

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: P1305455 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-40-70-2S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305455 (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-08-320L-40-70-2S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

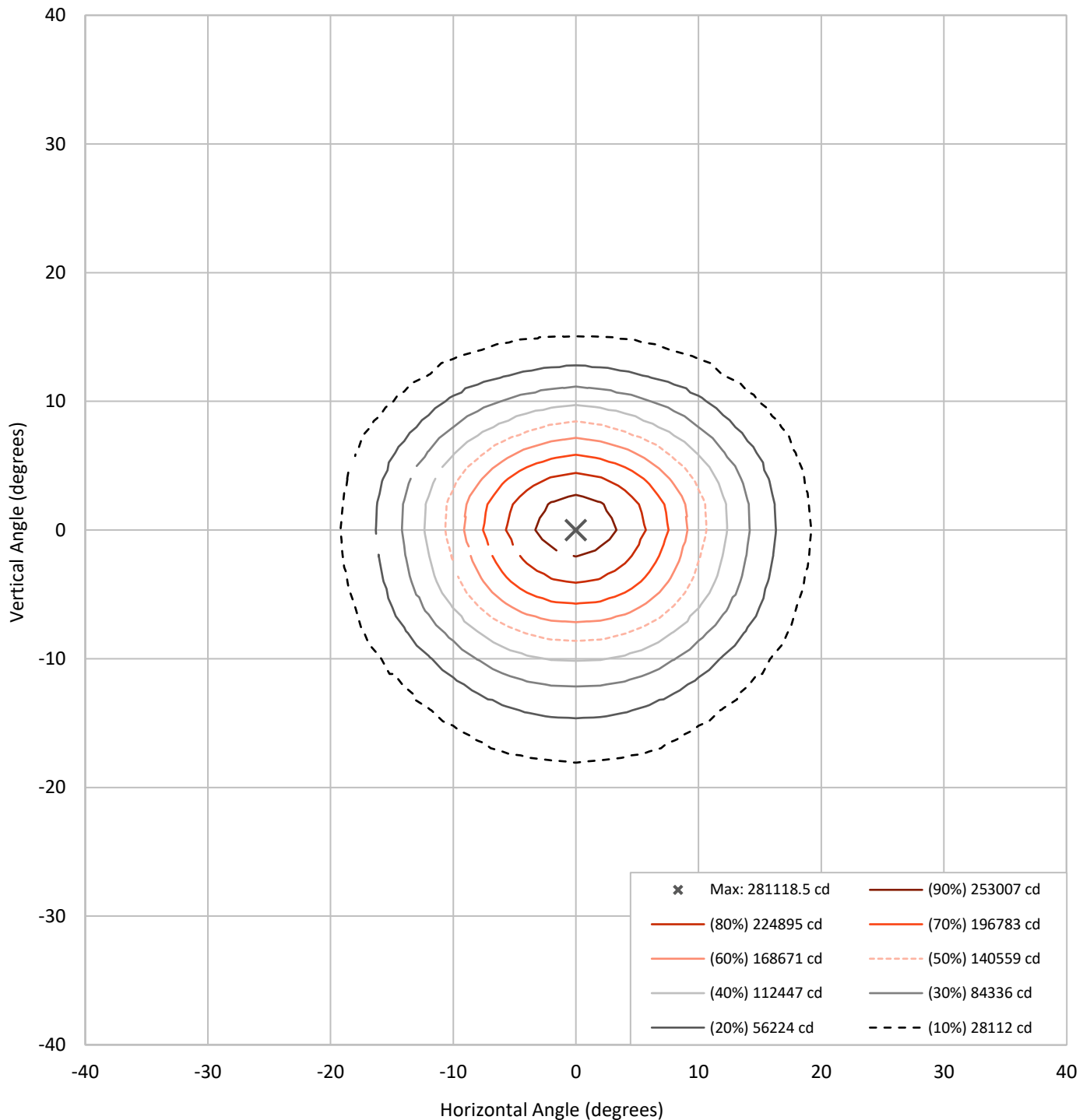
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	37917.1 lumens	Max Intensity:	28118.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	16593.4 lumens	Field Lumens:	32117.8 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





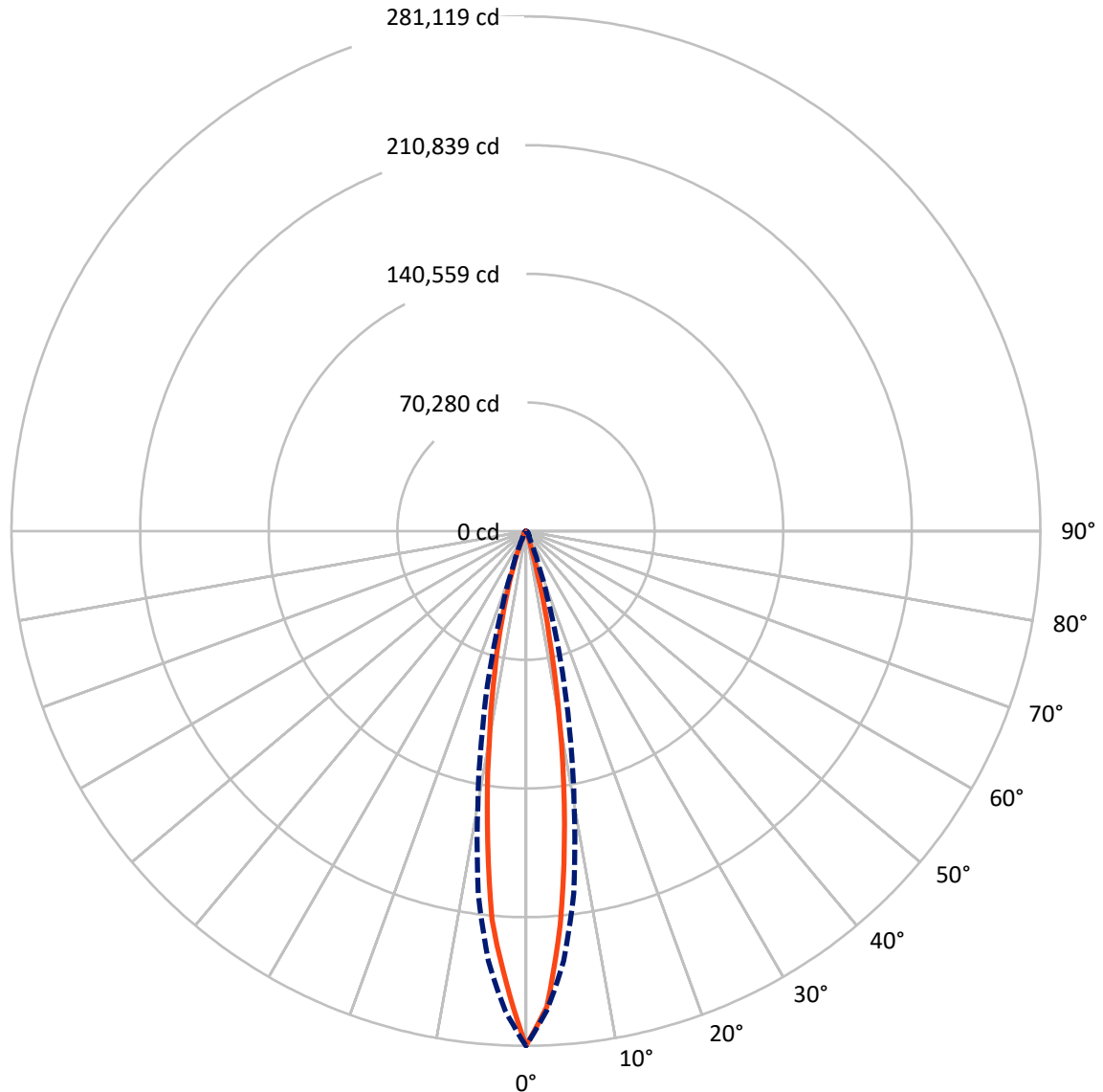
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### Lumen Table

90	0.1	0.3		0.4		0.5		0.6		0.5		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.5		0.6		0.5		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	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.1	0.1			
40		0.2	0.4	0.5	1.0	1.4	1.6	1.9	1.9	1.6	1.4	1.0	0.5	0.4	0.2				
30	0.2	0.3	1.0	2.4	4.7	6.1	10.8	22.8	22.8	10.8	6.1	4.7	2.4	1.0	0.3	0.2			
20		0.7	3.5	11.7	24.3	44.2	305.1	939.6	939.6	305.1	44.2	24.3	11.7	3.5	0.7				
10	0.3	1.3	7.2	28.3	56.8	180.4	1761.2	5235.3	5235.3	1761.2	180.4	56.8	28.3	7.2	1.3	0.3			
0		1.7	8.6	33.1	64.8	188.2	1797.7	5263.5	5263.5	1797.7	188.2	64.8	33.1	8.6	1.7				
-10	0.4	1.9	7.5	24.8	50.1	81.2	496.4	1474.6	1474.6	496.4	81.2	50.1	24.8	7.5	1.9	0.4			
-20		1.8	6.3	14.7	37.3	52.9	80.0	167.9	167.9	80.0	52.9	37.3	14.7	6.3	1.8				
-30	0.3	1.6	5.1	10.2	22.8	43.6	55.6	59.7	59.7	55.6	43.6	22.8	10.2	5.1	1.6	0.3			
-40		1.1	3.8	8.1	13.8	22.3	36.3	47.2	47.2	36.3	22.3	13.8	8.1	3.8	1.1				
-50	0.2	0.5	2.2	5.1	9.3	13.6	16.8	18.7	18.7	16.8	13.6	9.3	5.1	2.2	0.5	0.2			
-60		0.2	0.8	2.2	4.2	6.4	8.7	10.1	10.1	8.7	6.4	4.2	2.2	0.8	0.2				
-70	0.1	0.7		1.9		4.7		7.4		4.7		1.9		0.7		0.1			
-80		0.7		1.9		4.7		7.4		4.7		1.9		0.7					
-90	0.1	0.7		1.9		4.7		7.4		4.7		1.9		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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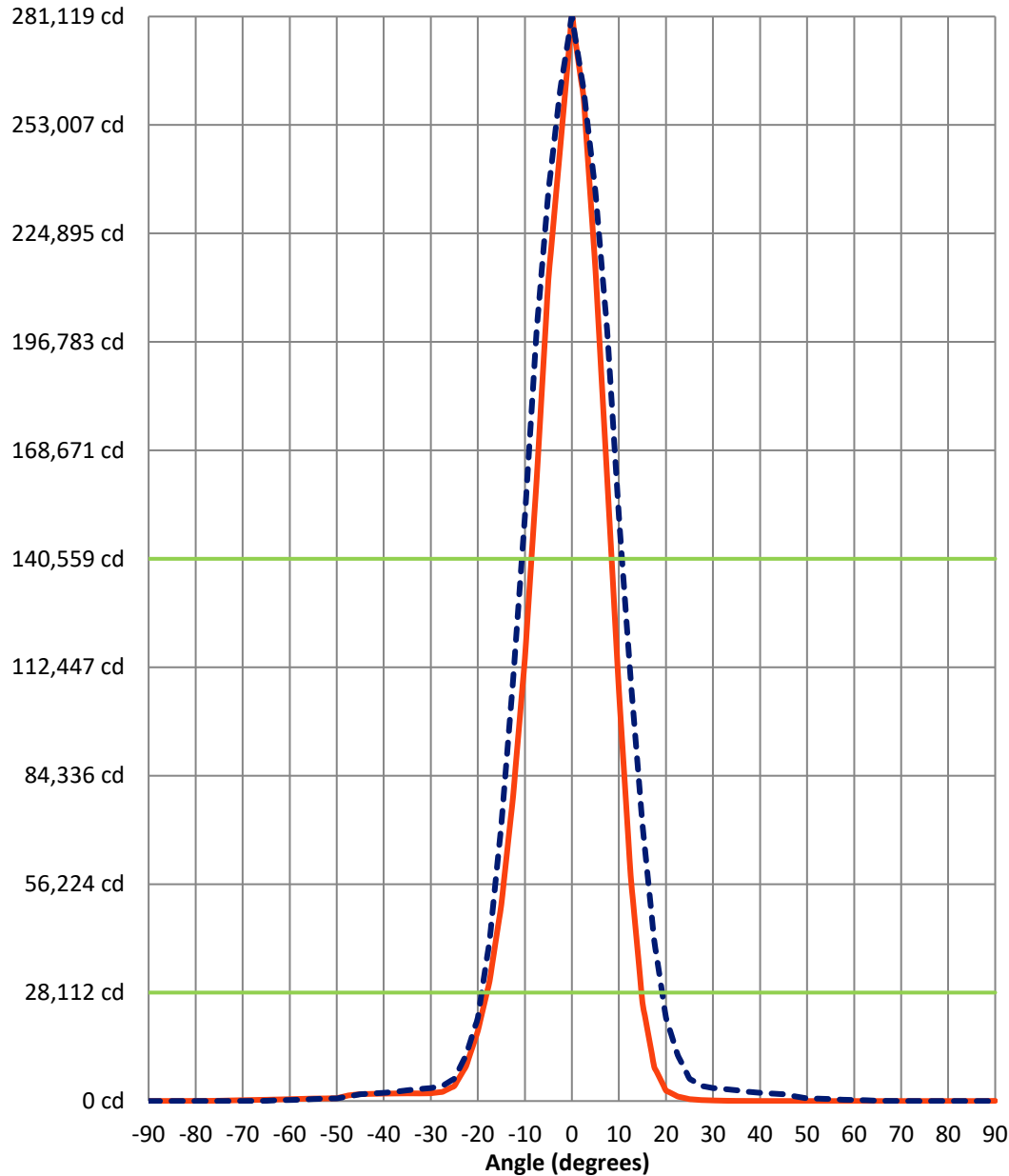
### Luminous Intensity Polar Plot



— 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: 16593.4  
Efficiency: 43.8%

**Field:**  
H Angle: 38.4°  
V Angle: 32.9°  
Lumens: 32117.8  
Efficiency: 84.7%

**Spill:**  
Lumens: 5799.3  
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°	4.7	4.7	4.7	5.0	5.3	5.5	5.8	6.1	6.4	6.7	7.0
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	4.8	4.7	4.7	4.7	4.7	4.7
72.5°	4.7	4.7	4.7	4.7	4.8	4.9	4.8	4.7	4.7	4.7	4.7
70°	4.7	4.7	4.7	4.7	4.9	4.9	4.8	4.7	4.7	4.7	4.7
67.5°	4.7	4.7	4.7	4.8	5.0	5.0	4.8	4.7	4.7	4.9	4.8
65°	4.7	4.7	4.7	4.9	5.1	5.1	4.8	4.7	4.9	5.1	4.9
62.5°	4.7	4.7	4.7	5.1	5.3	5.1	4.9	4.9	5.2	5.2	5.0
60°	4.7	4.7	4.7	5.2	5.4	5.2	4.9	5.2	5.5	5.3	5.0
57.5°	4.7	4.7	4.8	5.3	5.4	5.2	5.2	5.5	5.6	5.3	5.4
55°	4.7	4.7	4.9	5.4	5.4	5.2	5.5	5.8	5.6	5.5	5.8
52.5°	4.7	4.7	4.9	5.5	5.5	5.3	5.7	5.9	5.7	5.9	6.3
50°	4.7	4.7	5.0	5.6	5.5	5.5	6.0	6.0	5.8	6.3	7.3
47.5°	4.7	4.7	5.1	5.7	5.5	5.7	6.3	6.2	6.2	6.8	8.2
45°	4.7	4.7	5.2	5.8	5.6	6.0	6.4	6.4	6.7	7.3	8.8
42.5°	4.7	4.7	5.2	5.8	5.6	6.2	6.6	6.7	7.1	7.7	9.8
40°	4.7	4.7	5.3	5.8	5.7	6.4	6.8	7.0	7.6	8.0	10.6
37.5°	4.7	4.7	5.3	5.8	5.9	6.6	7.0	7.4	8.1	8.8	11.4
35°	4.7	4.7	5.4	5.9	6.0	6.8	7.2	7.8	8.8	10.1	11.8
32.5°	4.7	4.7	5.5	5.9	6.2	7.0	7.5	8.1	9.4	11.4	12.8
30°	4.7	4.7	5.5	6.0	6.3	7.2	7.8	8.5	10.2	12.6	14.0
27.5°	4.7	4.7	5.6	6.0	6.5	7.4	8.1	9.1	11.0	13.9	15.4
25°	4.7	4.7	5.6	6.1	6.6	7.6	8.4	9.7	12.1	15.1	17.0
22.5°	4.7	4.7	5.6	6.2	6.7	7.7	8.6	10.3	13.1	16.3	20.2
20°	4.7	4.7	5.7	6.3	6.8	7.8	8.9	11.0	14.1	17.6	23.8
17.5°	4.7	4.7	5.7	6.4	6.9	7.9	9.1	11.6	15.1	19.0	27.6
15°	4.7	4.7	5.7	6.5	6.9	8.0	9.3	12.1	16.0	20.5	31.6
12.5°	4.7	4.7	5.7	6.6	6.9	8.1	9.5	12.5	16.9	22.0	35.8
10°	4.7	4.7	5.8	6.6	7.0	8.1	9.8	12.9	17.8	24.4	40.7
7.5°	4.7	4.7	5.8	6.7	7.0	8.1	10.0	13.3	18.7	27.1	47.2
5°	4.7	4.7	5.8	6.8	7.0	8.2	10.2	13.6	19.6	29.9	53.6
2.5°	4.7	4.7	5.8	6.9	7.0	8.2	10.3	13.8	20.4	32.6	59.8
0°	4.7	4.7	5.8	7.0	7.0	8.2	10.5	14.0	21.1	35.1	65.5
-2.5°	4.7	4.7	5.9	7.1	7.2	8.4	11.4	16.7	26.6	43.4	76.1
-5°	4.7	4.7	5.9	7.1	7.4	8.7	12.3	19.4	31.8	51.4	85.9
-7.5°	4.7	4.8	5.9	7.2	7.6	8.9	13.1	21.8	36.6	58.8	94.9
-10°	4.7	4.8	6.0	7.3	7.8	9.1	13.8	23.9	41.0	65.5	103.0
-12.5°	4.7	4.8	6.0	7.3	8.0	9.3	14.4	25.7	44.8	71.4	109.9
-15°	4.7	4.8	6.0	7.3	8.2	9.5	14.8	27.1	48.2	76.5	115.6
-17.5°	4.7	4.9	6.1	7.4	8.3	9.7	15.1	28.6	51.2	80.8	120.1
-20°	4.7	4.9	6.1	7.4	8.5	9.9	15.4	29.8	53.5	84.2	123.3



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 CATALOG NUMBER: EPH-08-320L-40-70-2S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	4.9	6.1	7.4	8.6	10.0	15.7	30.5	55.0	86.6	125.0
-25°	4.7	4.9	6.1	7.4	8.7	10.2	15.8	30.4	55.5	88.0	125.3
-27.5°	4.7	4.9	6.1	7.4	8.7	10.4	15.6	29.7	55.2	88.4	126.4
-30°	4.7	4.9	6.1	7.4	8.8	10.6	15.0	28.1	54.2	87.8	126.2
-32.5°	4.7	4.9	6.1	7.4	8.8	10.6	14.0	27.1	52.4	85.8	124.7
-35°	4.7	5.0	6.1	7.4	8.8	10.6	13.7	26.0	49.4	82.6	121.7
-37.5°	4.7	5.0	6.1	7.4	8.8	10.6	13.7	24.3	45.3	78.0	113.1
-40°	4.7	5.0	6.0	7.3	8.8	10.5	13.5	22.1	40.1	72.3	103.2
-42.5°	4.7	5.0	6.0	7.3	8.7	10.5	13.3	19.3	36.0	63.3	92.3
-45°	4.7	5.0	6.0	7.2	8.7	10.4	12.9	17.2	32.1	53.2	80.4
-47.5°	4.7	5.0	5.9	7.2	8.6	10.3	12.4	16.6	27.5	42.6	68.5
-50°	4.7	5.0	5.9	7.1	8.5	10.2	12.1	15.7	21.8	36.1	55.8
-52.5°	4.7	5.0	5.8	7.0	8.4	10.0	11.9	14.8	18.9	29.2	43.1
-55°	4.7	5.0	5.8	6.9	8.2	9.8	11.6	13.7	17.4	22.0	35.0
-57.5°	4.7	4.9	5.7	6.8	8.1	9.6	11.3	13.3	15.8	19.0	26.6
-60°	4.7	4.9	5.7	6.7	7.9	9.3	11.0	12.8	14.4	17.3	20.1
-62.5°	4.7	4.9	5.6	6.5	7.7	9.0	10.6	12.2	13.7	15.6	18.3
-65°	4.7	4.9	5.5	6.4	7.4	8.7	10.2	11.6	13.0	14.5	16.5
-67.5°	4.7	4.9	5.5	6.2	7.2	8.4	9.7	11.1	12.2	13.5	15.1
-70°	4.7	4.9	5.4	6.1	7.0	8.0	9.3	10.5	11.6	12.5	13.8
-72.5°	4.7	4.9	5.3	5.9	6.7	7.6	8.7	10.0	11.0	11.9	12.7
-75°	4.7	4.8	5.2	5.8	6.4	7.2	8.2	9.3	10.5	11.4	12.2
-77.5°	4.7	4.8	5.2	5.7	6.2	6.8	7.6	8.7	9.7	10.8	11.7
-80°	4.7	4.8	5.1	5.5	6.0	6.5	7.0	8.0	9.0	9.9	10.9
-82.5°	4.7	4.8	5.0	5.4	5.8	6.3	6.7	7.4	8.2	9.1	10.0
-85°	4.7	4.7	4.9	5.3	5.6	6.0	6.4	7.0	7.6	8.3	9.0
-87.5°	4.7	4.7	4.8	5.1	5.4	5.8	6.1	6.5	7.0	7.5	8.0
-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°	7.0	7.0	7.0	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1
87.5°	3.9	3.8	3.7	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6
85°	4.3	4.1	3.9	3.7	3.7	3.7	3.6	3.5	3.3	3.2	3.1
82.5°	4.5	4.4	4.4	4.4	4.3	4.1	3.8	3.5	3.5	3.5	3.5
80°	4.7	4.7	4.7	4.7	4.5	4.2	3.9	3.6	3.5	3.5	3.6
77.5°	4.7	4.7	4.7	4.7	4.5	4.3	4.2	4.2	4.2	4.1	3.9
75°	4.7	4.7	4.7	4.7	4.6	4.6	4.7	4.7	4.6	4.5	4.5
72.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	5.7	7.0	7.8
70°	4.7	4.7	4.7	4.7	4.7	5.1	6.8	9.1	11.4	12.7	14.2
67.5°	4.7	4.7	4.7	4.9	6.1	8.0	10.6	15.6	21.2	22.8	22.7
65°	4.7	4.7	5.3	6.5	8.0	12.0	17.3	23.9	28.9	28.0	26.0
62.5°	4.7	5.2	6.3	8.3	11.6	16.6	21.6	26.3	31.2	29.9	25.4
60°	5.2	5.9	8.0	11.4	14.9	18.3	23.1	26.2	28.8	28.9	22.3
57.5°	5.7	7.2	10.5	13.8	16.6	18.8	20.8	23.2	24.0	23.5	17.1
55°	6.6	9.1	12.5	15.6	17.4	16.5	17.4	18.0	17.6	16.1	11.2
52.5°	8.1	10.8	14.2	16.7	16.8	14.7	13.1	13.1	11.9	9.8	8.3
50°	9.4	12.5	15.8	17.1	15.9	12.6	9.9	9.6	8.8	7.8	7.0
47.5°	10.7	14.1	17.0	17.4	14.2	11.6	9.2	8.3	7.8	7.7	7.3
45°	12.0	15.0	18.0	16.1	13.4	11.5	9.8	8.2	8.4	8.3	7.9
42.5°	13.1	15.6	17.0	15.1	13.7	12.4	11.2	10.0	9.4	9.5	9.5
40°	13.5	16.0	16.2	15.8	14.6	14.1	13.9	13.0	11.1	12.0	12.3
37.5°	13.7	15.8	16.6	17.9	16.4	16.9	17.4	17.7	16.4	15.5	17.8
35°	13.7	16.1	19.4	21.3	20.3	20.8	22.8	23.7	23.1	22.8	27.1
32.5°	13.9	16.9	23.3	25.5	26.9	27.6	29.3	30.9	32.6	35.2	43.3
30°	15.5	20.6	27.9	30.3	34.9	39.9	38.6	39.6	43.8	59.7	73.5
27.5°	19.0	25.5	32.5	37.6	45.2	55.8	57.4	52.8	66.6	90.9	113.5
25°	23.0	41.1	37.6	46.4	60.7	75.0	81.6	84.7	101.0	133.7	159.2
22.5°	31.7	62.0	60.5	55.9	78.5	97.3	113.7	146.4	192.3	202.6	208.0
20°	46.9	82.6	88.5	93.2	105.4	122.3	150.8	228.9	326.7	362.6	325.3
17.5°	65.0	105.2	119.8	141.2	169.1	174.5	198.0	327.5	495.5	554.2	565.5
15°	85.2	129.4	153.1	195.0	237.4	257.7	326.0	486.9	680.3	776.1	842.5
12.5°	107.0	154.8	187.8	253.1	309.3	341.3	487.0	732.2	918.0	1029.8	1205.0
10°	129.5	180.9	223.4	314.2	383.7	424.9	664.9	985.7	1172.8	1300.0	1525.4
7.5°	153.0	206.1	258.8	376.6	459.4	508.1	852.2	1241.4	1421.0	1559.6	1786.6
5°	175.4	229.3	290.3	429.1	522.2	580.0	1025.8	1492.3	1662.1	1809.0	2012.4
2.5°	196.0	251.5	320.8	477.4	574.9	634.4	1124.5	1635.6	1815.7	1990.7	2213.4
0°	214.0	272.5	349.7	521.6	624.6	686.6	1204.7	1760.3	1946.2	2136.9	2403.6
-2.5°	216.7	278.8	358.7	517.6	615.3	678.6	1183.7	1741.0	1967.1	2189.6	2468.1
-5°	216.5	283.5	365.3	509.4	603.3	668.1	1142.5	1697.1	1959.6	2180.1	2441.6
-7.5°	214.0	286.3	369.3	497.5	584.6	644.7	1063.3	1589.1	1864.2	2058.6	2309.8
-10°	209.8	285.3	363.7	477.1	558.2	613.1	962.2	1461.5	1764.0	1934.4	2157.8
-12.5°	204.3	281.2	355.0	455.3	532.3	580.7	844.8	1316.8	1661.3	1811.1	1993.9
-15°	198.0	276.1	344.8	432.9	508.1	548.1	712.6	1157.4	1560.0	1715.6	1858.6
-17.5°	191.3	270.1	333.1	410.7	486.3	515.6	569.9	983.5	1415.8	1611.6	1756.6
-20°	184.6	263.3	320.3	389.4	465.7	494.2	529.4	816.3	1206.0	1491.4	1644.9



REPORT NUMBER: P1305455 (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°	178.4	256.0	308.3	372.0	442.5	482.5	509.7	652.8	984.6	1357.1	1525.6
-25°	176.0	245.1	298.3	355.7	420.5	471.7	491.4	515.4	782.8	1139.8	1404.8
-27.5°	175.5	235.9	287.1	338.2	398.6	457.7	478.2	495.9	632.2	921.6	1265.0
-30°	173.1	223.5	274.7	320.8	377.5	432.9	468.1	487.6	518.3	741.9	1027.8
-32.5°	165.6	210.3	260.1	306.0	355.7	409.2	459.7	483.7	508.8	570.3	809.8
-35°	155.7	198.3	244.5	289.8	333.4	386.0	437.9	480.5	499.4	528.0	627.9
-37.5°	146.4	185.0	228.5	272.4	314.5	362.0	414.6	462.3	495.4	517.6	553.2
-40°	135.9	170.4	212.4	254.5	295.0	338.2	387.0	436.3	481.0	519.2	546.6
-42.5°	124.2	157.5	195.3	235.9	274.0	314.9	358.0	405.8	456.5	508.8	547.6
-45°	110.9	143.2	177.3	214.2	251.1	289.5	330.3	373.2	424.6	477.9	529.8
-47.5°	96.4	127.5	159.9	191.1	226.1	262.3	300.4	342.4	387.8	438.3	491.6
-50°	81.2	110.2	140.4	169.2	199.5	233.2	268.5	308.6	351.0	395.2	443.0
-52.5°	66.4	91.6	119.5	147.3	174.2	202.9	235.9	272.1	311.1	351.9	391.8
-55°	50.8	73.8	97.7	123.9	149.9	174.8	202.3	234.8	268.2	305.2	340.7
-57.5°	39.0	55.7	76.9	99.3	123.7	148.3	172.9	197.5	226.9	257.7	286.8
-60°	29.3	40.8	56.6	76.1	96.3	119.3	143.6	166.8	189.2	210.5	235.6
-62.5°	20.7	29.7	40.3	53.5	71.3	89.6	110.5	132.7	155.5	173.9	190.7
-65°	18.8	20.8	27.9	37.5	47.0	63.0	79.7	96.2	115.6	133.4	150.0
-67.5°	16.8	18.7	20.5	23.8	32.4	41.6	50.9	65.4	79.9	92.7	105.3
-70°	15.3	16.6	18.2	19.8	21.6	25.5	33.5	41.6	49.7	59.1	70.3
-72.5°	13.9	15.2	16.3	17.3	18.8	20.7	22.7	24.7	29.4	35.9	42.6
-75°	12.9	13.8	15.0	16.0	16.9	17.9	19.2	20.9	22.5	23.9	25.2
-77.5°	12.2	12.8	13.6	14.6	15.3	15.9	16.6	17.6	18.7	19.9	21.2
-80°	11.3	11.7	12.1	12.7	13.2	13.7	14.1	14.6	15.2	16.0	17.0
-82.5°	10.3	10.5	10.8	11.1	11.2	11.5	11.8	12.1	12.5	12.9	13.4
-85°	9.2	9.4	9.6	9.7	9.7	9.6	9.6	9.7	9.9	10.1	10.3
-87.5°	8.1	8.2	8.3	8.4	8.4	8.4	8.3	8.2	8.3	8.3	8.4
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.4	9.4	9.4	9.4	9.4	12.6	15.8	19.0	22.2	27.7	33.3
87.5°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2
85°	3.1	2.9	2.7	2.5	2.3	2.3	2.2	2.2	2.2	2.0	1.7
82.5°	3.5	3.2	2.9	2.6	2.3	2.1	1.9	1.6	1.3	1.3	1.2
80°	3.5	3.2	2.9	2.6	2.3	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	3.7	3.5	3.2	2.8	2.4	2.3	2.3	2.3	2.3	2.1	1.8
75°	4.6	4.5	4.4	4.1	3.6	3.4	3.2	2.8	2.4	2.3	2.3
72.5°	8.3	8.3	7.8	7.4	6.5	5.9	5.7	5.4	5.1	5.0	5.0
70°	14.7	14.4	13.6	12.0	9.8	8.3	7.7	6.9	6.1	5.8	5.7
67.5°	20.7	18.4	16.2	13.9	11.2	9.1	8.0	6.8	5.6	4.9	4.9
65°	22.9	18.4	15.2	12.7	10.7	8.7	7.2	5.8	4.5	3.9	4.1
62.5°	20.6	15.2	11.9	9.7	8.0	6.8	5.6	4.6	3.9	3.5	3.6
60°	16.4	11.1	8.2	6.8	5.7	4.8	4.2	3.6	3.1	2.7	2.9
57.5°	11.8	7.9	5.7	5.3	4.7	3.9	3.3	3.1	3.1	3.1	3.3
55°	8.0	6.6	5.8	5.2	4.6	3.9	3.5	3.5	3.5	3.5	3.5
52.5°	6.7	6.3	5.9	5.4	4.8	4.1	3.5	3.5	3.5	3.5	3.5
50°	6.7	6.4	6.0	5.6	5.0	4.3	3.6	3.6	3.9	4.2	4.2
47.5°	6.8	6.5	6.3	5.8	5.3	5.0	4.7	4.8	5.2	5.4	5.3
45°	7.2	7.2	7.1	7.0	6.6	6.7	6.7	6.8	8.3	8.2	7.3
42.5°	8.8	9.4	9.9	10.2	8.8	11.4	15.4	17.2	15.1	12.2	10.3
40°	13.2	13.9	16.6	18.0	22.1	26.0	22.4	18.2	16.3	17.7	18.7
37.5°	21.1	25.0	30.4	36.8	34.2	27.2	27.4	27.3	26.6	28.9	28.9
35°	35.3	44.2	49.6	48.4	44.8	42.7	44.6	46.7	42.1	46.2	47.2
32.5°	56.7	67.4	68.8	65.1	65.4	68.9	75.3	74.4	75.8	80.5	85.8
30°	81.8	94.6	99.4	92.7	87.9	96.4	100.0	103.2	113.6	127.2	139.3
27.5°	123.2	132.5	140.9	133.9	119.9	130.4	137.8	135.6	164.2	179.4	213.5
25°	175.1	188.3	193.0	195.6	190.9	188.9	207.4	216.9	256.4	298.2	369.2
22.5°	239.0	275.0	285.2	271.9	286.8	297.3	309.8	352.1	431.0	559.3	742.6
20°	320.2	393.6	452.7	443.1	407.9	452.9	503.8	637.0	867.5	1386.0	1810.2
17.5°	577.3	578.6	696.6	744.0	686.1	783.7	1033.5	1466.8	2419.8	4168.6	5302.5
15°	974.5	1000.8	1055.1	1118.6	1222.9	1477.8	1981.2	3796.8	6531.0	10314.1	14195.9
12.5°	1395.6	1454.9	1547.8	1599.8	1812.7	2494.6	4653.9	8629.5	14400.9	21683.7	33764.6
10°	1757.5	1915.3	2035.0	2197.6	2746.9	4348.5	8074.6	14944.1	26577.8	42290.2	60860.3
7.5°	2013.4	2244.3	2446.7	2752.5	3893.2	7121.7	13371.1	24799.3	42371.4	64560.4	90159.2
5°	2270.7	2562.9	2789.9	3193.0	4625.4	9201.8	17518.1	34033.4	59407.3	89613.5	123849.3
2.5°	2532.2	2860.7	3110.7	3609.5	5093.7	10256.5	19622.1	39544.3	70672.1	107451.9	149016.8
0°	2795.4	3106.5	3369.7	3933.4	5821.2	11916.0	21603.9	41647.5	71721.8	109265.2	151455.4
-2.5°	2783.3	2988.7	3229.7	3666.5	5309.9	10969.3	20080.0	39359.8	67896.5	102719.9	140980.1
-5°	2677.4	2821.7	3012.7	3398.7	4750.4	9143.3	17366.6	33645.0	59967.8	91872.0	124850.3
-7.5°	2513.0	2634.0	2776.8	3095.4	4105.4	7277.3	14047.7	26985.1	47571.0	70685.4	95973.6
-10°	2355.3	2448.6	2550.0	2770.9	3419.9	5333.7	9965.8	18285.2	33114.7	50406.7	69651.2
-12.5°	2209.9	2284.4	2338.2	2431.6	2754.9	3863.3	7165.4	13114.7	21634.0	32345.5	46542.2
-15°	2061.8	2125.0	2152.8	2227.7	2439.2	2987.7	4318.8	8061.2	13524.0	20441.4	27639.7
-17.5°	1902.7	1977.8	2019.7	2067.8	2160.0	2387.2	3121.7	4695.2	7997.9	12641.9	17278.2
-20°	1772.0	1860.3	1896.3	1929.8	2014.7	2148.2	2357.8	3065.4	4271.8	7164.0	10047.0



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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°	1645.6	1725.2	1772.1	1843.9	1953.7	2046.1	2114.8	2283.4	2784.4	3573.6	4982.6
-25°	1530.7	1599.6	1692.0	1829.8	1937.4	2003.5	2016.4	2023.6	2166.4	2323.1	2798.8
-27.5°	1415.1	1512.7	1650.2	1805.7	1933.5	1965.7	1967.4	1965.0	1999.0	2022.7	2141.1
-30°	1312.0	1439.9	1569.6	1735.7	1860.1	1912.4	1934.6	1949.9	1967.4	1989.0	1996.9
-32.5°	1101.9	1363.3	1468.3	1601.3	1758.1	1840.8	1882.4	1918.0	1937.4	1956.2	1971.1
-35°	871.1	1146.9	1397.7	1483.6	1594.9	1735.1	1839.5	1882.1	1917.8	1938.0	1956.8
-37.5°	655.2	891.6	1135.4	1363.9	1477.4	1576.6	1710.1	1814.1	1879.7	1905.6	1928.3
-40°	577.3	638.7	854.0	1063.6	1263.7	1452.7	1563.6	1689.2	1789.6	1840.5	1879.9
-42.5°	574.3	596.9	618.9	766.0	951.9	1134.1	1306.3	1467.6	1616.4	1717.6	1792.7
-45°	573.7	589.8	608.1	630.1	652.3	794.5	953.7	1113.8	1277.1	1430.3	1567.7
-47.5°	536.5	576.5	598.4	616.0	630.7	649.5	670.9	711.4	844.3	978.3	1112.6
-50°	485.3	525.3	561.9	596.9	614.7	626.8	638.6	651.9	668.7	685.6	702.8
-52.5°	428.0	466.0	503.3	536.8	565.5	593.2	619.4	631.5	640.4	648.6	655.6
-55°	374.6	407.2	438.7	468.4	497.1	524.1	548.7	569.8	589.3	607.0	620.9
-57.5°	317.9	348.9	378.3	403.2	427.0	449.6	471.4	491.6	509.9	526.0	539.6
-60°	261.0	286.5	312.3	336.0	358.6	380.0	398.1	414.7	429.9	443.9	456.6
-62.5°	207.4	227.3	249.1	269.0	286.9	304.4	323.6	340.2	354.3	366.7	378.2
-65°	165.4	179.6	195.2	210.3	224.9	241.4	259.6	275.5	289.2	300.6	310.4
-67.5°	119.5	133.3	148.3	162.0	174.6	188.4	205.1	220.9	235.6	247.5	257.1
-70°	80.5	90.3	101.6	113.8	126.0	139.0	153.6	167.8	181.5	192.5	201.6
-72.5°	49.4	55.9	62.3	70.5	78.9	88.9	100.1	111.4	122.7	132.0	139.9
-75°	26.3	28.5	33.4	38.1	42.4	48.0	53.7	59.1	64.0	68.5	72.7
-77.5°	22.5	23.4	24.2	25.0	25.8	28.0	30.8	33.7	36.6	39.7	42.8
-80°	17.9	18.6	19.3	20.0	20.7	22.4	24.3	26.1	28.0	30.0	32.1
-82.5°	13.8	14.2	14.5	14.8	15.1	16.4	17.7	19.1	20.4	22.1	23.7
-85°	10.4	10.6	10.8	10.9	11.0	12.1	13.1	14.1	15.0	16.8	18.6
-87.5°	8.4	8.4	8.4	8.3	8.3	9.6	10.9	12.1	13.2	14.7	16.1
-90°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	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°	38.8	44.4	47.3	50.3	47.3	44.4	38.8	33.3	27.7	22.2	19.0
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.2	2.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.6
80°	2.3	2.3	1.8	1.2	1.8	2.3	2.3	2.2	2.2	2.2	2.2
77.5°	1.5	1.2	1.7	2.3	1.7	1.2	1.5	1.8	2.1	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.8
72.5°	4.8	4.7	4.7	4.7	4.7	4.7	4.8	5.0	5.0	5.1	5.4
70°	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.8	6.1	6.9
67.5°	4.8	4.7	4.2	3.5	4.2	4.7	4.8	4.9	4.9	5.6	6.8
65°	4.3	4.6	4.2	3.5	4.2	4.6	4.3	4.1	3.9	4.5	5.8
62.5°	3.6	3.6	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.9	4.6
60°	3.1	3.4	3.5	3.5	3.5	3.4	3.1	2.9	2.7	3.1	3.6
57.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.1	3.1	3.1
55°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
52.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
50°	4.0	3.7	3.5	3.5	3.5	3.7	4.0	4.2	4.2	3.9	3.6
47.5°	5.1	4.8	4.7	4.7	4.7	4.8	5.1	5.3	5.4	5.2	4.8
45°	7.2	7.0	6.9	7.0	6.9	7.0	7.2	7.3	8.2	8.3	6.8
42.5°	10.5	10.5	10.4	10.5	10.4	10.5	10.5	10.3	12.2	15.1	17.2
40°	19.7	19.8	19.4	18.7	19.4	19.8	19.7	18.7	17.7	16.3	18.2
37.5°	28.8	28.9	28.9	29.2	28.9	28.9	28.8	28.9	28.9	26.6	27.3
35°	46.6	45.4	42.9	43.3	42.9	45.4	46.6	47.2	46.2	42.1	46.7
32.5°	89.1	87.9	83.0	86.6	83.0	87.9	89.1	85.8	80.5	75.8	74.4
30°	150.0	155.9	158.5	157.9	158.5	155.9	150.0	139.3	127.2	113.6	103.2
27.5°	231.0	244.2	252.4	257.3	252.4	244.2	231.0	213.5	179.4	164.2	135.6
25°	420.3	452.9	471.3	495.9	471.3	452.9	420.3	369.2	298.2	256.4	216.9
22.5°	939.8	1057.7	1132.8	1186.0	1132.8	1057.7	939.8	742.6	559.3	431.0	352.1
20°	2438.3	2428.6	2624.1	2729.9	2624.1	2428.6	2438.3	1810.2	1386.0	867.5	637.0
17.5°	7632.5	8845.5	9153.3	8890.2	9153.3	8845.5	7632.5	5302.5	4168.6	2419.8	1466.8
15°	19619.0	23670.7	25548.3	25522.1	25548.3	23670.7	19619.0	14195.9	10314.1	6531.0	3796.8
12.5°	42305.6	50130.7	55240.0	58330.9	55240.0	50130.7	42305.6	33764.6	21683.7	14400.9	8629.5
10°	76775.1	90179.8	100869.2	106239.3	100869.2	90179.8	76775.1	60860.3	42290.2	26577.8	14944.1
7.5°	113779.1	135468.1	153782.1	161384.2	153782.1	135468.1	113779.1	90159.2	64560.4	42371.4	24799.3
5°	156647.6	191158.4	208298.7	215684.6	208298.7	191158.4	156647.6	123849.3	89613.5	59407.3	34033.4
2.5°	192511.8	226923.8	250881.0	259986.0	250881.0	226923.8	192511.8	149016.8	107451.9	70672.1	39544.3
0°	199690.8	235665.1	262032.3	281118.5	262032.3	235665.1	199690.8	151455.4	109265.2	71721.8	41647.5
-2.5°	184443.1	219593.3	238859.4	246931.4	238859.4	219593.3	184443.1	140980.1	102719.9	67896.5	39359.8
-5°	160343.0	191540.5	209352.7	212930.2	209352.7	191540.5	160343.0	124850.3	91872.0	59967.8	33645.0
-7.5°	122530.9	144126.9	158176.2	161012.3	158176.2	144126.9	122530.9	95973.6	70685.4	47571.0	26985.1
-10°	89109.7	104680.6	113703.0	114679.3	113703.0	104680.6	89109.7	69651.2	50406.7	33114.7	18285.2
-12.5°	59538.9	71739.5	78120.6	79043.0	78120.6	71739.5	59538.9	46542.2	32345.5	21634.0	13114.7
-15°	37309.8	45245.8	49932.4	50948.3	49932.4	45245.8	37309.8	27639.7	20441.4	13524.0	8061.2
-17.5°	22988.5	27002.7	29460.9	31085.9	29460.9	27002.7	22988.5	17278.2	12641.9	7997.9	4695.2
-20°	13441.8	16044.8	17505.7	18169.9	17505.7	16044.8	13441.8	10047.0	7164.0	4271.8	3065.4



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6748.4	8032.6	8907.3	9039.9	8907.3	8032.6	6748.4	4982.6	3573.6	2784.4	2283.4
-25°	3272.9	3630.6	3876.0	3890.1	3876.0	3630.6	3272.9	2798.8	2323.1	2166.4	2023.6
-27.5°	2237.9	2312.3	2360.5	2388.3	2360.5	2312.3	2237.9	2141.1	2022.7	1999.0	1965.0
-30°	2005.2	2016.3	2023.1	2014.1	2023.1	2016.3	2005.2	1996.9	1989.0	1967.4	1949.9
-32.5°	1976.1	1981.3	1985.0	1979.0	1985.0	1981.3	1976.1	1971.1	1956.2	1937.4	1918.0
-35°	1973.8	1988.3	1999.6	1996.5	1999.6	1988.3	1973.8	1956.8	1938.0	1917.8	1882.1
-37.5°	1944.9	1957.6	1966.1	1966.1	1966.1	1957.6	1944.9	1928.3	1905.6	1879.7	1814.1
-40°	1901.9	1919.2	1930.0	1929.9	1930.0	1919.2	1901.9	1879.9	1840.5	1789.6	1689.2
-42.5°	1828.5	1852.7	1864.2	1863.2	1864.2	1852.7	1828.5	1792.7	1717.6	1616.4	1467.6
-45°	1670.8	1749.1	1791.1	1795.4	1791.1	1749.1	1670.8	1567.7	1430.3	1277.1	1113.8
-47.5°	1245.0	1365.6	1439.7	1456.2	1439.7	1365.6	1245.0	1112.6	978.3	844.3	711.4
-50°	719.9	736.1	742.9	740.4	742.9	736.1	719.9	702.8	685.6	668.7	651.9
-52.5°	662.4	668.9	673.8	677.2	673.8	668.9	662.4	655.6	648.6	640.4	631.5
-55°	632.1	640.9	646.4	649.1	646.4	640.9	632.1	620.9	607.0	589.3	569.8
-57.5°	550.7	559.4	564.2	566.1	564.2	559.4	550.7	539.6	526.0	509.9	491.6
-60°	467.2	475.7	480.7	483.0	480.7	475.7	467.2	456.6	443.9	429.9	414.7
-62.5°	387.9	395.9	400.7	403.5	400.7	395.9	387.9	378.2	366.7	354.3	340.2
-65°	319.1	326.7	330.8	333.3	330.8	326.7	319.1	310.4	300.6	289.2	275.5
-67.5°	265.6	273.2	278.2	281.9	278.2	273.2	265.6	257.1	247.5	235.6	220.9
-70°	209.8	217.3	220.0	221.1	220.0	217.3	209.8	201.6	192.5	181.5	167.8
-72.5°	147.0	153.2	157.3	160.2	157.3	153.2	147.0	139.9	132.0	122.7	111.4
-75°	76.4	79.8	82.2	84.2	82.2	79.8	76.4	72.7	68.5	64.0	59.1
-77.5°	45.8	48.7	50.2	51.5	50.2	48.7	45.8	42.8	39.7	36.6	33.7
-80°	34.1	36.1	36.8	37.4	36.8	36.1	34.1	32.1	30.0	28.0	26.1
-82.5°	25.3	26.8	27.5	28.1	27.5	26.8	25.3	23.7	22.1	20.4	19.1
-85°	20.4	22.2	22.8	23.4	22.8	22.2	20.4	18.6	16.8	15.0	14.1
-87.5°	17.4	18.8	19.9	21.1	19.9	18.8	17.4	16.1	14.7	13.2	12.1
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.5



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.8	12.6	9.4	9.4	9.4	9.4	9.4	9.1	8.8	8.5	8.2
87.5°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5
85°	2.2	2.3	2.3	2.5	2.7	2.9	3.1	3.1	3.2	3.3	3.5
82.5°	1.9	2.1	2.3	2.6	2.9	3.2	3.5	3.5	3.5	3.5	3.5
80°	2.2	2.2	2.3	2.6	2.9	3.2	3.5	3.6	3.5	3.5	3.6
77.5°	2.3	2.3	2.4	2.8	3.2	3.5	3.7	3.9	4.1	4.2	4.2
75°	3.2	3.4	3.6	4.1	4.4	4.5	4.6	4.5	4.5	4.6	4.7
72.5°	5.7	5.9	6.5	7.4	7.8	8.3	8.3	7.8	7.0	5.7	4.7
70°	7.7	8.3	9.8	12.0	13.6	14.4	14.7	14.2	12.7	11.4	9.1
67.5°	8.0	9.1	11.2	13.9	16.2	18.4	20.7	22.7	22.8	21.2	15.6
65°	7.2	8.7	10.7	12.7	15.2	18.4	22.9	26.0	28.0	28.9	23.9
62.5°	5.6	6.8	8.0	9.7	11.9	15.2	20.6	25.4	29.9	31.2	26.3
60°	4.2	4.8	5.7	6.8	8.2	11.1	16.4	22.3	28.9	28.8	26.2
57.5°	3.3	3.9	4.7	5.3	5.7	7.9	11.8	17.1	23.5	24.0	23.2
55°	3.5	3.9	4.6	5.2	5.8	6.6	8.0	11.2	16.1	17.6	18.0
52.5°	3.5	4.1	4.8	5.4	5.9	6.3	6.7	8.3	9.8	11.9	13.1
50°	3.6	4.3	5.0	5.6	6.0	6.4	6.7	7.0	7.8	8.8	9.6
47.5°	4.7	5.0	5.3	5.8	6.3	6.5	6.8	7.3	7.7	7.8	8.3
45°	6.7	6.7	6.6	7.0	7.1	7.2	7.2	7.9	8.3	8.4	8.2
42.5°	15.4	11.4	8.8	10.2	9.9	9.4	8.8	9.5	9.5	9.4	10.0
40°	22.4	26.0	22.1	18.0	16.6	13.9	13.2	12.3	12.0	11.1	13.0
37.5°	27.4	27.2	34.2	36.8	30.4	25.0	21.1	17.8	15.5	16.4	17.7
35°	44.6	42.7	44.8	48.4	49.6	44.2	35.3	27.1	22.8	23.1	23.7
32.5°	75.3	68.9	65.4	65.1	68.8	67.4	56.7	43.3	35.2	32.6	30.9
30°	100.0	96.4	87.9	92.7	99.4	94.6	81.8	73.5	59.7	43.8	39.6
27.5°	137.8	130.4	119.9	133.9	140.9	132.5	123.2	113.5	90.9	66.6	52.8
25°	207.4	188.9	190.9	195.6	193.0	188.3	175.1	159.2	133.7	101.0	84.7
22.5°	309.8	297.3	286.8	271.9	285.2	275.0	239.0	208.0	202.6	192.3	146.4
20°	503.8	452.9	407.9	443.1	452.7	393.6	320.2	325.3	362.6	326.7	228.9
17.5°	1033.5	783.7	686.1	744.0	696.6	578.6	577.3	565.5	554.2	495.5	327.5
15°	1981.2	1477.8	1222.9	1118.6	1055.1	1000.8	974.5	842.5	776.1	680.3	486.9
12.5°	4653.9	2494.6	1812.7	1599.8	1547.8	1454.9	1395.6	1205.0	1029.8	918.0	732.2
10°	8074.6	4348.5	2746.9	2197.6	2035.0	1915.3	1757.5	1525.4	1300.0	1172.8	985.7
7.5°	13371.1	7121.7	3893.2	2752.5	2446.7	2244.3	2013.4	1786.6	1559.6	1421.0	1241.4
5°	17518.1	9201.8	4625.4	3193.0	2789.9	2562.9	2270.7	2012.4	1809.0	1662.1	1492.3
2.5°	19622.1	10256.5	5093.7	3609.5	3110.7	2860.7	2532.2	2213.4	1990.7	1815.7	1635.6
0°	<b>21603.9</b>	<b>11916.0</b>	<b>5821.2</b>	<b>3933.4</b>	<b>3369.7</b>	<b>3106.5</b>	<b>2795.4</b>	<b>2403.6</b>	<b>2136.9</b>	<b>1946.2</b>	<b>1760.3</b>
-2.5°	20080.0	10969.3	5309.9	3666.5	3229.7	2988.7	2783.3	2468.1	2189.6	1967.1	1741.0
-5°	17366.6	9143.3	4750.4	3398.7	3012.7	2821.7	2677.4	2441.6	2180.1	1959.6	1697.1
-7.5°	14047.7	7277.3	4105.4	3095.4	2776.8	2634.0	2513.0	2309.8	2058.6	1864.2	1589.1
-10°	9965.8	5333.7	3419.9	2770.9	2550.0	2448.6	2355.3	2157.8	1934.4	1764.0	1461.5
-12.5°	7165.4	3863.3	2754.9	2431.6	2338.2	2284.4	2209.9	1993.9	1811.1	1661.3	1316.8
-15°	4318.8	2987.7	2439.2	2227.7	2152.8	2125.0	2061.8	1858.6	1715.6	1560.0	1157.4
-17.5°	3121.7	2387.2	2160.0	2067.8	2019.7	1977.8	1902.7	1756.6	1611.6	1415.8	983.5
-20°	2357.8	2148.2	2014.7	1929.8	1896.3	1860.3	1772.0	1644.9	1491.4	1206.0	816.3



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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°	2114.8	2046.1	1953.7	1843.9	1772.1	1725.2	1645.6	1525.6	1357.1	984.6	652.8
-25°	2016.4	2003.5	1937.4	1829.8	1692.0	1599.6	1530.7	1404.8	1139.8	782.8	515.4
-27.5°	1967.4	1965.7	1933.5	1805.7	1650.2	1512.7	1415.1	1265.0	921.6	632.2	495.9
-30°	1934.6	1912.4	1860.1	1735.7	1569.6	1439.9	1312.0	1027.8	741.9	518.3	487.6
-32.5°	1882.4	1840.8	1758.1	1601.3	1468.3	1363.3	1101.9	809.8	570.3	508.8	483.7
-35°	1839.5	1735.1	1594.9	1483.6	1397.7	1146.9	871.1	627.9	528.0	499.4	480.5
-37.5°	1710.1	1576.6	1477.4	1363.9	1135.4	891.6	655.2	553.2	517.6	495.4	462.3
-40°	1563.6	1452.7	1263.7	1063.6	854.0	638.7	577.3	546.6	519.2	481.0	436.3
-42.5°	1306.3	1134.1	951.9	766.0	618.9	596.9	574.3	547.6	508.8	456.5	405.8
-45°	953.7	794.5	652.3	630.1	608.1	589.8	573.7	529.8	477.9	424.6	373.2
-47.5°	670.9	649.5	630.7	616.0	598.4	576.5	536.5	491.6	438.3	387.8	342.4
-50°	638.6	626.8	614.7	596.9	561.9	525.3	485.3	443.0	395.2	351.0	308.6
-52.5°	619.4	593.2	565.5	536.8	503.3	466.0	428.0	391.8	351.9	311.1	272.1
-55°	548.7	524.1	497.1	468.4	438.7	407.2	374.6	340.7	305.2	268.2	234.8
-57.5°	471.4	449.6	427.0	403.2	378.3	348.9	317.9	286.8	257.7	226.9	197.5
-60°	398.1	380.0	358.6	336.0	312.3	286.5	261.0	235.6	210.5	189.2	166.8
-62.5°	323.6	304.4	286.9	269.0	249.1	227.3	207.4	190.7	173.9	155.5	132.7
-65°	259.6	241.4	224.9	210.3	195.2	179.6	165.4	150.0	133.4	115.6	96.2
-67.5°	205.1	188.4	174.6	162.0	148.3	133.3	119.5	105.3	92.7	79.9	65.4
-70°	153.6	139.0	126.0	113.8	101.6	90.3	80.5	70.3	59.1	49.7	41.6
-72.5°	100.1	88.9	78.9	70.5	62.3	55.9	49.4	42.6	35.9	29.4	24.7
-75°	53.7	48.0	42.4	38.1	33.4	28.5	26.3	25.2	23.9	22.5	20.9
-77.5°	30.8	28.0	25.8	25.0	24.2	23.4	22.5	21.2	19.9	18.7	17.6
-80°	24.3	22.4	20.7	20.0	19.3	18.6	17.9	17.0	16.0	15.2	14.6
-82.5°	17.7	16.4	15.1	14.8	14.5	14.2	13.8	13.4	12.9	12.5	12.1
-85°	13.1	12.1	11.0	10.9	10.8	10.6	10.4	10.3	10.1	9.9	9.7
-87.5°	10.9	9.6	8.3	8.3	8.4	8.4	8.4	8.4	8.3	8.3	8.2
-90°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.6	2.9	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°	7.9	7.6	7.3	7.0	7.0	7.0	7.0	7.0	6.7	6.4	6.1
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°	3.6	3.7	3.7	3.7	3.9	4.1	4.3	4.5	4.5	4.5	4.6
82.5°	3.8	4.1	4.3	4.4	4.4	4.4	4.5	4.7	4.7	4.7	4.7
80°	3.9	4.2	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
77.5°	4.2	4.3	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
75°	4.7	4.6	4.6	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°	6.8	5.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
67.5°	10.6	8.0	6.1	4.9	4.7	4.7	4.7	4.8	4.9	4.7	4.7
65°	17.3	12.0	8.0	6.5	5.3	4.7	4.7	4.9	5.1	4.9	4.7
62.5°	21.6	16.6	11.6	8.3	6.3	5.2	4.7	5.0	5.2	5.2	4.9
60°	23.1	18.3	14.9	11.4	8.0	5.9	5.2	5.0	5.3	5.5	5.2
57.5°	20.8	18.8	16.6	13.8	10.5	7.2	5.7	5.4	5.3	5.6	5.5
55°	17.4	16.5	17.4	15.6	12.5	9.1	6.6	5.8	5.5	5.6	5.8
52.5°	13.1	14.7	16.8	16.7	14.2	10.8	8.1	6.3	5.9	5.7	5.9
50°	9.9	12.6	15.9	17.1	15.8	12.5	9.4	7.3	6.3	5.8	6.0
47.5°	9.2	11.6	14.2	17.4	17.0	14.1	10.7	8.2	6.8	6.2	6.2
45°	9.8	11.5	13.4	16.1	18.0	15.0	12.0	8.8	7.3	6.7	6.4
42.5°	11.2	12.4	13.7	15.1	17.0	15.6	13.1	9.8	7.7	7.1	6.7
40°	13.9	14.1	14.6	15.8	16.2	16.0	13.5	10.6	8.0	7.6	7.0
37.5°	17.4	16.9	16.4	17.9	16.6	15.8	13.7	11.4	8.8	8.1	7.4
35°	22.8	20.8	20.3	21.3	19.4	16.1	13.7	11.8	10.1	8.8	7.8
32.5°	29.3	27.6	26.9	25.5	23.3	16.9	13.9	12.8	11.4	9.4	8.1
30°	38.6	39.9	34.9	30.3	27.9	20.6	15.5	14.0	12.6	10.2	8.5
27.5°	57.4	55.8	45.2	37.6	32.5	25.5	19.0	15.4	13.9	11.0	9.1
25°	81.6	75.0	60.7	46.4	37.6	41.1	23.0	17.0	15.1	12.1	9.7
22.5°	113.7	97.3	78.5	55.9	60.5	62.0	31.7	20.2	16.3	13.1	10.3
20°	150.8	122.3	105.4	93.2	88.5	82.6	46.9	23.8	17.6	14.1	11.0
17.5°	198.0	174.5	169.1	141.2	119.8	105.2	65.0	27.6	19.0	15.1	11.6
15°	326.0	257.7	237.4	195.0	153.1	129.4	85.2	31.6	20.5	16.0	12.1
12.5°	487.0	341.3	309.3	253.1	187.8	154.8	107.0	35.8	22.0	16.9	12.5
10°	664.9	424.9	383.7	314.2	223.4	180.9	129.5	40.7	24.4	17.8	12.9
7.5°	852.2	508.1	459.4	376.6	258.8	206.1	153.0	47.2	27.1	18.7	13.3
5°	1025.8	580.0	522.2	429.1	290.3	229.3	175.4	53.6	29.9	19.6	13.6
2.5°	1124.5	634.4	574.9	477.4	320.8	251.5	196.0	59.8	32.6	20.4	13.8
0°	1204.7	686.6	624.6	521.6	349.7	272.5	214.0	65.5	35.1	21.1	14.0
-2.5°	1183.7	678.6	615.3	517.6	358.7	278.8	216.7	76.1	43.4	26.6	16.7
-5°	1142.5	668.1	603.3	509.4	365.3	283.5	216.5	85.9	51.4	31.8	19.4
-7.5°	1063.3	644.7	584.6	497.5	369.3	286.3	214.0	94.9	58.8	36.6	21.8
-10°	962.2	613.1	558.2	477.1	363.7	285.3	209.8	103.0	65.5	41.0	23.9
-12.5°	844.8	580.7	532.3	455.3	355.0	281.2	204.3	109.9	71.4	44.8	25.7
-15°	712.6	548.1	508.1	432.9	344.8	276.1	198.0	115.6	76.5	48.2	27.1
-17.5°	569.9	515.6	486.3	410.7	333.1	270.1	191.3	120.1	80.8	51.2	28.6
-20°	529.4	494.2	465.7	389.4	320.3	263.3	184.6	123.3	84.2	53.5	29.8



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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°	509.7	482.5	442.5	372.0	308.3	256.0	178.4	125.0	86.6	55.0	30.5
-25°	491.4	471.7	420.5	355.7	298.3	245.1	176.0	125.3	88.0	55.5	30.4
-27.5°	478.2	457.7	398.6	338.2	287.1	235.9	175.5	126.4	88.4	55.2	29.7
-30°	468.1	432.9	377.5	320.8	274.7	223.5	173.1	126.2	87.8	54.2	28.1
-32.5°	459.7	409.2	355.7	306.0	260.1	210.3	165.6	124.7	85.8	52.4	27.1
-35°	437.9	386.0	333.4	289.8	244.5	198.3	155.7	121.7	82.6	49.4	26.0
-37.5°	414.6	362.0	314.5	272.4	228.5	185.0	146.4	113.1	78.0	45.3	24.3
-40°	387.0	338.2	295.0	254.5	212.4	170.4	135.9	103.2	72.3	40.1	22.1
-42.5°	358.0	314.9	274.0	235.9	195.3	157.5	124.2	92.3	63.3	36.0	19.3
-45°	330.3	289.5	251.1	214.2	177.3	143.2	110.9	80.4	53.2	32.1	17.2
-47.5°	300.4	262.3	226.1	191.1	159.9	127.5	96.4	68.5	42.6	27.5	16.6
-50°	268.5	233.2	199.5	169.2	140.4	110.2	81.2	55.8	36.1	21.8	15.7
-52.5°	235.9	202.9	174.2	147.3	119.5	91.6	66.4	43.1	29.2	18.9	14.8
-55°	202.3	174.8	149.9	123.9	97.7	73.8	50.8	35.0	22.0	17.4	13.7
-57.5°	172.9	148.3	123.7	99.3	76.9	55.7	39.0	26.6	19.0	15.8	13.3
-60°	143.6	119.3	96.3	76.1	56.6	40.8	29.3	20.1	17.3	14.4	12.8
-62.5°	110.5	89.6	71.3	53.5	40.3	29.7	20.7	18.3	15.6	13.7	12.2
-65°	79.7	63.0	47.0	37.5	27.9	20.8	18.8	16.5	14.5	13.0	11.6
-67.5°	50.9	41.6	32.4	23.8	20.5	18.7	16.8	15.1	13.5	12.2	11.1
-70°	33.5	25.5	21.6	19.8	18.2	16.6	15.3	13.8	12.5	11.6	10.5
-72.5°	22.7	20.7	18.8	17.3	16.3	15.2	13.9	12.7	11.9	11.0	10.0
-75°	19.2	17.9	16.9	16.0	15.0	13.8	12.9	12.2	11.4	10.5	9.3
-77.5°	16.6	15.9	15.3	14.6	13.6	12.8	12.2	11.7	10.8	9.7	8.7
-80°	14.1	13.7	13.2	12.7	12.1	11.7	11.3	10.9	9.9	9.0	8.0
-82.5°	11.8	11.5	11.2	11.1	10.8	10.5	10.3	10.0	9.1	8.2	7.4
-85°	9.6	9.6	9.7	9.7	9.6	9.4	9.2	9.0	8.3	7.6	7.0
-87.5°	8.3	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.5	7.0	6.5
-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°	5.8	5.5	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	4.8	4.7	4.7	4.7	4.7	4.7
72.5°	4.8	4.9	4.8	4.7	4.7	4.7	4.7
70°	4.8	4.9	4.9	4.7	4.7	4.7	4.7
67.5°	4.8	5.0	5.0	4.8	4.7	4.7	4.7
65°	4.8	5.1	5.1	4.9	4.7	4.7	4.7
62.5°	4.9	5.1	5.3	5.1	4.7	4.7	4.7
60°	4.9	5.2	5.4	5.2	4.7	4.7	4.7
57.5°	5.2	5.2	5.4	5.3	4.8	4.7	4.7
55°	5.5	5.2	5.4	5.4	4.9	4.7	4.7
52.5°	5.7	5.3	5.5	5.5	4.9	4.7	4.7
50°	6.0	5.5	5.5	5.6	5.0	4.7	4.7
47.5°	6.3	5.7	5.5	5.7	5.1	4.7	4.7
45°	6.4	6.0	5.6	5.8	5.2	4.7	4.7
42.5°	6.6	6.2	5.6	5.8	5.2	4.7	4.7
40°	6.8	6.4	5.7	5.8	5.3	4.7	4.7
37.5°	7.0	6.6	5.9	5.8	5.3	4.7	4.7
35°	7.2	6.8	6.0	5.9	5.4	4.7	4.7
32.5°	7.5	7.0	6.2	5.9	5.5	4.7	4.7
30°	7.8	7.2	6.3	6.0	5.5	4.7	4.7
27.5°	8.1	7.4	6.5	6.0	5.6	4.7	4.7
25°	8.4	7.6	6.6	6.1	5.6	4.7	4.7
22.5°	8.6	7.7	6.7	6.2	5.6	4.7	4.7
20°	8.9	7.8	6.8	6.3	5.7	4.7	4.7
17.5°	9.1	7.9	6.9	6.4	5.7	4.7	4.7
15°	9.3	8.0	6.9	6.5	5.7	4.7	4.7
12.5°	9.5	8.1	6.9	6.6	5.7	4.7	4.7
10°	9.8	8.1	7.0	6.6	5.8	4.7	4.7
7.5°	10.0	8.1	7.0	6.7	5.8	4.7	4.7
5°	10.2	8.2	7.0	6.8	5.8	4.7	4.7
2.5°	10.3	8.2	7.0	6.9	5.8	4.7	4.7
0°	10.5	8.2	7.0	7.0	5.8	4.7	4.7
-2.5°	11.4	8.4	7.2	7.1	5.9	4.7	4.7
-5°	12.3	8.7	7.4	7.1	5.9	4.7	4.7
-7.5°	13.1	8.9	7.6	7.2	5.9	4.8	4.7
-10°	13.8	9.1	7.8	7.3	6.0	4.8	4.7
-12.5°	14.4	9.3	8.0	7.3	6.0	4.8	4.7
-15°	14.8	9.5	8.2	7.3	6.0	4.8	4.7
-17.5°	15.1	9.7	8.3	7.4	6.1	4.9	4.7
-20°	15.4	9.9	8.5	7.4	6.1	4.9	4.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.7	10.0	8.6	7.4	6.1	4.9	4.7
-25°	15.8	10.2	8.7	7.4	6.1	4.9	4.7
-27.5°	15.6	10.4	8.7	7.4	6.1	4.9	4.7
-30°	15.0	10.6	8.8	7.4	6.1	4.9	4.7
-32.5°	14.0	10.6	8.8	7.4	6.1	4.9	4.7
-35°	13.7	10.6	8.8	7.4	6.1	5.0	4.7
-37.5°	13.7	10.6	8.8	7.4	6.1	5.0	4.7
-40°	13.5	10.5	8.8	7.3	6.0	5.0	4.7
-42.5°	13.3	10.5	8.7	7.3	6.0	5.0	4.7
-45°	12.9	10.4	8.7	7.2	6.0	5.0	4.7
-47.5°	12.4	10.3	8.6	7.2	5.9	5.0	4.7
-50°	12.1	10.2	8.5	7.1	5.9	5.0	4.7
-52.5°	11.9	10.0	8.4	7.0	5.8	5.0	4.7
-55°	11.6	9.8	8.2	6.9	5.8	5.0	4.7
-57.5°	11.3	9.6	8.1	6.8	5.7	4.9	4.7
-60°	11.0	9.3	7.9	6.7	5.7	4.9	4.7
-62.5°	10.6	9.0	7.7	6.5	5.6	4.9	4.7
-65°	10.2	8.7	7.4	6.4	5.5	4.9	4.7
-67.5°	9.7	8.4	7.2	6.2	5.5	4.9	4.7
-70°	9.3	8.0	7.0	6.1	5.4	4.9	4.7
-72.5°	8.7	7.6	6.7	5.9	5.3	4.9	4.7
-75°	8.2	7.2	6.4	5.8	5.2	4.8	4.7
-77.5°	7.6	6.8	6.2	5.7	5.2	4.8	4.7
-80°	7.0	6.5	6.0	5.5	5.1	4.8	4.7
-82.5°	6.7	6.3	5.8	5.4	5.0	4.8	4.7
-85°	6.4	6.0	5.6	5.3	4.9	4.7	4.7
-87.5°	6.1	5.8	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)