

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: P1306114 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-80-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

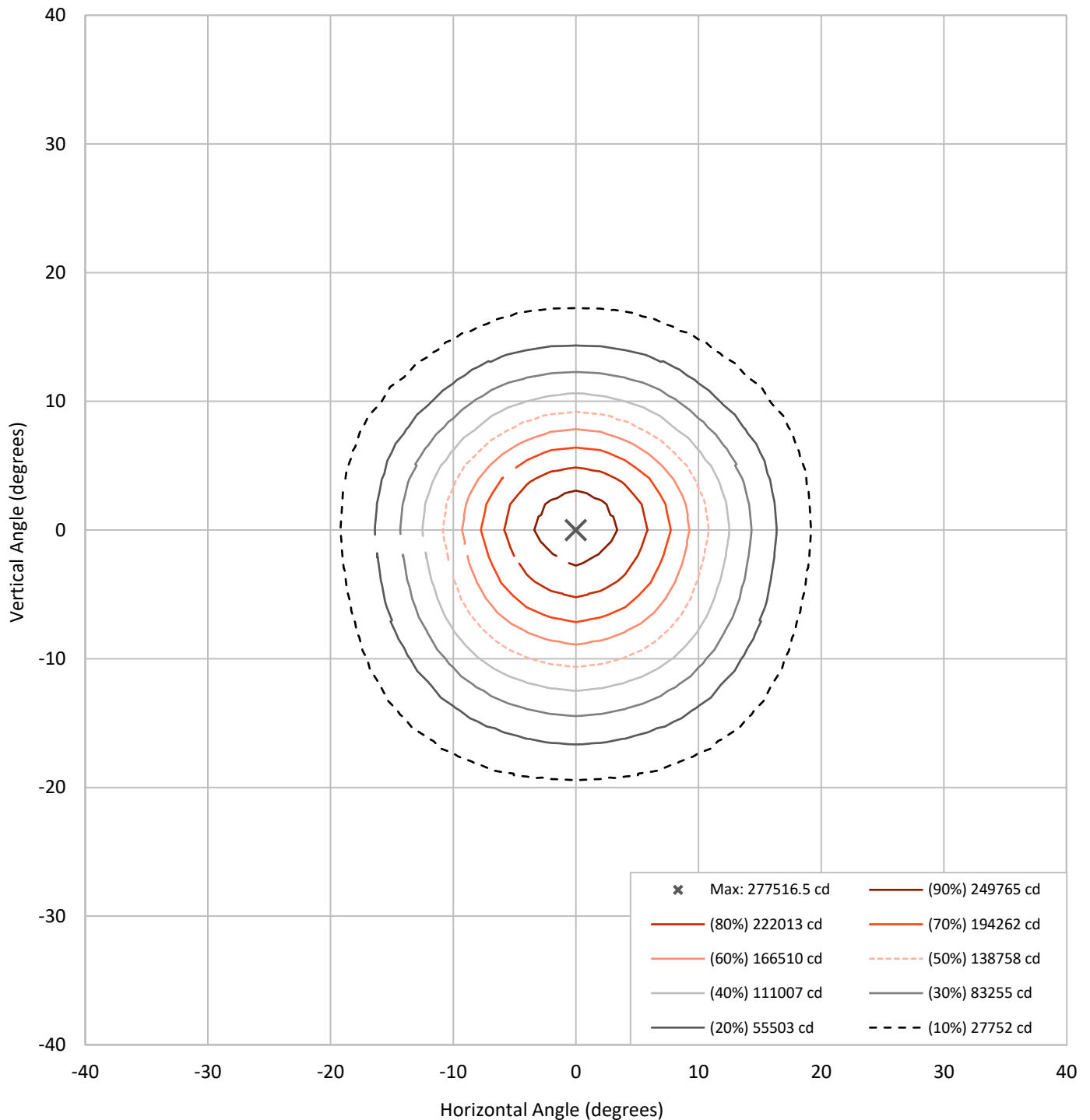
Test Method: LM-79-08  
Report Number: P1306114 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-57-80-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 2S 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:	42960.1 lumens	Max Intensity:	277516.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	19860.1 lumens	Field Lumens:	37048.4 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	340		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot



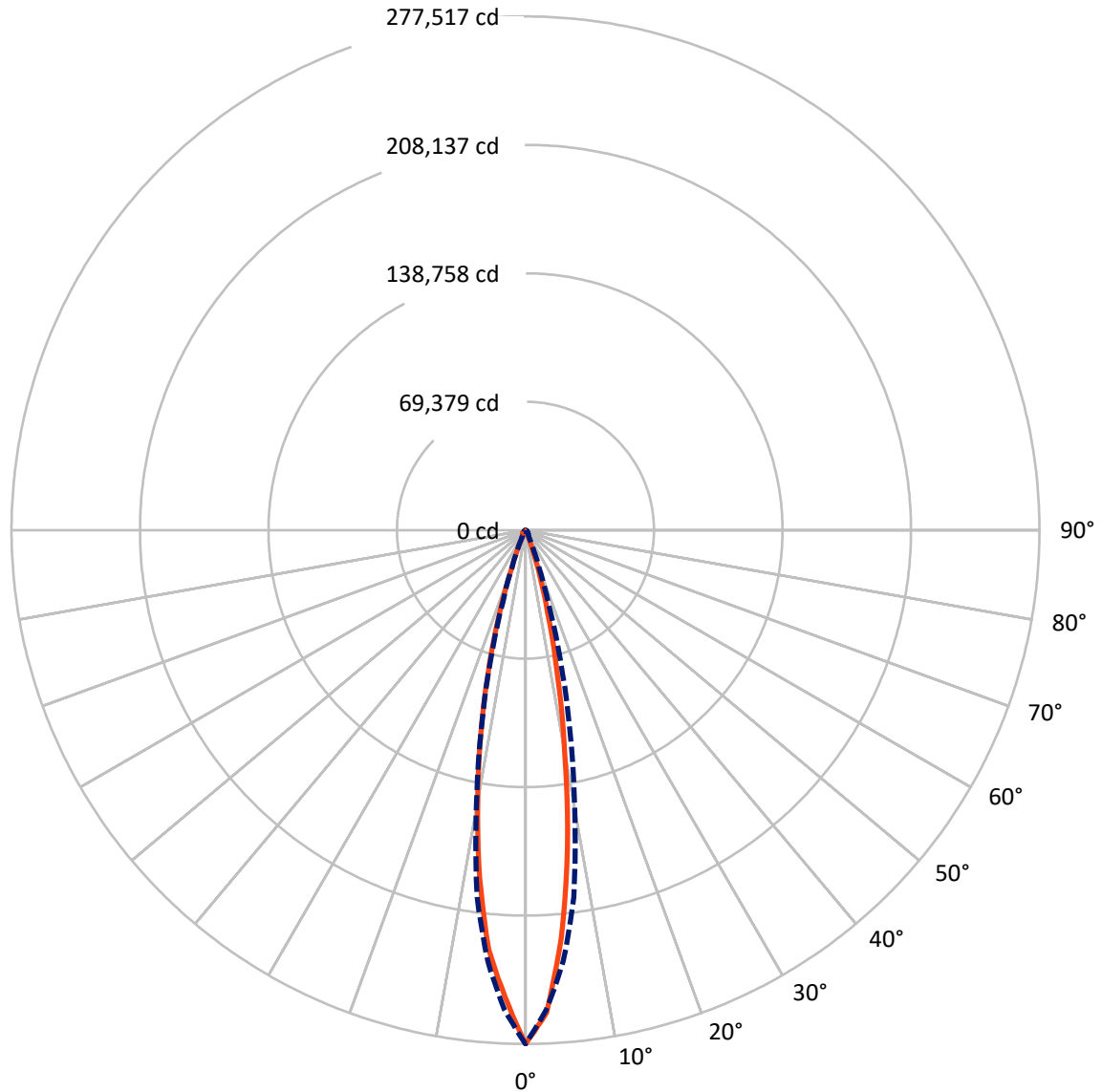
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### Lumen Table

90	0.1	0.2		0.4		0.4		0.4		0.4		0.4		0.2		0.1			
80	0.1	0.2		0.4		0.4		0.4		0.4		0.4		0.2		0.1			
70	0.1	0.1	0.1	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.3	0.4	0.6	0.8	0.9	0.9	0.8	0.6	0.4	0.3	0.3	0.1	0.1			
40		0.1	0.6	1.2	2.5	4.0	4.9	5.6	5.6	4.9	4.0	2.5	1.2	0.6	0.1				
30	0.1	0.3	1.8	6.0	15.9	23.4	41.0	90.2	90.2	41.0	23.4	15.9	6.0	1.8	0.3	0.1			
20		0.6	4.0	15.5	36.5	71.4	444.0	1385.3	1385.3	444.0	71.4	36.5	15.5	4.0	0.6				
10	0.2	1.1	6.9	28.7	59.7	192.3	1814.5	5404.7	5404.7	1814.5	192.3	59.7	28.7	6.9	1.1	0.2			
0		1.8	9.0	33.7	66.8	192.9	1923.0	5634.8	5634.8	1923.0	192.9	66.8	33.7	9.0	1.8				
-10	0.4	2.1	9.1	31.1	66.0	110.3	708.0	2043.3	2043.3	708.0	110.3	66.0	31.1	9.1	2.1	0.4			
-20		2.0	7.7	18.6	46.9	69.0	107.8	211.0	211.0	107.8	69.0	46.9	18.6	7.7	2.0				
-30	0.3	1.7	5.7	11.6	26.0	49.7	64.3	70.7	70.7	64.3	49.7	26.0	11.6	5.7	1.7	0.3			
-40		1.1	3.9	8.6	14.7	24.3	42.2	57.0	57.0	42.2	24.3	14.7	8.6	3.9	1.1				
-50	0.2	0.5	2.3	5.6	10.2	15.3	19.5	21.9	21.9	19.5	15.3	10.2	5.6	2.3	0.5	0.2			
-60		0.2	0.8	2.6	5.4	8.8	12.3	14.5	14.5	12.3	8.8	5.4	2.6	0.8	0.2				
-70	0.1	0.7		2.0		5.0		7.2		5.0		2.0		0.7		0.1			
-80		0.7		2.0		5.0		7.2		5.0		2.0		0.7					
-90	0.1	0.7		2.0		5.0		7.2		5.0		2.0		0.7		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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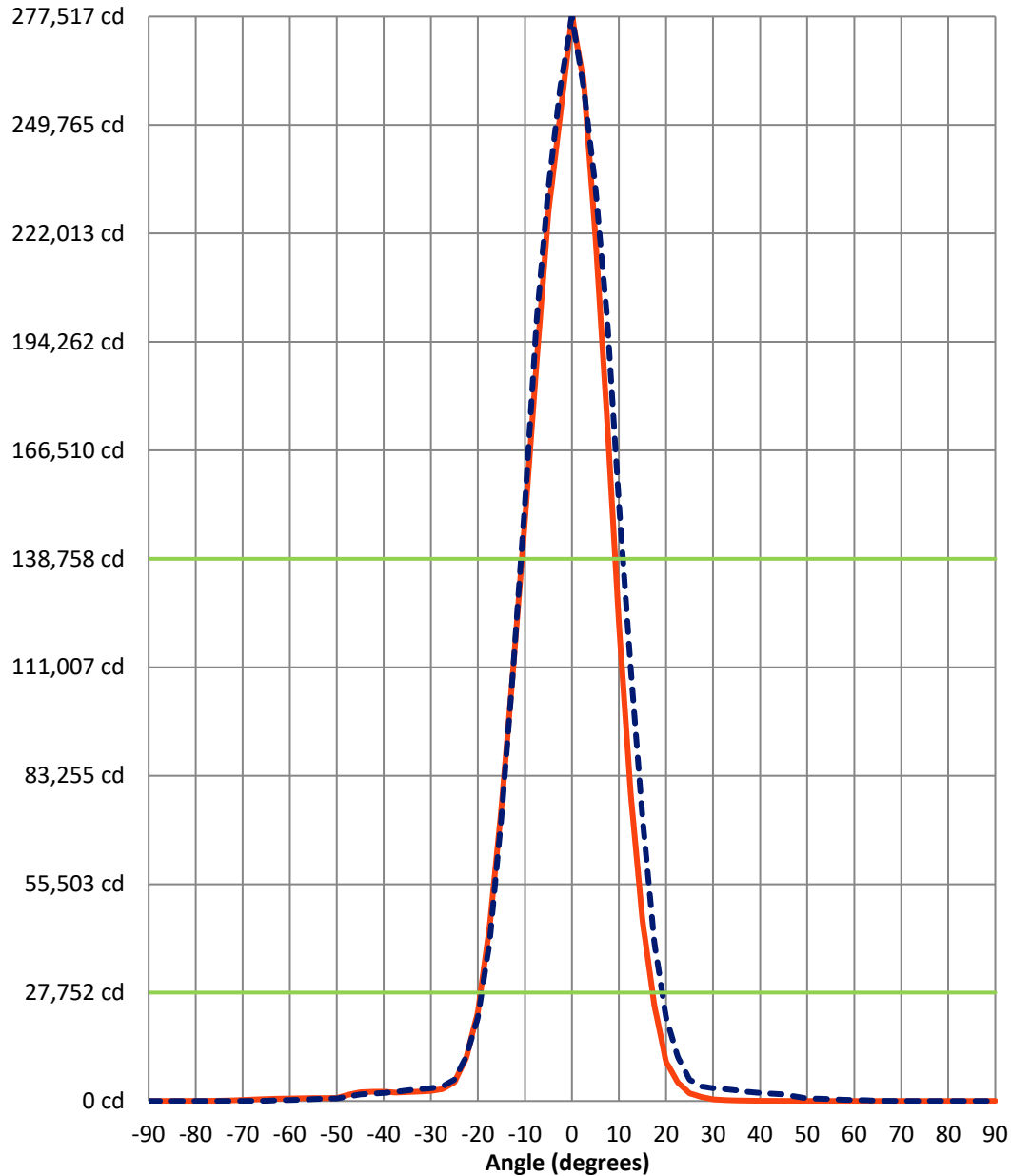
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.7°  
V Angle: 19.8°  
Lumens: 19860.1  
Efficiency: 46.2%

**Field:**  
H Angle: 38.4°  
V Angle: 36.6°  
Lumens: 37048.4  
Efficiency: 86.2%

**Spill:**  
Lumens: 5911.8  
Efficiency: 13.8%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.5	4.5	4.5	4.8	5.1	5.3	5.6	5.6	5.6	5.6	5.6
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.1	4.0	3.9
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	4.3
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.6
65°	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.7	4.9	4.7
62.5°	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.7	5.0	5.0	4.8
60°	4.5	4.5	4.5	4.5	4.5	4.7	4.7	5.0	5.3	5.1	4.8
57.5°	4.5	4.5	4.5	4.5	4.6	4.8	4.9	5.3	5.4	5.1	4.9
55°	4.5	4.5	4.5	4.5	4.7	4.9	5.1	5.6	5.4	5.2	5.0
52.5°	4.5	4.5	4.5	4.5	4.8	5.1	5.3	5.6	5.5	5.2	5.0
50°	4.5	4.5	4.6	4.5	5.0	5.2	5.5	5.6	5.5	5.3	5.9
47.5°	4.5	4.5	4.6	4.5	5.1	5.3	5.6	5.6	5.6	5.4	6.7
45°	4.5	4.5	4.6	4.6	5.2	5.4	5.6	5.6	5.6	5.9	7.3
42.5°	4.5	4.5	4.7	4.7	5.4	5.5	5.6	5.6	5.7	6.3	8.2
40°	4.5	4.5	4.7	4.9	5.4	5.5	5.6	5.7	5.9	6.5	9.1
37.5°	4.5	4.5	4.8	5.0	5.5	5.6	5.6	5.8	6.4	7.2	9.8
35°	4.5	4.5	4.8	5.1	5.5	5.6	5.6	6.0	6.9	8.4	10.2
32.5°	4.5	4.5	4.8	5.2	5.6	5.6	5.6	6.1	7.4	9.6	11.2
30°	4.5	4.5	4.9	5.3	5.6	5.6	5.7	6.4	8.1	10.9	12.3
27.5°	4.5	4.5	5.0	5.3	5.6	5.6	5.9	6.8	8.9	12.2	13.6
25°	4.5	4.5	5.0	5.4	5.6	5.6	6.0	7.3	9.9	13.3	15.2
22.5°	4.5	4.5	5.1	5.5	5.6	5.6	6.1	7.8	10.9	14.5	18.1
20°	4.5	4.5	5.1	5.5	5.6	5.7	6.3	8.3	12.0	15.8	20.8
17.5°	4.5	4.5	5.2	5.5	5.6	5.8	6.5	8.9	13.0	17.1	23.4
15°	4.5	4.5	5.3	5.6	5.6	5.9	6.7	9.3	13.9	18.5	25.8
12.5°	4.5	4.5	5.3	5.6	5.6	6.0	6.9	9.8	14.9	19.9	28.1
10°	4.5	4.5	5.4	5.6	5.6	6.2	7.1	10.1	15.8	22.1	31.5
7.5°	4.5	4.5	5.4	5.6	5.6	6.3	7.3	10.5	16.7	24.5	37.8
5°	4.5	4.5	5.5	5.6	5.6	6.4	7.5	10.8	17.6	26.9	44.4
2.5°	4.5	4.5	5.5	5.6	5.6	6.6	7.6	11.0	18.3	29.2	50.9
0°	4.5	4.5	5.6	5.6	5.6	6.7	7.8	11.2	19.0	31.4	57.1
-2.5°	4.5	4.5	5.6	5.7	5.7	6.9	8.7	13.8	24.6	41.0	73.7
-5°	4.5	4.5	5.6	5.7	5.8	7.2	9.6	16.3	30.0	50.2	89.5
-7.5°	4.5	4.6	5.6	5.8	5.9	7.4	10.4	18.6	35.0	58.7	103.8
-10°	4.5	4.6	5.6	5.9	6.0	7.6	11.1	20.7	39.4	66.4	116.5
-12.5°	4.5	4.6	5.6	5.9	6.1	7.8	11.7	22.4	43.2	73.1	124.0
-15°	4.5	4.6	5.5	6.0	6.2	7.9	12.2	23.7	46.5	78.4	128.4
-17.5°	4.5	4.7	5.5	6.0	6.3	8.0	12.6	25.3	49.7	82.7	131.5
-20°	4.5	4.7	5.5	6.1	6.4	8.0	13.0	26.7	52.0	86.0	133.0



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 CATALOG NUMBER: EPH-08-320N-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	4.7	5.5	6.1	6.4	8.1	13.4	27.5	53.4	88.2	132.9
-25°	4.5	4.7	5.5	6.1	6.5	8.2	13.6	27.4	53.9	89.3	131.2
-27.5°	4.5	4.7	5.5	6.1	6.6	8.3	13.5	26.6	53.4	89.4	131.8
-30°	4.5	4.7	5.5	6.1	6.7	8.3	13.1	24.8	52.3	88.6	131.1
-32.5°	4.5	4.7	5.4	6.1	6.8	8.3	12.3	23.9	50.3	86.4	128.8
-35°	4.5	4.8	5.4	6.0	6.9	8.2	12.0	23.0	47.0	82.9	125.0
-37.5°	4.5	4.8	5.4	6.0	7.0	8.2	11.8	21.6	42.4	77.9	115.4
-40°	4.5	4.8	5.4	5.9	7.1	8.3	11.6	19.7	36.5	71.6	104.8
-42.5°	4.5	4.8	5.4	5.8	7.0	8.3	11.3	17.2	32.4	61.7	93.3
-45°	4.5	4.8	5.4	5.8	6.9	8.3	10.8	15.3	29.0	51.0	80.9
-47.5°	4.5	4.8	5.4	5.7	6.8	8.2	10.3	14.6	24.9	39.9	68.4
-50°	4.5	4.8	5.4	5.7	6.7	8.1	10.0	13.9	19.7	34.0	55.4
-52.5°	4.5	4.8	5.4	5.7	6.5	7.9	9.8	12.9	17.2	27.7	42.5
-55°	4.5	4.8	5.4	5.7	6.4	7.7	9.4	11.9	15.8	20.8	34.6
-57.5°	4.5	4.7	5.4	5.7	6.2	7.4	9.0	11.3	14.3	17.9	26.2
-60°	4.5	4.7	5.5	5.7	6.0	7.1	8.5	10.6	12.9	16.2	19.6
-62.5°	4.5	4.7	5.4	5.7	6.0	6.8	8.1	9.8	12.1	14.5	17.6
-65°	4.5	4.7	5.3	5.7	5.9	6.5	7.6	9.1	11.2	13.3	15.6
-67.5°	4.5	4.7	5.3	5.6	5.8	6.3	7.2	8.6	10.2	12.2	14.2
-70°	4.5	4.7	5.2	5.6	5.8	6.1	6.7	8.0	9.6	11.1	13.0
-72.5°	4.5	4.7	5.1	5.5	5.7	6.0	6.4	7.5	8.9	10.4	11.8
-75°	4.5	4.6	5.0	5.4	5.6	5.8	6.2	7.1	8.3	9.6	11.0
-77.5°	4.5	4.6	5.0	5.3	5.5	5.7	5.9	6.7	7.8	8.9	10.1
-80°	4.5	4.6	4.9	5.2	5.4	5.6	5.6	6.4	7.2	8.2	9.3
-82.5°	4.5	4.6	4.8	5.1	5.3	5.5	5.6	6.1	6.7	7.5	8.4
-85°	4.5	4.5	4.7	5.0	5.2	5.4	5.6	5.9	6.3	6.8	7.4
-87.5°	4.5	4.5	4.6	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.4



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.6	5.6	5.6	5.6	5.9	6.2	6.4	6.7	7.0	7.3	7.5
87.5°	3.8	3.7	3.5	3.4	3.4	3.4	3.4	3.4	3.1	2.8	2.5
85°	4.2	4.0	3.7	3.4	3.4	3.4	3.4	3.4	3.1	2.8	2.5
82.5°	4.2	4.0	3.7	3.4	3.4	3.4	3.4	3.4	3.1	2.8	2.5
80°	4.3	4.0	3.7	3.4	3.4	3.4	3.4	3.4	3.2	2.9	2.7
77.5°	4.3	4.0	3.7	3.5	3.4	3.6	3.8	4.0	3.9	3.8	3.7
75°	4.3	4.0	3.9	3.9	4.1	4.3	4.5	4.5	4.3	4.1	3.8
72.5°	4.4	4.3	4.3	4.5	4.5	4.5	4.5	4.5	5.0	5.8	6.4
70°	4.5	4.5	4.5	4.5	4.5	4.8	5.9	7.5	9.1	10.3	11.8
67.5°	4.5	4.5	4.5	4.6	5.4	6.7	8.5	12.9	18.0	19.6	19.6
65°	4.5	4.5	4.8	5.5	6.6	10.0	14.9	20.9	25.4	24.7	23.1
62.5°	4.5	4.7	5.2	6.9	10.0	14.5	19.2	23.6	27.9	27.2	23.7
60°	4.6	4.8	6.6	9.8	13.2	16.8	21.3	24.1	26.9	27.7	21.9
57.5°	4.6	5.8	8.9	12.2	15.3	18.0	19.7	22.2	23.8	24.1	18.0
55°	5.3	7.6	10.9	14.2	16.4	15.7	17.0	18.5	19.1	17.6	12.7
52.5°	6.7	9.3	12.6	15.3	15.7	14.5	14.1	14.8	13.7	11.7	10.1
50°	7.9	10.9	14.1	15.7	15.3	13.7	11.7	11.4	11.0	10.2	9.3
47.5°	9.2	12.3	15.2	16.2	15.1	13.7	11.3	11.0	11.0	11.7	11.1
45°	10.3	13.3	16.2	16.3	15.5	14.4	13.4	12.2	14.4	15.1	15.0
42.5°	11.4	13.8	16.4	16.7	17.1	16.9	16.5	17.7	19.0	20.2	20.6
40°	11.8	14.2	17.3	19.5	19.5	20.4	22.7	24.8	24.9	26.4	27.3
37.5°	12.0	15.6	19.8	24.7	23.2	26.0	29.8	35.6	36.5	33.1	37.8
35°	11.9	17.6	26.4	32.2	31.4	33.3	42.4	51.0	54.8	49.3	56.9
32.5°	13.1	20.1	34.9	41.1	46.7	48.9	57.7	74.7	84.1	87.7	94.1
30°	15.9	28.0	44.7	51.4	67.3	77.9	85.3	105.6	122.9	175.4	214.4
27.5°	19.5	37.6	54.5	69.7	93.2	111.5	127.4	148.3	211.8	307.5	406.9
25°	22.9	50.5	65.2	93.5	125.4	150.1	171.9	201.5	334.6	530.7	614.4
22.5°	29.8	65.3	82.2	120.2	160.5	189.7	221.5	301.3	481.2	775.8	810.3
20°	41.0	79.6	105.5	150.2	199.4	229.5	271.6	406.1	647.2	872.2	965.6
17.5°	53.1	95.2	131.0	185.7	245.3	279.4	328.6	507.1	790.1	990.5	1115.7
15°	65.7	111.9	155.5	224.5	293.8	340.9	442.7	645.7	903.1	1129.1	1311.6
12.5°	78.5	129.1	178.9	265.7	344.7	401.6	580.9	857.2	1092.3	1304.0	1551.7
10°	91.2	146.6	201.0	308.0	396.9	461.2	733.2	1072.1	1302.9	1509.9	1763.9
7.5°	116.5	170.2	224.4	350.2	449.4	519.3	892.3	1285.7	1496.1	1690.4	1939.6
5°	144.1	199.2	260.3	400.5	501.9	572.9	1037.2	1492.2	1674.3	1849.5	2092.9
2.5°	171.0	226.8	295.0	448.8	552.2	619.3	1111.4	1605.6	1787.5	1971.4	2225.2
0°	196.0	253.1	328.1	492.7	599.0	662.9	1165.6	1700.9	1882.2	2073.7	2341.3
-2.5°	216.8	279.8	363.0	513.5	612.0	674.0	1147.8	1699.9	1917.5	2130.3	2407.1
-5°	234.2	304.8	395.2	530.8	622.5	683.1	1112.6	1673.0	1946.7	2175.5	2456.8
-7.5°	247.8	327.7	424.1	544.2	628.9	687.7	1097.1	1684.2	1998.7	2215.2	2489.2
-10°	255.2	336.9	426.3	543.7	630.1	688.7	1062.8	1661.2	2041.9	2250.5	2503.0
-12.5°	245.3	333.1	420.7	538.1	630.4	688.3	996.9	1600.2	2077.3	2284.2	2490.5
-15°	234.2	327.3	411.7	527.1	630.5	686.6	896.1	1498.6	2057.3	2224.0	2438.2
-17.5°	222.7	319.7	399.0	510.3	630.8	683.9	752.9	1280.6	1856.6	2096.5	2354.0
-20°	211.2	310.0	382.5	487.6	627.4	665.6	697.6	1059.2	1563.9	1934.4	2194.6



REPORT NUMBER: P1306114 (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°	200.2	298.4	365.7	465.8	578.8	634.0	664.4	845.0	1262.6	1737.3	1956.4
-25°	194.3	281.2	351.2	432.5	528.0	601.1	627.3	664.8	996.5	1425.8	1739.1
-27.5°	191.2	266.3	331.7	399.4	481.0	561.7	590.0	622.6	791.4	1120.9	1510.8
-30°	186.2	247.2	311.2	369.2	442.1	511.1	552.5	589.8	635.6	883.2	1191.5
-32.5°	175.0	227.4	288.9	345.4	406.0	467.0	525.3	565.9	603.3	670.4	914.3
-35°	161.9	210.7	265.7	320.8	371.9	431.5	492.0	545.3	575.5	606.7	714.3
-37.5°	151.0	192.9	242.0	295.2	344.4	398.4	457.2	513.4	555.2	583.7	624.5
-40°	139.2	174.2	220.6	269.1	317.2	366.0	420.1	474.8	526.9	570.5	603.4
-42.5°	126.5	160.2	199.3	242.8	288.8	334.6	381.8	433.8	488.8	545.6	588.2
-45°	112.7	145.5	178.0	218.7	259.5	302.2	346.0	392.0	447.6	502.0	556.0
-47.5°	97.9	129.6	161.1	194.3	232.0	270.0	309.2	356.0	404.9	456.3	507.0
-50°	82.4	112.1	143.5	173.8	205.9	239.6	274.5	320.6	367.2	411.7	457.2
-52.5°	67.5	93.4	123.6	154.2	182.6	212.2	245.7	286.2	329.7	372.8	413.4
-55°	52.1	76.1	102.0	131.5	160.8	187.2	218.8	254.7	291.5	332.4	371.7
-57.5°	40.2	58.5	81.3	106.5	134.8	163.9	193.9	224.2	257.8	292.4	326.2
-60°	30.0	43.3	60.7	82.5	106.0	134.4	167.2	197.2	225.7	254.0	284.9
-62.5°	20.8	31.3	43.5	58.6	79.1	102.4	130.6	161.7	194.8	219.9	244.6
-65°	18.6	21.5	29.9	41.2	52.5	71.9	94.3	118.8	146.9	172.5	199.3
-67.5°	16.3	18.8	21.5	26.0	36.1	46.8	58.2	78.1	99.5	117.8	136.9
-70°	14.7	16.3	18.5	21.0	23.5	27.9	37.2	47.2	57.1	67.8	83.1
-72.5°	13.3	14.7	16.1	17.5	19.6	21.8	23.9	26.0	31.7	39.4	46.5
-75°	12.0	13.2	14.5	15.8	16.9	18.1	19.6	21.4	23.2	25.0	26.9
-77.5°	10.9	11.7	12.6	13.8	14.7	15.5	16.4	17.4	18.6	19.7	20.7
-80°	9.7	10.1	10.6	11.4	12.2	12.9	13.5	14.0	14.6	15.4	16.3
-82.5°	8.7	8.9	9.2	9.5	9.9	10.4	11.0	11.6	12.0	12.4	12.8
-85°	7.6	7.8	8.0	8.1	8.4	8.6	8.9	9.2	9.4	9.6	9.8
-87.5°	6.6	6.7	6.8	6.9	7.0	7.2	7.4	7.5	7.6	7.7	7.7
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	2.8	2.5



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.8	7.8	7.8	7.8	7.8	9.5	11.2	12.9	14.6	17.1	19.6
87.5°	2.2	2.2	2.1	2.1	2.1	1.9	1.6	1.4	1.1	0.8	0.6
85°	2.2	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	1.1	1.1
82.5°	2.2	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	1.1	1.1
80°	2.6	2.5	2.5	2.4	2.2	2.0	1.7	1.4	1.1	1.1	1.1
77.5°	3.5	3.2	2.9	2.6	2.3	2.1	2.0	2.0	2.0	1.9	1.6
75°	3.5	3.4	3.5	3.3	2.9	2.7	2.6	2.5	2.2	2.2	2.2
72.5°	6.7	6.8	6.3	6.0	5.4	5.1	4.9	4.6	4.1	3.9	3.8
70°	12.3	12.1	11.6	10.6	9.1	7.8	7.1	6.4	5.6	5.3	5.4
67.5°	17.9	16.0	14.5	12.8	10.6	9.0	8.1	7.1	6.1	5.6	5.6
65°	20.7	16.9	14.4	12.5	11.1	9.5	8.0	6.7	5.4	4.9	5.0
62.5°	19.6	14.6	11.6	9.8	8.5	7.6	6.5	5.6	4.9	4.5	4.6
60°	16.3	10.9	8.2	7.3	6.5	5.7	5.3	4.8	4.3	3.8	3.9
57.5°	12.6	8.7	6.6	6.3	6.0	5.7	5.3	4.8	4.4	4.1	4.3
55°	9.4	7.8	6.7	6.8	6.7	6.1	5.5	5.5	5.3	5.2	5.3
52.5°	8.3	8.2	8.5	8.4	7.6	7.0	6.6	6.6	6.7	6.9	7.2
50°	9.4	9.7	9.6	8.8	8.6	8.3	7.8	8.3	8.9	9.2	9.4
47.5°	11.2	11.4	11.5	10.8	10.9	11.7	11.9	12.3	13.5	14.4	15.3
45°	14.3	15.6	15.9	16.4	16.6	18.4	19.2	19.7	23.2	24.8	25.0
42.5°	20.7	22.7	24.2	26.6	26.2	30.4	35.8	38.7	38.5	37.4	37.3
40°	30.3	33.7	41.0	44.9	49.2	54.1	54.6	48.6	48.7	54.7	54.4
37.5°	46.7	58.2	68.6	77.9	80.2	77.4	78.4	82.9	88.4	88.9	91.5
35°	78.8	102.0	107.4	114.5	122.3	114.9	113.9	121.3	118.8	131.4	140.4
32.5°	136.2	169.1	179.2	187.7	209.5	196.9	162.2	212.7	201.4	215.4	236.9
30°	216.6	281.5	325.0	338.0	343.5	345.0	377.7	406.7	429.6	460.2	503.6
27.5°	410.3	453.2	525.6	566.3	515.2	536.3	620.2	635.4	721.9	815.8	892.9
25°	623.9	672.1	801.0	817.2	774.5	853.1	934.2	951.0	1103.5	1214.1	1479.0
22.5°	817.0	897.8	1035.7	1074.9	1110.6	1203.9	1298.1	1410.6	1754.1	2180.0	2952.9
20°	980.4	1070.6	1205.5	1314.4	1403.3	1522.3	1632.2	2016.1	2755.9	4374.1	6134.2
17.5°	1178.3	1234.1	1400.9	1546.5	1685.8	1856.4	2341.9	3311.6	5453.3	8979.2	12320.9
15°	1444.8	1556.0	1659.4	1817.0	2077.2	2573.5	3644.7	6803.2	11284.0	17433.9	25051.3
12.5°	1752.2	1905.4	2048.9	2182.6	2555.9	3726.4	7144.6	12621.8	20154.1	30033.3	44983.1
10°	2026.7	2260.8	2436.9	2670.1	3393.2	5669.4	10946.2	18689.6	31925.2	49380.8	68890.4
7.5°	2217.3	2495.4	2732.9	3079.7	4258.8	8115.0	15419.8	27478.5	46292.5	69812.9	96130.8
5°	2398.6	2712.2	2945.3	3371.9	4831.1	9813.9	18810.7	34804.4	60354.9	91433.7	125223.3
2.5°	2569.9	2903.6	3132.8	3633.7	5192.4	10588.1	20231.0	39358.7	69451.1	106264.0	146394.3
0°	2728.8	3044.5	3284.1	3756.7	5497.8	11331.5	21439.2	40827.2	72524.1	110630.4	152839.3
-2.5°	2699.1	2933.8	3199.1	3672.8	5207.3	10534.4	20031.2	39102.4	68916.3	105418.0	144243.0
-5°	2688.7	2879.1	3118.6	3547.9	4848.5	9102.5	17790.7	35208.2	63004.9	95900.2	132062.2
-7.5°	2696.6	2847.8	3035.1	3390.1	4415.3	7696.0	15468.2	30521.1	53480.5	81332.0	113987.8
-10°	2713.6	2830.5	3020.3	3332.7	4050.3	6151.3	11706.3	23515.2	42049.3	64201.6	89647.1
-12.5°	2742.9	2900.3	3090.9	3303.1	3683.5	4899.6	9206.6	18254.1	31089.9	46652.9	66014.7
-15°	2732.8	2935.9	3151.1	3282.2	3489.3	4166.2	5971.8	12053.0	21511.6	31833.3	43550.8
-17.5°	2659.2	2902.4	2996.9	3098.6	3224.6	3558.1	4565.9	7269.4	12655.5	19437.4	26029.8
-20°	2488.3	2611.3	2729.6	2851.0	2990.5	3174.5	3488.0	4541.1	6118.3	9966.7	13183.9



REPORT NUMBER: P1306114 (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°	2167.6	2286.0	2388.4	2585.3	2726.1	2861.4	3034.0	3261.9	3868.5	4821.4	6405.0
-25°	1892.4	1965.4	2109.6	2339.4	2490.8	2571.7	2680.0	2766.5	2974.4	3195.7	3742.7
-27.5°	1672.5	1781.9	1959.6	2160.9	2305.9	2371.1	2428.0	2478.8	2609.4	2699.9	2855.2
-30°	1498.6	1675.6	1842.1	2026.4	2159.7	2237.1	2261.4	2334.7	2419.8	2484.4	2547.4
-32.5°	1249.0	1560.4	1711.9	1864.5	2015.1	2110.4	2175.7	2233.5	2313.4	2363.0	2387.7
-35°	980.2	1299.1	1597.3	1699.6	1809.2	1946.0	2057.5	2116.3	2168.8	2216.6	2246.8
-37.5°	739.7	1001.0	1278.6	1528.2	1645.5	1747.9	1909.9	2008.1	2055.7	2127.0	2167.5
-40°	641.6	715.7	952.5	1186.3	1396.7	1629.9	1787.6	1938.8	2088.4	2180.0	2239.4
-42.5°	619.6	649.8	677.9	841.8	1052.1	1263.4	1495.8	1752.3	1966.9	2128.5	2278.6
-45°	601.8	624.8	647.4	673.1	697.8	859.4	1041.0	1232.3	1479.1	1718.2	1924.6
-47.5°	555.9	599.5	625.0	644.3	664.4	686.8	707.4	750.8	916.7	1093.3	1260.9
-50°	503.8	547.0	585.7	621.5	647.4	664.7	677.7	694.7	714.5	732.1	748.3
-52.5°	452.5	494.3	533.7	572.6	609.1	642.7	673.7	693.3	708.4	721.6	729.8
-55°	409.3	445.5	480.7	519.2	556.7	592.4	626.1	656.4	684.9	711.5	726.8
-57.5°	362.1	397.7	433.0	468.5	502.7	535.6	568.1	599.8	629.9	657.3	674.0
-60°	315.4	345.3	380.4	416.9	451.0	482.8	515.2	545.9	574.3	598.5	613.3
-62.5°	271.5	299.4	328.6	361.0	396.1	430.4	459.2	488.3	517.3	542.3	559.4
-65°	225.1	248.4	272.1	297.5	324.3	352.4	381.2	409.5	437.2	459.8	476.0
-67.5°	159.2	182.5	205.0	227.6	248.2	268.9	291.0	313.3	335.4	353.6	368.0
-70°	98.1	112.7	126.3	141.0	158.2	176.2	194.6	211.8	227.7	239.6	248.3
-72.5°	53.0	58.8	65.8	76.8	87.0	97.8	108.9	119.6	129.6	137.0	142.6
-75°	29.0	31.6	36.2	40.5	44.5	49.2	54.1	58.7	62.9	67.1	71.0
-77.5°	22.0	23.3	24.5	25.5	26.5	28.1	30.1	32.0	33.9	36.4	39.1
-80°	17.2	17.8	18.5	19.2	19.8	21.0	22.2	23.4	24.6	25.8	27.0
-82.5°	13.2	13.6	13.9	14.2	14.4	15.2	15.9	16.7	17.4	18.6	19.9
-85°	10.0	10.2	10.4	10.6	10.8	11.4	12.0	12.6	13.2	14.1	15.0
-87.5°	7.8	8.1	8.3	8.6	8.9	9.3	9.6	10.0	10.3	11.1	11.9
-90°	2.2	1.9	1.7	1.4	1.1	1.1	1.1	1.1	1.1	0.8	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°	22.1	24.6	26.3	28.0	26.3	24.6	22.1	19.6	17.1	14.6	12.9
87.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.4
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
77.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.6	1.9	2.0	2.0
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5
72.5°	3.6	3.4	3.4	3.4	3.4	3.4	3.6	3.8	3.9	4.1	4.6
70°	5.5	5.5	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.6	6.4
67.5°	5.6	5.6	5.1	4.5	5.1	5.6	5.6	5.6	5.6	6.1	7.1
65°	5.3	5.5	5.1	4.5	5.1	5.5	5.3	5.0	4.9	5.4	6.7
62.5°	4.6	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.5	4.9	5.6
60°	4.1	4.4	4.5	4.5	4.5	4.4	4.1	3.9	3.8	4.3	4.8
57.5°	4.4	4.5	4.9	5.6	4.9	4.5	4.4	4.3	4.1	4.4	4.8
55°	5.4	5.5	5.6	5.6	5.6	5.5	5.4	5.3	5.2	5.3	5.5
52.5°	7.5	7.7	7.8	7.8	7.8	7.7	7.5	7.2	6.9	6.7	6.6
50°	9.7	9.9	9.7	9.0	9.7	9.9	9.7	9.4	9.2	8.9	8.3
47.5°	16.1	16.4	16.3	15.7	16.3	16.4	16.1	15.3	14.4	13.5	12.3
45°	25.6	25.7	25.6	25.8	25.6	25.7	25.6	25.0	24.8	23.2	19.7
42.5°	38.3	38.7	38.9	39.2	38.9	38.7	38.3	37.3	37.4	38.5	38.7
40°	55.4	55.7	55.1	53.7	55.1	55.7	55.4	54.4	54.7	48.7	48.6
37.5°	96.2	98.4	97.9	96.3	97.9	98.4	96.2	91.5	88.9	88.4	82.9
35°	143.7	142.4	138.6	138.8	138.6	142.4	143.7	140.4	131.4	118.8	121.3
32.5°	224.4	232.5	235.0	236.3	235.0	232.5	224.4	236.9	215.4	201.4	212.7
30°	534.2	518.1	446.4	424.4	446.4	518.1	534.2	503.6	460.2	429.6	406.7
27.5°	949.0	1000.1	1046.9	1051.4	1046.9	1000.1	949.0	892.9	815.8	721.9	635.4
25°	1752.6	1924.8	1997.3	1987.5	1997.3	1924.8	1752.6	1479.0	1214.1	1103.5	951.0
22.5°	3866.8	4454.3	4760.5	4771.1	4760.5	4454.3	3866.8	2952.9	2180.0	1754.1	1410.6
20°	8437.3	9855.3	10213.5	10106.6	10213.5	9855.3	8437.3	6134.2	4374.1	2755.9	2016.1
17.5°	17396.8	21591.7	24455.7	24652.8	24455.7	21591.7	17396.8	12320.9	8979.2	5453.3	3311.6
15°	33859.4	41570.6	45569.5	46248.8	45569.5	41570.6	33859.4	25051.3	17433.9	11284.0	6803.2
12.5°	59149.7	70886.8	77417.2	78534.8	77417.2	70886.8	59149.7	44983.1	30033.3	20154.1	12621.8
10°	90222.1	106592.4	117236.7	122041.4	117236.7	106592.4	90222.1	68890.4	49380.8	31925.2	18689.6
7.5°	122104.7	147894.9	168956.8	173732.1	168956.8	147894.9	122104.7	96130.8	69812.9	46292.5	27478.5
5°	161547.7	196128.3	216354.5	221025.6	216354.5	196128.3	161547.7	125223.3	91433.7	60354.9	34804.4
2.5°	190797.0	227977.1	249176.3	260826.0	249176.3	227977.1	190797.0	146394.3	106264.0	69451.1	39358.7
0°	199874.2	233705.3	259191.2	277516.5	259191.2	233705.3	199874.2	152839.3	110630.4	72524.1	40827.2
-2.5°	187588.0	223459.7	241952.4	252255.1	241952.4	223459.7	187588.0	144243.0	105418.0	68916.3	39102.4
-5°	168042.2	201016.3	221183.9	227401.3	221183.9	201016.3	168042.2	132062.2	95900.2	63004.9	35208.2
-7.5°	142434.5	166514.6	181618.2	189234.0	181618.2	166514.6	142434.5	113987.8	81332.0	53480.5	30521.1
-10°	114716.4	132992.1	144257.8	148471.2	144257.8	132992.1	114716.4	89647.1	64201.6	42049.3	23515.2
-12.5°	84022.5	98578.7	107233.7	110572.7	107233.7	98578.7	84022.5	66014.7	46652.9	31089.9	18254.1
-15°	55458.7	65951.6	72609.0	74933.8	72609.0	65951.6	55458.7	43550.8	31833.3	21511.6	12053.0
-17.5°	33613.5	39405.6	43715.1	44802.2	43715.1	39405.6	33613.5	26029.8	19437.4	12655.5	7269.4
-20°	17787.7	20394.1	21849.7	22834.4	21849.7	20394.1	17787.7	13183.9	9966.7	6118.3	4541.1



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8432.7	9852.1	10506.3	11005.7	10506.3	9852.1	8432.7	6405.0	4821.4	3868.5	3261.9
-25°	4220.3	4513.8	4641.7	4820.4	4641.7	4513.8	4220.3	3742.7	3195.7	2974.4	2766.5
-27.5°	2960.2	3029.0	3056.2	3078.1	3056.2	3029.0	2960.2	2855.2	2699.9	2609.4	2478.8
-30°	2579.6	2590.9	2589.3	2587.7	2589.3	2590.9	2579.6	2547.4	2484.4	2419.8	2334.7
-32.5°	2414.6	2426.6	2425.7	2424.2	2425.7	2426.6	2414.6	2387.7	2363.0	2313.4	2233.5
-35°	2266.1	2281.9	2289.7	2293.2	2289.7	2281.9	2266.1	2246.8	2216.6	2168.8	2116.3
-37.5°	2190.1	2193.5	2184.6	2174.5	2184.6	2193.5	2190.1	2167.5	2127.0	2055.7	2008.1
-40°	2268.7	2321.9	2375.3	2391.7	2375.3	2321.9	2268.7	2239.4	2180.0	2088.4	1938.8
-42.5°	2328.1	2362.3	2377.7	2372.7	2377.7	2362.3	2328.1	2278.6	2128.5	1966.9	1752.3
-45°	2060.9	2166.9	2229.7	2245.0	2229.7	2166.9	2060.9	1924.6	1718.2	1479.1	1232.3
-47.5°	1401.5	1520.2	1595.0	1619.1	1595.0	1520.2	1401.5	1260.9	1093.3	916.7	750.8
-50°	764.0	779.0	783.9	779.3	783.9	779.0	764.0	748.3	732.1	714.5	694.7
-52.5°	737.8	746.7	752.4	755.8	752.4	746.7	737.8	729.8	721.6	708.4	693.3
-55°	739.8	751.2	757.5	760.3	757.5	751.2	739.8	726.8	711.5	684.9	656.4
-57.5°	688.7	701.6	707.7	709.9	707.7	701.6	688.7	674.0	657.3	629.9	599.8
-60°	626.8	639.0	643.7	645.0	643.7	639.0	626.8	613.3	598.5	574.3	545.9
-62.5°	575.2	589.6	595.7	597.9	595.7	589.6	575.2	559.4	542.3	517.3	488.3
-65°	490.3	502.6	506.7	507.2	506.7	502.6	490.3	476.0	459.8	437.2	409.5
-67.5°	380.8	391.9	395.8	396.4	395.8	391.9	380.8	368.0	353.6	335.4	313.3
-70°	255.3	260.6	262.8	263.1	262.8	260.6	255.3	248.3	239.6	227.7	211.8
-72.5°	147.0	150.2	151.3	151.2	151.3	150.2	147.0	142.6	137.0	129.6	119.6
-75°	74.4	77.5	78.2	78.4	78.2	77.5	74.4	71.0	67.1	62.9	58.7
-77.5°	41.8	44.4	44.7	44.8	44.7	44.4	41.8	39.1	36.4	33.9	32.0
-80°	28.0	29.0	29.1	29.1	29.1	29.0	28.0	27.0	25.8	24.6	23.4
-82.5°	21.1	22.3	22.4	22.4	22.4	22.3	21.1	19.9	18.6	17.4	16.7
-85°	15.9	16.8	17.3	17.9	17.3	16.8	15.9	15.0	14.1	13.2	12.6
-87.5°	12.7	13.4	14.0	14.6	14.0	13.4	12.7	11.9	11.1	10.3	10.0
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	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°	11.2	9.5	7.8	7.8	7.8	7.8	7.8	7.5	7.3	7.0	6.7
87.5°	1.6	1.9	2.1	2.1	2.1	2.2	2.2	2.5	2.8	3.1	3.4
85°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.5	2.8	3.1	3.4
82.5°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.5	2.8	3.1	3.4
80°	1.7	2.0	2.2	2.4	2.5	2.5	2.6	2.7	2.9	3.2	3.4
77.5°	2.0	2.1	2.3	2.6	2.9	3.2	3.5	3.7	3.8	3.9	4.0
75°	2.6	2.7	2.9	3.3	3.5	3.4	3.5	3.8	4.1	4.3	4.5
72.5°	4.9	5.1	5.4	6.0	6.3	6.8	6.7	6.4	5.8	5.0	4.5
70°	7.1	7.8	9.1	10.6	11.6	12.1	12.3	11.8	10.3	9.1	7.5
67.5°	8.1	9.0	10.6	12.8	14.5	16.0	17.9	19.6	19.6	18.0	12.9
65°	8.0	9.5	11.1	12.5	14.4	16.9	20.7	23.1	24.7	25.4	20.9
62.5°	6.5	7.6	8.5	9.8	11.6	14.6	19.6	23.7	27.2	27.9	23.6
60°	5.3	5.7	6.5	7.3	8.2	10.9	16.3	21.9	27.7	26.9	24.1
57.5°	5.3	5.7	6.0	6.3	6.6	8.7	12.6	18.0	24.1	23.8	22.2
55°	5.5	6.1	6.7	6.8	6.7	7.8	9.4	12.7	17.6	19.1	18.5
52.5°	6.6	7.0	7.6	8.4	8.5	8.2	8.3	10.1	11.7	13.7	14.8
50°	7.8	8.3	8.6	8.8	9.6	9.7	9.4	9.3	10.2	11.0	11.4
47.5°	11.9	11.7	10.9	10.8	11.5	11.4	11.2	11.1	11.7	11.0	11.0
45°	19.2	18.4	16.6	16.4	15.9	15.6	14.3	15.0	15.1	14.4	12.2
42.5°	35.8	30.4	26.2	26.6	24.2	22.7	20.7	20.6	20.2	19.0	17.7
40°	54.6	54.1	49.2	44.9	41.0	33.7	30.3	27.3	26.4	24.9	24.8
37.5°	78.4	77.4	80.2	77.9	68.6	58.2	46.7	37.8	33.1	36.5	35.6
35°	113.9	114.9	122.3	114.5	107.4	102.0	78.8	56.9	49.3	54.8	51.0
32.5°	162.2	196.9	209.5	187.7	179.2	169.1	136.2	94.1	87.7	84.1	74.7
30°	377.7	345.0	343.5	338.0	325.0	281.5	216.6	214.4	175.4	122.9	105.6
27.5°	620.2	536.3	515.2	566.3	525.6	453.2	410.3	406.9	307.5	211.8	148.3
25°	934.2	853.1	774.5	817.2	801.0	672.1	623.9	614.4	530.7	334.6	201.5
22.5°	1298.1	1203.9	1110.6	1074.9	1035.7	897.8	817.0	810.3	775.8	481.2	301.3
20°	1632.2	1522.3	1403.3	1314.4	1205.5	1070.6	980.4	965.6	872.2	647.2	406.1
17.5°	2341.9	1856.4	1685.8	1546.5	1400.9	1234.1	1178.3	1115.7	990.5	790.1	507.1
15°	3644.7	2573.5	2077.2	1817.0	1659.4	1556.0	1444.8	1311.6	1129.1	903.1	645.7
12.5°	7144.6	3726.4	2555.9	2182.6	2048.9	1905.4	1752.2	1551.7	1304.0	1092.3	857.2
10°	10946.2	5669.4	3393.2	2670.1	2436.9	2260.8	2026.7	1763.9	1509.9	1302.9	1072.1
7.5°	15419.8	8115.0	4258.8	3079.7	2732.9	2495.4	2217.3	1939.6	1690.4	1496.1	1285.7
5°	18810.7	9813.9	4831.1	3371.9	2945.3	2712.2	2398.6	2092.9	1849.5	1674.3	1492.2
2.5°	20231.0	10588.1	5192.4	3633.7	3132.8	2903.6	2569.9	2225.2	1971.4	1787.5	1605.6
0°	<b>21439.2</b>	<b>11331.5</b>	<b>5497.8</b>	<b>3756.7</b>	<b>3284.1</b>	<b>3044.5</b>	<b>2728.8</b>	<b>2341.3</b>	<b>2073.7</b>	<b>1882.2</b>	<b>1700.9</b>
-2.5°	20031.2	10534.4	5207.3	3672.8	3199.1	2933.8	2699.1	2407.1	2130.3	1917.5	1699.9
-5°	17790.7	9102.5	4848.5	3547.9	3118.6	2879.1	2688.7	2456.8	2175.5	1946.7	1673.0
-7.5°	15468.2	7696.0	4415.3	3390.1	3035.1	2847.8	2696.6	2489.2	2215.2	1998.7	1684.2
-10°	11706.3	6151.3	4050.3	3332.7	3020.3	2830.5	2713.6	2503.0	2250.5	2041.9	1661.2
-12.5°	9206.6	4899.6	3683.5	3303.1	3090.9	2900.3	2742.9	2490.5	2284.2	2077.3	1600.2
-15°	5971.8	4166.2	3489.3	3282.2	3151.1	2935.9	2732.8	2438.2	2224.0	2057.3	1498.6
-17.5°	4565.9	3558.1	3224.6	3098.6	2996.9	2902.4	2659.2	2354.0	2096.5	1856.6	1280.6
-20°	3488.0	3174.5	2990.5	2851.0	2729.6	2611.3	2488.3	2194.6	1934.4	1563.9	1059.2



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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°	3034.0	2861.4	2726.1	2585.3	2388.4	2286.0	2167.6	1956.4	1737.3	1262.6	845.0
-25°	2680.0	2571.7	2490.8	2339.4	2109.6	1965.4	1892.4	1739.1	1425.8	996.5	664.8
-27.5°	2428.0	2371.1	2305.9	2160.9	1959.6	1781.9	1672.5	1510.8	1120.9	791.4	622.6
-30°	2261.4	2237.1	2159.7	2026.4	1842.1	1675.6	1498.6	1191.5	883.2	635.6	589.8
-32.5°	2175.7	2110.4	2015.1	1864.5	1711.9	1560.4	1249.0	914.3	670.4	603.3	565.9
-35°	2057.5	1946.0	1809.2	1699.6	1597.3	1299.1	980.2	714.3	606.7	575.5	545.3
-37.5°	1909.9	1747.9	1645.5	1528.2	1278.6	1001.0	739.7	624.5	583.7	555.2	513.4
-40°	1787.6	1629.9	1396.7	1186.3	952.5	715.7	641.6	603.4	570.5	526.9	474.8
-42.5°	1495.8	1263.4	1052.1	841.8	677.9	649.8	619.6	588.2	545.6	488.8	433.8
-45°	1041.0	859.4	697.8	673.1	647.4	624.8	601.8	556.0	502.0	447.6	392.0
-47.5°	707.4	686.8	664.4	644.3	625.0	599.5	555.9	507.0	456.3	404.9	356.0
-50°	677.7	664.7	647.4	621.5	585.7	547.0	503.8	457.2	411.7	367.2	320.6
-52.5°	673.7	642.7	609.1	572.6	533.7	494.3	452.5	413.4	372.8	329.7	286.2
-55°	626.1	592.4	556.7	519.2	480.7	445.5	409.3	371.7	332.4	291.5	254.7
-57.5°	568.1	535.6	502.7	468.5	433.0	397.7	362.1	326.2	292.4	257.8	224.2
-60°	515.2	482.8	451.0	416.9	380.4	345.3	315.4	284.9	254.0	225.7	197.2
-62.5°	459.2	430.4	396.1	361.0	328.6	299.4	271.5	244.6	219.9	194.8	161.7
-65°	381.2	352.4	324.3	297.5	272.1	248.4	225.1	199.3	172.5	146.9	118.8
-67.5°	291.0	268.9	248.2	227.6	205.0	182.5	159.2	136.9	117.8	99.5	78.1
-70°	194.6	176.2	158.2	141.0	126.3	112.7	98.1	83.1	67.8	57.1	47.2
-72.5°	108.9	97.8	87.0	76.8	65.8	58.8	53.0	46.5	39.4	31.7	26.0
-75°	54.1	49.2	44.5	40.5	36.2	31.6	29.0	26.9	25.0	23.2	21.4
-77.5°	30.1	28.1	26.5	25.5	24.5	23.3	22.0	20.7	19.7	18.6	17.4
-80°	22.2	21.0	19.8	19.2	18.5	17.8	17.2	16.3	15.4	14.6	14.0
-82.5°	15.9	15.2	14.4	14.2	13.9	13.6	13.2	12.8	12.4	12.0	11.6
-85°	12.0	11.4	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2
-87.5°	9.6	9.3	8.9	8.6	8.3	8.1	7.8	7.7	7.7	7.6	7.5
-90°	1.1	1.1	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.1	3.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.4	6.2	5.9	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
87.5°	3.4	3.4	3.4	3.4	3.5	3.7	3.8	3.9	4.0	4.1	4.3
85°	3.4	3.4	3.4	3.4	3.7	4.0	4.2	4.3	4.3	4.3	4.4
82.5°	3.4	3.4	3.4	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5
80°	3.4	3.4	3.4	3.4	3.7	4.0	4.3	4.5	4.5	4.5	4.5
77.5°	3.8	3.6	3.4	3.5	3.7	4.0	4.3	4.5	4.5	4.5	4.5
75°	4.5	4.3	4.1	3.9	3.9	4.0	4.3	4.5	4.5	4.5	4.5
72.5°	4.5	4.5	4.5	4.5	4.3	4.3	4.4	4.5	4.5	4.5	4.5
70°	5.9	4.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	8.5	6.7	5.4	4.6	4.5	4.5	4.5	4.6	4.7	4.5	4.5
65°	14.9	10.0	6.6	5.5	4.8	4.5	4.5	4.7	4.9	4.7	4.5
62.5°	19.2	14.5	10.0	6.9	5.2	4.7	4.5	4.8	5.0	5.0	4.7
60°	21.3	16.8	13.2	9.8	6.6	4.8	4.6	4.8	5.1	5.3	5.0
57.5°	19.7	18.0	15.3	12.2	8.9	5.8	4.6	4.9	5.1	5.4	5.3
55°	17.0	15.7	16.4	14.2	10.9	7.6	5.3	5.0	5.2	5.4	5.6
52.5°	14.1	14.5	15.7	15.3	12.6	9.3	6.7	5.0	5.2	5.5	5.6
50°	11.7	13.7	15.3	15.7	14.1	10.9	7.9	5.9	5.3	5.5	5.6
47.5°	11.3	13.7	15.1	16.2	15.2	12.3	9.2	6.7	5.4	5.6	5.6
45°	13.4	14.4	15.5	16.3	16.2	13.3	10.3	7.3	5.9	5.6	5.6
42.5°	16.5	16.9	17.1	16.7	16.4	13.8	11.4	8.2	6.3	5.7	5.6
40°	22.7	20.4	19.5	19.5	17.3	14.2	11.8	9.1	6.5	5.9	5.7
37.5°	29.8	26.0	23.2	24.7	19.8	15.6	12.0	9.8	7.2	6.4	5.8
35°	42.4	33.3	31.4	32.2	26.4	17.6	11.9	10.2	8.4	6.9	6.0
32.5°	57.7	48.9	46.7	41.1	34.9	20.1	13.1	11.2	9.6	7.4	6.1
30°	85.3	77.9	67.3	51.4	44.7	28.0	15.9	12.3	10.9	8.1	6.4
27.5°	127.4	111.5	93.2	69.7	54.5	37.6	19.5	13.6	12.2	8.9	6.8
25°	171.9	150.1	125.4	93.5	65.2	50.5	22.9	15.2	13.3	9.9	7.3
22.5°	221.5	189.7	160.5	120.2	82.2	65.3	29.8	18.1	14.5	10.9	7.8
20°	271.6	229.5	199.4	150.2	105.5	79.6	41.0	20.8	15.8	12.0	8.3
17.5°	328.6	279.4	245.3	185.7	131.0	95.2	53.1	23.4	17.1	13.0	8.9
15°	442.7	340.9	293.8	224.5	155.5	111.9	65.7	25.8	18.5	13.9	9.3
12.5°	580.9	401.6	344.7	265.7	178.9	129.1	78.5	28.1	19.9	14.9	9.8
10°	733.2	461.2	396.9	308.0	201.0	146.6	91.2	31.5	22.1	15.8	10.1
7.5°	892.3	519.3	449.4	350.2	224.4	170.2	116.5	37.8	24.5	16.7	10.5
5°	1037.2	572.9	501.9	400.5	260.3	199.2	144.1	44.4	26.9	17.6	10.8
2.5°	1111.4	619.3	552.2	448.8	295.0	226.8	171.0	50.9	29.2	18.3	11.0
0°	1165.6	662.9	599.0	492.7	328.1	253.1	196.0	57.1	31.4	19.0	11.2
-2.5°	1147.8	674.0	612.0	513.5	363.0	279.8	216.8	73.7	41.0	24.6	13.8
-5°	1112.6	683.1	622.5	530.8	395.2	304.8	234.2	89.5	50.2	30.0	16.3
-7.5°	1097.1	687.7	628.9	544.2	424.1	327.7	247.8	103.8	58.7	35.0	18.6
-10°	1062.8	688.7	630.1	543.7	426.3	336.9	255.2	116.5	66.4	39.4	20.7
-12.5°	996.9	688.3	630.4	538.1	420.7	333.1	245.3	124.0	73.1	43.2	22.4
-15°	896.1	686.6	630.5	527.1	411.7	327.3	234.2	128.4	78.4	46.5	23.7
-17.5°	752.9	683.9	630.8	510.3	399.0	319.7	222.7	131.5	82.7	49.7	25.3
-20°	697.6	665.6	627.4	487.6	382.5	310.0	211.2	133.0	86.0	52.0	26.7



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	664.4	634.0	578.8	465.8	365.7	298.4	200.2	132.9	88.2	53.4	27.5
-25°	627.3	601.1	528.0	432.5	351.2	281.2	194.3	131.2	89.3	53.9	27.4
-27.5°	590.0	561.7	481.0	399.4	331.7	266.3	191.2	131.8	89.4	53.4	26.6
-30°	552.5	511.1	442.1	369.2	311.2	247.2	186.2	131.1	88.6	52.3	24.8
-32.5°	525.3	467.0	406.0	345.4	288.9	227.4	175.0	128.8	86.4	50.3	23.9
-35°	492.0	431.5	371.9	320.8	265.7	210.7	161.9	125.0	82.9	47.0	23.0
-37.5°	457.2	398.4	344.4	295.2	242.0	192.9	151.0	115.4	77.9	42.4	21.6
-40°	420.1	366.0	317.2	269.1	220.6	174.2	139.2	104.8	71.6	36.5	19.7
-42.5°	381.8	334.6	288.8	242.8	199.3	160.2	126.5	93.3	61.7	32.4	17.2
-45°	346.0	302.2	259.5	218.7	178.0	145.5	112.7	80.9	51.0	29.0	15.3
-47.5°	309.2	270.0	232.0	194.3	161.1	129.6	97.9	68.4	39.9	24.9	14.6
-50°	274.5	239.6	205.9	173.8	143.5	112.1	82.4	55.4	34.0	19.7	13.9
-52.5°	245.7	212.2	182.6	154.2	123.6	93.4	67.5	42.5	27.7	17.2	12.9
-55°	218.8	187.2	160.8	131.5	102.0	76.1	52.1	34.6	20.8	15.8	11.9
-57.5°	193.9	163.9	134.8	106.5	81.3	58.5	40.2	26.2	17.9	14.3	11.3
-60°	167.2	134.4	106.0	82.5	60.7	43.3	30.0	19.6	16.2	12.9	10.6
-62.5°	130.6	102.4	79.1	58.6	43.5	31.3	20.8	17.6	14.5	12.1	9.8
-65°	94.3	71.9	52.5	41.2	29.9	21.5	18.6	15.6	13.3	11.2	9.1
-67.5°	58.2	46.8	36.1	26.0	21.5	18.8	16.3	14.2	12.2	10.2	8.6
-70°	37.2	27.9	23.5	21.0	18.5	16.3	14.7	13.0	11.1	9.6	8.0
-72.5°	23.9	21.8	19.6	17.5	16.1	14.7	13.3	11.8	10.4	8.9	7.5
-75°	19.6	18.1	16.9	15.8	14.5	13.2	12.0	11.0	9.6	8.3	7.1
-77.5°	16.4	15.5	14.7	13.8	12.6	11.7	10.9	10.1	8.9	7.8	6.7
-80°	13.5	12.9	12.2	11.4	10.6	10.1	9.7	9.3	8.2	7.2	6.4
-82.5°	11.0	10.4	9.9	9.5	9.2	8.9	8.7	8.4	7.5	6.7	6.1
-85°	8.9	8.6	8.4	8.1	8.0	7.8	7.6	7.4	6.8	6.3	5.9
-87.5°	7.4	7.2	7.0	6.9	6.8	6.7	6.6	6.5	6.2	6.0	5.8
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.6	5.3	5.1	4.8	4.5	4.5	4.5
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5
65°	4.6	4.5	4.5	4.5	4.5	4.5	4.5
62.5°	4.6	4.6	4.5	4.5	4.5	4.5	4.5
60°	4.7	4.7	4.5	4.5	4.5	4.5	4.5
57.5°	4.9	4.8	4.6	4.5	4.5	4.5	4.5
55°	5.1	4.9	4.7	4.5	4.5	4.5	4.5
52.5°	5.3	5.1	4.8	4.5	4.5	4.5	4.5
50°	5.5	5.2	5.0	4.5	4.6	4.5	4.5
47.5°	5.6	5.3	5.1	4.5	4.6	4.5	4.5
45°	5.6	5.4	5.2	4.6	4.6	4.5	4.5
42.5°	5.6	5.5	5.4	4.7	4.7	4.5	4.5
40°	5.6	5.5	5.4	4.9	4.7	4.5	4.5
37.5°	5.6	5.6	5.5	5.0	4.8	4.5	4.5
35°	5.6	5.6	5.5	5.1	4.8	4.5	4.5
32.5°	5.6	5.6	5.6	5.2	4.8	4.5	4.5
30°	5.7	5.6	5.6	5.3	4.9	4.5	4.5
27.5°	5.9	5.6	5.6	5.3	5.0	4.5	4.5
25°	6.0	5.6	5.6	5.4	5.0	4.5	4.5
22.5°	6.1	5.6	5.6	5.5	5.1	4.5	4.5
20°	6.3	5.7	5.6	5.5	5.1	4.5	4.5
17.5°	6.5	5.8	5.6	5.5	5.2	4.5	4.5
15°	6.7	5.9	5.6	5.6	5.3	4.5	4.5
12.5°	6.9	6.0	5.6	5.6	5.3	4.5	4.5
10°	7.1	6.2	5.6	5.6	5.4	4.5	4.5
7.5°	7.3	6.3	5.6	5.6	5.4	4.5	4.5
5°	7.5	6.4	5.6	5.6	5.5	4.5	4.5
2.5°	7.6	6.6	5.6	5.6	5.5	4.5	4.5
0°	7.8	6.7	5.6	5.6	5.6	4.5	4.5
-2.5°	8.7	6.9	5.7	5.7	5.6	4.5	4.5
-5°	9.6	7.2	5.8	5.7	5.6	4.5	4.5
-7.5°	10.4	7.4	5.9	5.8	5.6	4.6	4.5
-10°	11.1	7.6	6.0	5.9	5.6	4.6	4.5
-12.5°	11.7	7.8	6.1	5.9	5.6	4.6	4.5
-15°	12.2	7.9	6.2	6.0	5.5	4.6	4.5
-17.5°	12.6	8.0	6.3	6.0	5.5	4.7	4.5
-20°	13.0	8.0	6.4	6.1	5.5	4.7	4.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.4	8.1	6.4	6.1	5.5	4.7	4.5
-25°	13.6	8.2	6.5	6.1	5.5	4.7	4.5
-27.5°	13.5	8.3	6.6	6.1	5.5	4.7	4.5
-30°	13.1	8.3	6.7	6.1	5.5	4.7	4.5
-32.5°	12.3	8.3	6.8	6.1	5.4	4.7	4.5
-35°	12.0	8.2	6.9	6.0	5.4	4.8	4.5
-37.5°	11.8	8.2	7.0	6.0	5.4	4.8	4.5
-40°	11.6	8.3	7.1	5.9	5.4	4.8	4.5
-42.5°	11.3	8.3	7.0	5.8	5.4	4.8	4.5
-45°	10.8	8.3	6.9	5.8	5.4	4.8	4.5
-47.5°	10.3	8.2	6.8	5.7	5.4	4.8	4.5
-50°	10.0	8.1	6.7	5.7	5.4	4.8	4.5
-52.5°	9.8	7.9	6.5	5.7	5.4	4.8	4.5
-55°	9.4	7.7	6.4	5.7	5.4	4.8	4.5
-57.5°	9.0	7.4	6.2	5.7	5.4	4.7	4.5
-60°	8.5	7.1	6.0	5.7	5.5	4.7	4.5
-62.5°	8.1	6.8	6.0	5.7	5.4	4.7	4.5
-65°	7.6	6.5	5.9	5.7	5.3	4.7	4.5
-67.5°	7.2	6.3	5.8	5.6	5.3	4.7	4.5
-70°	6.7	6.1	5.8	5.6	5.2	4.7	4.5
-72.5°	6.4	6.0	5.7	5.5	5.1	4.7	4.5
-75°	6.2	5.8	5.6	5.4	5.0	4.6	4.5
-77.5°	5.9	5.7	5.5	5.3	5.0	4.6	4.5
-80°	5.6	5.6	5.4	5.2	4.9	4.6	4.5
-82.5°	5.6	5.5	5.3	5.1	4.8	4.6	4.5
-85°	5.6	5.4	5.2	5.0	4.7	4.5	4.5
-87.5°	5.6	5.4	5.1	4.9	4.6	4.5	4.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5

(END OF REPORT)