

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: P1306038 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-1S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

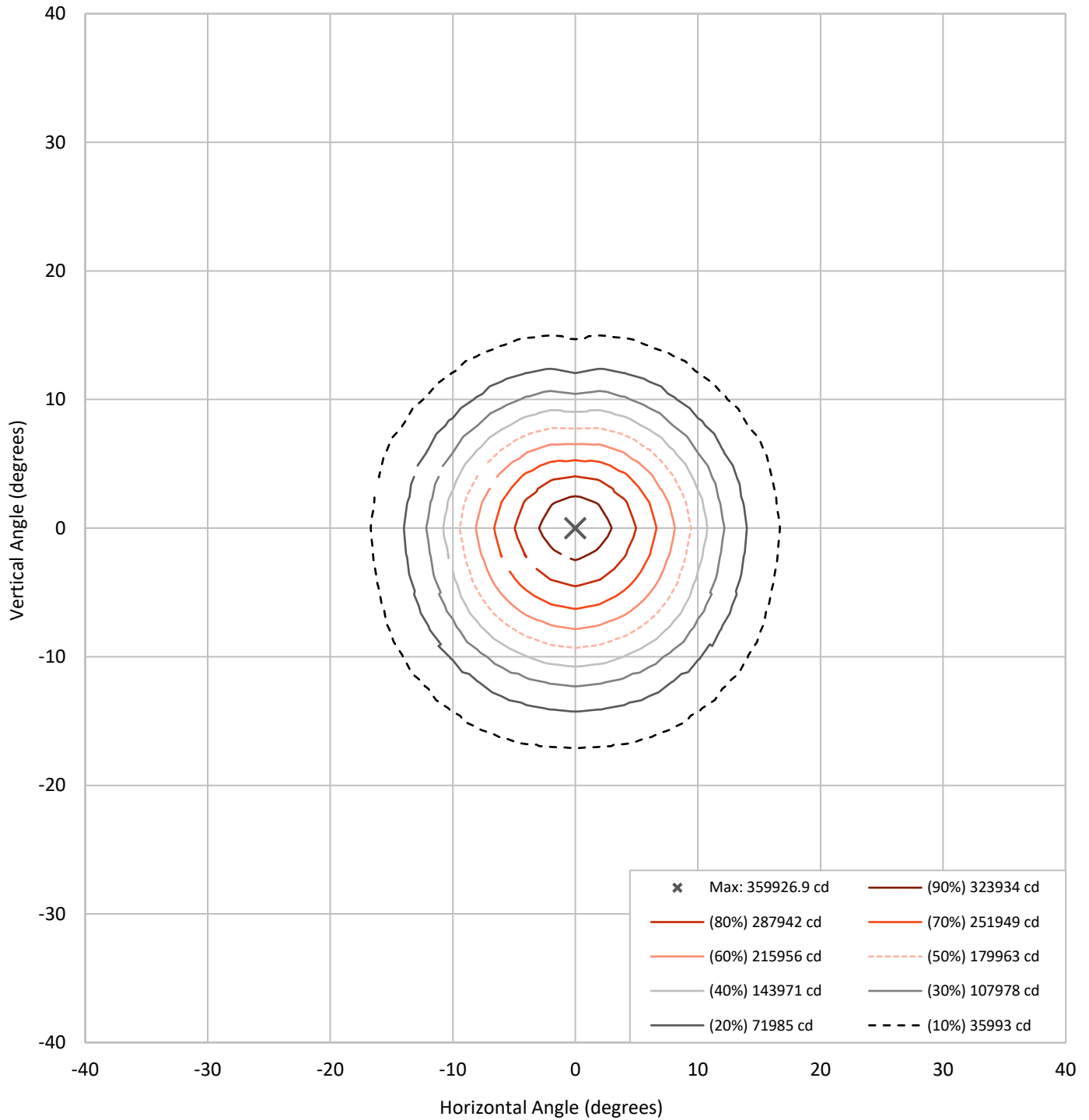
Test Method: LM-79-08  
Report Number: P1306038 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-70-1S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	41496.5 lumens	Max Intensity:	359926.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	19114.3 lumens	Field Lumens:	35134.9 lumens
Beam Efficiency:	46.1%	Field Efficiency:	84.7%
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



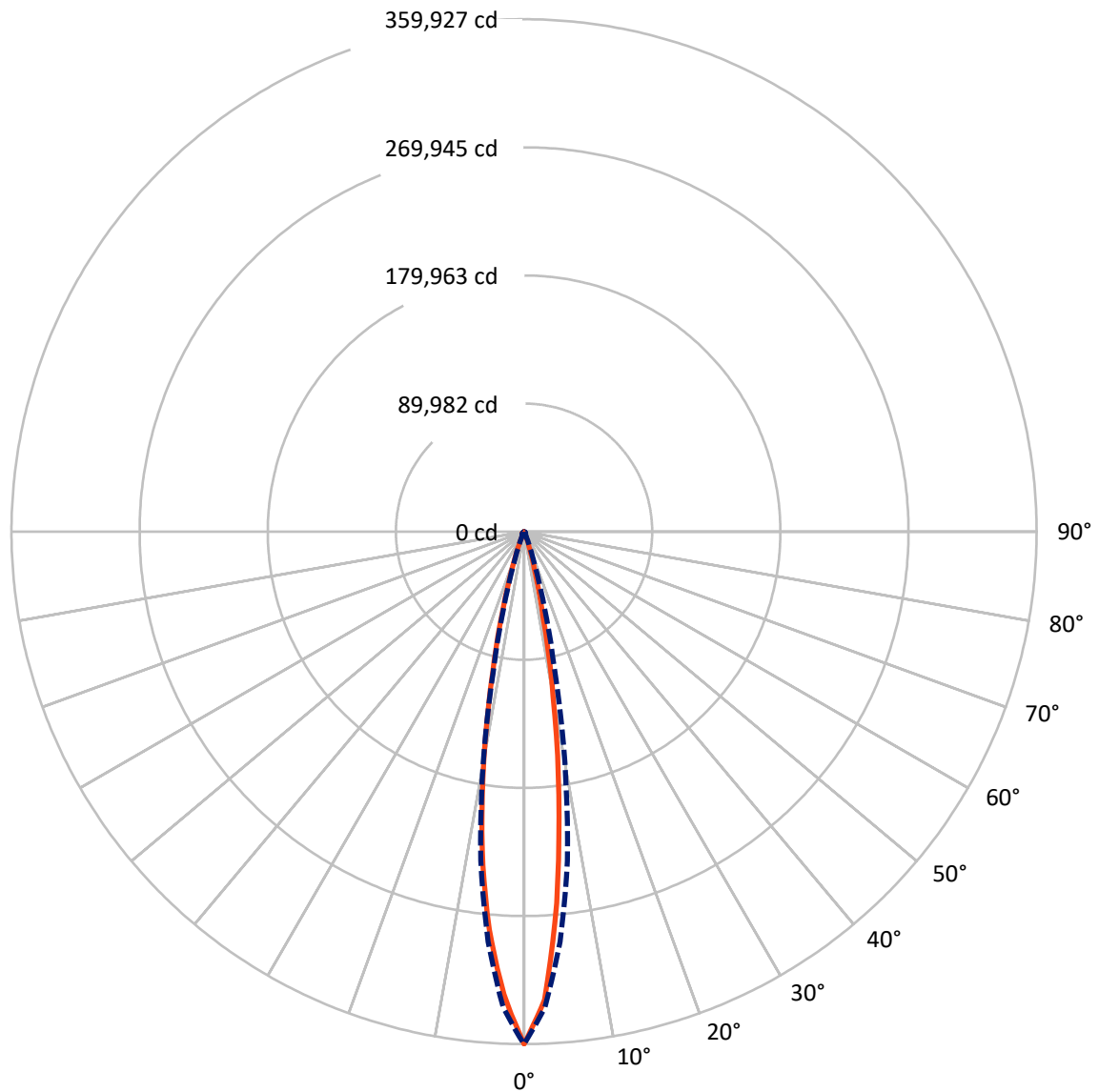
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### Lumen Table

90	0.1	0.2		0.3		0.3		0.3		0.3		0.2		0.1					
80	0.1	0.2		0.3		0.3		0.3		0.3		0.2		0.1					
70	0.1	0.1	0.1	0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.1				
60		0.1	0.2	0.3	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.3	0.2		0.1			
50	0.1	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.3	0.3	0.2	0.1				
40		0.1	0.5	0.9	2.0	3.1	3.3	3.8	3.8	3.3	3.1	2.0	0.9	0.5		0.1			
30	0.1	0.2	1.5	5.0	13.4	16.3	21.5	40.2	40.2	21.5	16.3	13.4	5.0	1.5	0.1				
20		0.5	3.2	13.1	28.6	40.1	274.0	1101.9	1101.9	274.0	40.1	28.6	13.1	3.2		0.5			
10	0.2	0.9	5.5	25.3	43.1	99.9	1431.8	6178.9	6178.9	1431.8	99.9	43.1	25.3	5.5	0.2				
0		1.5	7.3	29.8	49.8	99.2	1553.3	6613.1	6613.1	1553.3	99.2	49.8	29.8	7.3		1.5			
-10	0.3	1.8	7.5	28.0	53.0	62.3	450.5	1706.1	1706.1	450.5	62.3	53.0	28.0	7.5	0.3				
-20		1.7	6.5	15.5	40.5	50.2	61.2	113.2	113.2	61.2	50.2	40.5	15.5	6.5		1.7			
-30	0.2	1.4	4.9	9.1	22.5	42.8	51.1	53.0	53.0	51.1	42.8	22.5	9.1	4.9	0.2				
-40		0.9	3.4	7.2	11.5	20.9	38.2	52.8	52.8	38.2	20.9	11.5	7.2	3.4		0.9			
-50	0.2	0.4	1.9	4.8	8.8	12.6	15.6	17.5	17.5	15.6	12.6	8.8	4.8	1.9	0.2				
-60		0.2	0.7	2.2	4.7	7.6	10.7	12.7	12.7	10.7	7.6	4.7	2.2	0.7		0.2			
-70	0.1	0.5		1.7		4.2		6.2		4.2		1.7		0.5					
-80		0.5		1.7		4.2		6.2		4.2		1.7		0.5					
-90	0.1	0.5		1.7		4.2		6.2		4.2		1.7		0.5					
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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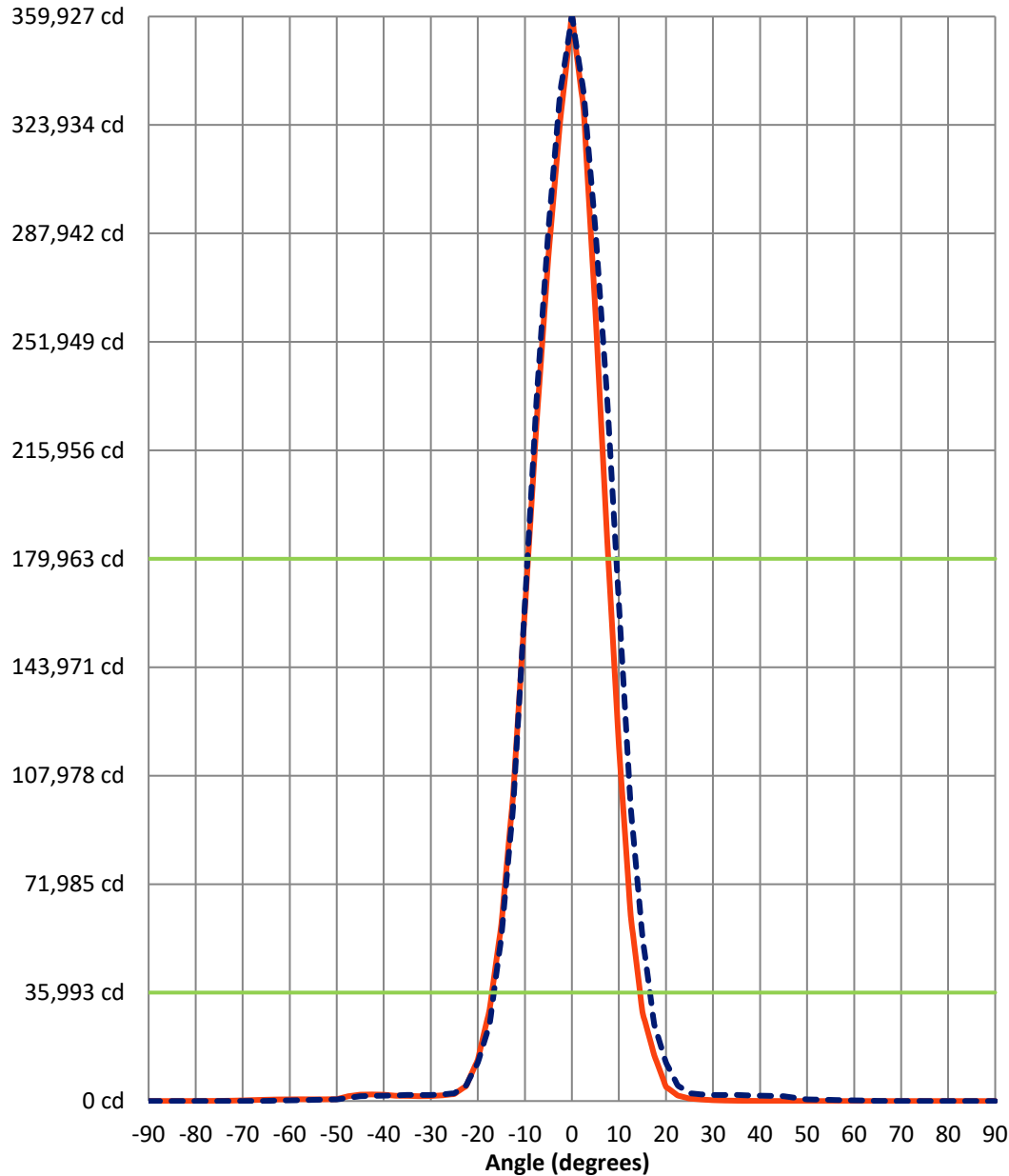
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 18.9°  
V Angle: 17.1°  
Lumens: 19114.3  
Efficiency: 46.1%

**Field:**  
H Angle: 33.2°  
V Angle: 31.5°  
Lumens: 35134.9  
Efficiency: 84.7%

**Spill:**  
Lumens: 6361.6  
Efficiency: 15.3%

— 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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.9	5.1	5.3
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.7	3.5
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.7	3.5
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.8	3.8
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.1	4.1	4.1
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.4
75°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5
65°	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.4	4.6	4.7	4.6
62.5°	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.6	4.8	4.8	4.6
60°	4.4	4.4	4.4	4.4	4.4	4.6	4.6	4.8	5.0	4.9	4.7
57.5°	4.4	4.4	4.4	4.4	4.5	4.7	4.7	5.1	5.1	4.9	4.7
55°	4.4	4.4	4.4	4.4	4.6	4.8	4.9	5.3	5.2	5.0	4.8
52.5°	4.4	4.4	4.4	4.4	4.7	4.9	5.1	5.3	5.2	5.0	4.8
50°	4.4	4.4	4.4	4.4	4.8	5.0	5.2	5.3	5.2	5.1	5.4
47.5°	4.4	4.4	4.4	4.4	4.9	5.1	5.3	5.3	5.3	5.1	6.0
45°	4.4	4.4	4.4	4.5	5.0	5.1	5.3	5.3	5.3	5.5	6.4
42.5°	4.4	4.4	4.4	4.6	5.1	5.2	5.3	5.3	5.4	5.8	7.0
40°	4.4	4.4	4.4	4.7	5.2	5.2	5.3	5.4	5.5	6.0	7.5
37.5°	4.4	4.4	4.4	4.7	5.2	5.3	5.3	5.5	5.8	6.4	7.9
35°	4.4	4.4	4.4	4.8	5.2	5.3	5.3	5.6	6.0	7.1	8.2
32.5°	4.4	4.4	4.4	4.9	5.3	5.3	5.3	5.7	6.3	7.8	9.2
30°	4.4	4.4	4.4	4.9	5.3	5.3	5.4	5.9	6.5	8.7	10.3
27.5°	4.4	4.4	4.4	5.0	5.3	5.3	5.5	6.1	6.9	9.6	11.7
25°	4.4	4.4	4.4	5.0	5.3	5.3	5.6	6.3	7.7	10.7	13.2
22.5°	4.4	4.4	4.4	5.1	5.3	5.3	5.7	6.4	8.4	11.9	15.5
20°	4.4	4.4	4.4	5.1	5.3	5.4	5.9	6.6	9.2	13.1	17.7
17.5°	4.4	4.4	4.4	5.2	5.3	5.5	6.0	6.8	10.0	14.4	19.8
15°	4.4	4.4	4.4	5.2	5.3	5.6	6.2	7.0	10.8	15.8	21.9
12.5°	4.4	4.4	4.4	5.2	5.3	5.7	6.4	7.3	11.6	17.1	23.8
10°	4.4	4.4	4.4	5.3	5.3	5.8	6.5	7.6	12.4	18.7	26.6
7.5°	4.4	4.4	4.4	5.3	5.3	5.9	6.7	7.9	13.2	20.3	31.6
5°	4.4	4.4	4.4	5.3	5.3	6.0	6.8	8.2	13.9	21.9	36.8
2.5°	4.4	4.4	4.4	5.3	5.3	6.1	7.0	8.5	14.5	23.4	42.0
0°	4.4	4.4	4.4	5.3	5.3	6.2	7.1	8.8	15.0	24.8	46.9
-2.5°	4.4	4.4	4.4	5.3	5.4	6.3	7.6	10.6	19.0	32.2	59.4
-5°	4.4	4.4	4.5	5.3	5.5	6.4	8.0	12.3	22.7	39.2	71.2
-7.5°	4.4	4.4	4.5	5.3	5.5	6.5	8.4	13.9	26.2	45.7	81.9
-10°	4.4	4.4	4.6	5.3	5.6	6.5	8.8	15.3	29.2	51.5	91.3
-12.5°	4.4	4.4	4.6	5.3	5.7	6.6	9.0	16.4	31.8	56.6	98.6
-15°	4.4	4.4	4.6	5.2	5.7	6.6	9.3	17.3	34.6	62.0	104.4
-17.5°	4.4	4.4	4.6	5.2	5.7	6.7	9.4	18.6	37.8	66.5	108.7
-20°	4.4	4.4	4.7	5.2	5.8	6.7	9.7	20.1	40.3	69.9	111.6



REPORT NUMBER: P1306038 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	4.4	4.7	5.2	5.8	6.7	10.3	21.0	41.8	72.3	112.9
-25°	4.4	4.4	4.7	5.2	5.8	6.9	10.6	21.4	42.5	73.6	112.5
-27.5°	4.4	4.4	4.7	5.2	5.8	7.1	10.7	21.0	42.1	73.9	113.5
-30°	4.4	4.4	4.7	5.2	5.7	7.2	10.5	20.0	41.5	73.4	113.1
-32.5°	4.4	4.4	4.7	5.2	5.8	7.3	10.0	19.6	40.3	71.5	111.1
-35°	4.4	4.4	4.7	5.2	5.8	7.3	9.8	19.0	38.2	68.1	107.5
-37.5°	4.4	4.4	4.7	5.3	5.8	7.3	9.8	17.9	35.0	63.3	98.0
-40°	4.4	4.4	4.7	5.3	5.8	7.3	9.8	16.3	30.7	58.4	87.7
-42.5°	4.4	4.4	4.7	5.3	5.8	7.3	9.6	14.3	27.6	50.7	76.7
-45°	4.4	4.4	4.7	5.3	5.8	7.2	9.4	12.8	24.7	42.3	65.3
-47.5°	4.4	4.4	4.6	5.4	5.8	7.0	9.0	12.3	21.1	33.5	55.4
-50°	4.4	4.4	4.6	5.3	5.8	6.9	8.8	11.8	16.6	28.3	44.8
-52.5°	4.4	4.4	4.6	5.2	5.8	6.7	8.5	11.1	14.4	23.0	34.4
-55°	4.4	4.4	4.5	5.1	5.8	6.6	8.2	10.3	13.3	17.3	28.0
-57.5°	4.4	4.4	4.5	5.1	5.7	6.5	7.8	9.8	12.2	15.0	21.4
-60°	4.4	4.4	4.4	5.0	5.6	6.3	7.4	9.3	11.1	13.7	16.4
-62.5°	4.4	4.4	4.4	4.9	5.5	6.2	7.2	8.7	10.4	12.3	14.8
-65°	4.4	4.4	4.4	4.8	5.4	6.0	6.9	8.1	9.7	11.4	13.2
-67.5°	4.4	4.4	4.4	4.7	5.3	5.8	6.5	7.6	9.0	10.5	12.1
-70°	4.4	4.4	4.4	4.6	5.1	5.6	6.2	7.2	8.3	9.7	11.1
-72.5°	4.4	4.4	4.4	4.6	5.0	5.5	5.9	6.7	7.7	8.9	10.1
-75°	4.4	4.4	4.4	4.6	4.8	5.3	5.7	6.3	7.1	8.1	9.2
-77.5°	4.4	4.4	4.4	4.5	4.8	5.1	5.5	6.0	6.6	7.3	8.2
-80°	4.4	4.4	4.4	4.5	4.7	5.0	5.3	5.7	6.2	6.8	7.4
-82.5°	4.4	4.4	4.4	4.5	4.6	4.8	5.1	5.4	5.8	6.2	6.7
-85°	4.4	4.4	4.4	4.5	4.6	4.7	4.9	5.2	5.5	5.8	6.1
-87.5°	4.4	4.4	4.4	4.4	4.5	4.5	4.6	4.9	5.2	5.4	5.7
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.7	3.5



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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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	3.5	3.5	3.5	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7
85°	3.5	3.5	3.5	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7
82.5°	3.8	3.7	3.6	3.5	3.3	3.1	2.9	2.8	2.8	2.8	2.8
80°	4.1	4.0	3.8	3.5	3.4	3.3	3.3	3.4	3.3	3.1	2.9
77.5°	4.2	4.0	3.8	3.6	3.5	3.6	3.6	3.5	3.4	3.2	3.0
75°	4.2	4.0	3.9	3.9	4.0	3.9	3.8	3.6	3.4	3.4	3.4
72.5°	4.3	4.2	4.2	4.4	4.3	4.1	3.8	3.6	3.8	4.3	4.6
70°	4.4	4.4	4.4	4.4	4.3	4.2	4.4	5.0	5.7	6.6	8.2
67.5°	4.4	4.4	4.4	4.4	4.4	4.7	5.3	8.6	12.5	14.2	14.8
65°	4.4	4.4	4.4	4.4	4.4	6.8	10.5	15.0	19.7	20.6	20.0
62.5°	4.4	4.4	4.4	5.0	7.1	10.4	14.7	19.5	25.0	25.2	22.0
60°	4.5	4.4	5.3	7.3	9.7	12.9	17.7	21.7	25.8	27.6	21.1
57.5°	4.5	5.1	6.9	9.3	11.8	14.3	17.2	21.0	23.0	23.2	17.1
55°	4.9	6.3	8.4	11.0	13.1	13.0	15.1	16.8	17.5	16.5	11.8
52.5°	5.8	7.4	9.9	12.4	13.2	12.2	11.8	12.9	12.4	10.6	8.7
50°	6.6	8.6	11.3	13.3	13.2	11.2	9.5	10.0	9.6	8.4	7.1
47.5°	7.5	9.8	12.9	14.2	12.6	11.3	9.7	9.2	8.8	9.0	8.0
45°	8.3	10.9	14.3	14.0	13.0	12.4	11.2	9.6	11.2	11.5	11.2
42.5°	9.0	11.9	14.2	14.0	14.7	14.4	13.3	14.1	14.9	15.6	16.0
40°	9.7	12.6	14.5	16.6	17.0	16.8	18.3	19.5	19.6	20.9	22.0
37.5°	10.1	13.3	16.3	21.2	19.6	21.2	24.0	26.6	28.0	26.9	30.1
35°	10.3	14.4	22.1	27.2	25.8	27.1	31.6	36.6	41.5	38.7	44.2
32.5°	11.1	16.1	29.4	34.0	39.0	39.3	40.1	54.0	64.6	69.3	72.0
30°	13.1	22.8	37.6	42.0	57.7	60.9	60.4	77.6	97.1	143.7	179.4
27.5°	15.9	31.1	45.2	58.4	80.7	86.4	94.7	114.4	174.4	262.9	363.0
25°	18.6	41.8	53.5	80.6	105.4	117.3	131.4	161.2	282.4	480.8	553.4
22.5°	24.3	53.8	66.9	105.9	132.8	149.0	174.7	247.5	414.9	719.7	739.2
20°	33.5	64.9	86.6	129.9	162.6	180.4	217.8	337.0	562.2	784.2	870.6
17.5°	43.2	77.3	108.0	154.1	194.9	220.2	266.3	422.0	676.8	867.7	969.6
15°	53.2	90.6	127.9	180.8	230.3	270.1	362.0	537.0	756.4	966.4	1112.9
12.5°	63.2	104.5	146.1	209.2	268.1	319.9	477.7	727.0	930.1	1099.0	1292.5
10°	73.0	118.7	162.7	238.7	307.6	369.2	605.1	931.7	1131.9	1280.9	1450.4
7.5°	96.8	140.5	181.1	268.1	347.7	417.5	738.2	1143.6	1315.2	1436.5	1564.2
5°	123.6	169.6	216.6	311.9	391.4	463.6	867.7	1354.3	1483.5	1571.5	1650.9
2.5°	150.2	197.7	251.3	355.5	435.0	506.0	977.0	1491.4	1602.1	1685.8	1749.2
0°	175.1	224.6	284.7	396.1	475.7	545.6	1070.8	1607.5	1707.4	1791.4	1867.5
-2.5°	189.0	246.4	309.8	411.6	480.3	548.1	997.7	1567.9	1717.0	1829.1	1942.6
-5°	199.9	266.4	333.0	424.7	483.6	548.2	912.1	1499.6	1728.5	1867.9	2006.5
-7.5°	207.7	284.3	354.2	435.4	487.5	550.4	907.5	1523.9	1797.6	1923.8	2059.8
-10°	211.1	291.0	358.5	437.6	492.3	552.8	896.2	1512.7	1864.1	1982.0	2104.1
-12.5°	204.5	287.7	357.3	436.8	496.2	552.6	850.3	1462.1	1930.4	2045.8	2126.0
-15°	196.9	283.1	353.0	433.1	499.6	549.8	765.2	1369.6	1942.4	2016.5	2095.4
-17.5°	188.7	277.0	345.5	426.4	502.5	544.3	630.6	1136.4	1742.2	1919.9	2045.5
-20°	180.5	269.6	334.4	416.5	502.8	526.1	570.0	912.0	1422.5	1780.9	1946.4



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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°	172.6	261.0	321.8	403.0	469.5	498.6	530.7	704.0	1089.0	1602.1	1771.5
-25°	169.0	247.9	310.3	375.0	435.4	469.8	488.4	535.8	814.8	1264.6	1577.3
-27.5°	167.7	236.5	293.0	347.9	406.0	438.7	453.2	488.2	639.5	939.3	1361.8
-30°	164.3	219.1	274.8	323.4	376.8	408.5	420.3	451.1	502.9	720.2	1026.6
-32.5°	154.4	201.1	254.7	302.4	348.9	385.4	401.1	429.2	466.4	532.7	752.6
-35°	142.1	185.8	233.7	280.7	323.4	363.2	390.9	411.2	436.5	470.0	577.9
-37.5°	131.2	169.8	212.6	258.0	299.1	340.1	379.4	397.9	417.8	443.3	488.6
-40°	119.4	153.1	193.6	235.0	275.2	315.1	353.3	386.6	402.4	428.8	459.8
-42.5°	106.6	138.9	174.7	211.9	250.3	288.0	325.8	361.2	395.3	416.2	441.0
-45°	93.6	123.7	155.7	190.5	224.8	260.1	295.4	331.9	374.1	410.5	428.7
-47.5°	79.9	107.7	137.9	168.7	200.4	232.3	264.4	303.7	345.8	385.3	423.5
-50°	66.1	91.8	119.6	148.5	176.7	205.4	234.7	275.7	316.4	354.9	391.4
-52.5°	53.9	75.1	101.4	128.9	154.7	180.1	210.3	247.6	286.5	324.5	359.3
-55°	41.1	60.4	82.3	108.1	134.0	157.1	186.1	220.3	255.4	291.9	326.1
-57.5°	31.7	45.8	64.6	85.9	110.6	136.3	164.4	192.8	224.8	257.9	288.1
-60°	24.0	33.8	47.7	65.6	85.0	110.5	141.0	169.1	196.0	222.4	250.6
-62.5°	17.3	25.0	34.2	46.2	62.9	82.6	108.4	137.4	168.6	191.5	213.7
-65°	15.6	17.9	24.2	32.7	41.5	57.8	77.2	99.0	125.2	148.5	172.3
-67.5°	13.8	15.9	18.0	21.3	29.1	37.8	46.9	64.3	83.3	99.5	116.3
-70°	12.5	14.0	15.9	17.8	19.8	23.6	31.3	39.4	47.2	56.3	69.9
-72.5°	11.3	12.5	13.9	15.5	17.2	19.2	21.4	23.7	28.3	34.1	39.7
-75°	10.1	10.9	11.9	13.2	14.6	16.1	17.8	19.6	21.3	22.7	24.2
-77.5°	8.8	9.5	10.2	10.9	11.8	12.9	14.2	15.5	16.7	17.9	18.9
-80°	7.7	8.0	8.5	9.0	9.7	10.4	11.0	11.7	12.4	13.2	14.1
-82.5°	6.8	6.9	7.0	7.2	7.7	8.2	8.7	9.2	9.6	10.0	10.4
-85°	5.9	5.8	5.7	5.7	6.1	6.5	6.9	7.3	7.4	7.6	7.7
-87.5°	5.6	5.5	5.4	5.3	5.4	5.6	5.8	5.9	6.0	6.0	6.0
-90°	3.5	3.5	3.5	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.3	5.5	5.8	6.0	6.2	6.6	7.1	7.5	8.0	11.3	14.6
87.5°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
85°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
82.5°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
80°	2.7	2.5	2.3	2.1	1.8	1.7	1.7	1.7	1.7	1.5	1.3
77.5°	2.8	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.8	1.6	1.4
75°	3.4	3.4	3.4	3.2	2.8	2.5	2.3	2.1	1.8	1.8	1.8
72.5°	4.8	4.8	4.5	4.4	3.9	3.7	3.6	3.4	3.2	3.2	3.3
70°	9.1	9.2	8.8	8.0	6.8	6.0	5.6	5.1	4.4	4.3	4.6
67.5°	14.3	13.1	12.1	10.9	9.3	7.9	7.2	6.6	6.0	5.8	6.0
65°	18.0	14.2	12.2	10.7	9.6	8.5	7.7	6.9	6.0	5.5	5.4
62.5°	18.0	12.9	10.4	9.2	8.4	7.7	6.6	5.5	4.6	4.1	4.1
60°	15.5	10.6	7.8	6.8	6.0	5.3	4.8	4.2	3.8	3.5	3.6
57.5°	11.8	7.6	5.3	5.2	4.9	4.6	4.3	4.2	3.9	3.5	3.7
55°	8.2	6.4	5.3	5.4	5.5	5.4	5.1	4.7	4.3	4.1	4.2
52.5°	6.6	6.4	6.7	6.8	6.3	5.8	5.3	5.2	5.3	5.5	5.7
50°	7.0	7.3	7.4	7.0	6.7	6.4	6.2	6.4	6.8	7.2	7.5
47.5°	8.1	8.5	8.7	7.9	8.0	8.5	8.1	8.3	9.9	11.2	12.1
45°	10.6	11.9	12.1	12.3	12.2	13.4	14.0	14.7	18.0	19.3	19.2
42.5°	16.3	18.3	19.5	20.8	19.8	23.4	28.5	32.0	31.2	29.9	30.3
40°	24.6	28.2	33.3	36.1	39.2	43.2	44.7	38.7	37.8	42.6	43.0
37.5°	37.4	47.2	58.0	66.4	67.8	66.0	63.8	62.9	64.3	67.4	72.2
35°	61.6	84.5	94.6	99.7	103.0	93.3	89.6	93.1	90.1	99.0	102.0
32.5°	109.2	138.7	147.3	151.2	159.2	149.5	127.8	153.4	143.7	142.3	152.2
30°	173.1	214.3	249.8	252.4	246.7	245.2	257.6	261.0	249.4	249.3	288.2
27.5°	331.5	340.9	403.7	432.1	361.1	366.5	400.3	382.3	424.3	464.9	497.0
25°	524.9	532.8	642.5	625.7	550.5	571.8	591.7	587.7	636.5	685.3	740.8
22.5°	702.8	734.6	824.8	801.5	767.9	777.1	795.4	831.4	896.9	996.2	1254.6
20°	844.7	865.3	909.1	929.1	930.9	949.0	1007.1	1106.6	1310.7	1980.0	2788.1
17.5°	981.4	949.3	1002.0	1036.4	1073.7	1140.2	1275.2	1682.5	2666.6	4695.4	6683.7
15°	1180.0	1160.2	1129.2	1176.4	1279.8	1415.9	1731.1	3220.3	6563.5	10367.8	14323.1
12.5°	1396.3	1370.2	1327.5	1367.3	1524.3	1766.7	3248.5	7022.4	12366.5	19186.8	32472.0
10°	1568.8	1557.1	1530.5	1614.9	1819.9	2550.1	5174.8	11113.0	19059.3	34880.6	54220.6
7.5°	1674.4	1668.9	1691.7	1830.0	2109.1	3724.3	8459.5	16728.0	30691.5	52655.7	85121.9
5°	1789.7	1781.4	1818.0	1985.6	2315.9	4477.0	11025.2	21772.0	42567.1	72955.2	120103.3
2.5°	1913.4	1894.4	1932.0	2123.1	2477.9	4644.0	11601.1	23282.6	49616.7	88603.2	151772.0
0°	2038.1	1999.2	2019.6	2210.6	2598.7	5191.3	12794.8	25460.5	54600.2	97656.3	164840.5
-2.5°	2048.3	1982.3	2002.6	2179.1	2550.9	4469.7	11108.6	23453.7	51893.4	90863.8	150955.8
-5°	2065.5	1979.6	1973.9	2128.6	2482.5	4077.8	9424.5	21450.2	45848.3	79959.2	132031.7
-7.5°	2097.6	1995.9	1947.0	2061.4	2374.1	3544.9	7688.9	17856.6	37091.1	65215.3	102949.9
-10°	2150.1	2040.9	1960.9	2011.1	2237.3	2891.1	5087.4	12978.6	28076.2	49168.8	74746.4
-12.5°	2215.0	2164.5	2044.4	1974.9	2099.1	2453.4	3998.8	9696.8	19726.0	31107.0	49765.9
-15°	2245.0	2264.1	2177.4	2039.1	2047.3	2266.4	2796.7	5309.3	12382.4	20651.6	29856.2
-17.5°	2204.2	2294.4	2194.1	2035.5	1971.2	2101.1	2349.1	3270.3	5721.9	11033.3	16431.8
-20°	2084.8	2114.2	2093.8	1998.6	1931.1	1938.2	2061.0	2299.9	2778.1	4516.8	6427.6



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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°	1863.6	1882.6	1877.2	1947.7	1872.1	1838.1	1864.7	1957.5	2105.9	2331.5	2963.8
-25°	1675.1	1667.1	1710.6	1828.5	1847.2	1765.0	1743.5	1750.2	1834.7	1934.7	2073.3
-27.5°	1495.3	1549.7	1645.5	1765.1	1817.1	1761.8	1692.3	1646.9	1687.5	1719.1	1781.4
-30°	1344.8	1485.4	1585.8	1694.8	1773.0	1764.2	1696.6	1674.3	1655.2	1632.8	1648.6
-32.5°	1105.3	1407.9	1511.4	1600.5	1695.2	1733.6	1733.1	1723.7	1732.4	1714.2	1673.6
-35°	859.0	1185.2	1454.2	1503.7	1564.9	1655.4	1724.8	1735.8	1746.2	1745.7	1736.0
-37.5°	616.2	919.4	1192.1	1392.6	1464.6	1530.9	1660.2	1729.3	1751.9	1787.6	1800.8
-40°	505.4	596.3	868.9	1114.2	1279.5	1480.4	1614.8	1739.8	1868.4	1943.6	1986.2
-42.5°	472.1	509.9	549.9	738.5	974.3	1194.9	1405.5	1643.6	1826.3	1968.2	2109.8
-45°	448.1	472.4	499.0	536.1	573.2	760.0	974.6	1190.1	1392.3	1596.1	1791.7
-47.5°	438.6	447.6	466.0	487.2	511.9	544.6	575.6	623.6	790.5	955.7	1133.0
-50°	423.4	445.7	453.6	461.4	481.3	500.5	515.3	535.6	555.8	568.4	585.2
-52.5°	391.3	420.0	444.5	467.0	480.0	491.1	500.9	517.6	533.2	546.7	556.1
-55°	358.1	387.7	416.0	443.7	469.6	494.4	516.0	528.0	540.0	552.1	557.1
-57.5°	319.0	350.2	380.8	409.6	437.9	465.5	490.0	512.0	533.2	552.8	565.1
-60°	278.1	304.7	335.6	367.6	397.1	424.3	451.4	476.9	500.5	520.6	533.2
-62.5°	238.3	263.7	289.1	317.9	349.9	380.8	405.2	430.0	454.9	476.8	492.7
-65°	195.1	216.4	236.7	258.5	281.4	306.1	331.9	357.3	382.0	402.9	418.5
-67.5°	136.3	156.6	175.4	194.0	211.2	228.6	247.2	266.0	284.7	301.2	315.1
-70°	83.1	95.5	106.4	118.3	132.4	147.0	161.6	175.1	187.3	197.4	205.6
-72.5°	45.0	49.7	55.0	63.8	71.9	80.6	89.5	97.7	105.3	112.3	118.6
-75°	25.6	27.8	31.6	34.9	38.0	41.7	45.7	49.5	53.1	56.8	60.1
-77.5°	20.0	21.1	22.1	23.1	24.0	25.3	26.9	28.4	30.0	32.6	35.5
-80°	14.9	15.6	16.3	17.0	17.6	18.5	19.4	20.3	21.1	22.3	23.4
-82.5°	10.8	11.2	11.5	11.8	12.0	12.6	13.2	13.8	14.4	15.7	17.0
-85°	7.9	8.0	8.1	8.2	8.3	8.6	8.9	9.2	9.5	10.7	11.8
-87.5°	6.0	6.1	6.1	6.2	6.2	6.4	6.7	6.9	7.1	8.3	9.4
-90°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	17.9	21.2	24.3	27.4	24.3	21.2	17.9	14.6	11.3	8.0	7.5
87.5°	0.9	0.9	0.4	0.0	0.4	0.9	0.9	0.9	0.9	0.9	1.1
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
80°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.7	1.7
77.5°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.6	1.8	2.0
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1
72.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	3.2	3.4
70°	4.9	5.2	5.7	6.2	5.7	5.2	4.9	4.6	4.3	4.4	5.1
67.5°	6.1	6.2	5.4	4.4	5.4	6.2	6.1	6.0	5.8	6.0	6.6
65°	5.4	5.3	4.9	4.4	4.9	5.3	5.4	5.4	5.5	6.0	6.9
62.5°	4.2	4.4	4.4	4.4	4.4	4.4	4.2	4.1	4.1	4.6	5.5
60°	3.6	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.5	3.8	4.2
57.5°	4.0	4.3	4.4	4.4	4.4	4.3	4.0	3.7	3.5	3.9	4.2
55°	4.3	4.4	4.7	5.3	4.7	4.4	4.3	4.2	4.1	4.3	4.7
52.5°	5.9	6.1	6.2	6.2	6.2	6.1	5.9	5.7	5.5	5.3	5.2
50°	7.7	7.9	8.0	8.0	8.0	7.9	7.7	7.5	7.2	6.8	6.4
47.5°	12.7	13.0	13.4	14.1	13.4	13.0	12.7	12.1	11.2	9.9	8.3
45°	20.1	20.7	21.5	23.0	21.5	20.7	20.1	19.2	19.3	18.0	14.7
42.5°	31.9	32.8	33.8	35.4	33.8	32.8	31.9	30.3	29.9	31.2	32.0
40°	44.0	44.6	45.2	46.9	45.2	44.6	44.0	43.0	42.6	37.8	38.7
37.5°	74.4	71.3	68.0	75.2	68.0	71.3	74.4	72.2	67.4	64.3	62.9
35°	101.5	103.4	106.3	111.4	106.3	103.4	101.5	102.0	99.0	90.1	93.1
32.5°	154.0	162.3	166.2	171.5	166.2	162.3	154.0	152.2	142.3	143.7	153.4
30°	306.4	305.8	281.2	285.6	281.2	305.8	306.4	288.2	249.3	249.4	261.0
27.5°	507.2	513.3	510.7	523.5	510.7	513.3	507.2	497.0	464.9	424.3	382.3
25°	789.6	816.0	810.8	836.5	810.8	816.0	789.6	740.8	685.3	636.5	587.7
22.5°	1572.3	1694.0	1692.1	1854.2	1692.1	1694.0	1572.3	1254.6	996.2	896.9	831.4
20°	4199.5	5030.3	4687.9	4751.0	4687.9	5030.3	4199.5	2788.1	1980.0	1310.7	1106.6
17.5°	9684.2	12499.2	13721.7	15249.4	13721.7	12499.2	9684.2	6683.7	4695.4	2666.6	1682.5
15°	22107.2	29607.3	33358.8	29529.7	33358.8	29607.3	22107.2	14323.1	10367.8	6563.5	3220.3
12.5°	46285.9	59454.5	68557.1	61571.5	68557.1	59454.5	46285.9	32472.0	19186.8	12366.5	7022.4
10°	79962.9	104219.3	124265.8	117659.0	124265.8	104219.3	79962.9	54220.6	34880.6	19059.3	11113.0
7.5°	122929.7	162114.9	186572.1	186390.9	186572.1	162114.9	122929.7	85121.9	52655.7	30691.5	16728.0
5°	176858.4	226993.1	258134.7	261889.8	258134.7	226993.1	176858.4	120103.3	72955.2	42567.1	21772.0
2.5°	216788.8	271144.7	313666.7	329003.7	313666.7	271144.7	216788.8	151772.0	88603.2	49616.7	23282.6
0°	233091.9	289129.4	334583.1	359926.9	334583.1	289129.4	233091.9	164840.5	97656.3	54600.2	25460.5
-2.5°	220281.8	272038.3	309527.9	325229.8	309527.9	272038.3	220281.8	150955.8	90863.8	51893.4	23453.7
-5°	192335.7	241078.6	269998.3	280268.5	269998.3	241078.6	192335.7	132031.7	79959.2	45848.3	21450.2
-7.5°	150513.4	191315.7	216280.8	225297.8	216280.8	191315.7	150513.4	102949.9	65215.3	37091.1	17856.6
-10°	104231.0	134560.2	156234.7	162958.0	156234.7	134560.2	104231.0	74746.4	49168.8	28076.2	12978.6
-12.5°	67161.6	85156.2	97164.4	101538.1	97164.4	85156.2	67161.6	49765.9	31107.0	19726.0	9696.8
-15°	40858.0	50877.5	56693.1	58652.6	56693.1	50877.5	40858.0	29856.2	20651.6	12382.4	5309.3
-17.5°	22512.6	27348.2	29125.9	30376.8	29125.9	27348.2	22512.6	16431.8	11033.3	5721.9	3270.3
-20°	10085.6	12184.9	13215.1	13743.6	13215.1	12184.9	10085.6	6427.6	4516.8	2778.1	2299.9



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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°	3888.8	4501.8	4777.9	5004.7	4777.9	4501.8	3888.8	2963.8	2331.5	2105.9	1957.5
-25°	2193.9	2279.0	2317.7	2343.2	2317.7	2279.0	2193.9	2073.3	1934.7	1834.7	1750.2
-27.5°	1825.7	1874.9	1908.6	1902.9	1908.6	1874.9	1825.7	1781.4	1719.1	1687.5	1646.9
-30°	1649.8	1664.9	1677.6	1667.7	1677.6	1664.9	1649.8	1648.6	1632.8	1655.2	1674.3
-32.5°	1645.0	1629.5	1620.6	1618.1	1620.6	1629.5	1645.0	1673.6	1714.2	1732.4	1723.7
-35°	1724.9	1717.9	1713.4	1716.3	1713.4	1717.9	1724.9	1736.0	1745.7	1746.2	1735.8
-37.5°	1802.4	1792.1	1776.4	1764.0	1776.4	1792.1	1802.4	1800.8	1787.6	1751.9	1729.3
-40°	1994.4	2031.6	2078.6	2104.5	2078.6	2031.6	1994.4	1986.2	1943.6	1868.4	1739.8
-42.5°	2151.7	2178.9	2191.1	2190.2	2191.1	2178.9	2151.7	2109.8	1968.2	1826.3	1643.6
-45°	1940.1	2048.6	2107.2	2118.6	2107.2	2048.6	1940.1	1791.7	1596.1	1392.3	1190.1
-47.5°	1324.0	1500.3	1603.7	1617.3	1603.7	1500.3	1324.0	1133.0	955.7	790.5	623.6
-50°	608.1	631.7	640.4	634.0	640.4	631.7	608.1	585.2	568.4	555.8	535.6
-52.5°	565.0	574.1	578.8	580.1	578.8	574.1	565.0	556.1	546.7	533.2	517.6
-55°	561.8	566.8	570.1	573.0	570.1	566.8	561.8	557.1	552.1	540.0	528.0
-57.5°	576.5	587.1	592.1	594.2	592.1	587.1	576.5	565.1	552.8	533.2	512.0
-60°	544.6	555.0	558.8	559.7	558.8	555.0	544.6	533.2	520.6	500.5	476.9
-62.5°	507.6	521.3	526.5	527.9	526.5	521.3	507.6	492.7	476.8	454.9	430.0
-65°	432.1	443.7	444.5	441.2	444.5	443.7	432.1	418.5	402.9	382.0	357.3
-67.5°	327.7	338.7	339.2	336.0	339.2	338.7	327.7	315.1	301.2	284.7	266.0
-70°	212.2	217.2	218.2	217.5	218.2	217.2	212.2	205.6	197.4	187.3	175.1
-72.5°	124.2	128.9	128.0	125.6	128.0	128.9	124.2	118.6	112.3	105.3	97.7
-75°	63.0	65.6	66.6	67.2	66.6	65.6	63.0	60.1	56.8	53.1	49.5
-77.5°	38.4	41.2	41.9	42.4	41.9	41.2	38.4	35.5	32.6	30.0	28.4
-80°	24.5	25.5	25.6	25.6	25.6	25.5	24.5	23.4	22.3	21.1	20.3
-82.5°	18.2	19.4	19.9	20.3	19.9	19.4	18.2	17.0	15.7	14.4	13.8
-85°	12.9	14.1	14.5	15.0	14.5	14.1	12.9	11.8	10.7	9.5	9.2
-87.5°	10.5	11.5	12.0	12.4	12.0	11.5	10.5	9.4	8.3	7.1	6.9
-90°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	0.9	1.1



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.1	6.6	6.2	6.0	5.8	5.5	5.3	5.3	5.3	5.3	5.3
87.5°	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.7	2.7	2.7	2.7
85°	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.7	2.7	2.7	2.7
82.5°	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.8	2.8	2.8	2.8
80°	1.7	1.7	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4
77.5°	2.1	2.2	2.3	2.4	2.6	2.7	2.8	3.0	3.2	3.4	3.5
75°	2.3	2.5	2.8	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.6
72.5°	3.6	3.7	3.9	4.4	4.5	4.8	4.8	4.6	4.3	3.8	3.6
70°	5.6	6.0	6.8	8.0	8.8	9.2	9.1	8.2	6.6	5.7	5.0
67.5°	7.2	7.9	9.3	10.9	12.1	13.1	14.3	14.8	14.2	12.5	8.6
65°	7.7	8.5	9.6	10.7	12.2	14.2	18.0	20.0	20.6	19.7	15.0
62.5°	6.6	7.7	8.4	9.2	10.4	12.9	18.0	22.0	25.2	25.0	19.5
60°	4.8	5.3	6.0	6.8	7.8	10.6	15.5	21.1	27.6	25.8	21.7
57.5°	4.3	4.6	4.9	5.2	5.3	7.6	11.8	17.1	23.2	23.0	21.0
55°	5.1	5.4	5.5	5.4	5.3	6.4	8.2	11.8	16.5	17.5	16.8
52.5°	5.3	5.8	6.3	6.8	6.7	6.4	6.6	8.7	10.6	12.4	12.9
50°	6.2	6.4	6.7	7.0	7.4	7.3	7.0	7.1	8.4	9.6	10.0
47.5°	8.1	8.5	8.0	7.9	8.7	8.5	8.1	8.0	9.0	8.8	9.2
45°	14.0	13.4	12.2	12.3	12.1	11.9	10.6	11.2	11.5	11.2	9.6
42.5°	28.5	23.4	19.8	20.8	19.5	18.3	16.3	16.0	15.6	14.9	14.1
40°	44.7	43.2	39.2	36.1	33.3	28.2	24.6	22.0	20.9	19.6	19.5
37.5°	63.8	66.0	67.8	66.4	58.0	47.2	37.4	30.1	26.9	28.0	26.6
35°	89.6	93.3	103.0	99.7	94.6	84.5	61.6	44.2	38.7	41.5	36.6
32.5°	127.8	149.5	159.2	151.2	147.3	138.7	109.2	72.0	69.3	64.6	54.0
30°	257.6	245.2	246.7	252.4	249.8	214.3	173.1	179.4	143.7	97.1	77.6
27.5°	400.3	366.5	361.1	432.1	403.7	340.9	331.5	363.0	262.9	174.4	114.4
25°	591.7	571.8	550.5	625.7	642.5	532.8	524.9	553.4	480.8	282.4	161.2
22.5°	795.4	777.1	767.9	801.5	824.8	734.6	702.8	739.2	719.7	414.9	247.5
20°	1007.1	949.0	930.9	929.1	909.1	865.3	844.7	870.6	784.2	562.2	337.0
17.5°	1275.2	1140.2	1073.7	1036.4	1002.0	949.3	981.4	969.6	867.7	676.8	422.0
15°	1731.1	1415.9	1279.8	1176.4	1129.2	1160.2	1180.0	1112.9	966.4	756.4	537.0
12.5°	3248.5	1766.7	1524.3	1367.3	1327.5	1370.2	1396.3	1292.5	1099.0	930.1	727.0
10°	5174.8	2550.1	1819.9	1614.9	1530.5	1557.1	1568.8	1450.4	1280.9	1131.9	931.7
7.5°	8459.5	3724.3	2109.1	1830.0	1691.7	1668.9	1674.4	1564.2	1436.5	1315.2	1143.6
5°	11025.2	4477.0	2315.9	1985.6	1818.0	1781.4	1789.7	1650.9	1571.5	1483.5	1354.3
2.5°	11601.1	4644.0	2477.9	2123.1	1932.0	1894.4	1913.4	1749.2	1685.8	1602.1	1491.4
0°	12794.8	5191.3	2598.7	2210.6	2019.6	1999.2	2038.1	1867.5	1791.4	1707.4	1607.5
-2.5°	11108.6	4469.7	2550.9	2179.1	2002.6	1982.3	2048.3	1942.6	1829.1	1717.0	1567.9
-5°	9424.5	4077.8	2482.5	2128.6	1973.9	1979.6	2065.5	2006.5	1867.9	1728.5	1499.6
-7.5°	7688.9	3544.9	2374.1	2061.4	1947.0	1995.9	2097.6	2059.8	1923.8	1797.6	1523.9
-10°	5087.4	2891.1	2237.3	2011.1	1960.9	2040.9	2150.1	2104.1	1982.0	1864.1	1512.7
-12.5°	3998.8	2453.4	2099.1	1974.9	2044.4	2164.5	2215.0	2126.0	2045.8	1930.4	1462.1
-15°	2796.7	2266.4	2047.3	2039.1	2177.4	2264.1	2245.0	2095.4	2016.5	1942.4	1369.6
-17.5°	2349.1	2101.1	1971.2	2035.5	2194.1	2294.4	2204.2	2045.5	1919.9	1742.2	1136.4
-20°	2061.0	1938.2	1931.1	1998.6	2093.8	2114.2	2084.8	1946.4	1780.9	1422.5	912.0



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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°	1864.7	1838.1	1872.1	1947.7	1877.2	1882.6	1863.6	1771.5	1602.1	1089.0	704.0
-25°	1743.5	1765.0	1847.2	1828.5	1710.6	1667.1	1675.1	1577.3	1264.6	814.8	535.8
-27.5°	1692.3	1761.8	1817.1	1765.1	1645.5	1549.7	1495.3	1361.8	939.3	639.5	488.2
-30°	1696.6	1764.2	1773.0	1694.8	1585.8	1485.4	1344.8	1026.6	720.2	502.9	451.1
-32.5°	1733.1	1733.6	1695.2	1600.5	1511.4	1407.9	1105.3	752.6	532.7	466.4	429.2
-35°	1724.8	1655.4	1564.9	1503.7	1454.2	1185.2	859.0	577.9	470.0	436.5	411.2
-37.5°	1660.2	1530.9	1464.6	1392.6	1192.1	919.4	616.2	488.6	443.3	417.8	397.9
-40°	1614.8	1480.4	1279.5	1114.2	868.9	596.3	505.4	459.8	428.8	402.4	386.6
-42.5°	1405.5	1194.9	974.3	738.5	549.9	509.9	472.1	441.0	416.2	395.3	361.2
-45°	974.6	760.0	573.2	536.1	499.0	472.4	448.1	428.7	410.5	374.1	331.9
-47.5°	575.6	544.6	511.9	487.2	466.0	447.6	438.6	423.5	385.3	345.8	303.7
-50°	515.3	500.5	481.3	461.4	453.6	445.7	423.4	391.4	354.9	316.4	275.7
-52.5°	500.9	491.1	480.0	467.0	444.5	420.0	391.3	359.3	324.5	286.5	247.6
-55°	516.0	494.4	469.6	443.7	416.0	387.7	358.1	326.1	291.9	255.4	220.3
-57.5°	490.0	465.5	437.9	409.6	380.8	350.2	319.0	288.1	257.9	224.8	192.8
-60°	451.4	424.3	397.1	367.6	335.6	304.7	278.1	250.6	222.4	196.0	169.1
-62.5°	405.2	380.8	349.9	317.9	289.1	263.7	238.3	213.7	191.5	168.6	137.4
-65°	331.9	306.1	281.4	258.5	236.7	216.4	195.1	172.3	148.5	125.2	99.0
-67.5°	247.2	228.6	211.2	194.0	175.4	156.6	136.3	116.3	99.5	83.3	64.3
-70°	161.6	147.0	132.4	118.3	106.4	95.5	83.1	69.9	56.3	47.2	39.4
-72.5°	89.5	80.6	71.9	63.8	55.0	49.7	45.0	39.7	34.1	28.3	23.7
-75°	45.7	41.7	38.0	34.9	31.6	27.8	25.6	24.2	22.7	21.3	19.6
-77.5°	26.9	25.3	24.0	23.1	22.1	21.1	20.0	18.9	17.9	16.7	15.5
-80°	19.4	18.5	17.6	17.0	16.3	15.6	14.9	14.1	13.2	12.4	11.7
-82.5°	13.2	12.6	12.0	11.8	11.5	11.2	10.8	10.4	10.0	9.6	9.2
-85°	8.9	8.6	8.3	8.2	8.1	8.0	7.9	7.7	7.6	7.4	7.3
-87.5°	6.7	6.4	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.0	5.9
-90°	1.4	1.6	1.8	2.0	2.3	2.5	2.7	2.7	2.7	2.7	2.7



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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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.9	4.6
87.5°	2.9	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.2
85°	2.9	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.2
82.5°	2.9	3.1	3.3	3.5	3.6	3.7	3.8	3.8	3.8	4.0	4.2
80°	3.3	3.3	3.4	3.5	3.8	4.0	4.1	4.1	4.1	4.1	4.2
77.5°	3.6	3.6	3.5	3.6	3.8	4.0	4.2	4.4	4.3	4.3	4.3
75°	3.8	3.9	4.0	3.9	3.9	4.0	4.2	4.4	4.4	4.4	4.4
72.5°	3.8	4.1	4.3	4.4	4.2	4.2	4.3	4.4	4.4	4.4	4.4
70°	4.4	4.2	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	5.3	4.7	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.4	4.4
65°	10.5	6.8	4.4	4.4	4.4	4.4	4.4	4.6	4.7	4.6	4.4
62.5°	14.7	10.4	7.1	5.0	4.4	4.4	4.4	4.6	4.8	4.8	4.6
60°	17.7	12.9	9.7	7.3	5.3	4.4	4.5	4.7	4.9	5.0	4.8
57.5°	17.2	14.3	11.8	9.3	6.9	5.1	4.5	4.7	4.9	5.1	5.1
55°	15.1	13.0	13.1	11.0	8.4	6.3	4.9	4.8	5.0	5.2	5.3
52.5°	11.8	12.2	13.2	12.4	9.9	7.4	5.8	4.8	5.0	5.2	5.3
50°	9.5	11.2	13.2	13.3	11.3	8.6	6.6	5.4	5.1	5.2	5.3
47.5°	9.7	11.3	12.6	14.2	12.9	9.8	7.5	6.0	5.1	5.3	5.3
45°	11.2	12.4	13.0	14.0	14.3	10.9	8.3	6.4	5.5	5.3	5.3
42.5°	13.3	14.4	14.7	14.0	14.2	11.9	9.0	7.0	5.8	5.4	5.3
40°	18.3	16.8	17.0	16.6	14.5	12.6	9.7	7.5	6.0	5.5	5.4
37.5°	24.0	21.2	19.6	21.2	16.3	13.3	10.1	7.9	6.4	5.8	5.5
35°	31.6	27.1	25.8	27.2	22.1	14.4	10.3	8.2	7.1	6.0	5.6
32.5°	40.1	39.3	39.0	34.0	29.4	16.1	11.1	9.2	7.8	6.3	5.7
30°	60.4	60.9	57.7	42.0	37.6	22.8	13.1	10.3	8.7	6.5	5.9
27.5°	94.7	86.4	80.7	58.4	45.2	31.1	15.9	11.7	9.6	6.9	6.1
25°	131.4	117.3	105.4	80.6	53.5	41.8	18.6	13.2	10.7	7.7	6.3
22.5°	174.7	149.0	132.8	105.9	66.9	53.8	24.3	15.5	11.9	8.4	6.4
20°	217.8	180.4	162.6	129.9	86.6	64.9	33.5	17.7	13.1	9.2	6.6
17.5°	266.3	220.2	194.9	154.1	108.0	77.3	43.2	19.8	14.4	10.0	6.8
15°	362.0	270.1	230.3	180.8	127.9	90.6	53.2	21.9	15.8	10.8	7.0
12.5°	477.7	319.9	268.1	209.2	146.1	104.5	63.2	23.8	17.1	11.6	7.3
10°	605.1	369.2	307.6	238.7	162.7	118.7	73.0	26.6	18.7	12.4	7.6
7.5°	738.2	417.5	347.7	268.1	181.1	140.5	96.8	31.6	20.3	13.2	7.9
5°	867.7	463.6	391.4	311.9	216.6	169.6	123.6	36.8	21.9	13.9	8.2
2.5°	977.0	506.0	435.0	355.5	251.3	197.7	150.2	42.0	23.4	14.5	8.5
0°	1070.8	545.6	475.7	396.1	284.7	224.6	175.1	46.9	24.8	15.0	8.8
-2.5°	997.7	548.1	480.3	411.6	309.8	246.4	189.0	59.4	32.2	19.0	10.6
-5°	912.1	548.2	483.6	424.7	333.0	266.4	199.9	71.2	39.2	22.7	12.3
-7.5°	907.5	550.4	487.5	435.4	354.2	284.3	207.7	81.9	45.7	26.2	13.9
-10°	896.2	552.8	492.3	437.6	358.5	291.0	211.1	91.3	51.5	29.2	15.3
-12.5°	850.3	552.6	496.2	436.8	357.3	287.7	204.5	98.6	56.6	31.8	16.4
-15°	765.2	549.8	499.6	433.1	353.0	283.1	196.9	104.4	62.0	34.6	17.3
-17.5°	630.6	544.3	502.5	426.4	345.5	277.0	188.7	108.7	66.5	37.8	18.6
-20°	570.0	526.1	502.8	416.5	334.4	269.6	180.5	111.6	69.9	40.3	20.1



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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°	530.7	498.6	469.5	403.0	321.8	261.0	172.6	112.9	72.3	41.8	21.0
-25°	488.4	469.8	435.4	375.0	310.3	247.9	169.0	112.5	73.6	42.5	21.4
-27.5°	453.2	438.7	406.0	347.9	293.0	236.5	167.7	113.5	73.9	42.1	21.0
-30°	420.3	408.5	376.8	323.4	274.8	219.1	164.3	113.1	73.4	41.5	20.0
-32.5°	401.1	385.4	348.9	302.4	254.7	201.1	154.4	111.1	71.5	40.3	19.6
-35°	390.9	363.2	323.4	280.7	233.7	185.8	142.1	107.5	68.1	38.2	19.0
-37.5°	379.4	340.1	299.1	258.0	212.6	169.8	131.2	98.0	63.3	35.0	17.9
-40°	353.3	315.1	275.2	235.0	193.6	153.1	119.4	87.7	58.4	30.7	16.3
-42.5°	325.8	288.0	250.3	211.9	174.7	138.9	106.6	76.7	50.7	27.6	14.3
-45°	295.4	260.1	224.8	190.5	155.7	123.7	93.6	65.3	42.3	24.7	12.8
-47.5°	264.4	232.3	200.4	168.7	137.9	107.7	79.9	55.4	33.5	21.1	12.3
-50°	234.7	205.4	176.7	148.5	119.6	91.8	66.1	44.8	28.3	16.6	11.8
-52.5°	210.3	180.1	154.7	128.9	101.4	75.1	53.9	34.4	23.0	14.4	11.1
-55°	186.1	157.1	134.0	108.1	82.3	60.4	41.1	28.0	17.3	13.3	10.3
-57.5°	164.4	136.3	110.6	85.9	64.6	45.8	31.7	21.4	15.0	12.2	9.8
-60°	141.0	110.5	85.0	65.6	47.7	33.8	24.0	16.4	13.7	11.1	9.3
-62.5°	108.4	82.6	62.9	46.2	34.2	25.0	17.3	14.8	12.3	10.4	8.7
-65°	77.2	57.8	41.5	32.7	24.2	17.9	15.6	13.2	11.4	9.7	8.1
-67.5°	46.9	37.8	29.1	21.3	18.0	15.9	13.8	12.1	10.5	9.0	7.6
-70°	31.3	23.6	19.8	17.8	15.9	14.0	12.5	11.1	9.7	8.3	7.2
-72.5°	21.4	19.2	17.2	15.5	13.9	12.5	11.3	10.1	8.9	7.7	6.7
-75°	17.8	16.1	14.6	13.2	11.9	10.9	10.1	9.2	8.1	7.1	6.3
-77.5°	14.2	12.9	11.8	10.9	10.2	9.5	8.8	8.2	7.3	6.6	6.0
-80°	11.0	10.4	9.7	9.0	8.5	8.0	7.7	7.4	6.8	6.2	5.7
-82.5°	8.7	8.2	7.7	7.2	7.0	6.9	6.8	6.7	6.2	5.8	5.4
-85°	6.9	6.5	6.1	5.7	5.7	5.8	5.9	6.1	5.8	5.5	5.2
-87.5°	5.8	5.6	5.4	5.3	5.4	5.5	5.6	5.7	5.4	5.2	4.9
-90°	2.9	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	4.5	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	4.5	4.5	4.4	4.4	4.4	4.4	4.4
60°	4.6	4.6	4.4	4.4	4.4	4.4	4.4
57.5°	4.7	4.7	4.5	4.4	4.4	4.4	4.4
55°	4.9	4.8	4.6	4.4	4.4	4.4	4.4
52.5°	5.1	4.9	4.7	4.4	4.4	4.4	4.4
50°	5.2	5.0	4.8	4.4	4.4	4.4	4.4
47.5°	5.3	5.1	4.9	4.4	4.4	4.4	4.4
45°	5.3	5.1	5.0	4.5	4.4	4.4	4.4
42.5°	5.3	5.2	5.1	4.6	4.4	4.4	4.4
40°	5.3	5.2	5.2	4.7	4.4	4.4	4.4
37.5°	5.3	5.3	5.2	4.7	4.4	4.4	4.4
35°	5.3	5.3	5.2	4.8	4.4	4.4	4.4
32.5°	5.3	5.3	5.3	4.9	4.4	4.4	4.4
30°	5.4	5.3	5.3	4.9	4.4	4.4	4.4
27.5°	5.5	5.3	5.3	5.0	4.4	4.4	4.4
25°	5.6	5.3	5.3	5.0	4.4	4.4	4.4
22.5°	5.7	5.3	5.3	5.1	4.4	4.4	4.4
20°	5.9	5.4	5.3	5.1	4.4	4.4	4.4
17.5°	6.0	5.5	5.3	5.2	4.4	4.4	4.4
15°	6.2	5.6	5.3	5.2	4.4	4.4	4.4
12.5°	6.4	5.7	5.3	5.2	4.4	4.4	4.4
10°	6.5	5.8	5.3	5.3	4.4	4.4	4.4
7.5°	6.7	5.9	5.3	5.3	4.4	4.4	4.4
5°	6.8	6.0	5.3	5.3	4.4	4.4	4.4
2.5°	7.0	6.1	5.3	5.3	4.4	4.4	4.4
0°	7.1	6.2	5.3	5.3	4.4	4.4	4.4
-2.5°	7.6	6.3	5.4	5.3	4.4	4.4	4.4
-5°	8.0	6.4	5.5	5.3	4.5	4.4	4.4
-7.5°	8.4	6.5	5.5	5.3	4.5	4.4	4.4
-10°	8.8	6.5	5.6	5.3	4.6	4.4	4.4
-12.5°	9.0	6.6	5.7	5.3	4.6	4.4	4.4
-15°	9.3	6.6	5.7	5.2	4.6	4.4	4.4
-17.5°	9.4	6.7	5.7	5.2	4.6	4.4	4.4
-20°	9.7	6.7	5.8	5.2	4.7	4.4	4.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.3	6.7	5.8	5.2	4.7	4.4	4.4
-25°	10.6	6.9	5.8	5.2	4.7	4.4	4.4
-27.5°	10.7	7.1	5.8	5.2	4.7	4.4	4.4
-30°	10.5	7.2	5.7	5.2	4.7	4.4	4.4
-32.5°	10.0	7.3	5.8	5.2	4.7	4.4	4.4
-35°	9.8	7.3	5.8	5.2	4.7	4.4	4.4
-37.5°	9.8	7.3	5.8	5.3	4.7	4.4	4.4
-40°	9.8	7.3	5.8	5.3	4.7	4.4	4.4
-42.5°	9.6	7.3	5.8	5.3	4.7	4.4	4.4
-45°	9.4	7.2	5.8	5.3	4.7	4.4	4.4
-47.5°	9.0	7.0	5.8	5.4	4.6	4.4	4.4
-50°	8.8	6.9	5.8	5.3	4.6	4.4	4.4
-52.5°	8.5	6.7	5.8	5.2	4.6	4.4	4.4
-55°	8.2	6.6	5.8	5.1	4.5	4.4	4.4
-57.5°	7.8	6.5	5.7	5.1	4.5	4.4	4.4
-60°	7.4	6.3	5.6	5.0	4.4	4.4	4.4
-62.5°	7.2	6.2	5.5	4.9	4.4	4.4	4.4
-65°	6.9	6.0	5.4	4.8	4.4	4.4	4.4
-67.5°	6.5	5.8	5.3	4.7	4.4	4.4	4.4
-70°	6.2	5.6	5.1	4.6	4.4	4.4	4.4
-72.5°	5.9	5.5	5.0	4.6	4.4	4.4	4.4
-75°	5.7	5.3	4.8	4.6	4.4	4.4	4.4
-77.5°	5.5	5.1	4.8	4.5	4.4	4.4	4.4
-80°	5.3	5.0	4.7	4.5	4.4	4.4	4.4
-82.5°	5.1	4.8	4.6	4.5	4.4	4.4	4.4
-85°	4.9	4.7	4.6	4.5	4.4	4.4	4.4
-87.5°	4.6	4.5	4.5	4.4	4.4	4.4	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)