

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: P1306067 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-2S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

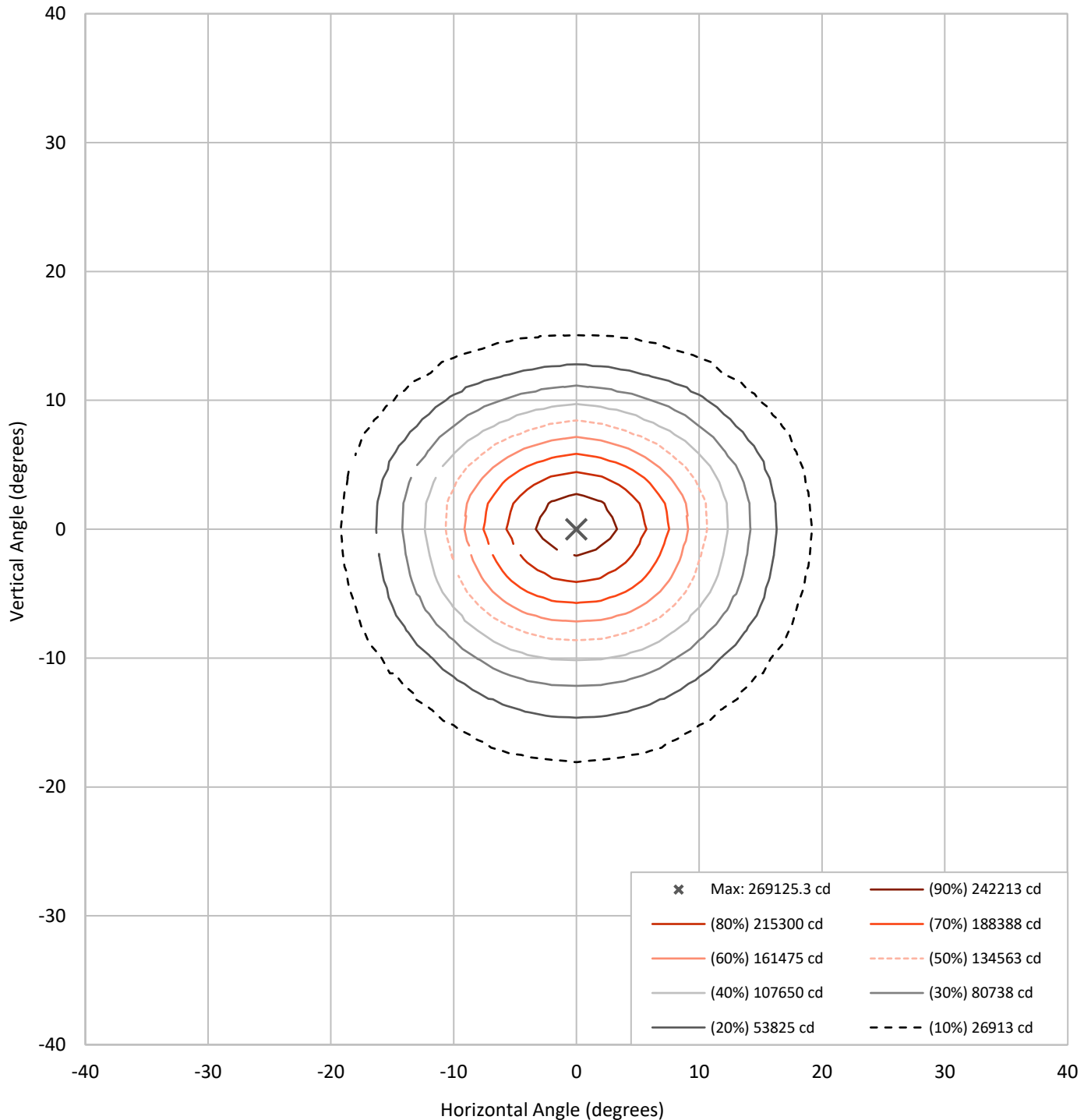
Test Method: LM-79-08  
Report Number: P1306067 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-50-80-2S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	36299.5 lumens	Max Intensity:	269125.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	15885.5 lumens	Field Lumens:	30747.6 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
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





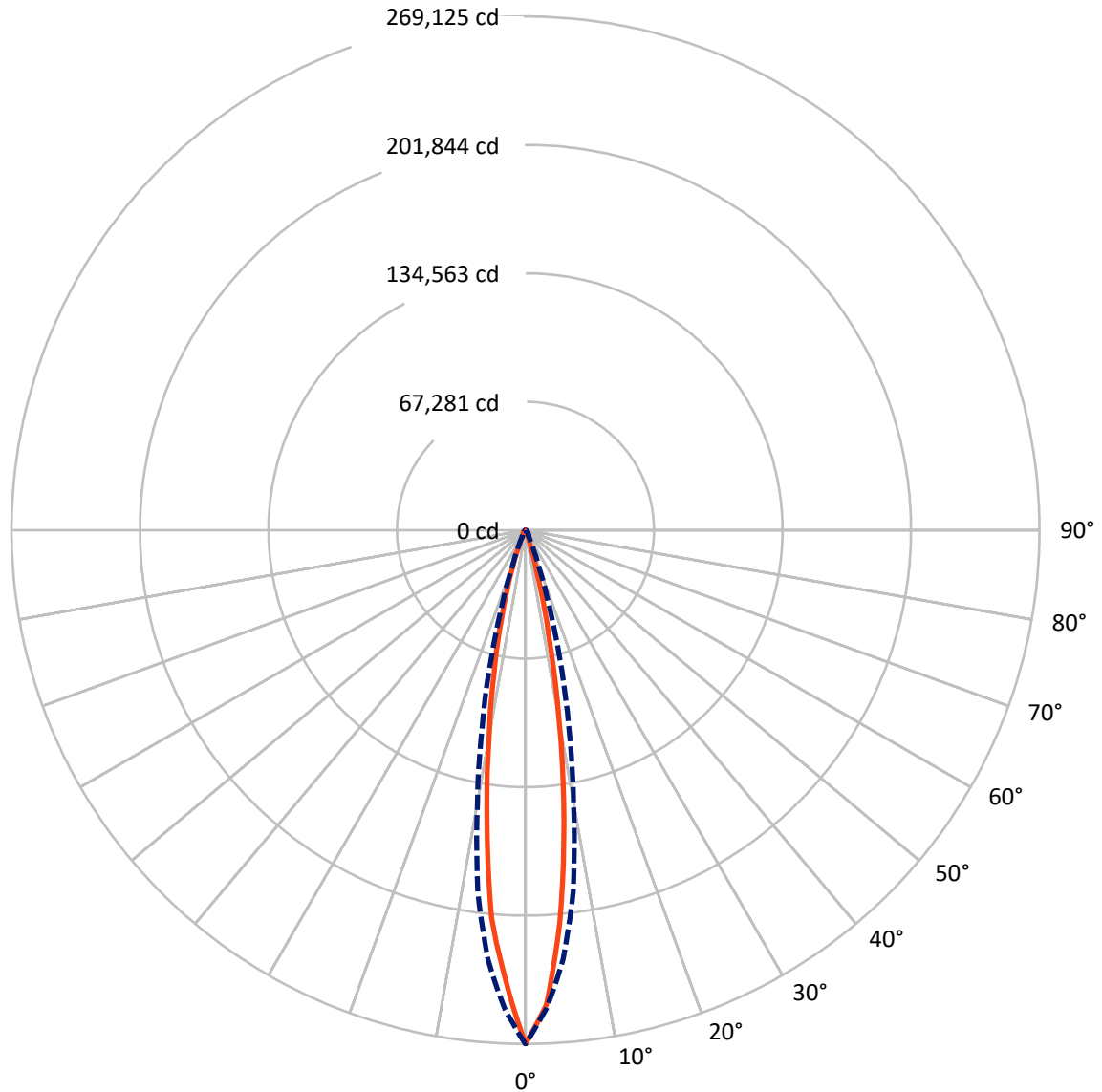
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### Lumen Table

90	0.1	0.3		0.4		0.4		0.6		0.4		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.4		0.6		0.4		0.4		0.3		0.1			
70	0.1	0.1	0.1	0.4	0.5	0.3	0.1	0.1	0.1	0.1	0.3	0.5	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.1	0.1			
40		0.2	0.4	0.5	1.0	1.3	1.5	1.8	1.8	1.5	1.3	1.0	0.5	0.4	0.2				
30	0.2	0.3	0.9	2.3	4.5	5.8	10.3	21.8	21.8	10.3	5.8	4.5	2.3	0.9	0.3	0.2			
20		0.7	3.3	11.2	23.3	42.3	292.0	899.5	899.5	292.0	42.3	23.3	11.2	3.3	0.7				
10	0.2	1.3	6.9	27.1	54.4	172.7	1686.0	5012.0	5012.0	1686.0	172.7	54.4	27.1	6.9	1.3	0.2			
0		1.7	8.2	31.7	62.1	180.2	1721.0	5039.0	5039.0	1721.0	180.2	62.1	31.7	8.2	1.7				
-10	0.4	1.8	7.2	23.7	48.0	77.8	475.2	1411.7	1411.7	475.2	77.8	48.0	23.7	7.2	1.8	0.4			
-20		1.7	6.1	14.0	35.7	50.7	76.6	160.7	160.7	76.6	50.7	35.7	14.0	6.1	1.7				
-30	0.3	1.5	4.9	9.7	21.8	41.8	53.2	57.2	57.2	53.2	41.8	21.8	9.7	4.9	1.5	0.3			
-40		1.1	3.6	7.8	13.2	21.4	34.7	45.1	45.1	34.7	21.4	13.2	7.8	3.6	1.1				
-50	0.2	0.5	2.1	4.9	8.9	13.0	16.1	17.9	17.9	16.1	13.0	8.9	4.9	2.1	0.5	0.2			
-60		0.2	0.7	2.1	4.0	6.1	8.3	9.7	9.7	8.3	6.1	4.0	2.1	0.7	0.2				
-70	0.1	0.7		1.8		4.5		7.1		4.5		1.8		0.7		0.1			
-80		0.7		1.8		4.5		7.1		4.5		1.8		0.7					
-90	0.1	0.7		1.8		4.5		7.1		4.5		1.8		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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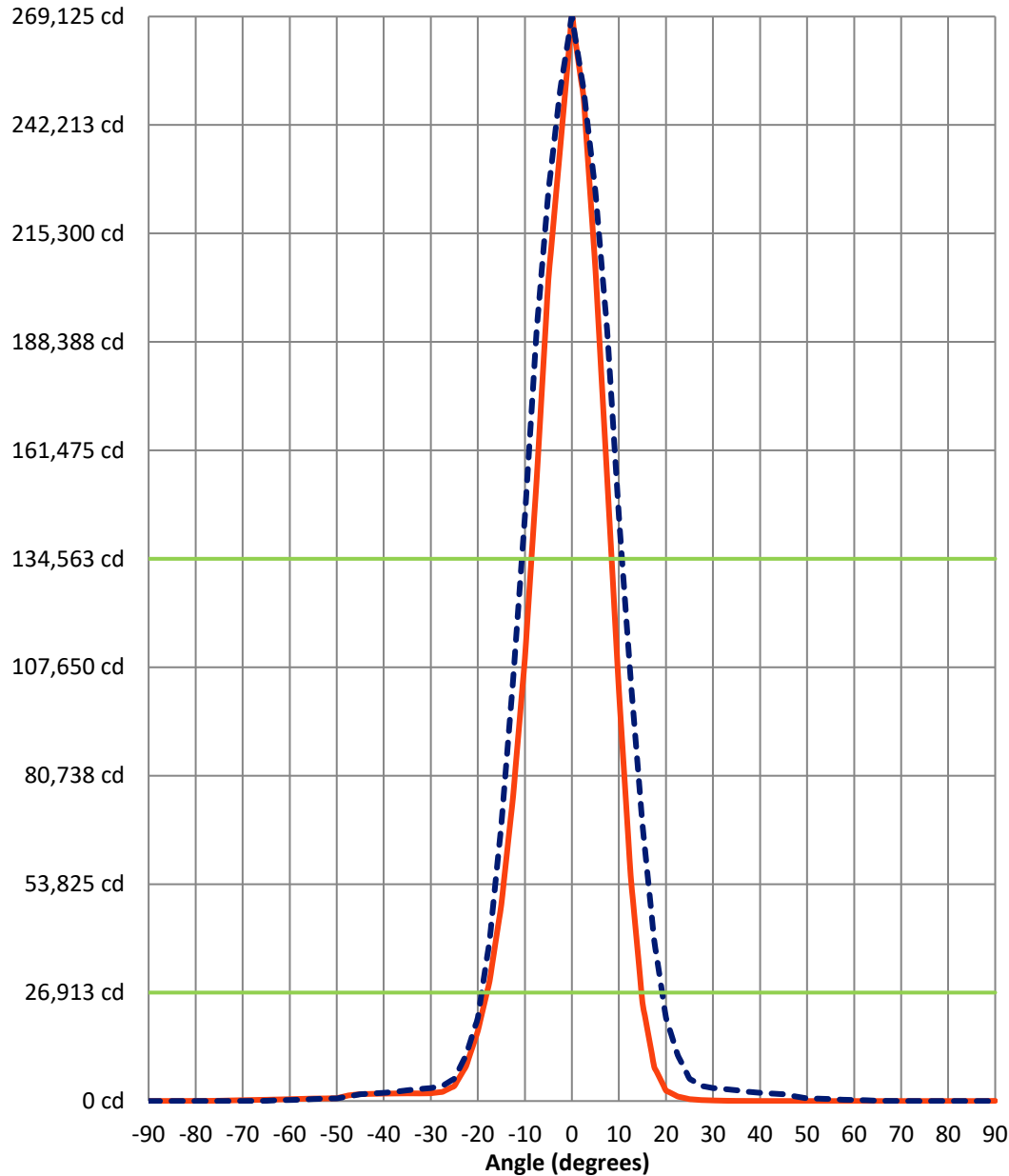
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.3°  
 V Angle: 17°  
 Lumens: 15885.5  
 Efficiency: 43.8%

**Field:**  
 H Angle: 38.4°  
 V Angle: 32.9°  
 Lumens: 30747.6  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 5551.9  
 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°	4.5	4.5	4.5	4.8	5.1	5.3	5.6	5.9	6.2	6.4	6.7
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	4.6	4.5	4.5	4.5	4.5	4.5
72.5°	4.5	4.5	4.5	4.5	4.6	4.7	4.6	4.5	4.5	4.5	4.5
70°	4.5	4.5	4.5	4.5	4.7	4.7	4.6	4.5	4.5	4.5	4.5
67.5°	4.5	4.5	4.5	4.6	4.8	4.8	4.6	4.5	4.5	4.7	4.6
65°	4.5	4.5	4.5	4.7	4.9	4.9	4.6	4.5	4.7	4.9	4.7
62.5°	4.5	4.5	4.5	4.9	5.1	4.9	4.7	4.7	5.0	5.0	4.8
60°	4.5	4.5	4.5	5.0	5.2	5.0	4.7	5.0	5.3	5.1	4.8
57.5°	4.5	4.5	4.6	5.1	5.2	5.0	5.0	5.3	5.4	5.1	5.2
55°	4.5	4.5	4.7	5.2	5.2	5.0	5.2	5.6	5.4	5.3	5.6
52.5°	4.5	4.5	4.7	5.3	5.3	5.1	5.5	5.7	5.5	5.7	6.1
50°	4.5	4.5	4.8	5.4	5.3	5.3	5.8	5.8	5.6	6.1	7.0
47.5°	4.5	4.5	4.9	5.5	5.3	5.5	6.0	6.0	6.0	6.5	7.8
45°	4.5	4.5	5.0	5.6	5.4	5.7	6.2	6.1	6.4	7.0	8.4
42.5°	4.5	4.5	5.0	5.6	5.4	6.0	6.3	6.4	6.8	7.4	9.3
40°	4.5	4.5	5.1	5.6	5.5	6.2	6.5	6.8	7.2	7.6	10.2
37.5°	4.5	4.5	5.1	5.6	5.7	6.4	6.7	7.1	7.8	8.4	10.9
35°	4.5	4.5	5.2	5.7	5.8	6.5	6.9	7.5	8.4	9.6	11.3
32.5°	4.5	4.5	5.3	5.7	6.0	6.7	7.1	7.8	9.0	10.9	12.3
30°	4.5	4.5	5.3	5.8	6.1	6.9	7.4	8.2	9.7	12.1	13.4
27.5°	4.5	4.5	5.4	5.8	6.2	7.0	7.7	8.7	10.5	13.3	14.7
25°	4.5	4.5	5.4	5.9	6.3	7.2	8.0	9.3	11.5	14.4	16.3
22.5°	4.5	4.5	5.4	6.0	6.4	7.4	8.2	9.9	12.5	15.6	19.4
20°	4.5	4.5	5.5	6.0	6.5	7.5	8.5	10.5	13.5	16.9	22.8
17.5°	4.5	4.5	5.5	6.1	6.6	7.5	8.7	11.0	14.4	18.2	26.4
15°	4.5	4.5	5.5	6.2	6.6	7.6	8.9	11.6	15.3	19.6	30.3
12.5°	4.5	4.5	5.5	6.3	6.7	7.7	9.1	12.0	16.2	21.0	34.2
10°	4.5	4.5	5.6	6.4	6.7	7.7	9.4	12.3	17.1	23.4	38.9
7.5°	4.5	4.5	5.6	6.5	6.7	7.8	9.6	12.7	18.0	26.0	45.2
5°	4.5	4.5	5.6	6.5	6.7	7.8	9.8	13.0	18.8	28.6	51.3
2.5°	4.5	4.5	5.6	6.6	6.7	7.8	9.9	13.2	19.5	31.2	57.2
0°	4.5	4.5	5.6	6.7	6.7	7.8	10.1	13.4	20.2	33.6	62.7
-2.5°	4.5	4.5	5.6	6.8	6.9	8.0	11.0	16.0	25.4	41.6	72.8
-5°	4.5	4.5	5.7	6.8	7.1	8.3	11.8	18.5	30.4	49.2	82.3
-7.5°	4.5	4.6	5.7	6.9	7.3	8.5	12.6	20.8	35.1	56.3	90.9
-10°	4.5	4.6	5.8	6.9	7.5	8.7	13.2	22.9	39.3	62.7	98.6
-12.5°	4.5	4.6	5.8	7.0	7.7	8.9	13.8	24.6	42.9	68.4	105.2
-15°	4.5	4.6	5.8	7.0	7.8	9.1	14.2	25.9	46.1	73.3	110.7
-17.5°	4.5	4.7	5.8	7.0	8.0	9.3	14.5	27.3	49.0	77.4	115.0
-20°	4.5	4.7	5.8	7.1	8.1	9.5	14.8	28.6	51.2	80.6	118.0



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 CATALOG NUMBER: EPH-08-320N-50-80-2S-CV5-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	5.9	7.1	8.2	9.6	15.1	29.2	52.6	82.9	119.7
-25°	4.5	4.7	5.9	7.1	8.3	9.8	15.2	29.1	53.1	84.2	119.9
-27.5°	4.5	4.7	5.9	7.1	8.3	10.0	14.9	28.4	52.8	84.6	121.0
-30°	4.5	4.7	5.9	7.1	8.4	10.1	14.3	26.9	51.9	84.0	120.8
-32.5°	4.5	4.7	5.8	7.1	8.4	10.2	13.4	26.0	50.1	82.2	119.4
-35°	4.5	4.8	5.8	7.1	8.4	10.2	13.1	24.9	47.3	79.1	116.6
-37.5°	4.5	4.8	5.8	7.0	8.4	10.1	13.1	23.3	43.4	74.7	108.3
-40°	4.5	4.8	5.8	7.0	8.4	10.1	13.0	21.1	38.4	69.2	98.8
-42.5°	4.5	4.8	5.8	7.0	8.3	10.0	12.7	18.4	34.4	60.6	88.3
-45°	4.5	4.8	5.7	6.9	8.3	10.0	12.3	16.4	30.7	50.9	77.0
-47.5°	4.5	4.8	5.7	6.9	8.2	9.8	11.8	15.8	26.3	40.8	65.6
-50°	4.5	4.8	5.7	6.8	8.1	9.7	11.6	15.0	20.8	34.5	53.4
-52.5°	4.5	4.8	5.6	6.7	8.0	9.5	11.4	14.1	18.1	27.9	41.3
-55°	4.5	4.8	5.6	6.6	7.9	9.4	11.1	13.1	16.6	21.0	33.5
-57.5°	4.5	4.7	5.5	6.5	7.7	9.1	10.8	12.7	15.1	18.2	25.5
-60°	4.5	4.7	5.5	6.4	7.5	8.9	10.5	12.3	13.8	16.6	19.3
-62.5°	4.5	4.7	5.4	6.3	7.3	8.6	10.1	11.7	13.1	14.9	17.5
-65°	4.5	4.7	5.3	6.1	7.1	8.3	9.7	11.1	12.4	13.9	15.8
-67.5°	4.5	4.7	5.3	6.0	6.9	8.0	9.3	10.6	11.6	12.9	14.4
-70°	4.5	4.7	5.2	5.9	6.7	7.7	8.9	10.1	11.1	11.9	13.2
-72.5°	4.5	4.7	5.1	5.7	6.4	7.3	8.4	9.5	10.5	11.4	12.1
-75°	4.5	4.6	5.0	5.6	6.2	6.9	7.8	8.9	10.0	10.9	11.6
-77.5°	4.5	4.6	5.0	5.5	6.0	6.5	7.3	8.3	9.3	10.3	11.2
-80°	4.5	4.6	4.9	5.3	5.8	6.3	6.7	7.7	8.6	9.5	10.4
-82.5°	4.5	4.6	4.8	5.2	5.6	6.0	6.4	7.1	7.9	8.7	9.5
-85°	4.5	4.5	4.7	5.1	5.4	5.8	6.2	6.7	7.3	7.9	8.6
-87.5°	4.5	4.5	4.6	4.9	5.2	5.6	5.9	6.3	6.7	7.2	7.7
-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°	6.7	6.7	6.7	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.7
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	3.6	3.6	3.6	3.5	3.4	3.2	3.1	3.0
82.5°	4.3	4.2	4.2	4.2	4.1	3.9	3.7	3.4	3.4	3.4	3.4
80°	4.5	4.5	4.5	4.5	4.3	4.0	3.7	3.4	3.4	3.4	3.5
77.5°	4.5	4.5	4.5	4.5	4.3	4.1	4.0	4.0	4.0	3.9	3.7
75°	4.5	4.5	4.5	4.5	4.4	4.4	4.5	4.5	4.4	4.3	4.3
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.4	6.7	7.5
70°	4.5	4.5	4.5	4.5	4.5	4.9	6.5	8.7	10.9	12.2	13.6
67.5°	4.5	4.5	4.5	4.7	5.8	7.7	10.1	14.9	20.2	21.8	21.8
65°	4.5	4.5	5.0	6.2	7.6	11.4	16.6	22.9	27.7	26.9	25.0
62.5°	4.5	5.0	6.1	8.0	11.1	15.9	20.7	25.2	30.0	28.7	24.4
60°	5.0	5.6	7.7	10.9	14.3	17.5	22.2	25.1	27.6	27.7	21.4
57.5°	5.5	6.9	10.1	13.3	15.9	18.0	20.0	22.2	23.0	22.5	16.4
55°	6.4	8.7	12.0	15.0	16.7	15.8	16.7	17.2	16.9	15.4	10.8
52.5°	7.8	10.4	13.6	16.0	16.1	14.1	12.5	12.6	11.4	9.4	8.0
50°	9.0	12.0	15.1	16.4	15.3	12.1	9.5	9.1	8.4	7.5	6.7
47.5°	10.3	13.5	16.3	16.7	13.7	11.1	8.7	7.9	7.4	7.3	7.0
45°	11.5	14.4	17.3	15.5	12.9	11.0	9.4	7.8	8.0	8.0	7.6
42.5°	12.5	15.0	16.3	14.5	13.2	11.9	10.7	9.6	9.0	9.1	9.1
40°	12.9	15.3	15.5	15.2	14.0	13.5	13.3	12.5	10.6	11.5	11.7
37.5°	13.1	15.1	15.9	17.1	15.8	16.2	16.7	17.0	15.7	14.8	17.0
35°	13.0	15.4	18.6	20.4	19.5	19.9	21.9	22.7	22.2	21.8	25.9
32.5°	13.3	16.2	22.3	24.4	25.7	26.4	28.1	29.6	31.2	33.7	41.4
30°	14.9	19.7	26.7	29.1	33.4	38.3	37.0	37.9	42.0	57.2	70.3
27.5°	18.2	24.4	31.1	36.0	43.2	53.5	55.0	50.6	63.8	87.0	108.7
25°	22.1	39.4	36.0	44.4	58.1	71.8	78.2	81.2	96.8	128.0	152.4
22.5°	30.3	59.3	57.9	53.5	75.2	93.2	108.9	140.2	184.1	194.0	199.1
20°	44.9	79.1	84.7	89.2	101.0	117.2	144.4	219.2	312.7	347.1	311.4
17.5°	62.2	100.7	114.7	135.2	162.0	167.1	189.6	313.5	474.4	530.5	541.4
15°	81.6	123.9	146.5	186.7	227.3	246.7	312.1	466.1	651.3	743.0	806.5
12.5°	102.4	148.2	179.8	242.4	296.2	326.8	466.2	701.0	878.8	985.9	1153.6
10°	124.0	173.2	213.9	300.9	367.4	406.8	636.5	943.6	1122.8	1244.6	1460.3
7.5°	146.4	197.3	247.7	360.6	439.8	486.4	815.8	1188.4	1360.3	1493.1	1710.4
5°	167.9	219.6	277.9	410.9	499.9	555.3	982.0	1428.5	1591.1	1731.9	1926.6
2.5°	187.7	240.8	307.1	457.1	550.4	607.3	1076.5	1565.8	1738.2	1905.8	2119.0
0°	204.9	260.9	334.8	499.4	597.9	657.3	1153.3	1685.2	1863.2	2045.7	2301.0
-2.5°	207.5	266.9	343.4	495.5	589.1	649.6	1133.2	1666.8	1883.2	2096.2	2362.8
-5°	207.3	271.4	349.7	487.7	577.5	639.6	1093.8	1624.7	1876.0	2087.2	2337.4
-7.5°	204.9	274.1	353.5	476.2	559.7	617.2	1018.0	1521.3	1784.7	1970.8	2211.2
-10°	200.8	273.1	348.2	456.7	534.4	586.9	921.1	1399.1	1688.7	1851.9	2065.7
-12.5°	195.6	269.2	339.8	435.8	509.6	556.0	808.8	1260.7	1590.4	1733.8	1908.8
-15°	189.6	264.3	330.0	414.4	486.4	524.7	682.3	1108.1	1493.4	1642.4	1779.3
-17.5°	183.1	258.6	318.9	393.2	465.6	493.6	545.6	941.6	1355.4	1542.8	1681.6
-20°	176.8	252.1	306.6	372.8	445.9	473.1	506.8	781.5	1154.5	1427.8	1574.7



REPORT NUMBER: P1306067 (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°	170.8	245.1	295.1	356.1	423.7	461.9	487.9	625.0	942.6	1299.2	1460.5
-25°	168.4	234.6	285.5	340.5	402.6	451.6	470.4	493.4	749.4	1091.2	1344.8
-27.5°	167.9	225.9	274.9	323.8	381.6	438.2	457.8	474.8	605.3	882.3	1211.0
-30°	165.7	213.9	263.0	307.2	361.5	414.5	448.1	466.8	496.2	710.3	983.9
-32.5°	158.4	201.3	249.0	292.9	340.6	391.8	440.1	463.1	487.1	546.0	775.3
-35°	149.0	189.8	234.1	277.4	319.2	369.6	419.2	460.0	478.1	505.5	601.1
-37.5°	140.2	177.0	218.8	260.7	301.1	346.6	396.9	442.6	474.3	495.5	529.6
-40°	130.1	163.1	203.4	243.6	282.4	323.8	370.5	417.8	460.5	497.0	523.3
-42.5°	118.9	150.8	187.0	225.9	262.3	301.4	342.8	388.6	437.1	487.1	524.2
-45°	106.1	137.1	169.8	205.1	240.4	277.1	316.2	357.4	406.6	457.6	507.2
-47.5°	92.3	122.1	153.0	182.9	216.5	251.1	287.6	327.8	371.3	419.7	470.7
-50°	77.8	105.5	134.4	161.9	191.0	223.3	257.0	295.5	336.0	378.3	424.1
-52.5°	63.6	87.7	114.4	141.0	166.7	194.2	225.9	260.5	297.8	336.9	375.1
-55°	48.7	70.7	93.6	118.6	143.4	167.3	193.7	224.8	256.8	292.3	326.2
-57.5°	37.4	53.4	73.6	95.1	118.5	141.9	165.5	189.0	217.2	246.7	274.6
-60°	28.0	39.1	54.2	72.9	92.2	114.2	137.4	159.6	181.1	201.4	225.5
-62.5°	19.8	28.5	38.6	51.2	68.2	85.8	105.8	127.0	148.8	166.4	182.5
-65°	18.0	19.9	26.8	35.9	45.0	60.3	76.3	92.1	110.7	127.7	143.6
-67.5°	16.1	17.9	19.7	22.8	31.0	39.8	48.7	62.6	76.4	88.7	100.8
-70°	14.6	15.9	17.4	19.0	20.7	24.4	32.1	39.9	47.6	56.6	67.3
-72.5°	13.2	14.5	15.6	16.6	18.1	19.9	21.7	23.7	28.1	34.4	40.8
-75°	12.3	13.2	14.3	15.3	16.2	17.2	18.4	20.0	21.5	22.9	24.1
-77.5°	11.7	12.2	13.0	14.0	14.7	15.2	15.9	16.8	17.9	19.1	20.3
-80°	10.8	11.2	11.6	12.1	12.7	13.1	13.6	14.0	14.6	15.4	16.3
-82.5°	9.8	10.1	10.3	10.6	10.8	11.0	11.3	11.6	12.0	12.4	12.8
-85°	8.8	9.0	9.2	9.3	9.3	9.2	9.2	9.2	9.4	9.6	9.8
-87.5°	7.8	7.8	7.9	8.0	8.0	8.0	7.9	7.8	7.9	7.9	8.0
-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°	9.0	9.0	9.0	9.0	9.0	12.1	15.1	18.2	21.3	26.6	31.9
87.5°	2.2	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	1.1	1.1
85°	3.0	2.8	2.6	2.4	2.2	2.2	2.1	2.1	2.1	1.9	1.6
82.5°	3.4	3.1	2.8	2.5	2.2	2.0	1.8	1.5	1.2	1.2	1.1
80°	3.4	3.1	2.8	2.5	2.2	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	3.6	3.4	3.1	2.7	2.3	2.2	2.2	2.2	2.2	2.0	1.7
75°	4.4	4.3	4.2	3.9	3.4	3.2	3.0	2.7	2.3	2.2	2.2
72.5°	8.0	7.9	7.5	7.1	6.2	5.6	5.4	5.2	4.9	4.8	4.8
70°	14.1	13.8	13.0	11.5	9.4	7.9	7.3	6.6	5.9	5.6	5.5
67.5°	19.8	17.6	15.5	13.3	10.7	8.7	7.6	6.5	5.3	4.7	4.7
65°	21.9	17.6	14.6	12.1	10.2	8.4	6.9	5.6	4.3	3.8	3.9
62.5°	19.8	14.6	11.4	9.3	7.7	6.5	5.4	4.5	3.8	3.4	3.5
60°	15.7	10.6	7.8	6.5	5.4	4.6	4.0	3.5	3.0	2.6	2.8
57.5°	11.4	7.6	5.5	5.1	4.5	3.7	3.2	3.0	3.0	3.0	3.2
55°	7.7	6.3	5.6	5.0	4.4	3.8	3.4	3.4	3.4	3.4	3.4
52.5°	6.4	6.0	5.7	5.2	4.6	4.0	3.4	3.4	3.4	3.4	3.4
50°	6.4	6.1	5.8	5.4	4.8	4.1	3.5	3.5	3.8	4.0	4.0
47.5°	6.5	6.2	6.0	5.6	5.1	4.8	4.5	4.6	5.0	5.2	5.1
45°	6.8	6.9	6.8	6.7	6.3	6.4	6.5	6.5	7.9	7.9	6.9
42.5°	8.4	8.9	9.4	9.7	8.4	10.9	14.7	16.5	14.4	11.7	9.9
40°	12.6	13.2	15.9	17.2	21.2	24.9	21.5	17.4	15.6	16.9	17.9
37.5°	20.1	23.9	29.1	35.2	32.7	26.1	26.2	26.2	25.5	27.7	27.6
35°	33.7	42.3	47.4	46.3	42.9	41.0	42.8	44.7	40.3	44.1	45.2
32.5°	54.3	64.5	65.9	62.4	62.6	66.0	72.1	71.2	72.6	77.0	82.1
30°	78.4	90.5	95.2	88.8	84.2	92.3	95.7	98.8	108.7	121.7	133.4
27.5°	117.9	126.8	134.9	128.2	114.8	124.8	131.9	129.7	157.1	171.8	204.4
25°	167.5	180.2	184.8	187.3	182.8	180.8	198.5	207.6	245.4	285.5	353.5
22.5°	228.8	263.3	273.0	260.2	274.5	284.6	296.5	337.0	412.6	535.5	710.9
20°	306.6	376.8	433.3	424.2	390.5	433.5	482.3	609.7	830.5	1326.9	1733.0
17.5°	552.7	553.9	666.9	712.3	656.8	750.2	989.4	1404.1	2316.6	3990.8	5076.3
15°	932.9	958.1	1010.1	1070.9	1170.8	1414.7	1896.6	3634.8	6252.4	9874.0	13590.3
12.5°	1336.0	1392.8	1481.8	1531.5	1735.4	2388.1	4455.4	8261.4	13786.5	20758.6	32324.2
10°	1682.5	1833.6	1948.2	2103.9	2629.7	4163.0	7730.1	14306.5	25443.9	40486.0	58263.8
7.5°	1927.4	2148.6	2342.3	2635.1	3727.2	6817.8	12800.6	23741.3	40563.8	61806.1	86312.8
5°	2173.8	2453.6	2670.9	3056.7	4428.0	8809.2	16770.7	32581.5	56872.8	85790.4	118565.6
2.5°	2424.1	2738.6	2978.0	3455.5	4876.4	9818.9	18784.9	37857.3	67657.1	102867.7	142659.3
0°	2676.1	2974.0	3225.9	3765.6	5572.8	11407.6	20682.2	39870.7	68661.9	104603.6	144993.9
-2.5°	2664.5	2861.2	3091.9	3510.1	5083.3	10501.2	19223.3	37680.5	64999.9	98337.6	134965.6
-5°	2563.2	2701.3	2884.1	3253.7	4547.7	8753.2	16625.8	32209.7	57409.4	87952.5	119523.9
-7.5°	2405.8	2521.7	2658.3	2963.3	3930.3	6966.9	13448.4	25833.8	45541.5	67669.8	91879.1
-10°	2254.8	2344.2	2441.3	2652.7	3274.0	5106.1	9540.7	17505.1	31702.0	48256.2	66679.8
-12.5°	2115.6	2187.0	2238.5	2327.9	2637.4	3698.5	6859.7	12555.1	20711.0	30965.6	44556.6
-15°	1973.8	2034.3	2061.0	2132.7	2335.1	2860.3	4134.6	7717.3	12947.0	19569.2	26460.4
-17.5°	1821.6	1893.4	1933.6	1979.6	2067.8	2285.4	2988.5	4494.9	7656.7	12102.4	16541.0
-20°	1696.4	1781.0	1815.4	1847.4	1928.7	2056.5	2257.2	2934.6	4089.5	6858.3	9618.4



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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°	1575.4	1651.6	1696.4	1765.2	1870.4	1958.8	2024.6	2185.9	2665.6	3421.2	4770.0
-25°	1465.4	1531.4	1619.7	1751.7	1854.7	1918.0	1930.4	1937.2	2073.9	2224.0	2679.4
-27.5°	1354.7	1448.2	1579.8	1728.6	1851.0	1881.8	1883.5	1881.1	1913.7	1936.5	2049.8
-30°	1256.0	1378.4	1502.7	1661.7	1780.7	1830.8	1852.1	1866.7	1883.4	1904.2	1911.7
-32.5°	1054.8	1305.1	1405.7	1533.0	1683.0	1762.3	1802.1	1836.1	1854.7	1872.8	1887.0
-35°	834.0	1098.0	1338.0	1420.3	1526.8	1661.1	1761.1	1801.8	1836.0	1855.3	1873.4
-37.5°	627.2	853.6	1086.9	1305.6	1414.4	1509.4	1637.1	1736.7	1799.5	1824.3	1846.1
-40°	552.7	611.5	817.6	1018.3	1209.8	1390.7	1496.9	1617.2	1713.3	1762.0	1799.6
-42.5°	549.8	571.4	592.5	733.3	911.3	1085.7	1250.6	1405.0	1547.5	1644.4	1716.2
-45°	549.2	564.6	582.2	603.2	624.5	760.6	913.1	1066.3	1222.6	1369.3	1500.8
-47.5°	513.6	551.8	572.9	589.7	603.8	621.8	642.3	681.1	808.3	936.5	1065.1
-50°	464.6	502.9	537.9	571.5	588.5	600.1	611.3	624.1	640.1	656.3	672.8
-52.5°	409.7	446.1	481.8	513.8	541.4	567.9	593.0	604.6	613.1	621.0	627.7
-55°	358.6	389.8	420.0	448.4	475.8	501.8	525.3	545.5	564.2	581.1	594.4
-57.5°	304.3	334.0	362.1	385.9	408.7	430.4	451.2	470.6	488.1	503.6	516.6
-60°	249.8	274.3	298.9	321.7	343.3	363.8	381.1	397.0	411.6	424.9	437.1
-62.5°	198.5	217.6	238.4	257.5	274.7	291.4	309.8	325.7	339.2	351.0	362.0
-65°	158.3	171.9	186.9	201.3	215.3	231.1	248.5	263.7	276.9	287.8	297.2
-67.5°	114.4	127.6	142.0	155.1	167.2	180.4	196.4	211.4	225.5	236.9	246.1
-70°	77.0	86.4	97.3	108.9	120.7	133.1	147.1	160.7	173.8	184.3	192.9
-72.5°	47.3	53.5	59.6	67.4	75.5	85.1	95.8	106.7	117.5	126.4	134.0
-75°	25.2	27.3	32.0	36.4	40.6	45.9	51.4	56.6	61.3	65.6	69.6
-77.5°	21.5	22.4	23.2	24.0	24.7	26.8	29.5	32.3	35.1	38.0	40.9
-80°	17.2	17.8	18.5	19.2	19.8	21.5	23.3	25.1	26.8	28.8	30.7
-82.5°	13.2	13.6	13.9	14.2	14.4	15.7	17.0	18.3	19.6	21.2	22.7
-85°	10.0	10.1	10.3	10.4	10.6	11.5	12.5	13.5	14.4	16.1	17.8
-87.5°	8.0	8.0	8.0	7.9	7.9	9.2	10.3	11.5	12.6	14.0	15.3
-90°	2.2	2.2	2.2	2.2	2.2	1.9	1.7	1.4	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°	37.2	42.5	45.3	48.1	45.3	42.5	37.2	31.9	26.6	21.3	18.2
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
85°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.6	1.9	2.1	2.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.5
80°	2.2	2.2	1.7	1.1	1.7	2.2	2.2	2.1	2.1	2.1	2.1
77.5°	1.4	1.1	1.6	2.2	1.6	1.1	1.4	1.7	2.0	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.7
72.5°	4.7	4.5	4.5	4.5	4.5	4.5	4.7	4.8	4.8	4.9	5.2
70°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.6	5.9	6.6
67.5°	4.6	4.5	4.0	3.4	4.0	4.5	4.6	4.7	4.7	5.3	6.5
65°	4.2	4.4	4.0	3.4	4.0	4.4	4.2	3.9	3.8	4.3	5.6
62.5°	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.4	3.8	4.5
60°	3.0	3.3	3.4	3.4	3.4	3.3	3.0	2.8	2.6	3.0	3.5
57.5°	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.0	3.0	3.0
55°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
52.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
50°	3.8	3.6	3.4	3.4	3.4	3.6	3.8	4.0	4.0	3.8	3.5
47.5°	4.9	4.6	4.5	4.5	4.5	4.6	4.9	5.1	5.2	5.0	4.6
45°	6.9	6.7	6.7	6.7	6.7	6.7	6.9	6.9	7.9	7.9	6.5
42.5°	10.0	10.0	10.0	10.1	10.0	10.0	10.0	9.9	11.7	14.4	16.5
40°	18.8	18.9	18.5	17.9	18.5	18.9	18.8	17.9	16.9	15.6	17.4
37.5°	27.5	27.7	27.7	28.0	27.7	27.7	27.5	27.6	27.7	25.5	26.2
35°	44.6	43.4	41.0	41.4	41.0	43.4	44.6	45.2	44.1	40.3	44.7
32.5°	85.3	84.1	79.4	82.9	79.4	84.1	85.3	82.1	77.0	72.6	71.2
30°	143.6	149.3	151.7	151.2	151.7	149.3	143.6	133.4	121.7	108.7	98.8
27.5°	221.1	233.7	241.6	246.3	241.6	233.7	221.1	204.4	171.8	157.1	129.7
25°	402.4	433.6	451.2	474.8	451.2	433.6	402.4	353.5	285.5	245.4	207.6
22.5°	899.7	1012.6	1084.4	1135.4	1084.4	1012.6	899.7	710.9	535.5	412.6	337.0
20°	2334.2	2325.0	2512.1	2613.4	2512.1	2325.0	2334.2	1733.0	1326.9	830.5	609.7
17.5°	7306.9	8468.2	8762.8	8510.9	8762.8	8468.2	7306.9	5076.3	3990.8	2316.6	1404.1
15°	18782.0	22660.8	24458.3	24433.3	24458.3	22660.8	18782.0	13590.3	9874.0	6252.4	3634.8
12.5°	40500.8	47992.0	52883.3	55842.4	52883.3	47992.0	40500.8	32324.2	20758.6	13786.5	8261.4
10°	73499.6	86332.5	96565.8	101706.9	96565.8	86332.5	73499.6	58263.8	40486.0	25443.9	14306.5
7.5°	108924.9	129688.7	147221.3	154499.1	147221.3	129688.7	108924.9	86312.8	61806.1	40563.8	23741.3
5°	149964.6	183003.0	199412.1	206482.9	199412.1	183003.0	149964.6	118565.6	85790.4	56872.8	32581.5
2.5°	184298.8	217242.6	240177.8	248894.3	240177.8	217242.6	184298.8	142659.3	102867.7	67657.1	37857.3
0°	191171.4	225611.0	250853.3	269125.3	250853.3	225611.0	191171.4	144993.9	104603.6	68661.9	39870.7
-2.5°	176574.2	210224.9	228669.0	236396.7	228669.0	210224.9	176574.2	134965.6	98337.6	64999.9	37680.5
-5°	153502.3	183368.9	200421.2	203846.0	200421.2	183368.9	153502.3	119523.9	87952.5	57409.4	32209.7
-7.5°	117303.4	137978.1	151428.0	154143.1	151428.0	137978.1	117303.4	91879.1	67669.8	45541.5	25833.8
-10°	85308.1	100214.6	108852.0	109786.8	108852.0	100214.6	85308.1	66679.8	48256.2	31702.0	17505.1
-12.5°	56998.8	68678.9	74787.8	75670.8	74787.8	68678.9	56998.8	44556.6	30965.6	20711.0	12555.1
-15°	35718.1	43315.5	47802.1	48774.7	47802.1	43315.5	35718.1	26460.4	19569.2	12947.0	7717.3
-17.5°	22007.7	25850.7	28204.0	29759.7	28204.0	25850.7	22007.7	16541.0	12102.4	7656.7	4494.9
-20°	12868.3	15360.3	16758.8	17394.7	16758.8	15360.3	12868.3	9618.4	6858.3	4089.5	2934.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6460.5	7689.9	8527.3	8654.3	8527.3	7689.9	6460.5	4770.0	3421.2	2665.6	2185.9
-25°	3133.2	3475.7	3710.7	3724.2	3710.7	3475.7	3133.2	2679.4	2224.0	2073.9	1937.2
-27.5°	2142.4	2213.7	2259.7	2286.5	2259.7	2213.7	2142.4	2049.8	1936.5	1913.7	1881.1
-30°	1919.7	1930.3	1936.7	1928.1	1936.7	1930.3	1919.7	1911.7	1904.2	1883.4	1866.7
-32.5°	1891.8	1896.9	1900.3	1894.6	1900.3	1896.9	1891.8	1887.0	1872.8	1854.7	1836.1
-35°	1889.7	1903.5	1914.2	1911.4	1914.2	1903.5	1889.7	1873.4	1855.3	1836.0	1801.8
-37.5°	1862.0	1874.1	1882.2	1882.2	1882.2	1874.1	1862.0	1846.1	1824.3	1799.5	1736.7
-40°	1820.7	1837.3	1847.7	1847.5	1847.7	1837.3	1820.7	1799.6	1762.0	1713.3	1617.2
-42.5°	1750.4	1773.7	1784.7	1783.7	1784.7	1773.7	1750.4	1716.2	1644.4	1547.5	1405.0
-45°	1599.5	1674.5	1714.7	1718.8	1714.7	1674.5	1599.5	1500.8	1369.3	1222.6	1066.3
-47.5°	1191.8	1307.3	1378.2	1394.0	1378.2	1307.3	1191.8	1065.1	936.5	808.3	681.1
-50°	689.2	704.7	711.2	708.8	711.2	704.7	689.2	672.8	656.3	640.1	624.1
-52.5°	634.1	640.3	645.0	648.3	645.0	640.3	634.1	627.7	621.0	613.1	604.6
-55°	605.2	613.6	618.9	621.4	618.9	613.6	605.2	594.4	581.1	564.2	545.5
-57.5°	527.2	535.5	540.1	541.9	540.1	535.5	527.2	516.6	503.6	488.1	470.6
-60°	447.3	455.4	460.2	462.4	460.2	455.4	447.3	437.1	424.9	411.6	397.0
-62.5°	371.3	379.0	383.6	386.3	383.6	379.0	371.3	362.0	351.0	339.2	325.7
-65°	305.6	312.8	316.8	319.1	316.8	312.8	305.6	297.2	287.8	276.9	263.7
-67.5°	254.3	261.6	266.4	269.9	266.4	261.6	254.3	246.1	236.9	225.5	211.4
-70°	200.9	208.0	210.5	211.6	210.5	208.0	200.9	192.9	184.3	173.8	160.7
-72.5°	140.7	146.6	150.5	153.4	150.5	146.6	140.7	134.0	126.4	117.5	106.7
-75°	73.2	76.4	78.7	80.6	78.7	76.4	73.2	69.6	65.6	61.3	56.6
-77.5°	43.8	46.6	48.1	49.3	48.1	46.6	43.8	40.9	38.0	35.1	32.3
-80°	32.7	34.5	35.2	35.8	35.2	34.5	32.7	30.7	28.8	26.8	25.1
-82.5°	24.2	25.7	26.3	26.9	26.3	25.7	24.2	22.7	21.2	19.6	18.3
-85°	19.6	21.3	21.8	22.4	21.8	21.3	19.6	17.8	16.1	14.4	13.5
-87.5°	16.7	18.0	19.1	20.2	19.1	18.0	16.7	15.3	14.0	12.6	11.5
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.4



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.1	12.1	9.0	9.0	9.0	9.0	9.0	8.7	8.4	8.1	7.8
87.5°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.5	2.8	3.1	3.4
85°	2.1	2.2	2.2	2.4	2.6	2.8	3.0	3.0	3.1	3.2	3.4
82.5°	1.8	2.0	2.2	2.5	2.8	3.1	3.4	3.4	3.4	3.4	3.4
80°	2.1	2.1	2.2	2.5	2.8	3.1	3.4	3.5	3.4	3.4	3.4
77.5°	2.2	2.2	2.3	2.7	3.1	3.4	3.6	3.7	3.9	4.0	4.0
75°	3.0	3.2	3.4	3.9	4.2	4.3	4.4	4.3	4.3	4.4	4.5
72.5°	5.4	5.6	6.2	7.1	7.5	7.9	8.0	7.5	6.7	5.4	4.5
70°	7.3	7.9	9.4	11.5	13.0	13.8	14.1	13.6	12.2	10.9	8.7
67.5°	7.6	8.7	10.7	13.3	15.5	17.6	19.8	21.8	21.8	20.2	14.9
65°	6.9	8.4	10.2	12.1	14.6	17.6	21.9	25.0	26.9	27.7	22.9
62.5°	5.4	6.5	7.7	9.3	11.4	14.6	19.8	24.4	28.7	30.0	25.2
60°	4.0	4.6	5.4	6.5	7.8	10.6	15.7	21.4	27.7	27.6	25.1
57.5°	3.2	3.7	4.5	5.1	5.5	7.6	11.4	16.4	22.5	23.0	22.2
55°	3.4	3.8	4.4	5.0	5.6	6.3	7.7	10.8	15.4	16.9	17.2
52.5°	3.4	4.0	4.6	5.2	5.7	6.0	6.4	8.0	9.4	11.4	12.6
50°	3.5	4.1	4.8	5.4	5.8	6.1	6.4	6.7	7.5	8.4	9.1
47.5°	4.5	4.8	5.1	5.6	6.0	6.2	6.5	7.0	7.3	7.4	7.9
45°	6.5	6.4	6.3	6.7	6.8	6.9	6.8	7.6	8.0	8.0	7.8
42.5°	14.7	10.9	8.4	9.7	9.4	8.9	8.4	9.1	9.1	9.0	9.6
40°	21.5	24.9	21.2	17.2	15.9	13.2	12.6	11.7	11.5	10.6	12.5
37.5°	26.2	26.1	32.7	35.2	29.1	23.9	20.1	17.0	14.8	15.7	17.0
35°	42.8	41.0	42.9	46.3	47.4	42.3	33.7	25.9	21.8	22.2	22.7
32.5°	72.1	66.0	62.6	62.4	65.9	64.5	54.3	41.4	33.7	31.2	29.6
30°	95.7	92.3	84.2	88.8	95.2	90.5	78.4	70.3	57.2	42.0	37.9
27.5°	131.9	124.8	114.8	128.2	134.9	126.8	117.9	108.7	87.0	63.8	50.6
25°	198.5	180.8	182.8	187.3	184.8	180.2	167.5	152.4	128.0	96.8	81.2
22.5°	296.5	284.6	274.5	260.2	273.0	263.3	228.8	199.1	194.0	184.1	140.2
20°	482.3	433.5	390.5	424.2	433.3	376.8	306.6	311.4	347.1	312.7	219.2
17.5°	989.4	750.2	656.8	712.3	666.9	553.9	552.7	541.4	530.5	474.4	313.5
15°	1896.6	1414.7	1170.8	1070.9	1010.1	958.1	932.9	806.5	743.0	651.3	466.1
12.5°	4455.4	2388.1	1735.4	1531.5	1481.8	1392.8	1336.0	1153.6	985.9	878.8	701.0
10°	7730.1	4163.0	2629.7	2103.9	1948.2	1833.6	1682.5	1460.3	1244.6	1122.8	943.6
7.5°	12800.6	6817.8	3727.2	2635.1	2342.3	2148.6	1927.4	1710.4	1493.1	1360.3	1188.4
5°	16770.7	8809.2	4428.0	3056.7	2670.9	2453.6	2173.8	1926.6	1731.9	1591.1	1428.5
2.5°	18784.9	9818.9	4876.4	3455.5	2978.0	2738.6	2424.1	2119.0	1905.8	1738.2	1565.8
0°	20682.2	11407.6	5572.8	3765.6	3225.9	2974.0	2676.1	2301.0	2045.7	1863.2	1685.2
-2.5°	19223.3	10501.2	5083.3	3510.1	3091.9	2861.2	2664.5	2362.8	2096.2	1883.2	1666.8
-5°	16625.8	8753.2	4547.7	3253.7	2884.1	2701.3	2563.2	2337.4	2087.2	1876.0	1624.7
-7.5°	13448.4	6966.9	3930.3	2963.3	2658.3	2521.7	2405.8	2211.2	1970.8	1784.7	1521.3
-10°	9540.7	5106.1	3274.0	2652.7	2441.3	2344.2	2254.8	2065.7	1851.9	1688.7	1399.1
-12.5°	6859.7	3698.5	2637.4	2327.9	2238.5	2187.0	2115.6	1908.8	1733.8	1590.4	1260.7
-15°	4134.6	2860.3	2335.1	2132.7	2061.0	2034.3	1973.8	1779.3	1642.4	1493.4	1108.1
-17.5°	2988.5	2285.4	2067.8	1979.6	1933.6	1893.4	1821.6	1681.6	1542.8	1355.4	941.6
-20°	2257.2	2056.5	1928.7	1847.4	1815.4	1781.0	1696.4	1574.7	1427.8	1154.5	781.5



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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°	2024.6	1958.8	1870.4	1765.2	1696.4	1651.6	1575.4	1460.5	1299.2	942.6	625.0
-25°	1930.4	1918.0	1854.7	1751.7	1619.7	1531.4	1465.4	1344.8	1091.2	749.4	493.4
-27.5°	1883.5	1881.8	1851.0	1728.6	1579.8	1448.2	1354.7	1211.0	882.3	605.3	474.8
-30°	1852.1	1830.8	1780.7	1661.7	1502.7	1378.4	1256.0	983.9	710.3	496.2	466.8
-32.5°	1802.1	1762.3	1683.0	1533.0	1405.7	1305.1	1054.8	775.3	546.0	487.1	463.1
-35°	1761.1	1661.1	1526.8	1420.3	1338.0	1098.0	834.0	601.1	505.5	478.1	460.0
-37.5°	1637.1	1509.4	1414.4	1305.6	1086.9	853.6	627.2	529.6	495.5	474.3	442.6
-40°	1496.9	1390.7	1209.8	1018.3	817.6	611.5	552.7	523.3	497.0	460.5	417.8
-42.5°	1250.6	1085.7	911.3	733.3	592.5	571.4	549.8	524.2	487.1	437.1	388.6
-45°	913.1	760.6	624.5	603.2	582.2	564.6	549.2	507.2	457.6	406.6	357.4
-47.5°	642.3	621.8	603.8	589.7	572.9	551.8	513.6	470.7	419.7	371.3	327.8
-50°	611.3	600.1	588.5	571.5	537.9	502.9	464.6	424.1	378.3	336.0	295.5
-52.5°	593.0	567.9	541.4	513.8	481.8	446.1	409.7	375.1	336.9	297.8	260.5
-55°	525.3	501.8	475.8	448.4	420.0	389.8	358.6	326.2	292.3	256.8	224.8
-57.5°	451.2	430.4	408.7	385.9	362.1	334.0	304.3	274.6	246.7	217.2	189.0
-60°	381.1	363.8	343.3	321.7	298.9	274.3	249.8	225.5	201.4	181.1	159.6
-62.5°	309.8	291.4	274.7	257.5	238.4	217.6	198.5	182.5	166.4	148.8	127.0
-65°	248.5	231.1	215.3	201.3	186.9	171.9	158.3	143.6	127.7	110.7	92.1
-67.5°	196.4	180.4	167.2	155.1	142.0	127.6	114.4	100.8	88.7	76.4	62.6
-70°	147.1	133.1	120.7	108.9	97.3	86.4	77.0	67.3	56.6	47.6	39.9
-72.5°	95.8	85.1	75.5	67.4	59.6	53.5	47.3	40.8	34.4	28.1	23.7
-75°	51.4	45.9	40.6	36.4	32.0	27.3	25.2	24.1	22.9	21.5	20.0
-77.5°	29.5	26.8	24.7	24.0	23.2	22.4	21.5	20.3	19.1	17.9	16.8
-80°	23.3	21.5	19.8	19.2	18.5	17.8	17.2	16.3	15.4	14.6	14.0
-82.5°	17.0	15.7	14.4	14.2	13.9	13.6	13.2	12.8	12.4	12.0	11.6
-85°	12.5	11.5	10.6	10.4	10.3	10.1	10.0	9.8	9.6	9.4	9.2
-87.5°	10.3	9.2	7.9	7.9	8.0	8.0	8.0	8.0	7.9	7.9	7.8
-90°	1.7	1.9	2.2	2.2	2.2	2.2	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°	7.5	7.3	7.0	6.7	6.7	6.7	6.7	6.7	6.4	6.2	5.9
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°	3.5	3.6	3.6	3.6	3.7	4.0	4.2	4.3	4.3	4.3	4.4
82.5°	3.7	3.9	4.1	4.2	4.2	4.2	4.3	4.5	4.5	4.5	4.5
80°	3.7	4.0	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
77.5°	4.0	4.1	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.4	4.4	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°	6.5	4.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	10.1	7.7	5.8	4.7	4.5	4.5	4.5	4.6	4.7	4.5	4.5
65°	16.6	11.4	7.6	6.2	5.0	4.5	4.5	4.7	4.9	4.7	4.5
62.5°	20.7	15.9	11.1	8.0	6.1	5.0	4.5	4.8	5.0	5.0	4.7
60°	22.2	17.5	14.3	10.9	7.7	5.6	5.0	4.8	5.1	5.3	5.0
57.5°	20.0	18.0	15.9	13.3	10.1	6.9	5.5	5.2	5.1	5.4	5.3
55°	16.7	15.8	16.7	15.0	12.0	8.7	6.4	5.6	5.3	5.4	5.6
52.5°	12.5	14.1	16.1	16.0	13.6	10.4	7.8	6.1	5.7	5.5	5.7
50°	9.5	12.1	15.3	16.4	15.1	12.0	9.0	7.0	6.1	5.6	5.8
47.5°	8.7	11.1	13.7	16.7	16.3	13.5	10.3	7.8	6.5	6.0	6.0
45°	9.4	11.0	12.9	15.5	17.3	14.4	11.5	8.4	7.0	6.4	6.1
42.5°	10.7	11.9	13.2	14.5	16.3	15.0	12.5	9.3	7.4	6.8	6.4
40°	13.3	13.5	14.0	15.2	15.5	15.3	12.9	10.2	7.6	7.2	6.8
37.5°	16.7	16.2	15.8	17.1	15.9	15.1	13.1	10.9	8.4	7.8	7.1
35°	21.9	19.9	19.5	20.4	18.6	15.4	13.0	11.3	9.6	8.4	7.5
32.5°	28.1	26.4	25.7	24.4	22.3	16.2	13.3	12.3	10.9	9.0	7.8
30°	37.0	38.3	33.4	29.1	26.7	19.7	14.9	13.4	12.1	9.7	8.2
27.5°	55.0	53.5	43.2	36.0	31.1	24.4	18.2	14.7	13.3	10.5	8.7
25°	78.2	71.8	58.1	44.4	36.0	39.4	22.1	16.3	14.4	11.5	9.3
22.5°	108.9	93.2	75.2	53.5	57.9	59.3	30.3	19.4	15.6	12.5	9.9
20°	144.4	117.2	101.0	89.2	84.7	79.1	44.9	22.8	16.9	13.5	10.5
17.5°	189.6	167.1	162.0	135.2	114.7	100.7	62.2	26.4	18.2	14.4	11.0
15°	312.1	246.7	227.3	186.7	146.5	123.9	81.6	30.3	19.6	15.3	11.6
12.5°	466.2	326.8	296.2	242.4	179.8	148.2	102.4	34.2	21.0	16.2	12.0
10°	636.5	406.8	367.4	300.9	213.9	173.2	124.0	38.9	23.4	17.1	12.3
7.5°	815.8	486.4	439.8	360.6	247.7	197.3	146.4	45.2	26.0	18.0	12.7
5°	982.0	555.3	499.9	410.9	277.9	219.6	167.9	51.3	28.6	18.8	13.0
2.5°	1076.5	607.3	550.4	457.1	307.1	240.8	187.7	57.2	31.2	19.5	13.2
0°	1153.3	657.3	597.9	499.4	334.8	260.9	204.9	62.7	33.6	20.2	13.4
-2.5°	1133.2	649.6	589.1	495.5	343.4	266.9	207.5	72.8	41.6	25.4	16.0
-5°	1093.8	639.6	577.5	487.7	349.7	271.4	207.3	82.3	49.2	30.4	18.5
-7.5°	1018.0	617.2	559.7	476.2	353.5	274.1	204.9	90.9	56.3	35.1	20.8
-10°	921.1	586.9	534.4	456.7	348.2	273.1	200.8	98.6	62.7	39.3	22.9
-12.5°	808.8	556.0	509.6	435.8	339.8	269.2	195.6	105.2	68.4	42.9	24.6
-15°	682.3	524.7	486.4	414.4	330.0	264.3	189.6	110.7	73.3	46.1	25.9
-17.5°	545.6	493.6	465.6	393.2	318.9	258.6	183.1	115.0	77.4	49.0	27.3
-20°	506.8	473.1	445.9	372.8	306.6	252.1	176.8	118.0	80.6	51.2	28.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	487.9	461.9	423.7	356.1	295.1	245.1	170.8	119.7	82.9	52.6	29.2
-25°	470.4	451.6	402.6	340.5	285.5	234.6	168.4	119.9	84.2	53.1	29.1
-27.5°	457.8	438.2	381.6	323.8	274.9	225.9	167.9	121.0	84.6	52.8	28.4
-30°	448.1	414.5	361.5	307.2	263.0	213.9	165.7	120.8	84.0	51.9	26.9
-32.5°	440.1	391.8	340.6	292.9	249.0	201.3	158.4	119.4	82.2	50.1	26.0
-35°	419.2	369.6	319.2	277.4	234.1	189.8	149.0	116.6	79.1	47.3	24.9
-37.5°	396.9	346.6	301.1	260.7	218.8	177.0	140.2	108.3	74.7	43.4	23.3
-40°	370.5	323.8	282.4	243.6	203.4	163.1	130.1	98.8	69.2	38.4	21.1
-42.5°	342.8	301.4	262.3	225.9	187.0	150.8	118.9	88.3	60.6	34.4	18.4
-45°	316.2	277.1	240.4	205.1	169.8	137.1	106.1	77.0	50.9	30.7	16.4
-47.5°	287.6	251.1	216.5	182.9	153.0	122.1	92.3	65.6	40.8	26.3	15.8
-50°	257.0	223.3	191.0	161.9	134.4	105.5	77.8	53.4	34.5	20.8	15.0
-52.5°	225.9	194.2	166.7	141.0	114.4	87.7	63.6	41.3	27.9	18.1	14.1
-55°	193.7	167.3	143.4	118.6	93.6	70.7	48.7	33.5	21.0	16.6	13.1
-57.5°	165.5	141.9	118.5	95.1	73.6	53.4	37.4	25.5	18.2	15.1	12.7
-60°	137.4	114.2	92.2	72.9	54.2	39.1	28.0	19.3	16.6	13.8	12.3
-62.5°	105.8	85.8	68.2	51.2	38.6	28.5	19.8	17.5	14.9	13.1	11.7
-65°	76.3	60.3	45.0	35.9	26.8	19.9	18.0	15.8	13.9	12.4	11.1
-67.5°	48.7	39.8	31.0	22.8	19.7	17.9	16.1	14.4	12.9	11.6	10.6
-70°	32.1	24.4	20.7	19.0	17.4	15.9	14.6	13.2	11.9	11.1	10.1
-72.5°	21.7	19.9	18.1	16.6	15.6	14.5	13.2	12.1	11.4	10.5	9.5
-75°	18.4	17.2	16.2	15.3	14.3	13.2	12.3	11.6	10.9	10.0	8.9
-77.5°	15.9	15.2	14.7	14.0	13.0	12.2	11.7	11.2	10.3	9.3	8.3
-80°	13.6	13.1	12.7	12.1	11.6	11.2	10.8	10.4	9.5	8.6	7.7
-82.5°	11.3	11.0	10.8	10.6	10.3	10.1	9.8	9.5	8.7	7.9	7.1
-85°	9.2	9.2	9.3	9.3	9.2	9.0	8.8	8.6	7.9	7.3	6.7
-87.5°	7.9	8.0	8.0	8.0	7.9	7.8	7.8	7.7	7.2	6.7	6.3
-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	4.6	4.5	4.5	4.5	4.5	4.5
72.5°	4.6	4.7	4.6	4.5	4.5	4.5	4.5
70°	4.6	4.7	4.7	4.5	4.5	4.5	4.5
67.5°	4.6	4.8	4.8	4.6	4.5	4.5	4.5
65°	4.6	4.9	4.9	4.7	4.5	4.5	4.5
62.5°	4.7	4.9	5.1	4.9	4.5	4.5	4.5
60°	4.7	5.0	5.2	5.0	4.5	4.5	4.5
57.5°	5.0	5.0	5.2	5.1	4.6	4.5	4.5
55°	5.2	5.0	5.2	5.2	4.7	4.5	4.5
52.5°	5.5	5.1	5.3	5.3	4.7	4.5	4.5
50°	5.8	5.3	5.3	5.4	4.8	4.5	4.5
47.5°	6.0	5.5	5.3	5.5	4.9	4.5	4.5
45°	6.2	5.7	5.4	5.6	5.0	4.5	4.5
42.5°	6.3	6.0	5.4	5.6	5.0	4.5	4.5
40°	6.5	6.2	5.5	5.6	5.1	4.5	4.5
37.5°	6.7	6.4	5.7	5.6	5.1	4.5	4.5
35°	6.9	6.5	5.8	5.7	5.2	4.5	4.5
32.5°	7.1	6.7	6.0	5.7	5.3	4.5	4.5
30°	7.4	6.9	6.1	5.8	5.3	4.5	4.5
27.5°	7.7	7.0	6.2	5.8	5.4	4.5	4.5
25°	8.0	7.2	6.3	5.9	5.4	4.5	4.5
22.5°	8.2	7.4	6.4	6.0	5.4	4.5	4.5
20°	8.5	7.5	6.5	6.0	5.5	4.5	4.5
17.5°	8.7	7.5	6.6	6.1	5.5	4.5	4.5
15°	8.9	7.6	6.6	6.2	5.5	4.5	4.5
12.5°	9.1	7.7	6.7	6.3	5.5	4.5	4.5
10°	9.4	7.7	6.7	6.4	5.6	4.5	4.5
7.5°	9.6	7.8	6.7	6.5	5.6	4.5	4.5
5°	9.8	7.8	6.7	6.5	5.6	4.5	4.5
2.5°	9.9	7.8	6.7	6.6	5.6	4.5	4.5
0°	10.1	7.8	6.7	6.7	5.6	4.5	4.5
-2.5°	11.0	8.0	6.9	6.8	5.6	4.5	4.5
-5°	11.8	8.3	7.1	6.8	5.7	4.5	4.5
-7.5°	12.6	8.5	7.3	6.9	5.7	4.6	4.5
-10°	13.2	8.7	7.5	6.9	5.8	4.6	4.5
-12.5°	13.8	8.9	7.7	7.0	5.8	4.6	4.5
-15°	14.2	9.1	7.8	7.0	5.8	4.6	4.5
-17.5°	14.5	9.3	8.0	7.0	5.8	4.7	4.5
-20°	14.8	9.5	8.1	7.1	5.8	4.7	4.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.1	9.6	8.2	7.1	5.9	4.7	4.5
-25°	15.2	9.8	8.3	7.1	5.9	4.7	4.5
-27.5°	14.9	10.0	8.3	7.1	5.9	4.7	4.5
-30°	14.3	10.1	8.4	7.1	5.9	4.7	4.5
-32.5°	13.4	10.2	8.4	7.1	5.8	4.7	4.5
-35°	13.1	10.2	8.4	7.1	5.8	4.8	4.5
-37.5°	13.1	10.1	8.4	7.0	5.8	4.8	4.5
-40°	13.0	10.1	8.4	7.0	5.8	4.8	4.5
-42.5°	12.7	10.0	8.3	7.0	5.8	4.8	4.5
-45°	12.3	10.0	8.3	6.9	5.7	4.8	4.5
-47.5°	11.8	9.8	8.2	6.9	5.7	4.8	4.5
-50°	11.6	9.7	8.1	6.8	5.7	4.8	4.5
-52.5°	11.4	9.5	8.0	6.7	5.6	4.8	4.5
-55°	11.1	9.4	7.9	6.6	5.6	4.8	4.5
-57.5°	10.8	9.1	7.7	6.5	5.5	4.7	4.5
-60°	10.5	8.9	7.5	6.4	5.5	4.7	4.5
-62.5°	10.1	8.6	7.3	6.3	5.4	4.7	4.5
-65°	9.7	8.3	7.1	6.1	5.3	4.7	4.5
-67.5°	9.3	8.0	6.9	6.0	5.3	4.7	4.5
-70°	8.9	7.7	6.7	5.9	5.2	4.7	4.5
-72.5°	8.4	7.3	6.4	5.7	5.1	4.7	4.5
-75°	7.8	6.9	6.2	5.6	5.0	4.6	4.5
-77.5°	7.3	6.5	6.0	5.5	5.0	4.6	4.5
-80°	6.7	6.3	5.8	5.3	4.9	4.6	4.5
-82.5°	6.4	6.0	5.6	5.2	4.8	4.6	4.5
-85°	6.2	5.8	5.4	5.1	4.7	4.5	4.5
-87.5°	5.9	5.6	5.2	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)