

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: P1306042 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-70-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

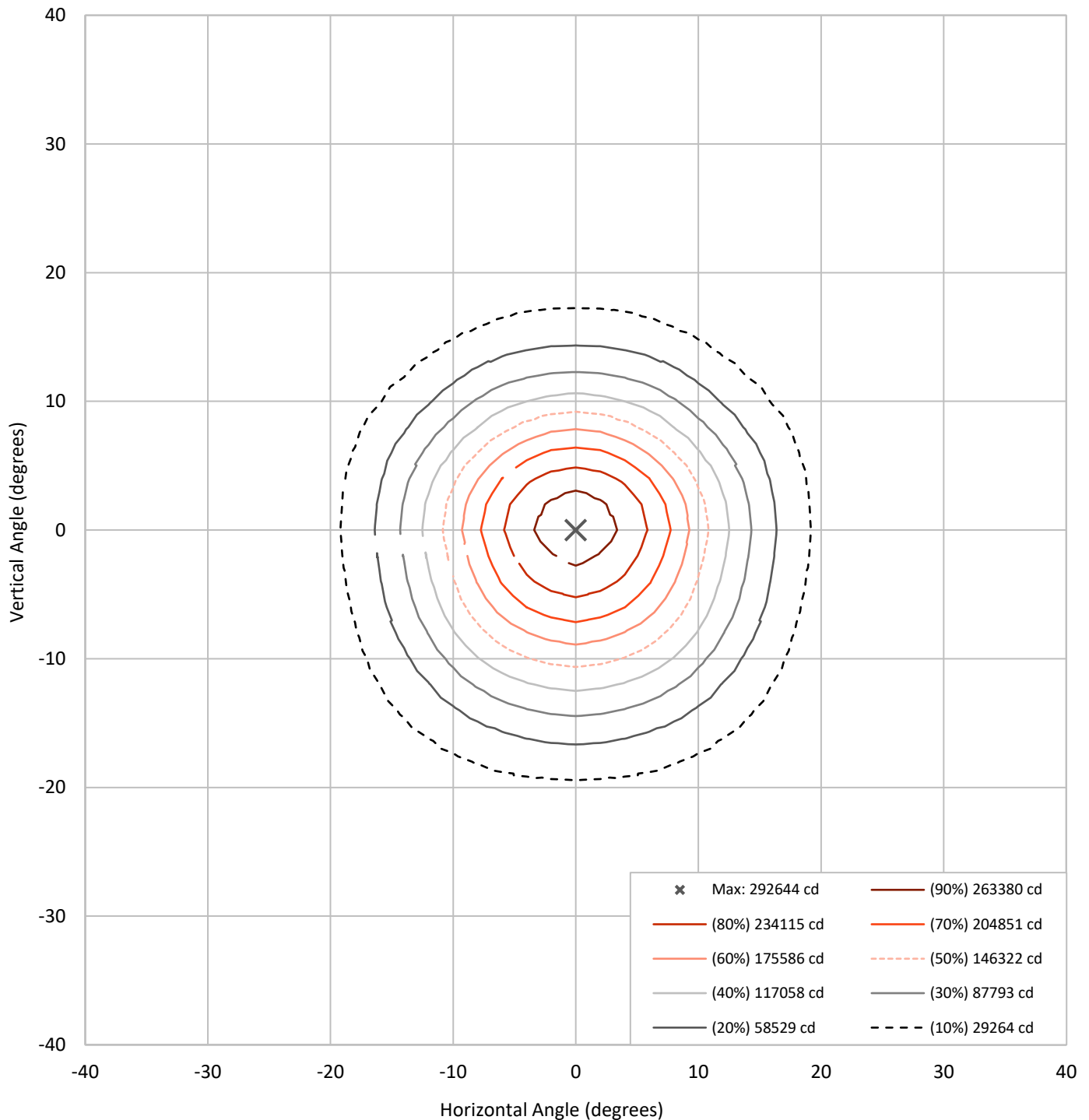
Test Method: LM-79-08  
Report Number: P1306042 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-70-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 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:	45301.9 lumens	Max Intensity:	292644 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.2 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:	20942.7 lumens	Field Lumens:	39067.9 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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CATALOG NUMBER: EPH-08-320N-50-70-2S-CV2-A

### Iso-Candela Plot





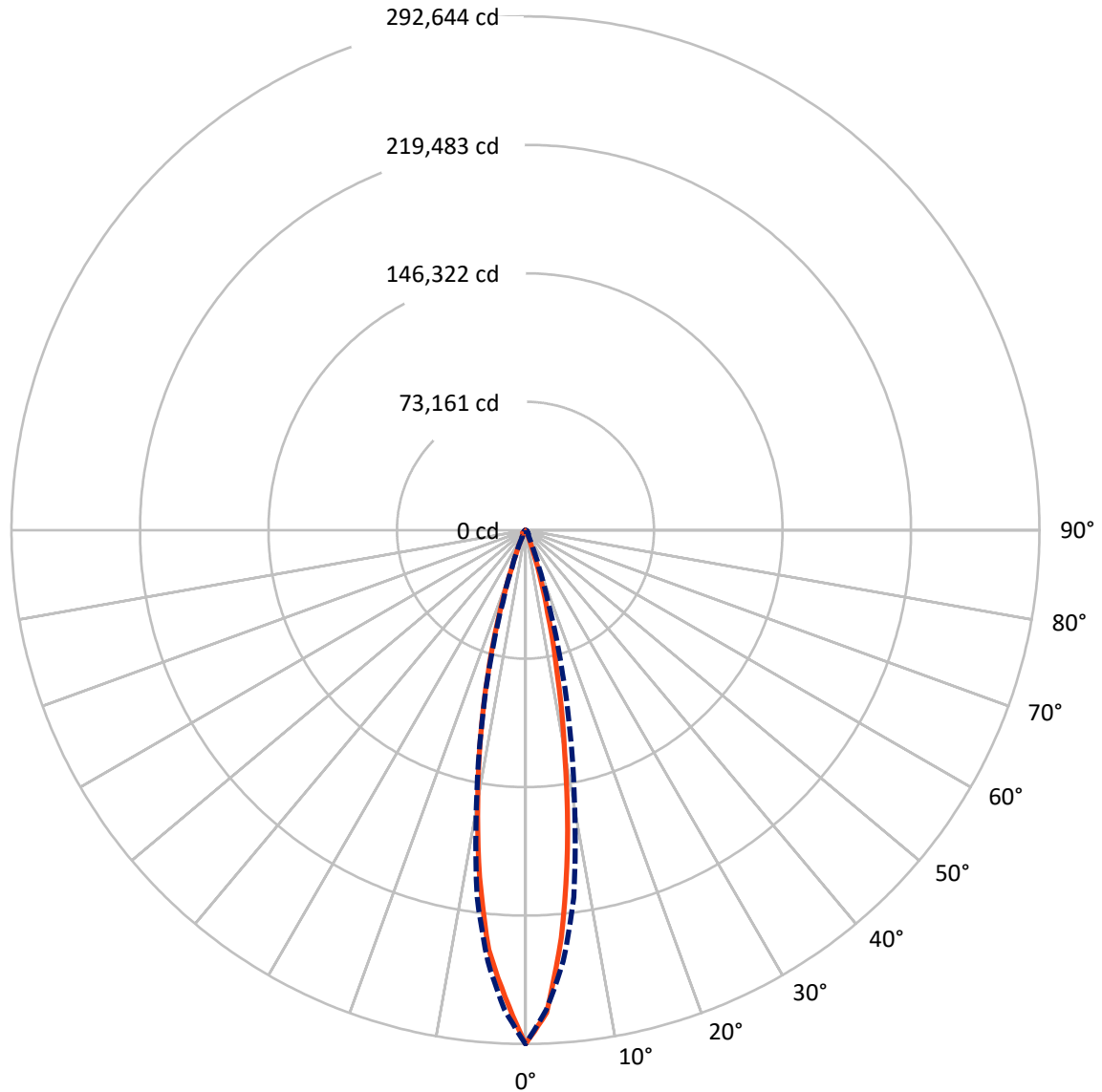
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### Lumen Table

90	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
80	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1								
70	0.1	0.1	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	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		0.2	0.6	1.2	2.6	4.2	5.1	5.9	5.9	5.1	4.2	2.6	1.2	0.6	0.2				
30	0.2	0.3	1.9	6.3	16.8	24.7	43.2	95.2	95.2	43.2	24.7	16.8	6.3	1.9	0.3	0.2			
20		0.6	4.2	16.4	38.5	75.3	468.2	1460.9	1460.9	468.2	75.3	38.5	16.4	4.2	0.6				
10	0.2	1.2	7.3	30.3	62.9	202.7	1913.4	5699.3	5699.3	1913.4	202.7	62.9	30.3	7.3	1.2	0.2			
0		1.9	9.5	35.6	70.5	203.5	2027.8	5942.0	5942.0	2027.8	203.5	70.5	35.6	9.5	1.9				
-10	0.4	2.2	9.6	32.8	69.6	116.4	746.6	2154.7	2154.7	746.6	116.4	69.6	32.8	9.6	2.2	0.4			
-20		2.1	8.2	19.6	49.5	72.8	113.7	222.5	222.5	113.7	72.8	49.5	19.6	8.2	2.1				
-30	0.3	1.7	6.0	12.2	27.4	52.4	67.8	74.6	74.6	67.8	52.4	27.4	12.2	6.0	1.7	0.3			
-40		1.2	4.1	9.1	15.5	25.6	44.5	60.1	60.1	44.5	25.6	15.5	9.1	4.1	1.2				
-50	0.2	0.6	2.4	5.9	10.8	16.1	20.6	23.1	23.1	20.6	16.1	10.8	5.9	2.4	0.6	0.2			
-60		0.2	0.9	2.8	5.7	9.3	13.0	15.3	15.3	13.0	9.3	5.7	2.8	0.9	0.2				
-70	0.1	0.7	2.1	5.3	7.6	5.3	2.1	0.7	0.1							0.1			
-80		0.7	2.1	5.3	7.6	5.3	2.1	0.7	0.1										
-90	0.1	0.7	2.1	5.3	7.6	5.3	2.1	0.7	0.1							0.1			

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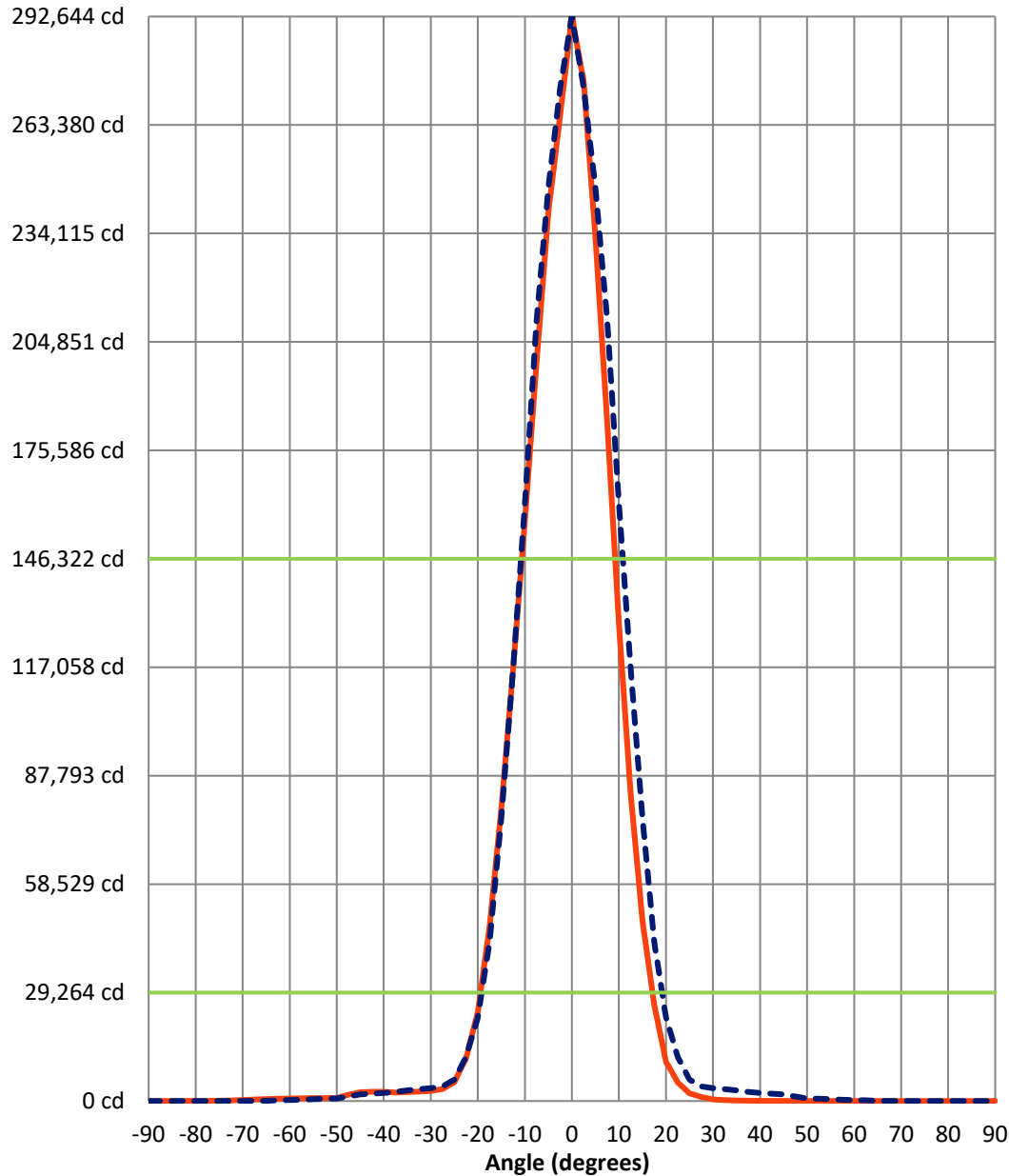
### Luminous Intensity Polar Plot



— 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: 20942.7  
 Efficiency: 46.2%

**Field:**  
 H Angle: 38.4°  
 V Angle: 36.6°  
 Lumens: 39067.9  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 6234  
 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°	4.7	4.7	4.7	5.0	5.3	5.6	5.9	5.9	5.9	5.9	5.9
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.3	4.1	4.0
85°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.5	4.5
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
80°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
77.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
75°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
70°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8
67.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.9	4.8
65°	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.7	5.0	5.1	5.0
62.5°	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.9	5.2	5.3	5.0
60°	4.7	4.7	4.7	4.7	4.7	4.9	4.9	5.2	5.5	5.3	5.1
57.5°	4.7	4.7	4.7	4.7	4.8	5.1	5.2	5.6	5.7	5.4	5.1
55°	4.7	4.7	4.7	4.7	4.9	5.2	5.4	5.9	5.7	5.5	5.2
52.5°	4.7	4.7	4.8	4.7	5.1	5.3	5.6	5.9	5.8	5.5	5.3
50°	4.7	4.7	4.8	4.7	5.2	5.5	5.8	5.9	5.8	5.6	6.2
47.5°	4.7	4.7	4.8	4.7	5.3	5.6	5.9	5.9	5.9	5.7	7.1
45°	4.7	4.7	4.8	4.8	5.5	5.7	5.9	5.9	5.9	6.2	7.7
42.5°	4.7	4.7	4.9	4.9	5.6	5.8	5.9	5.9	6.0	6.6	8.7
40°	4.7	4.7	4.9	5.1	5.7	5.8	5.9	6.0	6.2	6.9	9.6
37.5°	4.7	4.7	5.0	5.2	5.8	5.9	5.9	6.2	6.7	7.7	10.3
35°	4.7	4.7	5.0	5.3	5.8	5.9	5.9	6.3	7.3	8.9	10.7
32.5°	4.7	4.7	5.1	5.4	5.9	5.9	5.9	6.5	7.9	10.1	11.7
30°	4.7	4.7	5.1	5.5	5.9	5.9	6.1	6.7	8.5	11.4	12.9
27.5°	4.7	4.7	5.2	5.6	5.9	5.9	6.2	7.2	9.3	12.8	14.3
25°	4.7	4.7	5.3	5.7	5.9	5.9	6.3	7.7	10.4	14.0	16.0
22.5°	4.7	4.7	5.3	5.7	5.9	5.9	6.5	8.3	11.5	15.3	19.0
20°	4.7	4.7	5.4	5.8	5.9	6.0	6.6	8.8	12.6	16.6	21.9
17.5°	4.7	4.7	5.5	5.8	5.9	6.1	6.9	9.3	13.6	18.0	24.7
15°	4.7	4.7	5.5	5.9	5.9	6.2	7.1	9.8	14.6	19.5	27.2
12.5°	4.7	4.7	5.6	5.9	5.9	6.4	7.3	10.3	15.6	21.0	29.6
10°	4.7	4.7	5.7	5.9	5.9	6.5	7.5	10.7	16.7	23.3	33.2
7.5°	4.7	4.7	5.7	5.9	5.9	6.7	7.8	11.0	17.6	25.8	39.9
5°	4.7	4.7	5.8	5.9	5.9	6.8	8.0	11.3	18.6	28.3	46.8
2.5°	4.7	4.7	5.8	5.9	5.9	7.0	8.1	11.6	19.4	30.8	53.6
0°	4.7	4.7	5.9	5.9	5.9	7.1	8.3	11.8	20.1	33.1	60.2
-2.5°	4.7	4.7	5.9	6.0	6.0	7.3	9.2	14.6	26.0	43.2	77.8
-5°	4.7	4.8	5.9	6.1	6.1	7.6	10.1	17.2	31.7	52.9	94.3
-7.5°	4.7	4.8	5.9	6.1	6.2	7.8	10.9	19.6	36.9	61.9	109.5
-10°	4.7	4.8	5.9	6.2	6.3	8.0	11.7	21.8	41.5	70.1	122.8
-12.5°	4.7	4.8	5.9	6.3	6.4	8.1	12.3	23.6	45.5	77.1	130.7
-15°	4.7	4.9	5.8	6.3	6.5	8.3	12.8	25.0	49.0	82.6	135.4
-17.5°	4.7	4.9	5.8	6.4	6.6	8.4	13.2	26.6	52.3	87.2	138.6
-20°	4.7	4.9	5.8	6.4	6.7	8.4	13.6	28.1	54.8	90.6	140.2



REPORT NUMBER: P1306042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-50-70-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	4.9	5.8	6.4	6.8	8.5	14.1	28.9	56.3	93.0	140.1
-25°	4.7	4.9	5.8	6.4	6.9	8.6	14.3	28.8	56.8	94.1	138.4
-27.5°	4.7	4.9	5.8	6.5	7.0	8.7	14.1	27.9	56.3	94.2	139.0
-30°	4.7	5.0	5.7	6.4	7.1	8.8	13.7	26.1	55.1	93.4	138.2
-32.5°	4.7	5.0	5.7	6.4	7.2	8.8	12.9	25.1	53.0	91.1	135.9
-35°	4.7	5.0	5.7	6.4	7.4	8.7	12.6	24.2	49.5	87.3	131.9
-37.5°	4.7	5.0	5.7	6.3	7.4	8.6	12.5	22.7	44.7	82.1	121.7
-40°	4.7	5.0	5.7	6.2	7.5	8.7	12.2	20.7	38.5	75.4	110.5
-42.5°	4.7	5.0	5.7	6.2	7.4	8.8	11.9	18.1	34.1	65.0	98.4
-45°	4.7	5.0	5.7	6.1	7.3	8.7	11.4	16.1	30.5	53.8	85.3
-47.5°	4.7	5.0	5.7	6.0	7.2	8.6	10.9	15.5	26.2	42.1	72.1
-50°	4.7	5.0	5.7	6.0	7.1	8.5	10.6	14.6	20.8	35.9	58.4
-52.5°	4.7	5.0	5.7	6.0	6.9	8.3	10.3	13.7	18.1	29.1	44.9
-55°	4.7	5.0	5.7	6.0	6.7	8.1	9.9	12.6	16.7	21.9	36.5
-57.5°	4.7	5.0	5.7	6.0	6.5	7.8	9.4	11.9	15.1	18.9	27.6
-60°	4.7	5.0	5.7	6.0	6.3	7.5	8.9	11.1	13.7	17.1	20.6
-62.5°	4.7	4.9	5.7	6.0	6.3	7.2	8.5	10.3	12.7	15.2	18.6
-65°	4.7	4.9	5.6	6.0	6.2	6.9	8.0	9.6	11.7	14.0	16.4
-67.5°	4.7	4.9	5.5	5.9	6.2	6.6	7.6	9.0	10.7	12.8	14.9
-70°	4.7	4.9	5.5	5.9	6.1	6.5	7.1	8.5	10.1	11.7	13.7
-72.5°	4.7	4.9	5.4	5.8	6.0	6.3	6.8	7.9	9.4	10.9	12.4
-75°	4.7	4.8	5.3	5.7	5.9	6.1	6.5	7.5	8.7	10.1	11.6
-77.5°	4.7	4.8	5.2	5.6	5.8	6.0	6.2	7.1	8.2	9.4	10.7
-80°	4.7	4.8	5.1	5.5	5.7	5.9	5.9	6.7	7.7	8.7	9.8
-82.5°	4.7	4.8	5.0	5.3	5.6	5.8	5.9	6.4	7.1	7.9	8.9
-85°	4.7	4.8	4.9	5.2	5.5	5.7	5.9	6.3	6.7	7.3	7.9
-87.5°	4.7	4.7	4.8	5.1	5.4	5.7	5.9	6.1	6.3	6.6	6.9
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4	4.1	3.8	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°	5.9	5.9	5.9	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0
87.5°	3.9	3.8	3.7	3.5	3.5	3.5	3.5	3.5	3.2	3.0	2.7
85°	4.3	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.2	3.0	2.7
82.5°	4.4	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.3	3.0	2.7
80°	4.4	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.3	3.1	2.9
77.5°	4.5	4.2	3.9	3.6	3.5	3.7	3.9	4.1	4.1	4.0	3.8
75°	4.5	4.2	4.1	4.1	4.3	4.5	4.7	4.7	4.5	4.2	3.9
72.5°	4.6	4.5	4.5	4.7	4.7	4.7	4.7	4.7	5.3	6.1	6.7
70°	4.7	4.7	4.7	4.7	4.7	5.0	6.2	7.9	9.5	10.8	12.4
67.5°	4.7	4.7	4.7	4.8	5.7	7.0	8.9	13.6	19.0	20.7	20.6
65°	4.7	4.7	5.0	5.8	7.0	10.6	15.7	22.1	26.9	26.1	24.4
62.5°	4.7	4.9	5.5	7.3	10.6	15.4	20.3	24.9	29.4	28.7	24.9
60°	4.8	5.0	6.9	10.3	13.9	17.7	22.5	25.4	28.4	29.2	23.0
57.5°	4.9	6.1	9.4	12.9	16.2	19.0	20.7	23.3	25.0	25.4	19.0
55°	5.5	8.0	11.5	15.0	17.3	16.5	17.8	19.5	20.1	18.6	13.5
52.5°	7.0	9.7	13.3	16.2	16.5	15.2	14.9	15.6	14.4	12.3	10.6
50°	8.3	11.5	14.9	16.5	16.1	14.5	12.3	12.0	11.6	10.7	9.7
47.5°	9.6	13.0	16.0	17.1	15.9	14.4	11.9	11.6	11.6	12.3	11.6
45°	10.9	14.0	17.0	17.2	16.4	15.2	14.1	12.9	15.2	15.9	15.9
42.5°	12.0	14.6	17.3	17.6	18.0	17.8	17.4	18.7	20.1	21.3	21.7
40°	12.4	15.0	18.2	20.5	20.6	21.5	23.9	26.2	26.2	27.8	28.8
37.5°	12.6	16.5	20.8	26.1	24.5	27.4	31.4	37.6	38.4	34.9	39.9
35°	12.6	18.5	27.8	33.9	33.1	35.1	44.7	53.7	57.8	52.0	60.0
32.5°	13.8	21.2	36.8	43.3	49.2	51.5	60.9	78.7	88.7	92.5	99.2
30°	16.8	29.5	47.2	54.1	70.9	82.1	90.0	111.3	129.6	185.0	226.0
27.5°	20.5	39.6	57.4	73.5	98.2	117.6	134.4	156.3	223.4	324.2	429.1
25°	24.1	53.2	68.7	98.5	132.2	158.3	181.3	212.4	352.9	559.6	647.9
22.5°	31.3	68.9	86.7	126.8	169.2	200.1	233.6	317.7	507.5	818.1	854.5
20°	43.2	83.9	111.2	158.4	210.3	242.0	286.4	428.2	682.4	919.8	1018.3
17.5°	56.0	100.4	138.1	195.8	258.6	294.6	346.5	534.7	833.2	1044.5	1176.5
15°	69.3	117.9	164.0	236.8	309.8	359.4	466.8	680.9	952.3	1190.6	1383.1
12.5°	82.8	136.1	188.7	280.2	363.4	423.5	612.6	903.9	1151.8	1375.0	1636.3
10°	96.1	154.6	212.0	324.8	418.5	486.3	773.1	1130.5	1373.9	1592.2	1860.1
7.5°	122.8	179.4	236.6	369.3	473.8	547.6	940.9	1355.7	1577.7	1782.6	2045.4
5°	151.9	210.0	274.5	422.3	529.3	604.1	1093.8	1573.5	1765.6	1950.3	2207.0
2.5°	180.3	239.2	311.1	473.2	582.3	653.1	1172.1	1693.1	1885.0	2078.9	2346.5
0°	206.6	266.9	346.0	519.5	631.7	699.0	1229.2	1793.6	1984.8	2186.8	2469.0
-2.5°	228.6	295.0	382.8	541.5	645.4	710.7	1210.4	1792.6	2022.1	2246.4	2538.4
-5°	246.9	321.4	416.7	559.7	656.4	720.3	1173.3	1764.3	2052.8	2294.1	2590.7
-7.5°	261.3	345.6	447.2	573.9	663.2	725.1	1156.9	1776.1	2107.7	2336.0	2624.9
-10°	269.2	355.3	449.5	573.3	664.4	726.2	1120.8	1751.8	2153.3	2373.2	2639.4
-12.5°	258.7	351.2	443.6	567.4	664.8	725.8	1051.2	1687.4	2190.6	2408.8	2626.2
-15°	247.0	345.2	434.1	555.8	664.9	724.1	944.9	1580.2	2169.4	2345.2	2571.2
-17.5°	234.8	337.1	420.7	538.1	665.2	721.2	793.9	1350.4	1957.7	2210.7	2482.3
-20°	222.7	326.9	403.3	514.1	661.7	701.9	735.6	1117.0	1649.2	2039.8	2314.2



REPORT NUMBER: P1306042 (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°	211.1	314.7	385.7	491.2	610.4	668.6	700.7	891.0	1331.4	1832.0	2063.1
-25°	204.8	296.6	370.3	456.1	556.8	633.9	661.5	701.0	1050.8	1503.5	1833.9
-27.5°	201.6	280.8	349.8	421.2	507.2	592.3	622.2	656.5	834.6	1182.0	1593.1
-30°	196.3	260.7	328.2	389.3	466.2	538.9	582.6	621.9	670.3	931.3	1256.4
-32.5°	184.5	239.8	304.6	364.3	428.1	492.4	553.9	596.8	636.2	706.9	964.1
-35°	170.7	222.1	280.1	338.3	392.2	455.0	518.8	575.0	606.9	639.8	753.2
-37.5°	159.2	203.4	255.2	311.3	363.2	420.1	482.1	541.4	585.5	615.5	658.6
-40°	146.8	183.7	232.6	283.7	334.5	385.9	442.9	500.6	555.6	601.6	636.3
-42.5°	133.4	169.0	210.1	255.9	304.5	352.9	402.7	457.4	515.3	575.3	620.3
-45°	118.9	153.4	187.8	230.6	273.6	318.7	364.9	413.4	471.9	529.3	586.3
-47.5°	103.2	136.7	169.9	204.9	244.6	284.7	326.1	375.4	427.0	481.2	534.6
-50°	86.9	118.2	151.3	183.3	217.1	252.6	289.5	338.1	387.2	434.1	482.1
-52.5°	71.2	98.5	130.3	162.6	192.5	223.8	259.1	301.8	347.7	393.1	435.9
-55°	55.0	80.3	107.6	138.7	169.5	197.4	230.7	268.6	307.4	350.5	391.9
-57.5°	42.4	61.8	85.7	112.3	142.2	172.9	204.5	236.4	271.8	308.3	344.0
-60°	31.6	45.7	64.0	87.0	111.8	141.7	176.4	208.0	238.0	267.9	300.5
-62.5°	21.9	33.0	46.0	61.9	83.4	108.0	137.7	170.5	205.4	231.9	258.0
-65°	19.5	22.6	31.6	43.5	55.5	75.9	99.5	125.2	154.9	181.9	210.1
-67.5°	17.1	19.8	22.7	27.4	38.1	49.4	61.4	82.4	104.9	124.2	144.4
-70°	15.5	17.1	19.5	22.1	24.8	29.4	39.3	49.7	60.2	71.5	87.7
-72.5°	14.0	15.5	17.0	18.5	20.7	23.0	25.2	27.4	33.3	41.6	49.1
-75°	12.7	13.9	15.2	16.6	17.8	19.1	20.7	22.6	24.4	26.3	28.4
-77.5°	11.4	12.3	13.3	14.5	15.4	16.2	17.2	18.3	19.5	20.7	21.8
-80°	10.2	10.6	11.2	11.9	12.8	13.5	14.1	14.7	15.3	16.2	17.1
-82.5°	9.2	9.4	9.7	10.0	10.4	11.0	11.6	12.2	12.6	13.0	13.5
-85°	8.1	8.3	8.5	8.6	8.9	9.1	9.4	9.7	10.0	10.2	10.4
-87.5°	7.0	7.1	7.2	7.3	7.5	7.7	7.8	7.9	8.1	8.2	8.2
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	3.0	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°	8.3	8.3	8.3	8.3	8.3	10.0	11.8	13.5	15.3	18.0	20.6
87.5°	2.4	2.4	2.3	2.3	2.3	2.0	1.8	1.5	1.2	0.9	0.6
85°	2.4	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.1	1.8	1.5	1.2	1.2	1.2
80°	2.7	2.7	2.7	2.6	2.4	2.1	1.8	1.5	1.2	1.2	1.2
77.5°	3.6	3.3	3.0	2.7	2.5	2.3	2.2	2.2	2.2	2.0	1.8
75°	3.6	3.5	3.6	3.5	3.1	2.9	2.8	2.6	2.4	2.4	2.3
72.5°	7.1	7.2	6.7	6.3	5.6	5.3	5.2	4.8	4.3	4.1	4.0
70°	13.0	12.7	12.2	11.2	9.6	8.3	7.5	6.7	5.9	5.6	5.7
67.5°	18.8	16.9	15.3	13.4	11.1	9.4	8.5	7.5	6.4	5.9	5.9
65°	21.8	17.8	15.1	13.1	11.6	10.0	8.4	7.0	5.7	5.1	5.3
62.5°	20.6	15.4	12.2	10.3	8.9	8.1	6.8	5.8	5.1	4.7	4.8
60°	17.1	11.4	8.6	7.7	6.8	6.0	5.6	5.1	4.4	3.9	4.1
57.5°	13.3	9.2	7.0	6.7	6.4	6.0	5.5	5.0	4.6	4.3	4.5
55°	9.9	8.2	7.1	7.2	7.0	6.5	5.8	5.7	5.6	5.5	5.6
52.5°	8.7	8.6	8.9	8.8	8.0	7.4	7.0	7.0	7.1	7.3	7.7
50°	9.9	10.2	10.0	9.2	9.1	8.8	8.3	8.8	9.5	9.7	9.9
47.5°	11.8	12.0	12.1	11.3	11.5	12.4	12.6	12.9	14.2	15.2	16.1
45°	15.2	16.4	16.8	17.3	17.6	19.4	20.3	20.8	24.4	26.1	26.4
42.5°	21.9	23.9	25.5	28.0	27.7	32.1	37.8	40.9	40.6	39.5	39.4
40°	32.0	35.5	43.2	47.4	51.9	57.0	57.6	51.3	51.3	57.7	57.4
37.5°	49.3	61.4	72.4	82.1	84.5	81.6	82.7	87.5	93.2	93.7	96.5
35°	83.1	107.5	113.2	120.7	128.9	121.2	120.2	127.9	125.3	138.5	148.1
32.5°	143.6	178.3	188.9	198.0	220.9	207.6	171.0	224.3	212.3	227.2	249.8
30°	228.4	296.8	342.7	356.5	362.2	363.8	398.3	428.8	453.0	485.3	531.1
27.5°	432.6	477.9	554.3	597.2	543.2	565.5	654.0	670.0	761.2	860.3	941.6
25°	657.9	708.7	844.7	861.8	816.7	899.5	985.1	1002.8	1163.6	1280.3	1559.7
22.5°	861.5	946.7	1092.2	1133.5	1171.1	1269.5	1368.9	1487.4	1849.6	2298.8	3113.9
20°	1033.9	1128.9	1271.1	1386.0	1479.8	1605.3	1721.2	2126.0	2906.1	4612.5	6468.6
17.5°	1242.5	1301.4	1477.2	1630.8	1777.7	1957.6	2469.6	3492.1	5750.6	9468.6	12992.4
15°	1523.6	1640.7	1749.8	1916.0	2190.4	2713.7	3843.4	7174.0	11899.1	18384.2	26416.9
12.5°	1847.8	2009.3	2160.6	2301.6	2695.2	3929.5	7534.0	13309.8	21252.7	31670.4	47435.1
10°	2137.2	2384.0	2569.7	2815.7	3578.2	5978.4	11542.8	19708.3	33665.5	52072.5	72645.6
7.5°	2338.2	2631.4	2881.9	3247.6	4490.9	8557.3	16260.3	28976.3	48815.9	73618.4	101370.9
5°	2529.4	2860.0	3105.9	3555.7	5094.4	10348.7	19836.1	36701.6	63644.9	96417.8	132049.3
2.5°	2710.0	3061.9	3303.7	3831.7	5475.5	11165.3	21333.8	41504.2	73236.9	112056.5	154374.4
0°	2877.5	3210.5	3463.2	3961.4	5797.5	11949.2	22607.9	43052.7	76477.5	116660.9	161170.6
-2.5°	2846.2	3093.7	3373.5	3873.0	5491.1	11108.6	21123.1	41233.9	72673.0	111164.4	152105.7
-5°	2835.3	3036.0	3288.6	3741.4	5112.8	9598.6	18760.5	37127.4	66439.3	101127.7	139261.0
-7.5°	2843.7	3003.0	3200.5	3575.0	4656.0	8115.5	16311.4	32184.9	56395.7	85765.5	120201.3
-10°	2861.5	2984.8	3185.0	3514.3	4271.1	6486.5	12344.3	24797.0	44341.4	67701.3	94533.9
-12.5°	2892.4	3058.4	3259.4	3483.2	3884.2	5166.6	9708.5	19249.2	32784.6	49196.0	69613.2
-15°	2881.8	3095.9	3322.8	3461.1	3679.5	4393.2	6297.3	12710.1	22684.2	33568.5	45924.9
-17.5°	2804.2	3060.6	3160.3	3267.5	3400.4	3752.0	4814.7	7665.6	13345.3	20496.9	27448.7
-20°	2624.0	2753.7	2878.4	3006.4	3153.5	3347.6	3678.2	4788.7	6451.8	10510.0	13902.6



REPORT NUMBER: P1306042 (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°	2285.7	2410.6	2518.7	2726.3	2874.7	3017.3	3199.4	3439.7	4079.4	5084.2	6754.2
-25°	1995.6	2072.5	2224.6	2467.0	2626.5	2711.9	2826.1	2917.3	3136.5	3369.9	3946.7
-27.5°	1763.7	1879.0	2066.4	2278.7	2431.7	2500.3	2560.3	2614.0	2751.6	2847.0	3010.8
-30°	1580.2	1767.0	1942.5	2136.8	2277.4	2359.0	2384.6	2461.9	2551.8	2619.9	2686.2
-32.5°	1317.0	1645.5	1805.2	1966.1	2125.0	2225.5	2294.3	2355.2	2439.5	2491.8	2517.9
-35°	1033.6	1369.9	1684.3	1792.3	1907.8	2052.1	2169.6	2231.6	2287.0	2337.4	2369.2
-37.5°	780.0	1055.5	1348.2	1611.5	1735.1	1843.1	2014.1	2117.5	2167.8	2243.0	2285.7
-40°	676.5	754.7	1004.4	1251.0	1472.8	1718.8	1885.0	2044.5	2202.2	2298.8	2361.5
-42.5°	653.3	685.2	714.8	887.6	1109.5	1332.3	1577.3	1847.9	2074.2	2244.5	2402.8
-45°	634.6	658.9	682.7	709.8	735.7	906.2	1097.8	1299.5	1559.8	1811.8	2029.5
-47.5°	586.2	632.2	659.1	679.4	700.6	724.2	745.9	791.6	966.7	1152.9	1329.7
-50°	531.2	576.8	617.6	655.4	682.6	700.9	714.6	732.5	753.4	772.0	789.1
-52.5°	477.1	521.3	562.7	603.8	642.3	677.7	710.4	731.1	746.9	760.8	769.5
-55°	431.6	469.7	506.8	547.4	587.0	624.7	660.2	692.2	722.2	750.3	766.4
-57.5°	381.8	419.3	456.5	494.0	530.1	564.8	599.1	632.5	664.2	693.1	710.7
-60°	332.6	364.1	401.1	439.6	475.5	509.0	543.2	575.6	605.6	631.1	646.8
-62.5°	286.4	315.8	346.5	380.7	417.7	453.8	484.2	514.9	545.5	571.9	589.9
-65°	237.3	262.0	286.9	313.7	342.0	371.6	402.0	431.9	461.0	484.9	502.0
-67.5°	167.9	192.4	216.2	240.0	261.8	283.6	306.9	330.4	353.7	372.9	388.1
-70°	103.5	118.8	133.2	148.7	166.9	185.9	205.3	223.4	240.2	252.6	261.8
-72.5°	55.8	62.0	69.4	81.0	91.8	103.1	114.9	126.1	136.7	144.5	150.4
-75°	30.6	33.4	38.2	42.7	47.0	52.0	57.1	61.9	66.4	70.8	74.9
-77.5°	23.1	24.5	25.8	26.9	27.9	29.7	31.7	33.8	35.8	38.4	41.2
-80°	18.1	18.8	19.5	20.2	20.9	22.1	23.4	24.7	26.0	27.2	28.4
-82.5°	13.9	14.3	14.6	14.9	15.2	16.0	16.8	17.6	18.4	19.7	21.0
-85°	10.5	10.8	11.0	11.2	11.3	12.0	12.6	13.3	13.9	14.9	15.8
-87.5°	8.3	8.5	8.8	9.0	9.3	9.7	10.1	10.4	10.8	11.6	12.5
-90°	2.4	2.1	1.8	1.5	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°	23.3	26.0	27.7	29.5	27.7	26.0	23.3	20.6	18.0	15.3	13.5
87.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.5
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
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°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.2	2.2
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.6
72.5°	3.8	3.5	3.5	3.5	3.5	3.5	3.8	4.0	4.1	4.3	4.8
70°	5.8	5.8	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.9	6.7
67.5°	5.9	5.9	5.4	4.7	5.4	5.9	5.9	5.9	5.9	6.4	7.5
65°	5.5	5.8	5.4	4.7	5.4	5.8	5.5	5.3	5.1	5.7	7.0
62.5°	4.8	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.7	5.1	5.8
60°	4.3	4.6	4.7	4.7	4.7	4.6	4.3	4.1	3.9	4.4	5.1
57.5°	4.6	4.7	5.2	5.9	5.2	4.7	4.6	4.5	4.3	4.6	5.0
55°	5.7	5.8	5.9	5.9	5.9	5.8	5.7	5.6	5.5	5.6	5.7
52.5°	7.9	8.1	8.3	8.3	8.3	8.1	7.9	7.7	7.3	7.1	7.0
50°	10.2	10.4	10.1	9.4	10.1	10.4	10.2	9.9	9.7	9.5	8.8
47.5°	16.9	17.3	17.2	16.5	17.2	17.3	16.9	16.1	15.2	14.2	12.9
45°	27.0	27.1	27.0	27.2	27.0	27.1	27.0	26.4	26.1	24.4	20.8
42.5°	40.5	40.8	41.0	41.3	41.0	40.8	40.5	39.4	39.5	40.6	40.9
40°	58.4	58.7	58.0	56.7	58.0	58.7	58.4	57.4	57.7	51.3	51.3
37.5°	101.5	103.8	103.2	101.5	103.2	103.8	101.5	96.5	93.7	93.2	87.5
35°	151.5	150.1	146.1	146.4	146.1	150.1	151.5	148.1	138.5	125.3	127.9
32.5°	236.6	245.1	247.8	249.1	247.8	245.1	236.6	249.8	227.2	212.3	224.3
30°	563.3	546.3	470.7	447.5	470.7	546.3	563.3	531.1	485.3	453.0	428.8
27.5°	1000.7	1054.6	1104.0	1108.7	1104.0	1054.6	1000.7	941.6	860.3	761.2	670.0
25°	1848.1	2029.7	2106.2	2095.8	2106.2	2029.7	1848.1	1559.7	1280.3	1163.6	1002.8
22.5°	4077.5	4697.1	5020.0	5031.2	5020.0	4697.1	4077.5	3113.9	2298.8	1849.6	1487.4
20°	8897.2	10392.5	10770.2	10657.5	10770.2	10392.5	8897.2	6468.6	4612.5	2906.1	2126.0
17.5°	18345.1	22768.8	25788.8	25996.7	25788.8	22768.8	18345.1	12992.4	9468.6	5750.6	3492.1
15°	35705.0	43836.6	48053.4	48769.9	48053.4	43836.6	35705.0	26416.9	18384.2	11899.1	7174.0
12.5°	62374.0	74750.9	81637.3	82815.7	81637.3	74750.9	62374.0	47435.1	31670.4	21252.7	13309.8
10°	95140.1	112402.8	123627.3	128694.0	123627.3	112402.8	95140.1	72645.6	52072.5	33665.5	19708.3
7.5°	128760.7	155956.7	178166.7	183202.3	178166.7	155956.7	128760.7	101370.9	73618.4	48815.9	28976.3
5°	170353.8	206819.5	228148.1	233073.8	228148.1	206819.5	170353.8	132049.3	96417.8	63644.9	36701.6
2.5°	201197.4	240404.3	262759.0	275043.8	262759.0	240404.3	201197.4	154374.4	112056.5	73236.9	41504.2
0°	210769.4	246444.7	273319.9	292644.0	273319.9	246444.7	210769.4	161170.6	116660.9	76477.5	43052.7
-2.5°	197813.6	235640.6	255141.4	266005.6	255141.4	235640.6	197813.6	152105.7	111164.4	72673.0	41233.9
-5°	177202.3	211973.8	233240.8	239797.0	233240.8	211973.8	177202.3	139261.0	101127.7	66439.3	37127.4
-7.5°	150198.7	175591.4	191518.3	199549.2	191518.3	175591.4	150198.7	120201.3	85765.5	56395.7	32184.9
-10°	120969.7	140241.5	152121.3	156564.5	152121.3	140241.5	120969.7	94533.9	67701.3	44341.4	24797.0
-12.5°	88602.6	103952.3	113079.0	116600.1	113079.0	103952.3	88602.6	69613.2	49196.0	32784.6	19249.2
-15°	58481.8	69546.7	76567.0	79018.4	76567.0	69546.7	58481.8	45924.9	33568.5	22684.2	12710.1
-17.5°	35445.8	41553.6	46098.1	47244.3	46098.1	41553.6	35445.8	27448.7	20496.9	13345.3	7665.6
-20°	18757.3	21505.8	23040.7	24079.1	23040.7	21505.8	18757.3	13902.6	10510.0	6451.8	4788.7



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8892.4	10389.2	11079.1	11605.6	11079.1	10389.2	8892.4	6754.2	5084.2	4079.4	3439.7
-25°	4450.3	4759.9	4894.7	5083.1	4894.7	4759.9	4450.3	3946.7	3369.9	3136.5	2917.3
-27.5°	3121.6	3194.2	3222.8	3245.9	3222.8	3194.2	3121.6	3010.8	2847.0	2751.6	2614.0
-30°	2720.2	2732.2	2730.4	2728.7	2730.4	2732.2	2720.2	2686.2	2619.9	2551.8	2461.9
-32.5°	2546.2	2558.9	2557.9	2556.3	2557.9	2558.9	2546.2	2517.9	2491.8	2439.5	2355.2
-35°	2389.7	2406.3	2414.5	2418.2	2414.5	2406.3	2389.7	2369.2	2337.4	2287.0	2231.6
-37.5°	2309.5	2313.1	2303.7	2293.0	2303.7	2313.1	2309.5	2285.7	2243.0	2167.8	2117.5
-40°	2392.4	2448.5	2504.9	2522.1	2504.9	2448.5	2392.4	2361.5	2298.8	2202.2	2044.5
-42.5°	2455.0	2491.0	2507.3	2502.0	2507.3	2491.0	2455.0	2402.8	2244.5	2074.2	1847.9
-45°	2173.3	2285.0	2351.2	2367.4	2351.2	2285.0	2173.3	2029.5	1811.8	1559.8	1299.5
-47.5°	1478.0	1603.1	1682.0	1707.4	1682.0	1603.1	1478.0	1329.7	1152.9	966.7	791.6
-50°	805.6	821.4	826.6	821.8	826.6	821.4	805.6	789.1	772.0	753.4	732.5
-52.5°	778.0	787.4	793.4	797.0	793.4	787.4	778.0	769.5	760.8	746.9	731.1
-55°	780.1	792.2	798.8	801.7	798.8	792.2	780.1	766.4	750.3	722.2	692.2
-57.5°	726.2	739.7	746.2	748.6	746.2	739.7	726.2	710.7	693.1	664.2	632.5
-60°	661.0	673.8	678.8	680.1	678.8	673.8	661.0	646.8	631.1	605.6	575.6
-62.5°	606.6	621.7	628.1	630.5	628.1	621.7	606.6	589.9	571.9	545.5	514.9
-65°	517.1	530.0	534.4	534.9	534.4	530.0	517.1	502.0	484.9	461.0	431.9
-67.5°	401.6	413.3	417.4	418.0	417.4	413.3	401.6	388.1	372.9	353.7	330.4
-70°	269.2	274.8	277.2	277.5	277.2	274.8	269.2	261.8	252.6	240.2	223.4
-72.5°	155.0	158.4	159.5	159.4	159.5	158.4	155.0	150.4	144.5	136.7	126.1
-75°	78.5	81.7	82.5	82.7	82.5	81.7	78.5	74.9	70.8	66.4	61.9
-77.5°	44.0	46.8	47.1	47.2	47.1	46.8	44.0	41.2	38.4	35.8	33.8
-80°	29.5	30.6	30.7	30.7	30.7	30.6	29.5	28.4	27.2	26.0	24.7
-82.5°	22.3	23.5	23.6	23.6	23.6	23.5	22.3	21.0	19.7	18.4	17.6
-85°	16.8	17.7	18.3	18.9	18.3	17.7	16.8	15.8	14.9	13.9	13.3
-87.5°	13.4	14.2	14.8	15.3	14.8	14.2	13.4	12.5	11.6	10.8	10.4
-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°	11.8	10.0	8.3	8.3	8.3	8.3	8.3	8.0	7.7	7.4	7.1
87.5°	1.8	2.0	2.3	2.3	2.3	2.4	2.4	2.7	3.0	3.2	3.5
85°	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.2	3.5
82.5°	1.8	2.1	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3	3.5
80°	1.8	2.1	2.4	2.6	2.7	2.7	2.7	2.9	3.1	3.3	3.5
77.5°	2.2	2.3	2.5	2.7	3.0	3.3	3.6	3.8	4.0	4.1	4.1
75°	2.8	2.9	3.1	3.5	3.6	3.5	3.6	3.9	4.2	4.5	4.7
72.5°	5.2	5.3	5.6	6.3	6.7	7.2	7.1	6.7	6.1	5.3	4.7
70°	7.5	8.3	9.6	11.2	12.2	12.7	13.0	12.4	10.8	9.5	7.9
67.5°	8.5	9.4	11.1	13.4	15.3	16.9	18.8	20.6	20.7	19.0	13.6
65°	8.4	10.0	11.6	13.1	15.1	17.8	21.8	24.4	26.1	26.9	22.1
62.5°	6.8	8.1	8.9	10.3	12.2	15.4	20.6	24.9	28.7	29.4	24.9
60°	5.6	6.0	6.8	7.7	8.6	11.4	17.1	23.0	29.2	28.4	25.4
57.5°	5.5	6.0	6.4	6.7	7.0	9.2	13.3	19.0	25.4	25.0	23.3
55°	5.8	6.5	7.0	7.2	7.1	8.2	9.9	13.5	18.6	20.1	19.5
52.5°	7.0	7.4	8.0	8.8	8.9	8.6	8.7	10.6	12.3	14.4	15.6
50°	8.3	8.8	9.1	9.2	10.0	10.2	9.9	9.7	10.7	11.6	12.0
47.5°	12.6	12.4	11.5	11.3	12.1	12.0	11.8	11.6	12.3	11.6	11.6
45°	20.3	19.4	17.6	17.3	16.8	16.4	15.2	15.9	15.9	15.2	12.9
42.5°	37.8	32.1	27.7	28.0	25.5	23.9	21.9	21.7	21.3	20.1	18.7
40°	57.6	57.0	51.9	47.4	43.2	35.5	32.0	28.8	27.8	26.2	26.2
37.5°	82.7	81.6	84.5	82.1	72.4	61.4	49.3	39.9	34.9	38.4	37.6
35°	120.2	121.2	128.9	120.7	113.2	107.5	83.1	60.0	52.0	57.8	53.7
32.5°	171.0	207.6	220.9	198.0	188.9	178.3	143.6	99.2	92.5	88.7	78.7
30°	398.3	363.8	362.2	356.5	342.7	296.8	228.4	226.0	185.0	129.6	111.3
27.5°	654.0	565.5	543.2	597.2	554.3	477.9	432.6	429.1	324.2	223.4	156.3
25°	985.1	899.5	816.7	861.8	844.7	708.7	657.9	647.9	559.6	352.9	212.4
22.5°	1368.9	1269.5	1171.1	1133.5	1092.2	946.7	861.5	854.5	818.1	507.5	317.7
20°	1721.2	1605.3	1479.8	1386.0	1271.1	1128.9	1033.9	1018.3	919.8	682.4	428.2
17.5°	2469.6	1957.6	1777.7	1630.8	1477.2	1301.4	1242.5	1176.5	1044.5	833.2	534.7
15°	3843.4	2713.7	2190.4	1916.0	1749.8	1640.7	1523.6	1383.1	1190.6	952.3	680.9
12.5°	7534.0	3929.5	2695.2	2301.6	2160.6	2009.3	1847.8	1636.3	1375.0	1151.8	903.9
10°	11542.8	5978.4	3578.2	2815.7	2569.7	2384.0	2137.2	1860.1	1592.2	1373.9	1130.5
7.5°	16260.3	8557.3	4490.9	3247.6	2881.9	2631.4	2338.2	2045.4	1782.6	1577.7	1355.7
5°	19836.1	10348.7	5094.4	3555.7	3105.9	2860.0	2529.4	2207.0	1950.3	1765.6	1573.5
2.5°	21333.8	11165.3	5475.5	3831.7	3303.7	3061.9	2710.0	2346.5	2078.9	1885.0	1693.1
0°	22607.9	11949.2	5797.5	3961.4	3463.2	3210.5	2877.5	2469.0	2186.8	1984.8	1793.6
-2.5°	21123.1	11108.6	5491.1	3873.0	3373.5	3093.7	2846.2	2538.4	2246.4	2022.1	1792.6
-5°	18760.5	9598.6	5112.8	3741.4	3288.6	3036.0	2835.3	2590.7	2294.1	2052.8	1764.3
-7.5°	16311.4	8115.5	4656.0	3575.0	3200.5	3003.0	2843.7	2624.9	2336.0	2107.7	1776.1
-10°	12344.3	6486.5	4271.1	3514.3	3185.0	2984.8	2861.5	2639.4	2373.2	2153.3	1751.8
-12.5°	9708.5	5166.6	3884.2	3483.2	3259.4	3058.4	2892.4	2626.2	2408.8	2190.6	1687.4
-15°	6297.3	4393.2	3679.5	3461.1	3322.8	3095.9	2881.8	2571.2	2345.2	2169.4	1580.2
-17.5°	4814.7	3752.0	3400.4	3267.5	3160.3	3060.6	2804.2	2482.3	2210.7	1957.7	1350.4
-20°	3678.2	3347.6	3153.5	3006.4	2878.4	2753.7	2624.0	2314.2	2039.8	1649.2	1117.0



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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°	3199.4	3017.3	2874.7	2726.3	2518.7	2410.6	2285.7	2063.1	1832.0	1331.4	891.0
-25°	2826.1	2711.9	2626.5	2467.0	2224.6	2072.5	1995.6	1833.9	1503.5	1050.8	701.0
-27.5°	2560.3	2500.3	2431.7	2278.7	2066.4	1879.0	1763.7	1593.1	1182.0	834.6	656.5
-30°	2384.6	2359.0	2277.4	2136.8	1942.5	1767.0	1580.2	1256.4	931.3	670.3	621.9
-32.5°	2294.3	2225.5	2125.0	1966.1	1805.2	1645.5	1317.0	964.1	706.9	636.2	596.8
-35°	2169.6	2052.1	1907.8	1792.3	1684.3	1369.9	1033.6	753.2	639.8	606.9	575.0
-37.5°	2014.1	1843.1	1735.1	1611.5	1348.2	1055.5	780.0	658.6	615.5	585.5	541.4
-40°	1885.0	1718.8	1472.8	1251.0	1004.4	754.7	676.5	636.3	601.6	555.6	500.6
-42.5°	1577.3	1332.3	1109.5	887.6	714.8	685.2	653.3	620.3	575.3	515.3	457.4
-45°	1097.8	906.2	735.7	709.8	682.7	658.9	634.6	586.3	529.3	471.9	413.4
-47.5°	745.9	724.2	700.6	679.4	659.1	632.2	586.2	534.6	481.2	427.0	375.4
-50°	714.6	700.9	682.6	655.4	617.6	576.8	531.2	482.1	434.1	387.2	338.1
-52.5°	710.4	677.7	642.3	603.8	562.7	521.3	477.1	435.9	393.1	347.7	301.8
-55°	660.2	624.7	587.0	547.4	506.8	469.7	431.6	391.9	350.5	307.4	268.6
-57.5°	599.1	564.8	530.1	494.0	456.5	419.3	381.8	344.0	308.3	271.8	236.4
-60°	543.2	509.0	475.5	439.6	401.1	364.1	332.6	300.5	267.9	238.0	208.0
-62.5°	484.2	453.8	417.7	380.7	346.5	315.8	286.4	258.0	231.9	205.4	170.5
-65°	402.0	371.6	342.0	313.7	286.9	262.0	237.3	210.1	181.9	154.9	125.2
-67.5°	306.9	283.6	261.8	240.0	216.2	192.4	167.9	144.4	124.2	104.9	82.4
-70°	205.3	185.9	166.9	148.7	133.2	118.8	103.5	87.7	71.5	60.2	49.7
-72.5°	114.9	103.1	91.8	81.0	69.4	62.0	55.8	49.1	41.6	33.3	27.4
-75°	57.1	52.0	47.0	42.7	38.2	33.4	30.6	28.4	26.3	24.4	22.6
-77.5°	31.7	29.7	27.9	26.9	25.8	24.5	23.1	21.8	20.7	19.5	18.3
-80°	23.4	22.1	20.9	20.2	19.5	18.8	18.1	17.1	16.2	15.3	14.7
-82.5°	16.8	16.0	15.2	14.9	14.6	14.3	13.9	13.5	13.0	12.6	12.2
-85°	12.6	12.0	11.3	11.2	11.0	10.8	10.5	10.4	10.2	10.0	9.7
-87.5°	10.1	9.7	9.3	9.0	8.8	8.5	8.3	8.2	8.2	8.1	7.9
-90°	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.2	3.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.8	6.5	6.2	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
87.5°	3.5	3.5	3.5	3.5	3.7	3.8	3.9	4.0	4.1	4.3	4.5
85°	3.5	3.5	3.5	3.5	3.8	4.1	4.3	4.5	4.5	4.5	4.6
82.5°	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7
80°	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7
77.5°	3.9	3.7	3.5	3.6	3.9	4.2	4.5	4.7	4.7	4.7	4.7
75°	4.7	4.5	4.3	4.1	4.1	4.2	4.5	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.5	4.5	4.6	4.7	4.7	4.7	4.7
70°	6.2	5.0	4.7	4.7	4.7	4.7	4.7	4.8	4.7	4.7	4.7
67.5°	8.9	7.0	5.7	4.8	4.7	4.7	4.7	4.8	4.9	4.7	4.7
65°	15.7	10.6	7.0	5.8	5.0	4.7	4.7	5.0	5.1	5.0	4.7
62.5°	20.3	15.4	10.6	7.3	5.5	4.9	4.7	5.0	5.3	5.2	4.9
60°	22.5	17.7	13.9	10.3	6.9	5.0	4.8	5.1	5.3	5.5	5.2
57.5°	20.7	19.0	16.2	12.9	9.4	6.1	4.9	5.1	5.4	5.7	5.6
55°	17.8	16.5	17.3	15.0	11.5	8.0	5.5	5.2	5.5	5.7	5.9
52.5°	14.9	15.2	16.5	16.2	13.3	9.7	7.0	5.3	5.5	5.8	5.9
50°	12.3	14.5	16.1	16.5	14.9	11.5	8.3	6.2	5.6	5.8	5.9
47.5°	11.9	14.4	15.9	17.1	16.0	13.0	9.6	7.1	5.7	5.9	5.9
45°	14.1	15.2	16.4	17.2	17.0	14.0	10.9	7.7	6.2	5.9	5.9
42.5°	17.4	17.8	18.0	17.6	17.3	14.6	12.0	8.7	6.6	6.0	5.9
40°	23.9	21.5	20.6	20.5	18.2	15.0	12.4	9.6	6.9	6.2	6.0
37.5°	31.4	27.4	24.5	26.1	20.8	16.5	12.6	10.3	7.7	6.7	6.2
35°	44.7	35.1	33.1	33.9	27.8	18.5	12.6	10.7	8.9	7.3	6.3
32.5°	60.9	51.5	49.2	43.3	36.8	21.2	13.8	11.7	10.1	7.9	6.5
30°	90.0	82.1	70.9	54.1	47.2	29.5	16.8	12.9	11.4	8.5	6.7
27.5°	134.4	117.6	98.2	73.5	57.4	39.6	20.5	14.3	12.8	9.3	7.2
25°	181.3	158.3	132.2	98.5	68.7	53.2	24.1	16.0	14.0	10.4	7.7
22.5°	233.6	200.1	169.2	126.8	86.7	68.9	31.3	19.0	15.3	11.5	8.3
20°	286.4	242.0	210.3	158.4	111.2	83.9	43.2	21.9	16.6	12.6	8.8
17.5°	346.5	294.6	258.6	195.8	138.1	100.4	56.0	24.7	18.0	13.6	9.3
15°	466.8	359.4	309.8	236.8	164.0	117.9	69.3	27.2	19.5	14.6	9.8
12.5°	612.6	423.5	363.4	280.2	188.7	136.1	82.8	29.6	21.0	15.6	10.3
10°	773.1	486.3	418.5	324.8	212.0	154.6	96.1	33.2	23.3	16.7	10.7
7.5°	940.9	547.6	473.8	369.3	236.6	179.4	122.8	39.9	25.8	17.6	11.0
5°	1093.8	604.1	529.3	422.3	274.5	210.0	151.9	46.8	28.3	18.6	11.3
2.5°	1172.1	653.1	582.3	473.2	311.1	239.2	180.3	53.6	30.8	19.4	11.6
0°	1229.2	699.0	631.7	519.5	346.0	266.9	206.6	60.2	33.1	20.1	11.8
-2.5°	1210.4	710.7	645.4	541.5	382.8	295.0	228.6	77.8	43.2	26.0	14.6
-5°	1173.3	720.3	656.4	559.7	416.7	321.4	246.9	94.3	52.9	31.7	17.2
-7.5°	1156.9	725.1	663.2	573.9	447.2	345.6	261.3	109.5	61.9	36.9	19.6
-10°	1120.8	726.2	664.4	573.3	449.5	355.3	269.2	122.8	70.1	41.5	21.8
-12.5°	1051.2	725.8	664.8	567.4	443.6	351.2	258.7	130.7	77.1	45.5	23.6
-15°	944.9	724.1	664.9	555.8	434.1	345.2	247.0	135.4	82.6	49.0	25.0
-17.5°	793.9	721.2	665.2	538.1	420.7	337.1	234.8	138.6	87.2	52.3	26.6
-20°	735.6	701.9	661.7	514.1	403.3	326.9	222.7	140.2	90.6	54.8	28.1



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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°	700.7	668.6	610.4	491.2	385.7	314.7	211.1	140.1	93.0	56.3	28.9
-25°	661.5	633.9	556.8	456.1	370.3	296.6	204.8	138.4	94.1	56.8	28.8
-27.5°	622.2	592.3	507.2	421.2	349.8	280.8	201.6	139.0	94.2	56.3	27.9
-30°	582.6	538.9	466.2	389.3	328.2	260.7	196.3	138.2	93.4	55.1	26.1
-32.5°	553.9	492.4	428.1	364.3	304.6	239.8	184.5	135.9	91.1	53.0	25.1
-35°	518.8	455.0	392.2	338.3	280.1	222.1	170.7	131.9	87.3	49.5	24.2
-37.5°	482.1	420.1	363.2	311.3	255.2	203.4	159.2	121.7	82.1	44.7	22.7
-40°	442.9	385.9	334.5	283.7	232.6	183.7	146.8	110.5	75.4	38.5	20.7
-42.5°	402.7	352.9	304.5	255.9	210.1	169.0	133.4	98.4	65.0	34.1	18.1
-45°	364.9	318.7	273.6	230.6	187.8	153.4	118.9	85.3	53.8	30.5	16.1
-47.5°	326.1	284.7	244.6	204.9	169.9	136.7	103.2	72.1	42.1	26.2	15.5
-50°	289.5	252.6	217.1	183.3	151.3	118.2	86.9	58.4	35.9	20.8	14.6
-52.5°	259.1	223.8	192.5	162.6	130.3	98.5	71.2	44.9	29.1	18.1	13.7
-55°	230.7	197.4	169.5	138.7	107.6	80.3	55.0	36.5	21.9	16.7	12.6
-57.5°	204.5	172.9	142.2	112.3	85.7	61.8	42.4	27.6	18.9	15.1	11.9
-60°	176.4	141.7	111.8	87.0	64.0	45.7	31.6	20.6	17.1	13.7	11.1
-62.5°	137.7	108.0	83.4	61.9	46.0	33.0	21.9	18.6	15.2	12.7	10.3
-65°	99.5	75.9	55.5	43.5	31.6	22.6	19.5	16.4	14.0	11.7	9.6
-67.5°	61.4	49.4	38.1	27.4	22.7	19.8	17.1	14.9	12.8	10.7	9.0
-70°	39.3	29.4	24.8	22.1	19.5	17.1	15.5	13.7	11.7	10.1	8.5
-72.5°	25.2	23.0	20.7	18.5	17.0	15.5	14.0	12.4	10.9	9.4	7.9
-75°	20.7	19.1	17.8	16.6	15.2	13.9	12.7	11.6	10.1	8.7	7.5
-77.5°	17.2	16.2	15.4	14.5	13.3	12.3	11.4	10.7	9.4	8.2	7.1
-80°	14.1	13.5	12.8	11.9	11.2	10.6	10.2	9.8	8.7	7.7	6.7
-82.5°	11.6	11.0	10.4	10.0	9.7	9.4	9.2	8.9	7.9	7.1	6.4
-85°	9.4	9.1	8.9	8.6	8.5	8.3	8.1	7.9	7.3	6.7	6.3
-87.5°	7.8	7.7	7.5	7.3	7.2	7.1	7.0	6.9	6.6	6.3	6.1
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.8	4.1	4.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.9	5.6	5.3	5.0	4.7	4.7	4.7
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
80°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
77.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
75°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
70°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
65°	4.8	4.7	4.7	4.7	4.7	4.7	4.7
62.5°	4.8	4.8	4.7	4.7	4.7	4.7	4.7
60°	4.9	4.9	4.7	4.7	4.7	4.7	4.7
57.5°	5.2	5.1	4.8	4.7	4.7	4.7	4.7
55°	5.4	5.2	4.9	4.7	4.7	4.7	4.7
52.5°	5.6	5.3	5.1	4.7	4.8	4.7	4.7
50°	5.8	5.5	5.2	4.7	4.8	4.7	4.7
47.5°	5.9	5.6	5.3	4.7	4.8	4.7	4.7
45°	5.9	5.7	5.5	4.8	4.8	4.7	4.7
42.5°	5.9	5.8	5.6	4.9	4.9	4.7	4.7
40°	5.9	5.8	5.7	5.1	4.9	4.7	4.7
37.5°	5.9	5.9	5.8	5.2	5.0	4.7	4.7
35°	5.9	5.9	5.8	5.3	5.0	4.7	4.7
32.5°	5.9	5.9	5.9	5.4	5.1	4.7	4.7
30°	6.1	5.9	5.9	5.5	5.1	4.7	4.7
27.5°	6.2	5.9	5.9	5.6	5.2	4.7	4.7
25°	6.3	5.9	5.9	5.7	5.3	4.7	4.7
22.5°	6.5	5.9	5.9	5.7	5.3	4.7	4.7
20°	6.6	6.0	5.9	5.8	5.4	4.7	4.7
17.5°	6.9	6.1	5.9	5.8	5.5	4.7	4.7
15°	7.1	6.2	5.9	5.9	5.5	4.7	4.7
12.5°	7.3	6.4	5.9	5.9	5.6	4.7	4.7
10°	7.5	6.5	5.9	5.9	5.7	4.7	4.7
7.5°	7.8	6.7	5.9	5.9	5.7	4.7	4.7
5°	8.0	6.8	5.9	5.9	5.8	4.7	4.7
2.5°	8.1	7.0	5.9	5.9	5.8	4.7	4.7
0°	8.3	7.1	5.9	5.9	5.9	4.7	4.7
-2.5°	9.2	7.3	6.0	6.0	5.9	4.7	4.7
-5°	10.1	7.6	6.1	6.1	5.9	4.8	4.7
-7.5°	10.9	7.8	6.2	6.1	5.9	4.8	4.7
-10°	11.7	8.0	6.3	6.2	5.9	4.8	4.7
-12.5°	12.3	8.1	6.4	6.3	5.9	4.8	4.7
-15°	12.8	8.3	6.5	6.3	5.8	4.9	4.7
-17.5°	13.2	8.4	6.6	6.4	5.8	4.9	4.7
-20°	13.6	8.4	6.7	6.4	5.8	4.9	4.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.1	8.5	6.8	6.4	5.8	4.9	4.7
-25°	14.3	8.6	6.9	6.4	5.8	4.9	4.7
-27.5°	14.1	8.7	7.0	6.5	5.8	4.9	4.7
-30°	13.7	8.8	7.1	6.4	5.7	5.0	4.7
-32.5°	12.9	8.8	7.2	6.4	5.7	5.0	4.7
-35°	12.6	8.7	7.4	6.4	5.7	5.0	4.7
-37.5°	12.5	8.6	7.4	6.3	5.7	5.0	4.7
-40°	12.2	8.7	7.5	6.2	5.7	5.0	4.7
-42.5°	11.9	8.8	7.4	6.2	5.7	5.0	4.7
-45°	11.4	8.7	7.3	6.1	5.7	5.0	4.7
-47.5°	10.9	8.6	7.2	6.0	5.7	5.0	4.7
-50°	10.6	8.5	7.1	6.0	5.7	5.0	4.7
-52.5°	10.3	8.3	6.9	6.0	5.7	5.0	4.7
-55°	9.9	8.1	6.7	6.0	5.7	5.0	4.7
-57.5°	9.4	7.8	6.5	6.0	5.7	5.0	4.7
-60°	8.9	7.5	6.3	6.0	5.7	5.0	4.7
-62.5°	8.5	7.2	6.3	6.0	5.7	4.9	4.7
-65°	8.0	6.9	6.2	6.0	5.6	4.9	4.7
-67.5°	7.6	6.6	6.2	5.9	5.5	4.9	4.7
-70°	7.1	6.5	6.1	5.9	5.5	4.9	4.7
-72.5°	6.8	6.3	6.0	5.8	5.4	4.9	4.7
-75°	6.5	6.1	5.9	5.7	5.3	4.8	4.7
-77.5°	6.2	6.0	5.8	5.6	5.2	4.8	4.7
-80°	5.9	5.9	5.7	5.5	5.1	4.8	4.7
-82.5°	5.9	5.8	5.6	5.3	5.0	4.8	4.7
-85°	5.9	5.7	5.5	5.2	4.9	4.8	4.7
-87.5°	5.9	5.7	5.4	5.1	4.8	4.7	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)