5	2.5	2.5	2.5	2.5	3.1	4.1	6.8	10.7	17.7	33.5
7.5°	2.5	2.5	2.5	2.5	2.5	3.3	4.4	7.3	11.8	19.9	37.3
5°	2.5	2.5	2.5	2.5	2.5	3.4	4.6	7.8	12.9	22.0	40.8
2.5°	2.5	2.5	2.5	2.5	2.5	3.6	4.7	8.2	13.9	24.0	44.0
0°	2.5	2.5	2.5	2.5	2.5	3.7	4.9	8.6	14.8	25.9	46.8
-2.5°	2.5	2.5	2.5	2.5	2.6	4.1	6.1	10.9	19.9	35.0	60.3
-5°	2.5	2.5	2.5	2.5	2.7	4.5	7.2	13.1	24.7	43.6	73.2
-7.5°	2.5	2.5	2.5	2.5	2.8	4.8	8.2	15.2	29.2	51.7	85.2
-10°	2.5	2.5	2.5	2.5	2.9	5.2	9.2	17.1	33.2	58.9	96.0
-12.5°	2.5	2.5	2.5	2.5	3.0	5.4	10.0	18.7	36.7	65.1	105.6
-15°	2.5	2.5	2.5	2.5	3.0	5.6	10.7	20.1	39.5	69.9	113.4
-17.5°	2.5	2.5	2.5	2.5	3.1	5.8	11.3	21.4	41.6	73.5	119.2
-20°	2.5	2.5	2.5	2.5	3.1	5.9	11.7	22.6	42.9	75.7	122.8



REPORT NUMBER: P1306049 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.5	2.5	2.5	2.5	3.1	5.9	12.2	23.3	43.4	76.6	123.8
-25°	2.5	2.5	2.5	2.5	3.1	5.9	12.4	23.7	42.9	75.8	122.3
-27.5°	2.5	2.5	2.5	2.5	3.1	5.9	12.3	23.5	41.5	74.1	121.2
-30°	2.5	2.5	2.5	2.5	3.1	5.8	12.0	22.9	40.6	72.4	118.1
-32.5°	2.5	2.5	2.5	2.5	3.1	5.6	11.4	22.4	39.8	69.3	112.8
-35°	2.5	2.5	2.5	2.5	3.1	5.2	10.9	21.7	38.3	64.8	105.2
-37.5°	2.5	2.5	2.5	2.5	3.1	4.9	10.5	20.5	36.1	58.9	95.9
-40°	2.5	2.5	2.5	2.5	3.1	4.9	9.9	18.9	33.2	54.6	86.5
-42.5°	2.5	2.5	2.5	2.5	3.1	4.9	9.1	16.9	30.6	49.8	75.7
-45°	2.5	2.5	2.5	2.5	3.2	4.8	8.1	15.1	27.8	44.3	64.5
-47.5°	2.5	2.5	2.5	2.6	3.2	4.7	6.9	13.7	24.4	38.3	57.6
-50°	2.5	2.5	2.5	2.6	3.2	4.6	6.6	12.0	20.2	33.3	50.1
-52.5°	2.5	2.5	2.5	2.6	3.2	4.4	6.4	10.2	17.1	27.8	42.1
-55°	2.5	2.5	2.5	2.6	3.1	4.3	6.1	8.3	14.5	21.8	35.1
-57.5°	2.5	2.5	2.5	2.6	3.0	4.1	5.8	7.9	11.8	17.9	27.4
-60°	2.5	2.5	2.5	2.6	2.9	3.9	5.4	7.4	9.4	14.7	20.6
-62.5°	2.5	2.5	2.5	2.6	2.9	3.7	5.1	6.8	8.7	11.3	16.8
-65°	2.5	2.5	2.5	2.6	2.8	3.4	4.6	6.2	7.9	9.8	12.8
-67.5°	2.5	2.5	2.5	2.5	2.8	3.2	4.2	5.6	7.1	8.8	10.7
-70°	2.5	2.5	2.5	2.5	2.7	3.1	3.7	5.0	6.4	7.7	9.4
-72.5°	2.5	2.5	2.5	2.5	2.6	2.9	3.4	4.3	5.6	6.9	8.2
-75°	2.5	2.5	2.5	2.5	2.5	2.7	3.1	3.9	4.9	6.1	7.2
-77.5°	2.5	2.5	2.5	2.5	2.5	2.6	2.8	3.5	4.3	5.2	6.3
-80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.1	3.7	4.5	5.3
-82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.8	3.1	3.7	4.3
-85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.2	3.5
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.8	3.0
-90°	2.5	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.7
80°	1.2	1.2	1.3	1.2	1.3	1.5	1.8	2.2	2.4	2.5	2.5
77.5°	1.5	1.6	1.5	1.3	1.4	1.8	2.1	2.4	2.5	2.5	2.5
75°	2.0	1.9	1.6	1.3	1.4	1.7	2.1	2.4	2.5	2.5	2.5
72.5°	2.3	2.0	1.7	1.4	1.6	2.1	2.3	2.5	3.1	3.8	4.2
70°	2.4	2.0	1.9	2.0	2.3	2.8	3.8	5.2	6.5	7.0	7.4
67.5°	2.4	2.3	2.3	2.6	3.5	4.7	6.2	8.1	10.1	10.7	11.5
65°	2.5	2.5	2.8	3.6	4.8	6.7	8.8	11.1	14.4	16.1	16.9
62.5°	2.5	2.7	3.3	4.6	6.6	8.8	11.7	15.4	19.9	22.7	22.6
60°	2.5	2.8	4.1	6.1	8.4	11.1	14.7	19.8	26.1	30.6	27.6
57.5°	2.5	3.3	5.3	7.5	10.0	13.0	18.0	24.3	30.1	36.2	31.0
55°	2.8	4.2	6.4	8.8	11.7	15.3	20.2	25.2	31.5	33.8	28.2
52.5°	3.8	5.1	7.3	10.1	13.7	16.5	19.2	23.6	26.0	27.1	23.2
50°	4.7	6.2	8.2	11.7	14.7	16.3	16.7	19.4	20.5	19.5	17.7
47.5°	5.7	7.4	9.4	12.8	14.9	15.6	15.0	15.5	15.4	15.2	12.8
45°	6.8	8.7	10.9	13.2	14.7	14.5	14.3	12.5	14.2	13.7	12.6
42.5°	8.0	10.0	12.1	13.7	14.1	14.8	14.7	15.2	15.3	16.0	17.3
40°	9.0	11.1	13.6	14.7	14.3	16.6	19.9	21.6	19.4	23.5	26.9
37.5°	10.0	12.7	15.9	18.4	17.0	21.9	27.4	36.1	37.3	34.7	44.3
35°	10.8	14.4	21.1	26.9	28.3	30.7	45.9	59.8	68.3	63.3	70.6
32.5°	12.1	16.3	28.1	40.9	51.0	53.9	69.9	98.9	115.8	118.7	113.8
30°	14.2	22.9	38.7	58.5	81.2	101.5	115.5	148.6	176.3	206.5	224.4
27.5°	17.4	31.5	55.7	86.4	120.6	158.5	190.0	215.6	266.2	317.5	361.7
25°	21.1	48.9	75.1	121.3	175.5	227.9	271.7	310.9	377.6	457.7	591.8
22.5°	30.2	71.3	107.5	160.5	236.6	302.9	362.1	423.0	504.4	612.3	892.8
20°	46.5	99.2	144.4	200.9	299.7	381.1	456.2	532.9	634.8	860.9	1476.1
17.5°	65.3	128.4	180.0	245.4	346.7	450.3	553.3	637.8	761.2	1094.9	2118.4
15°	86.0	158.5	212.1	286.1	391.2	503.9	619.1	740.0	928.2	1406.7	2728.0
12.5°	107.9	188.8	241.1	323.0	433.0	555.0	671.8	802.7	1079.0	1879.8	3503.7
10°	130.2	219.1	267.2	356.2	471.9	602.9	718.9	855.5	1197.0	2182.5	4045.4
7.5°	144.4	240.5	288.5	385.8	507.3	647.1	760.5	899.1	1297.1	2374.7	4424.0
5°	155.2	251.5	295.5	399.1	530.6	679.3	792.8	934.1	1377.7	2468.7	4685.6
2.5°	163.4	260.1	301.2	407.1	544.8	694.4	802.4	947.2	1411.1	2525.5	4866.9
0°	168.9	266.3	305.7	411.7	554.7	703.9	807.4	954.1	1416.3	2541.8	4955.3
-2.5°	178.2	271.2	314.9	420.0	559.9	706.9	811.6	959.5	1437.0	2617.8	5090.4
-5°	184.9	274.0	322.7	425.2	560.7	704.7	811.6	958.2	1425.1	2591.3	4920.0
-7.5°	189.6	275.2	328.9	426.9	553.2	689.2	795.0	930.8	1350.3	2424.7	4457.2
-10°	192.9	279.2	336.7	424.3	536.9	664.1	771.7	897.7	1253.9	2190.5	3921.1
-12.5°	198.1	285.8	344.3	420.5	519.7	635.3	744.6	859.2	1137.2	1889.0	3315.0
-15°	200.7	291.2	351.4	416.0	502.9	603.4	713.9	815.8	1006.3	1525.1	2642.2
-17.5°	200.7	295.7	358.1	411.5	487.4	568.7	683.2	784.3	914.1	1301.3	2173.2
-20°	198.2	299.5	364.6	407.5	474.5	547.2	658.2	762.1	876.4	1133.8	1707.9



REPORT NUMBER: P1306049 (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°	193.1	302.8	368.8	410.7	469.8	538.2	629.5	735.5	837.2	954.9	1352.6
-25°	189.7	294.6	369.3	414.0	464.8	528.7	598.6	704.3	800.6	913.9	1165.5
-27.5°	187.5	283.5	362.6	414.8	458.6	519.4	580.8	667.5	772.6	877.9	992.9
-30°	181.6	263.2	353.2	411.0	456.2	510.9	568.7	634.0	740.4	842.5	948.4
-32.5°	170.1	241.9	332.3	398.6	452.1	501.4	556.5	615.3	699.4	804.7	902.0
-35°	156.8	225.4	306.7	383.1	444.1	492.0	542.4	597.9	659.8	755.5	863.7
-37.5°	144.3	206.3	280.3	360.2	424.2	482.3	526.2	578.8	636.4	702.3	810.4
-40°	129.5	184.5	255.6	330.8	402.5	466.2	515.7	557.9	611.1	678.2	745.2
-42.5°	113.1	165.7	228.9	300.6	371.6	439.5	503.5	544.7	591.7	654.3	718.4
-45°	99.6	144.3	200.4	266.7	335.1	405.9	470.9	535.2	580.3	630.5	691.4
-47.5°	84.4	122.3	173.6	230.2	295.3	362.6	432.3	499.1	567.8	615.9	663.7
-50°	69.9	103.5	143.9	195.9	252.7	316.1	381.7	455.0	524.2	591.2	646.7
-52.5°	60.7	83.0	119.2	161.2	211.8	266.9	329.5	397.2	468.6	539.7	600.7
-55°	50.8	69.5	94.5	130.4	171.7	220.1	273.9	336.0	400.7	468.7	533.2
-57.5°	41.2	57.5	76.0	101.1	136.0	174.2	220.9	272.0	330.1	390.4	444.3
-60°	31.6	45.4	61.3	79.5	101.7	134.4	167.9	210.2	258.5	307.2	354.2
-62.5°	22.5	33.7	47.0	62.0	79.5	97.2	123.9	154.8	186.8	226.4	265.4
-65°	18.0	23.3	33.1	45.7	59.0	74.3	90.2	106.5	132.7	158.8	183.8
-67.5°	13.3	18.0	23.0	29.6	40.9	52.3	64.7	78.8	93.1	106.4	122.4
-70°	11.2	12.9	16.7	21.3	25.8	31.2	41.1	51.8	62.8	73.2	84.3
-72.5°	9.7	11.3	12.8	14.4	17.9	21.3	24.4	27.3	33.6	42.3	50.7
-75°	8.3	9.5	11.0	12.4	13.5	14.6	15.9	18.6	21.3	23.8	26.2
-77.5°	7.0	7.9	9.0	10.2	11.2	11.9	12.7	13.6	14.8	16.1	17.4
-80°	5.8	6.2	6.8	7.6	8.4	9.2	9.9	10.4	11.1	12.0	12.9
-82.5°	4.7	4.9	5.2	5.5	6.0	6.5	7.2	7.8	8.2	8.7	9.1
-85°	3.6	3.7	3.9	4.1	4.3	4.6	4.9	5.2	5.6	5.9	6.2
-87.5°	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.6	3.9	4.2
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	2.5	2.3	2.2	2.1	2.0	1.9	1.7	1.5	1.2	1.2	1.2
77.5°	2.5	2.5	2.5	2.5	2.5	2.2	1.9	1.6	1.2	1.2	1.2
75°	2.5	2.6	2.8	2.7	2.6	2.4	2.3	2.2	2.2	2.1	1.8
72.5°	4.4	4.3	4.2	4.2	4.0	4.0	4.0	3.8	3.5	3.5	3.5
70°	7.9	8.1	8.1	7.8	7.1	6.3	5.8	5.3	4.8	4.5	4.3
67.5°	12.2	12.3	11.6	10.5	8.7	7.2	6.5	5.9	5.2	5.0	5.3
65°	16.9	15.3	13.5	11.5	9.3	7.3	6.8	6.3	6.0	6.0	6.5
62.5°	20.8	16.8	13.5	11.2	9.2	7.3	6.7	6.2	5.7	5.3	5.2
60°	23.0	16.9	12.2	10.1	8.2	6.5	5.7	5.3	5.0	4.9	4.9
57.5°	23.0	15.9	10.6	8.7	7.0	5.5	4.9	4.9	4.9	4.9	4.9
55°	20.5	13.9	9.0	7.4	6.3	5.4	5.0	5.1	5.1	4.9	5.2
52.5°	16.0	11.5	8.4	7.0	6.5	6.2	6.1	6.0	5.9	5.7	5.9
50°	12.7	9.6	8.1	7.3	7.3	7.3	7.3	7.4	7.6	7.7	7.7
47.5°	10.7	9.0	9.2	8.4	8.7	9.5	9.7	9.8	10.2	10.2	10.0
45°	11.0	12.7	13.1	12.9	12.7	14.5	14.4	13.2	14.8	15.3	14.9
42.5°	18.2	19.7	20.7	21.6	22.7	24.0	24.8	24.4	25.8	25.8	24.1
40°	30.7	29.2	31.5	34.3	36.9	37.8	40.1	42.5	43.4	42.9	41.3
37.5°	50.3	48.1	48.3	54.6	60.3	53.5	63.5	67.5	65.0	74.0	75.8
35°	83.4	92.3	79.6	102.0	113.2	107.7	119.7	143.4	125.0	158.7	166.9
32.5°	148.3	169.6	182.9	201.9	229.8	266.4	275.7	334.2	353.0	380.1	409.3
30°	242.4	302.3	412.6	433.2	459.7	586.3	621.0	652.9	719.5	770.8	858.1
27.5°	440.5	602.0	832.6	1035.6	1020.7	1234.8	1473.0	1206.2	1602.0	1443.2	1822.9
25°	824.9	1180.9	1736.8	2274.8	2531.6	2967.8	3513.3	3410.0	4129.8	4179.8	5241.5
22.5°	1568.9	2342.3	3192.4	4106.9	4994.1	5975.9	6919.3	7908.3	9395.2	11449.7	13446.4
20°	2567.0	3704.0	5077.1	6493.0	7994.6	9521.5	11295.4	14299.6	17379.7	21655.2	24675.6
17.5°	3648.5	5458.1	7143.6	8898.0	10997.3	13535.3	17204.7	22337.8	28563.9	34955.1	39899.3
15°	4593.2	6640.3	9069.9	11408.8	14019.1	17828.8	23592.1	31195.1	40454.1	50170.1	61919.1
12.5°	5507.2	7645.6	10285.8	13244.2	16791.4	22244.1	29714.7	39989.5	52255.4	66855.6	81945.8
10°	6216.5	8562.9	11501.5	14833.1	19162.6	25859.6	34540.9	46671.7	64847.9	82083.4	99315.3
7.5°	6770.8	9410.3	12523.1	16019.7	21060.8	28601.7	38988.2	54258.6	73463.3	92111.5	107983.4
5°	7263.5	10107.2	13215.2	16688.4	22427.3	30596.8	41781.6	59221.1	79715.1	98042.6	113146.1
2.5°	7651.6	10562.9	13595.4	17023.4	23307.0	31698.2	43254.7	61884.2	83744.8	101839.0	116260.7
0°	7886.6	10644.1	13659.2	17094.6	23373.8	32197.2	44404.3	63049.6	85182.1	103696.8	117881.1
-2.5°	7802.4	10462.1	13452.4	16885.5	23153.4	31729.6	43479.7	62459.1	83964.2	101286.3	115552.0
-5°	7383.0	9866.7	12643.5	15873.5	21690.9	29952.9	40858.6	58165.7	78379.5	95672.3	109096.3
-7.5°	6721.7	9034.5	11583.9	14574.2	19604.8	27070.7	37008.5	51736.8	70087.0	86042.9	98157.4
-10°	5981.9	8069.8	10278.6	12927.2	16859.4	23196.7	31495.5	42741.6	58479.5	72825.8	84280.2
-12.5°	5092.8	6829.8	8686.6	10970.6	13951.0	19117.4	26094.7	35217.6	46160.1	58926.4	69354.4
-15°	4168.6	5628.9	7165.8	9308.3	11850.1	15141.1	20156.5	27409.1	35531.5	44251.1	53712.6
-17.5°	3347.5	4583.9	6213.4	8017.9	9955.3	12245.4	16392.2	21334.9	27213.1	33432.6	39142.8
-20°	2689.1	4000.4	5464.2	7033.5	8813.6	11015.8	13563.2	17318.4	21677.6	26451.9	31026.3



REPORT NUMBER: P1306049 (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°	2212.1	3388.1	4747.4	6219.4	8020.3	10002.8	12065.9	14422.6	17550.9	21221.5	24735.6
-25°	1684.8	2667.6	3986.2	5470.8	7129.8	8878.1	10552.7	12473.8	14760.8	17149.1	19609.8
-27.5°	1335.5	2029.2	3112.0	4506.1	6041.1	7409.9	8844.7	10444.4	12444.3	14522.2	15891.3
-30°	1090.0	1496.1	2308.9	3398.2	4681.1	5889.1	7067.1	8504.8	10074.8	11566.0	12776.4
-32.5°	1018.2	1199.9	1620.5	2396.8	3360.4	4438.5	5496.1	6779.4	7998.0	9178.1	10218.7
-35°	967.6	1083.8	1242.4	1647.4	2227.8	3104.0	4070.2	5156.2	6256.0	7209.3	8091.9
-37.5°	920.4	1021.2	1126.2	1230.7	1557.5	1958.5	2639.0	3497.9	4332.2	5103.6	5863.4
-40°	853.0	963.5	1048.3	1137.7	1234.9	1345.3	1701.4	2052.4	2460.8	3052.4	3570.7
-42.5°	781.5	873.7	970.3	1053.9	1135.2	1220.0	1309.8	1399.0	1585.7	1817.9	2008.0
-45°	751.7	807.1	873.5	960.8	1042.5	1118.7	1191.8	1262.4	1337.0	1405.1	1460.8
-47.5°	716.0	766.4	820.1	877.1	937.0	1010.6	1082.8	1154.8	1220.0	1280.7	1329.1
-50°	683.0	722.6	770.6	819.1	867.0	916.3	966.2	1021.7	1084.1	1145.5	1196.0
-52.5°	656.1	692.3	726.7	761.0	802.7	844.5	886.4	930.6	973.1	1013.4	1044.9
-55°	590.5	641.6	691.8	724.2	752.3	780.8	812.5	852.1	889.9	925.6	946.7
-57.5°	501.3	560.4	614.7	653.0	692.2	731.9	764.6	792.9	821.5	848.7	863.6
-60°	402.1	450.7	499.9	545.5	589.0	630.2	668.3	705.5	739.9	768.9	786.4
-62.5°	303.9	344.3	384.2	422.3	459.0	494.7	535.4	574.6	611.9	642.4	661.1
-65°	211.6	244.6	275.6	305.3	333.8	364.2	395.8	426.5	456.0	479.5	494.9
-67.5°	143.9	164.3	182.7	200.4	222.0	245.4	268.6	290.2	310.0	325.2	336.0
-70°	95.6	106.5	116.2	127.7	141.8	156.0	170.4	183.7	195.9	205.0	211.8
-72.5°	58.8	66.4	73.4	81.1	88.3	95.8	103.6	111.2	118.6	124.0	128.0
-75°	28.3	31.8	38.0	43.6	48.7	53.5	57.8	61.6	64.9	67.0	68.3
-77.5°	19.3	20.9	22.4	24.0	25.5	27.4	29.4	31.3	33.0	34.4	35.7
-80°	13.9	14.8	15.5	16.1	16.6	17.5	18.3	19.2	20.1	20.4	20.7
-82.5°	9.6	10.3	10.9	11.6	12.2	12.7	13.3	13.8	14.3	14.7	15.1
-85°	6.5	6.8	7.2	7.5	7.9	8.4	8.8	9.2	9.6	9.7	9.8
-87.5°	4.5	4.6	4.7	4.7	4.8	5.1	5.5	5.8	6.2	6.2	6.2
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6



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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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.6
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.6
75°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.2	2.2
72.5°	3.6	3.6	3.1	2.5	3.1	3.6	3.6	3.5	3.5	3.5	3.8
70°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.5	4.8	5.3
67.5°	5.7	6.1	6.2	6.2	6.2	6.1	5.7	5.3	5.0	5.2	5.9
65°	6.9	7.3	6.9	6.2	6.9	7.3	6.9	6.5	6.0	6.0	6.3
62.5°	5.1	5.0	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.7	6.2
60°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.3
57.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
55°	5.6	6.0	6.2	6.2	6.2	6.0	5.6	5.2	4.9	5.1	5.1
52.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	5.9	5.7	5.9	6.0
50°	7.7	7.5	7.4	7.4	7.4	7.5	7.7	7.7	7.7	7.6	7.4
47.5°	9.5	8.9	8.6	8.6	8.6	8.9	9.5	10.0	10.2	10.2	9.8
45°	15.0	14.8	14.7	14.8	14.7	14.8	15.0	14.9	15.3	14.8	13.2
42.5°	25.0	25.4	25.0	23.4	25.0	25.4	25.0	24.1	25.8	25.8	24.4
40°	41.3	39.7	37.6	37.0	37.6	39.7	41.3	41.3	42.9	43.4	42.5
37.5°	76.7	76.6	74.9	74.0	74.9	76.6	76.7	75.8	74.0	65.0	67.5
35°	161.4	160.1	151.3	143.0	151.3	160.1	161.4	166.9	158.7	125.0	143.4
32.5°	419.2	441.4	439.4	426.5	439.4	441.4	419.2	409.3	380.1	353.0	334.2
30°	891.7	931.5	923.2	870.3	923.2	931.5	891.7	858.1	770.8	719.5	652.9
27.5°	1843.1	1936.2	2018.3	1910.6	2018.3	1936.2	1843.1	1822.9	1443.2	1602.0	1206.2
25°	6304.4	6910.6	7269.3	6711.9	7269.3	6910.6	6304.4	5241.5	4179.8	4129.8	3410.0
22.5°	15046.0	15801.6	16204.7	16435.1	16204.7	15801.6	15046.0	13446.4	11449.7	9395.2	7908.3
20°	27599.4	29215.1	30249.9	28165.2	30249.9	29215.1	27599.4	24675.6	21655.2	17379.7	14299.6
17.5°	46758.2	52716.6	55853.7	57558.1	55853.7	52716.6	46758.2	39899.3	34955.1	28563.9	22337.8
15°	70986.4	78610.0	83758.3	85773.8	83758.3	78610.0	70986.4	61919.1	50170.1	40454.1	31195.1
12.5°	93894.3	101760.8	106510.8	107704.8	106510.8	101760.8	93894.3	81945.8	66855.6	52255.4	39989.5
10°	110188.1	117600.1	123064.2	124982.5	123064.2	117600.1	110188.1	99315.3	82083.4	64847.9	46671.7
7.5°	119258.8	127923.1	132738.9	133937.8	132738.9	127923.1	119258.8	107983.4	92111.5	73463.3	54258.6
5°	124479.3	132307.6	137571.8	138210.2	137571.8	132307.6	124479.3	113146.1	98042.6	79715.1	59221.1
2.5°	127845.3	135501.1	139930.3	141232.1	139930.3	135501.1	127845.3	116260.7	101839.0	83744.8	61884.2
0°	128671.2	135710.3	141061.3	142726.7	141061.3	135710.3	128671.2	117881.1	103696.8	85182.1	63049.6
-2.5°	126170.4	132960.9	136525.3	137103.3	136525.3	132960.9	126170.4	115552.0	101286.3	83964.2	62459.1
-5°	119783.9	124806.0	128920.8	129447.2	128920.8	124806.0	119783.9	109096.3	95672.3	78379.5	58165.7
-7.5°	106217.8	111851.6	114127.4	114743.3	114127.4	111851.6	106217.8	98157.4	86042.9	70087.0	51736.8
-10°	91783.8	96610.2	98222.4	99092.8	98222.4	96610.2	91783.8	84280.2	72825.8	58479.5	42741.6
-12.5°	77652.9	82372.2	83958.1	85217.9	83958.1	82372.2	77652.9	69354.4	58926.4	46160.1	35217.6
-15°	61820.3	66467.7	69029.7	70448.1	69029.7	66467.7	61820.3	53712.6	44251.1	35531.5	27409.1
-17.5°	46389.8	50803.4	53785.4	55520.5	53785.4	50803.4	46389.8	39142.8	33432.6	27213.1	21334.9
-20°	35174.5	38161.6	40456.4	41818.2	40456.4	38161.6	35174.5	31026.3	26451.9	21677.6	17318.4



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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°	27476.5	29545.4	30874.8	31744.8	30874.8	29545.4	27476.5	24735.6	21221.5	17550.9	14422.6
-25°	21474.5	22832.3	23692.1	24395.7	23692.1	22832.3	21474.5	19609.8	17149.1	14760.8	12473.8
-27.5°	17003.3	17731.3	18111.3	18628.0	18111.3	17731.3	17003.3	15891.3	14522.2	12444.3	10444.4
-30°	13668.9	14227.6	14529.6	14641.6	14529.6	14227.6	13668.9	12776.4	11566.0	10074.8	8504.8
-32.5°	11001.2	11528.9	11910.0	12088.8	11910.0	11528.9	11001.2	10218.7	9178.1	7998.0	6779.4
-35°	8776.8	9217.0	9517.5	9682.6	9517.5	9217.0	8776.8	8091.9	7209.3	6256.0	5156.2
-37.5°	6492.5	6975.6	7306.3	7419.4	7306.3	6975.6	6492.5	5863.4	5103.6	4332.2	3497.9
-40°	3983.4	4291.2	4489.7	4573.2	4489.7	4291.2	3983.4	3570.7	3052.4	2460.8	2052.4
-42.5°	2156.2	2269.1	2347.6	2392.6	2347.6	2269.1	2156.2	2008.0	1817.9	1585.7	1399.0
-45°	1496.8	1525.3	1543.4	1550.7	1543.4	1525.3	1496.8	1460.8	1405.1	1337.0	1262.4
-47.5°	1364.5	1395.4	1411.8	1412.6	1411.8	1395.4	1364.5	1329.1	1280.7	1220.0	1154.8
-50°	1235.9	1269.6	1286.5	1288.1	1286.5	1269.6	1235.9	1196.0	1145.5	1084.1	1021.7
-52.5°	1073.4	1100.1	1111.7	1110.6	1111.7	1100.1	1073.4	1044.9	1013.4	973.1	930.6
-55°	964.9	980.8	987.9	988.6	987.9	980.8	964.9	946.7	925.6	889.9	852.1
-57.5°	877.0	888.7	892.9	892.5	892.9	888.7	877.0	863.6	848.7	821.5	792.9
-60°	801.7	814.5	818.0	816.0	818.0	814.5	801.7	786.4	768.9	739.9	705.5
-62.5°	676.4	688.2	694.0	695.2	694.0	688.2	676.4	661.1	642.4	611.9	574.6
-65°	507.0	515.8	520.4	521.4	520.4	515.8	507.0	494.9	479.5	456.0	426.5
-67.5°	344.3	350.3	352.1	351.3	352.1	350.3	344.3	336.0	325.2	310.0	290.2
-70°	217.3	221.4	222.5	221.9	222.5	221.4	217.3	211.8	205.0	195.9	183.7
-72.5°	131.3	133.8	134.0	133.1	134.0	133.8	131.3	128.0	124.0	118.6	111.2
-75°	69.2	69.6	69.5	69.0	69.5	69.6	69.2	68.3	67.0	64.9	61.6
-77.5°	36.8	37.8	37.5	37.0	37.5	37.8	36.8	35.7	34.4	33.0	31.3
-80°	20.8	20.9	21.0	21.0	21.0	20.9	20.8	20.7	20.4	20.1	19.2
-82.5°	15.5	15.9	15.4	14.8	15.4	15.9	15.5	15.1	14.7	14.3	13.8
-85°	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.8	9.7	9.6	9.2
-87.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.8
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.5	2.5	2.5	2.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.4	1.6	1.7	1.8	1.7	1.6	1.5	1.3
80°	1.7	1.9	2.0	2.1	2.2	2.3	2.5	2.5	2.5	2.4	2.2
77.5°	1.9	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
75°	2.3	2.4	2.6	2.7	2.8	2.6	2.5	2.5	2.5	2.5	2.4
72.5°	4.0	4.0	4.0	4.2	4.2	4.3	4.4	4.2	3.8	3.1	2.5
70°	5.8	6.3	7.1	7.8	8.1	8.1	7.9	7.4	7.0	6.5	5.2
67.5°	6.5	7.2	8.7	10.5	11.6	12.3	12.2	11.5	10.7	10.1	8.1
65°	6.8	7.3	9.3	11.5	13.5	15.3	16.9	16.9	16.1	14.4	11.1
62.5°	6.7	7.3	9.2	11.2	13.5	16.8	20.8	22.6	22.7	19.9	15.4
60°	5.7	6.5	8.2	10.1	12.2	16.9	23.0	27.6	30.6	26.1	19.8
57.5°	4.9	5.5	7.0	8.7	10.6	15.9	23.0	31.0	36.2	30.1	24.3
55°	5.0	5.4	6.3	7.4	9.0	13.9	20.5	28.2	33.8	31.5	25.2
52.5°	6.1	6.2	6.5	7.0	8.4	11.5	16.0	23.2	27.1	26.0	23.6
50°	7.3	7.3	7.3	7.3	8.1	9.6	12.7	17.7	19.5	20.5	19.4
47.5°	9.7	9.5	8.7	8.4	9.2	9.0	10.7	12.8	15.2	15.4	15.5
45°	14.4	14.5	12.7	12.9	13.1	12.7	11.0	12.6	13.7	14.2	12.5
42.5°	24.8	24.0	22.7	21.6	20.7	19.7	18.2	17.3	16.0	15.3	15.2
40°	40.1	37.8	36.9	34.3	31.5	29.2	30.7	26.9	23.5	19.4	21.6
37.5°	63.5	53.5	60.3	54.6	48.3	48.1	50.3	44.3	34.7	37.3	36.1
35°	119.7	107.7	113.2	102.0	79.6	92.3	83.4	70.6	63.3	68.3	59.8
32.5°	275.7	266.4	229.8	201.9	182.9	169.6	148.3	113.8	118.7	115.8	98.9
30°	621.0	586.3	459.7	433.2	412.6	302.3	242.4	224.4	206.5	176.3	148.6
27.5°	1473.0	1234.8	1020.7	1035.6	832.6	602.0	440.5	361.7	317.5	266.2	215.6
25°	3513.3	2967.8	2531.6	2274.8	1736.8	1180.9	824.9	591.8	457.7	377.6	310.9
22.5°	6919.3	5975.9	4994.1	4106.9	3192.4	2342.3	1568.9	892.8	612.3	504.4	423.0
20°	11295.4	9521.5	7994.6	6493.0	5077.1	3704.0	2567.0	1476.1	860.9	634.8	532.9
17.5°	17204.7	13535.3	10997.3	8898.0	7143.6	5458.1	3648.5	2118.4	1094.9	761.2	637.8
15°	23592.1	17828.8	14019.1	11408.8	9069.9	6640.3	4593.2	2728.0	1406.7	928.2	740.0
12.5°	29714.7	22244.1	16791.4	13244.2	10285.8	7645.6	5507.2	3503.7	1879.8	1079.0	802.7
10°	34540.9	25859.6	19162.6	14833.1	11501.5	8562.9	6216.5	4045.4	2182.5	1197.0	855.5
7.5°	38988.2	28601.7	21060.8	16019.7	12523.1	9410.3	6770.8	4424.0	2374.7	1297.1	899.1
5°	41781.6	30596.8	22427.3	16688.4	13215.2	10107.2	7263.5	4685.6	2468.7	1377.7	934.1
2.5°	43254.7	31698.2	23307.0	17023.4	13595.4	10562.9	7651.6	4866.9	2525.5	1411.1	947.2
0°	44404.3	32197.2	23373.8	17094.6	13659.2	10644.1	7886.6	4955.3	2541.8	1416.3	954.1
-2.5°	43479.7	31729.6	23153.4	16885.5	13452.4	10462.1	7802.4	5090.4	2617.8	1437.0	959.5
-5°	40858.6	29952.9	21690.9	15873.5	12643.5	9866.7	7383.0	4920.0	2591.3	1425.1	958.2
-7.5°	37008.5	27070.7	19604.8	14574.2	11583.9	9034.5	6721.7	4457.2	2424.7	1350.3	930.8
-10°	31495.5	23196.7	16859.4	12927.2	10278.6	8069.8	5981.9	3921.1	2190.5	1253.9	897.7
-12.5°	26094.7	19117.4	13951.0	10970.6	8686.6	6829.8	5092.8	3315.0	1889.0	1137.2	859.2
-15°	20156.5	15141.1	11850.1	9308.3	7165.8	5628.9	4168.6	2642.2	1525.1	1006.3	815.8
-17.5°	16392.2	12245.4	9955.3	8017.9	6213.4	4583.9	3347.5	2173.2	1301.3	914.1	784.3
-20°	13563.2	11015.8	8813.6	7033.5	5464.2	4000.4	2689.1	1707.9	1133.8	876.4	762.1



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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°	12065.9	10002.8	8020.3	6219.4	4747.4	3388.1	2212.1	1352.6	954.9	837.2	735.5
-25°	10552.7	8878.1	7129.8	5470.8	3986.2	2667.6	1684.8	1165.5	913.9	800.6	704.3
-27.5°	8844.7	7409.9	6041.1	4506.1	3112.0	2029.2	1335.5	992.9	877.9	772.6	667.5
-30°	7067.1	5889.1	4681.1	3398.2	2308.9	1496.1	1090.0	948.4	842.5	740.4	634.0
-32.5°	5496.1	4438.5	3360.4	2396.8	1620.5	1199.9	1018.2	902.0	804.7	699.4	615.3
-35°	4070.2	3104.0	2227.8	1647.4	1242.4	1083.8	967.6	863.7	755.5	659.8	597.9
-37.5°	2639.0	1958.5	1557.5	1230.7	1126.2	1021.2	920.4	810.4	702.3	636.4	578.8
-40°	1701.4	1345.3	1234.9	1137.7	1048.3	963.5	853.0	745.2	678.2	611.1	557.9
-42.5°	1309.8	1220.0	1135.2	1053.9	970.3	873.7	781.5	718.4	654.3	591.7	544.7
-45°	1191.8	1118.7	1042.5	960.8	873.5	807.1	751.7	691.4	630.5	580.3	535.2
-47.5°	1082.8	1010.6	937.0	877.1	820.1	766.4	716.0	663.7	615.9	567.8	499.1
-50°	966.2	916.3	867.0	819.1	770.6	722.6	683.0	646.7	591.2	524.2	455.0
-52.5°	886.4	844.5	802.7	761.0	726.7	692.3	656.1	600.7	539.7	468.6	397.2
-55°	812.5	780.8	752.3	724.2	691.8	641.6	590.5	533.2	468.7	400.7	336.0
-57.5°	764.6	731.9	692.2	653.0	614.7	560.4	501.3	444.3	390.4	330.1	272.0
-60°	668.3	630.2	589.0	545.5	499.9	450.7	402.1	354.2	307.2	258.5	210.2
-62.5°	535.4	494.7	459.0	422.3	384.2	344.3	303.9	265.4	226.4	186.8	154.8
-65°	395.8	364.2	333.8	305.3	275.6	244.6	211.6	183.8	158.8	132.7	106.5
-67.5°	268.6	245.4	222.0	200.4	182.7	164.3	143.9	122.4	106.4	93.1	78.8
-70°	170.4	156.0	141.8	127.7	116.2	106.5	95.6	84.3	73.2	62.8	51.8
-72.5°	103.6	95.8	88.3	81.1	73.4	66.4	58.8	50.7	42.3	33.6	27.3
-75°	57.8	53.5	48.7	43.6	38.0	31.8	28.3	26.2	23.8	21.3	18.6
-77.5°	29.4	27.4	25.5	24.0	22.4	20.9	19.3	17.4	16.1	14.8	13.6
-80°	18.3	17.5	16.6	16.1	15.5	14.8	13.9	12.9	12.0	11.1	10.4
-82.5°	13.3	12.7	12.2	11.6	10.9	10.3	9.6	9.1	8.7	8.2	7.8
-85°	8.8	8.4	7.9	7.5	7.2	6.8	6.5	6.2	5.9	5.6	5.2
-87.5°	5.5	5.1	4.8	4.7	4.7	4.6	4.5	4.2	3.9	3.6	3.3
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2
80°	1.8	1.5	1.3	1.2	1.3	1.2	1.2	1.2	1.4	1.4	1.4
77.5°	2.1	1.8	1.4	1.3	1.5	1.6	1.5	1.4	1.5	1.7	1.7
75°	2.1	1.7	1.4	1.3	1.6	1.9	2.0	1.9	1.9	1.9	2.0
72.5°	2.3	2.1	1.6	1.4	1.7	2.0	2.3	2.4	2.2	2.2	2.3
70°	3.8	2.8	2.3	2.0	1.9	2.0	2.4	2.5	2.5	2.3	2.4
67.5°	6.2	4.7	3.5	2.6	2.3	2.3	2.4	2.5	2.5	2.5	2.4
65°	8.8	6.7	4.8	3.6	2.8	2.5	2.5	2.5	2.5	2.5	2.5
62.5°	11.7	8.8	6.6	4.6	3.3	2.7	2.5	2.5	2.5	2.5	2.5
60°	14.7	11.1	8.4	6.1	4.1	2.8	2.5	2.5	2.5	2.5	2.5
57.5°	18.0	13.0	10.0	7.5	5.3	3.3	2.5	2.5	2.5	2.5	2.5
55°	20.2	15.3	11.7	8.8	6.4	4.2	2.8	2.5	2.5	2.5	2.5
52.5°	19.2	16.5	13.7	10.1	7.3	5.1	3.8	2.5	2.5	2.5	2.5
50°	16.7	16.3	14.7	11.7	8.2	6.2	4.7	3.2	2.5	2.5	2.5
47.5°	15.0	15.6	14.9	12.8	9.4	7.4	5.7	4.0	2.5	2.5	2.5
45°	14.3	14.5	14.7	13.2	10.9	8.7	6.8	4.8	3.2	2.5	2.5
42.5°	14.7	14.8	14.1	13.7	12.1	10.0	8.0	5.8	3.8	2.6	2.5
40°	19.9	16.6	14.3	14.7	13.6	11.1	9.0	6.8	4.5	2.9	2.6
37.5°	27.4	21.9	17.0	18.4	15.9	12.7	10.0	7.9	5.3	3.5	2.8
35°	45.9	30.7	28.3	26.9	21.1	14.4	10.8	8.9	6.3	4.1	2.9
32.5°	69.9	53.9	51.0	40.9	28.1	16.3	12.1	9.8	7.2	4.7	3.1
30°	115.5	101.5	81.2	58.5	38.7	22.9	14.2	10.9	8.1	5.2	3.3
27.5°	190.0	158.5	120.6	86.4	55.7	31.5	17.4	12.1	8.9	5.8	3.8
25°	271.7	227.9	175.5	121.3	75.1	48.9	21.1	13.6	9.8	6.5	4.2
22.5°	362.1	302.9	236.6	160.5	107.5	71.3	30.2	16.5	10.9	7.2	4.6
20°	456.2	381.1	299.7	200.9	144.4	99.2	46.5	19.6	12.0	7.8	5.0
17.5°	553.3	450.3	346.7	245.4	180.0	128.4	65.3	22.9	13.2	8.3	5.3
15°	619.1	503.9	391.2	286.1	212.1	158.5	86.0	26.4	14.4	8.8	5.7
12.5°	671.8	555.0	433.0	323.0	241.1	188.8	107.9	29.9	15.6	9.6	6.3
10°	718.9	602.9	471.9	356.2	267.2	219.1	130.2	33.5	17.7	10.7	6.8
7.5°	760.5	647.1	507.3	385.8	288.5	240.5	144.4	37.3	19.9	11.8	7.3
5°	792.8	679.3	530.6	399.1	295.5	251.5	155.2	40.8	22.0	12.9	7.8
2.5°	802.4	694.4	544.8	407.1	301.2	260.1	163.4	44.0	24.0	13.9	8.2
0°	807.4	703.9	554.7	411.7	305.7	266.3	168.9	46.8	25.9	14.8	8.6
-2.5°	811.6	706.9	559.9	420.0	314.9	271.2	178.2	60.3	35.0	19.9	10.9
-5°	811.6	704.7	560.7	425.2	322.7	274.0	184.9	73.2	43.6	24.7	13.1
-7.5°	795.0	689.2	553.2	426.9	328.9	275.2	189.6	85.2	51.7	29.2	15.2
-10°	771.7	664.1	536.9	424.3	336.7	279.2	192.9	96.0	58.9	33.2	17.1
-12.5°	744.6	635.3	519.7	420.5	344.3	285.8	198.1	105.6	65.1	36.7	18.7
-15°	713.9	603.4	502.9	416.0	351.4	291.2	200.7	113.4	69.9	39.5	20.1
-17.5°	683.2	568.7	487.4	411.5	358.1	295.7	200.7	119.2	73.5	41.6	21.4
-20°	658.2	547.2	474.5	407.5	364.6	299.5	198.2	122.8	75.7	42.9	22.6



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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°	629.5	538.2	469.8	410.7	368.8	302.8	193.1	123.8	76.6	43.4	23.3
-25°	598.6	528.7	464.8	414.0	369.3	294.6	189.7	122.3	75.8	42.9	23.7
-27.5°	580.8	519.4	458.6	414.8	362.6	283.5	187.5	121.2	74.1	41.5	23.5
-30°	568.7	510.9	456.2	411.0	353.2	263.2	181.6	118.1	72.4	40.6	22.9
-32.5°	556.5	501.4	452.1	398.6	332.3	241.9	170.1	112.8	69.3	39.8	22.4
-35°	542.4	492.0	444.1	383.1	306.7	225.4	156.8	105.2	64.8	38.3	21.7
-37.5°	526.2	482.3	424.2	360.2	280.3	206.3	144.3	95.9	58.9	36.1	20.5
-40°	515.7	466.2	402.5	330.8	255.6	184.5	129.5	86.5	54.6	33.2	18.9
-42.5°	503.5	439.5	371.6	300.6	228.9	165.7	113.1	75.7	49.8	30.6	16.9
-45°	470.9	405.9	335.1	266.7	200.4	144.3	99.6	64.5	44.3	27.8	15.1
-47.5°	432.3	362.6	295.3	230.2	173.6	122.3	84.4	57.6	38.3	24.4	13.7
-50°	381.7	316.1	252.7	195.9	143.9	103.5	69.9	50.1	33.3	20.2	12.0
-52.5°	329.5	266.9	211.8	161.2	119.2	83.0	60.7	42.1	27.8	17.1	10.2
-55°	273.9	220.1	171.7	130.4	94.5	69.5	50.8	35.1	21.8	14.5	8.3
-57.5°	220.9	174.2	136.0	101.1	76.0	57.5	41.2	27.4	17.9	11.8	7.9
-60°	167.9	134.4	101.7	79.5	61.3	45.4	31.6	20.6	14.7	9.4	7.4
-62.5°	123.9	97.2	79.5	62.0	47.0	33.7	22.5	16.8	11.3	8.7	6.8
-65°	90.2	74.3	59.0	45.7	33.1	23.3	18.0	12.8	9.8	7.9	6.2
-67.5°	64.7	52.3	40.9	29.6	23.0	18.0	13.3	10.7	8.8	7.1	5.6
-70°	41.1	31.2	25.8	21.3	16.7	12.9	11.2	9.4	7.7	6.4	5.0
-72.5°	24.4	21.3	17.9	14.4	12.8	11.3	9.7	8.2	6.9	5.6	4.3
-75°	15.9	14.6	13.5	12.4	11.0	9.5	8.3	7.2	6.1	4.9	3.9
-77.5°	12.7	11.9	11.2	10.2	9.0	7.9	7.0	6.3	5.2	4.3	3.5
-80°	9.9	9.2	8.4	7.6	6.8	6.2	5.8	5.3	4.5	3.7	3.1
-82.5°	7.2	6.5	6.0	5.5	5.2	4.9	4.7	4.3	3.7	3.1	2.8
-85°	4.9	4.6	4.3	4.1	3.9	3.7	3.6	3.5	3.2	2.9	2.7
-87.5°	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.0	2.8	2.7	2.6
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	1.2	1.3	1.3	1.3	1.3	1.9	2.5
85°	1.2	1.3	1.4	1.5	1.4	1.9	2.5
82.5°	1.2	1.4	1.5	1.6	1.5	1.9	2.5
80°	1.3	1.5	1.7	1.7	1.7	2.0	2.5
77.5°	1.6	1.6	1.8	1.8	1.8	2.0	2.5
75°	1.9	1.8	1.9	2.0	1.9	2.0	2.5
72.5°	2.2	2.0	2.0	2.1	2.0	2.1	2.5
70°	2.5	2.2	2.1	2.2	2.1	2.1	2.5
67.5°	2.5	2.4	2.2	2.3	2.2	2.1	2.5
65°	2.5	2.5	2.3	2.3	2.3	2.2	2.5
62.5°	2.5	2.5	2.4	2.4	2.4	2.2	2.5
60°	2.5	2.5	2.5	2.4	2.5	2.2	2.5
57.5°	2.5	2.5	2.5	2.4	2.5	2.2	2.5
55°	2.5	2.5	2.5	2.5	2.5	2.3	2.5
52.5°	2.5	2.5	2.5	2.5	2.5	2.3	2.5
50°	2.5	2.5	2.5	2.5	2.5	2.3	2.5
47.5°	2.5	2.5	2.5	2.5	2.5	2.3	2.5
45°	2.5	2.5	2.5	2.5	2.5	2.4	2.5
42.5°	2.5	2.5	2.5	2.5	2.5	2.4	2.5
40°	2.5	2.5	2.5	2.5	2.5	2.4	2.5
37.5°	2.5	2.5	2.5	2.5	2.5	2.4	2.5
35°	2.5	2.5	2.5	2.5	2.5	2.4	2.5
32.5°	2.5	2.5	2.5	2.5	2.5	2.4	2.5
30°	2.7	2.5	2.5	2.5	2.5	2.5	2.5
27.5°	2.8	2.5	2.5	2.5	2.5	2.5	2.5
25°	2.9	2.5	2.5	2.5	2.5	2.5	2.5
22.5°	3.1	2.5	2.5	2.5	2.5	2.5	2.5
20°	3.2	2.6	2.5	2.5	2.5	2.5	2.5
17.5°	3.5	2.7	2.5	2.5	2.5	2.5	2.5
15°	3.7	2.8	2.5	2.5	2.5	2.5	2.5
12.5°	3.9	3.0	2.5	2.5	2.5	2.5	2.5
10°	4.1	3.1	2.5	2.5	2.5	2.5	2.5
7.5°	4.4	3.3	2.5	2.5	2.5	2.5	2.5
5°	4.6	3.4	2.5	2.5	2.5	2.5	2.5
2.5°	4.7	3.6	2.5	2.5	2.5	2.5	2.5
0°	4.9	3.7	2.5	2.5	2.5	2.5	2.5
-2.5°	6.1	4.1	2.6	2.5	2.5	2.5	2.5
-5°	7.2	4.5	2.7	2.5	2.5	2.5	2.5
-7.5°	8.2	4.8	2.8	2.5	2.5	2.5	2.5
-10°	9.2	5.2	2.9	2.5	2.5	2.5	2.5
-12.5°	10.0	5.4	3.0	2.5	2.5	2.5	2.5
-15°	10.7	5.6	3.0	2.5	2.5	2.5	2.5
-17.5°	11.3	5.8	3.1	2.5	2.5	2.5	2.5
-20°	11.7	5.9	3.1	2.5	2.5	2.5	2.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.2	5.9	3.1	2.5	2.5	2.5	2.5
-25°	12.4	5.9	3.1	2.5	2.5	2.5	2.5
-27.5°	12.3	5.9	3.1	2.5	2.5	2.5	2.5
-30°	12.0	5.8	3.1	2.5	2.5	2.5	2.5
-32.5°	11.4	5.6	3.1	2.5	2.5	2.5	2.5
-35°	10.9	5.2	3.1	2.5	2.5	2.5	2.5
-37.5°	10.5	4.9	3.1	2.5	2.5	2.5	2.5
-40°	9.9	4.9	3.1	2.5	2.5	2.5	2.5
-42.5°	9.1	4.9	3.1	2.5	2.5	2.5	2.5
-45°	8.1	4.8	3.2	2.5	2.5	2.5	2.5
-47.5°	6.9	4.7	3.2	2.6	2.5	2.5	2.5
-50°	6.6	4.6	3.2	2.6	2.5	2.5	2.5
-52.5°	6.4	4.4	3.2	2.6	2.5	2.5	2.5
-55°	6.1	4.3	3.1	2.6	2.5	2.5	2.5
-57.5°	5.8	4.1	3.0	2.6	2.5	2.5	2.5
-60°	5.4	3.9	2.9	2.6	2.5	2.5	2.5
-62.5°	5.1	3.7	2.9	2.6	2.5	2.5	2.5
-65°	4.6	3.4	2.8	2.6	2.5	2.5	2.5
-67.5°	4.2	3.2	2.8	2.5	2.5	2.5	2.5
-70°	3.7	3.1	2.7	2.5	2.5	2.5	2.5
-72.5°	3.4	2.9	2.6	2.5	2.5	2.5	2.5
-75°	3.1	2.7	2.5	2.5	2.5	2.5	2.5
-77.5°	2.8	2.6	2.5	2.5	2.5	2.5	2.5
-80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-90°	1.2	1.2	1.2	1.2	1.2	1.9	2.5

(END OF REPORT)