

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: P1306138 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

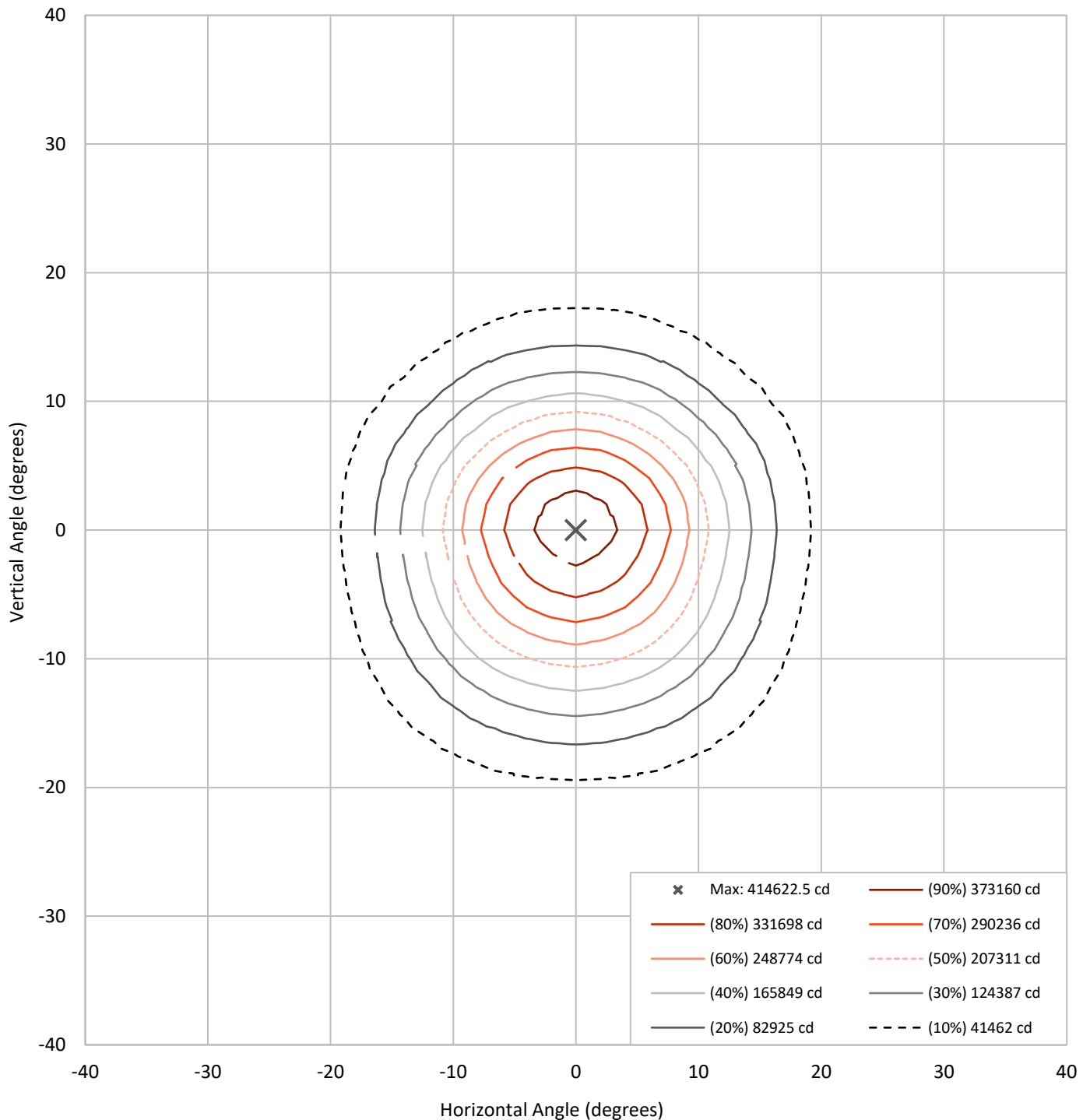
Test Method: LM-79-08  
Report Number: P1306138 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-40-70-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 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:	64184.4 lumens	Max Intensity:	414622.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.8 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:	29671.9 lumens	Field Lumens:	55352 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	569		
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





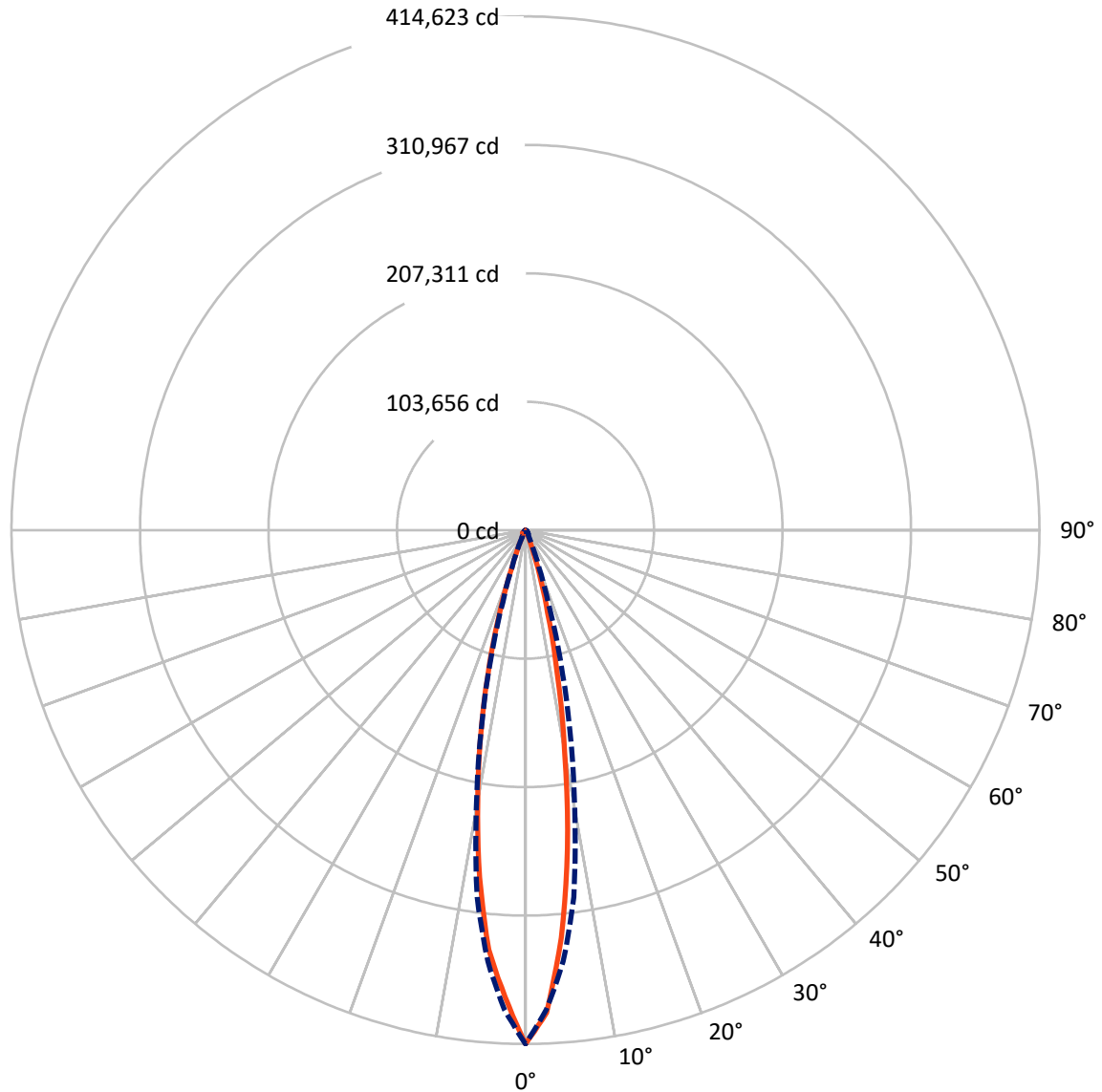
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### Lumen Table

90	0.1	0.4		0.6		0.6		0.6		0.6		0.6		0.4		0.1
80	0.1	0.4		0.6		0.6		0.6		0.6		0.6		0.4		0.1
70	0.2	0.1	0.2	0.6	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.6	0.2	0.1	0.2
60		0.1	0.3	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.1	
50	0.2	0.2	0.4	0.5	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.5	0.4	0.2	0.2
40		0.2	0.8	1.8	3.7	6.0	7.3	8.4	8.4	7.3	6.0	3.7	1.8	0.8	0.2	
30	0.2	0.4	2.6	9.0	23.8	35.0	61.3	134.8	134.8	61.3	35.0	23.8	9.0	2.6	0.4	0.2
20		0.9	6.0	23.2	54.5	106.7	663.4	2069.8	2069.8	663.4	106.7	54.5	23.2	6.0	0.9	
10	0.3	1.7	10.3	42.9	89.1	287.3	2710.9	8074.8	8074.8	2710.9	287.3	89.1	42.9	10.3	1.7	0.3
0		2.7	13.4	50.4	99.9	288.3	2873.0	8418.7	8418.7	2873.0	288.3	99.9	50.4	13.4	2.7	
-10	0.5	3.2	13.7	46.5	98.6	164.8	1057.8	3052.8	3052.8	1057.8	164.8	98.6	46.5	13.7	3.2	0.5
-20		2.9	11.6	27.8	70.1	103.2	161.1	315.3	315.3	161.1	103.2	70.1	27.8	11.6	2.9	
-30	0.4	2.5	8.5	17.4	38.8	74.2	96.1	105.6	105.6	96.1	74.2	38.8	17.4	8.5	2.5	0.4
-40		1.7	5.8	12.9	21.9	36.3	63.0	85.1	85.1	63.0	36.3	21.9	12.9	5.8	1.7	
-50	0.3	0.8	3.5	8.3	15.2	22.8	29.2	32.8	32.8	29.2	22.8	15.2	8.3	3.5	0.8	0.3
-60		0.3	1.2	3.9	8.1	13.1	18.4	21.7	21.7	18.4	13.1	8.1	3.9	1.2	0.3	
-70	0.2	0.3	1.2	3.9	8.1	13.1	18.4	21.7	21.7	18.4	13.1	8.1	3.9	1.2	0.3	0.2
-80		0.2	1.0	3.0	7.5	10.8	7.5	3.0	1.0	0.2						
-90	0.2	1.0		3.0		7.5		10.8		7.5		3.0		1.0		0.2

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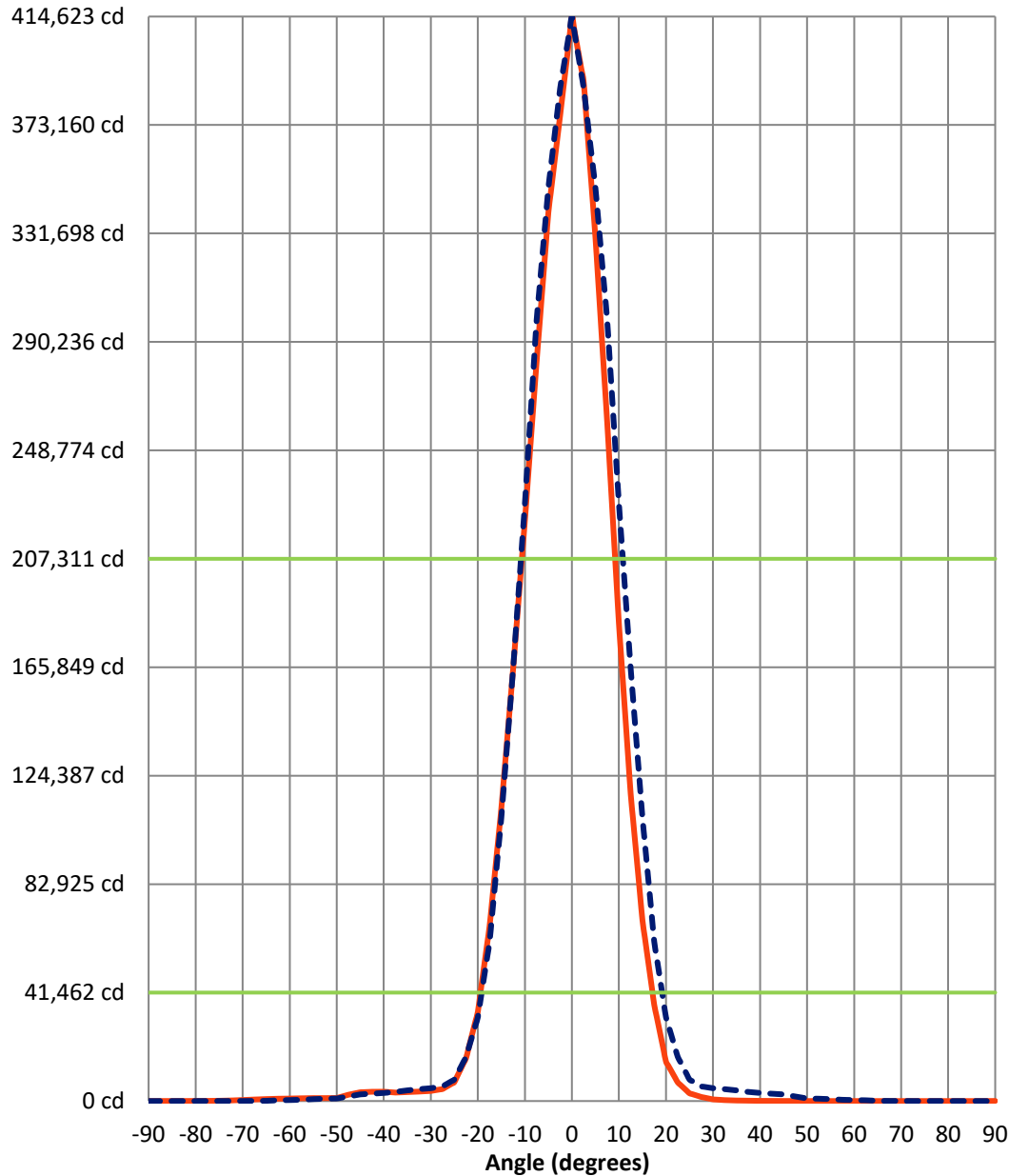
### Luminous Intensity Polar Plot



— 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: 29671.9  
 Efficiency: 46.2%

**Field:**  
 H Angle: 38.4°  
 V Angle: 36.6°  
 Lumens: 55352  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 8832.4  
 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°	6.7	6.7	6.7	7.1	7.6	8.0	8.4	8.4	8.4	8.4	8.4
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.4	6.1	5.9	5.7
85°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	6.4	6.4	6.4
82.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
70°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.8
67.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.7	6.7	7.0	6.9
65°	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.7	7.1	7.2	7.1
62.5°	6.7	6.7	6.7	6.7	6.7	6.9	6.9	7.0	7.5	7.5	7.1
60°	6.7	6.7	6.7	6.7	6.7	7.0	7.0	7.5	7.9	7.6	7.2
57.5°	6.7	6.7	6.7	6.7	6.9	7.2	7.3	7.9	8.0	7.7	7.3
55°	6.7	6.7	6.7	6.7	7.0	7.4	7.7	8.4	8.1	7.8	7.4
52.5°	6.7	6.7	6.8	6.7	7.2	7.6	8.0	8.4	8.2	7.9	7.5
50°	6.7	6.7	6.8	6.7	7.4	7.8	8.2	8.4	8.3	8.0	8.8
47.5°	6.7	6.7	6.9	6.7	7.6	7.9	8.4	8.4	8.4	8.1	10.0
45°	6.7	6.7	6.9	6.9	7.8	8.1	8.4	8.4	8.5	8.8	11.0
42.5°	6.7	6.7	7.0	7.1	8.0	8.2	8.4	8.5	8.6	9.4	12.3
40°	6.7	6.7	7.0	7.2	8.2	8.3	8.4	8.6	8.9	9.8	13.6
37.5°	6.7	6.7	7.1	7.4	8.2	8.4	8.4	8.7	9.5	10.8	14.7
35°	6.7	6.7	7.2	7.6	8.3	8.4	8.4	8.9	10.3	12.6	15.3
32.5°	6.7	6.7	7.2	7.8	8.4	8.4	8.4	9.2	11.1	14.4	16.7
30°	6.7	6.7	7.3	7.9	8.4	8.4	8.6	9.5	12.0	16.2	18.3
27.5°	6.7	6.7	7.4	8.0	8.4	8.4	8.8	10.2	13.2	18.2	20.3
25°	6.7	6.7	7.5	8.1	8.4	8.4	9.0	11.0	14.8	19.9	22.6
22.5°	6.7	6.7	7.6	8.2	8.4	8.4	9.2	11.7	16.3	21.7	27.0
20°	6.7	6.7	7.7	8.2	8.4	8.5	9.4	12.5	17.8	23.6	31.1
17.5°	6.7	6.7	7.8	8.3	8.4	8.7	9.7	13.2	19.3	25.6	34.9
15°	6.7	6.7	7.9	8.3	8.4	8.9	10.0	14.0	20.8	27.6	38.5
12.5°	6.7	6.7	8.0	8.4	8.4	9.0	10.3	14.6	22.2	29.7	41.9
10°	6.7	6.7	8.1	8.4	8.4	9.2	10.6	15.1	23.6	33.0	46.9
7.5°	6.7	6.7	8.2	8.4	8.4	9.4	10.9	15.6	25.0	36.5	56.5
5°	6.7	6.7	8.2	8.4	8.4	9.6	11.2	16.1	26.3	40.1	66.3
2.5°	6.7	6.7	8.3	8.4	8.4	9.8	11.5	16.4	27.4	43.5	76.0
0°	6.7	6.7	8.4	8.4	8.4	10.0	11.7	16.7	28.4	46.8	85.3
-2.5°	6.7	6.7	8.4	8.5	8.5	10.4	13.0	20.6	36.8	61.1	110.2
-5°	6.7	6.8	8.4	8.6	8.7	10.7	14.3	24.3	44.8	74.9	133.6
-7.5°	6.7	6.8	8.4	8.7	8.8	11.0	15.5	27.8	52.2	87.6	155.1
-10°	6.7	6.8	8.4	8.8	9.0	11.3	16.5	30.8	58.8	99.2	174.0
-12.5°	6.7	6.9	8.3	8.9	9.1	11.6	17.5	33.4	64.5	109.2	185.2
-15°	6.7	6.9	8.3	9.0	9.2	11.8	18.2	35.4	69.5	117.1	191.9
-17.5°	6.7	6.9	8.3	9.0	9.4	11.9	18.7	37.7	74.2	123.5	196.4
-20°	6.7	7.0	8.3	9.1	9.5	12.0	19.3	39.9	77.6	128.4	198.6



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.7	7.0	8.2	9.1	9.6	12.0	20.0	41.0	79.8	131.8	198.5
-25°	6.7	7.0	8.2	9.1	9.8	12.2	20.3	40.9	80.5	133.4	196.0
-27.5°	6.7	7.0	8.2	9.1	9.9	12.3	20.1	39.6	79.7	133.6	196.9
-30°	6.7	7.1	8.2	9.1	10.0	12.4	19.5	37.0	78.1	132.4	195.9
-32.5°	6.7	7.1	8.2	9.1	10.2	12.4	18.3	35.7	75.1	129.1	192.5
-35°	6.7	7.1	8.1	9.0	10.4	12.3	17.9	34.3	70.2	123.8	186.9
-37.5°	6.7	7.1	8.1	9.0	10.5	12.2	17.7	32.2	63.4	116.4	172.5
-40°	6.7	7.1	8.1	8.9	10.5	12.3	17.3	29.4	54.5	106.9	156.7
-42.5°	6.7	7.1	8.1	8.8	10.5	12.4	16.8	25.7	48.4	92.2	139.4
-45°	6.7	7.1	8.1	8.6	10.4	12.3	16.2	22.9	43.3	76.2	120.9
-47.5°	6.7	7.1	8.1	8.5	10.2	12.2	15.4	21.9	37.2	59.7	102.2
-50°	6.7	7.1	8.1	8.5	10.0	12.0	15.0	20.7	29.5	50.9	82.8
-52.5°	6.7	7.1	8.1	8.5	9.8	11.8	14.6	19.3	25.7	41.3	63.6
-55°	6.7	7.1	8.1	8.5	9.5	11.4	14.0	17.8	23.6	31.1	51.8
-57.5°	6.7	7.1	8.2	8.5	9.3	11.0	13.4	16.9	21.4	26.8	39.2
-60°	6.7	7.1	8.2	8.5	9.0	10.6	12.7	15.8	19.3	24.2	29.3
-62.5°	6.7	7.0	8.1	8.5	8.9	10.2	12.1	14.7	18.0	21.6	26.3
-65°	6.7	7.0	8.0	8.5	8.8	9.7	11.4	13.6	16.6	19.8	23.3
-67.5°	6.7	7.0	7.9	8.4	8.8	9.3	10.7	12.8	15.2	18.2	21.2
-70°	6.7	7.0	7.8	8.4	8.7	9.2	10.0	12.0	14.3	16.6	19.4
-72.5°	6.7	6.9	7.7	8.3	8.5	8.9	9.6	11.1	13.3	15.5	17.6
-75°	6.7	6.9	7.5	8.1	8.4	8.7	9.2	10.6	12.3	14.4	16.4
-77.5°	6.7	6.9	7.4	7.9	8.3	8.5	8.8	10.1	11.6	13.3	15.2
-80°	6.7	6.8	7.3	7.8	8.1	8.3	8.4	9.5	10.8	12.3	13.9
-82.5°	6.7	6.8	7.1	7.6	8.0	8.2	8.4	9.1	10.1	11.2	12.5
-85°	6.7	6.8	7.0	7.5	7.8	8.2	8.4	8.9	9.5	10.3	11.2
-87.5°	6.7	6.7	6.8	7.3	7.7	8.1	8.4	8.6	9.0	9.3	9.8
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.3	5.9	5.4	5.0



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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°	8.4	8.4	8.4	8.4	8.8	9.2	9.6	10.0	10.4	10.9	11.3
87.5°	5.6	5.4	5.2	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7
85°	6.2	5.9	5.4	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7
82.5°	6.3	5.9	5.5	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.8
80°	6.3	5.9	5.5	5.1	5.0	5.0	5.0	5.0	4.6	4.3	4.1
77.5°	6.4	6.0	5.5	5.1	5.0	5.3	5.6	5.9	5.8	5.7	5.5
75°	6.4	6.0	5.8	5.8	6.1	6.4	6.7	6.7	6.4	6.0	5.6
72.5°	6.5	6.3	6.4	6.7	6.7	6.7	6.7	6.7	7.5	8.6	9.5
70°	6.6	6.7	6.7	6.7	6.7	7.1	8.8	11.2	13.5	15.4	17.6
67.5°	6.7	6.7	6.7	6.9	8.0	10.0	12.6	19.3	26.9	29.3	29.2
65°	6.7	6.7	7.1	8.2	9.8	15.0	22.3	31.3	38.0	37.0	34.6
62.5°	6.7	6.9	7.8	10.3	15.0	21.7	28.8	35.2	41.7	40.6	35.3
60°	6.8	7.1	9.9	14.6	19.8	25.1	31.8	36.1	40.3	41.4	32.7
57.5°	6.9	8.7	13.3	18.3	23.0	26.9	29.4	33.1	35.5	36.0	27.0
55°	7.8	11.3	16.3	21.2	24.5	23.5	25.3	27.6	28.6	26.4	19.1
52.5°	10.0	13.9	18.9	23.0	23.4	21.5	21.1	22.1	20.5	17.4	15.1
50°	11.8	16.3	21.1	23.4	22.9	20.5	17.5	17.1	16.5	15.3	13.9
47.5°	13.7	18.5	22.7	24.2	22.5	20.4	16.9	16.4	16.5	17.5	16.5
45°	15.5	19.8	24.1	24.4	23.2	21.5	20.0	18.3	21.5	22.6	22.5
42.5°	17.1	20.7	24.5	24.9	25.5	25.2	24.7	26.5	28.4	30.2	30.8
40°	17.6	21.3	25.8	29.1	29.1	30.4	33.9	37.0	37.1	39.4	40.8
37.5°	17.9	23.3	29.5	36.9	34.7	38.8	44.5	53.2	54.5	49.5	56.5
35°	17.8	26.3	39.4	48.0	46.8	49.7	63.4	76.1	82.0	73.7	85.0
32.5°	19.6	30.0	52.2	61.3	69.8	73.0	86.2	111.5	125.7	131.0	140.5
30°	23.8	41.8	66.8	76.7	100.5	116.4	127.4	157.7	183.6	262.1	320.3
27.5°	29.1	56.2	81.4	104.1	139.2	166.5	190.4	221.5	316.5	459.4	607.9
25°	34.1	75.5	97.4	139.6	187.3	224.2	256.9	301.0	500.0	792.9	918.0
22.5°	44.4	97.6	122.8	179.6	239.7	283.5	331.0	450.1	719.0	1159.1	1210.7
20°	61.3	119.0	157.5	224.5	297.9	342.9	405.8	606.7	966.9	1303.2	1442.7
17.5°	79.3	142.3	195.7	277.4	366.4	417.4	491.0	757.6	1180.5	1479.9	1666.9
15°	98.2	167.1	232.3	335.5	439.0	509.3	661.4	964.7	1349.2	1686.9	1959.5
12.5°	117.3	192.9	267.3	397.0	514.9	600.0	867.9	1280.6	1631.9	1948.1	2318.3
10°	136.2	219.0	300.4	460.2	592.9	689.1	1095.4	1601.7	1946.6	2255.9	2635.4
7.5°	174.0	254.2	335.2	523.3	671.4	775.9	1333.1	1920.8	2235.3	2525.6	2897.9
5°	215.3	297.5	388.9	598.4	749.9	855.9	1549.7	2229.3	2501.5	2763.2	3126.9
2.5°	255.5	338.9	440.8	670.5	825.0	925.3	1660.6	2398.7	2670.7	2945.4	3324.6
0°	292.8	378.1	490.2	736.1	895.0	990.4	1741.5	2541.2	2812.2	3098.2	3498.1
-2.5°	323.9	418.0	542.3	767.3	914.4	1007.0	1714.9	2539.8	2864.9	3182.7	3596.4
-5°	349.8	455.3	590.4	793.0	930.1	1020.6	1662.2	2499.6	2908.5	3250.3	3670.6
-7.5°	370.2	489.7	633.6	813.2	939.7	1027.4	1639.1	2516.3	2986.3	3309.6	3719.0
-10°	381.3	503.4	636.8	812.3	941.4	1029.0	1587.9	2481.9	3050.8	3362.4	3739.6
-12.5°	366.5	497.7	628.5	803.9	941.9	1028.4	1489.4	2390.7	3103.6	3412.8	3720.8
-15°	350.0	489.1	615.0	787.5	942.0	1025.9	1338.8	2238.9	3073.6	3322.8	3642.8
-17.5°	332.7	477.6	596.1	762.4	942.4	1021.8	1124.9	1913.3	2773.7	3132.2	3517.0
-20°	315.6	463.2	571.5	728.4	937.4	994.4	1042.3	1582.6	2336.6	2890.0	3278.8



REPORT NUMBER: P1306138 (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°	299.2	445.8	546.5	695.9	864.8	947.2	992.7	1262.4	1886.4	2595.6	2923.0
-25°	290.2	420.2	524.7	646.2	788.9	898.1	937.2	993.2	1488.8	2130.2	2598.3
-27.5°	285.7	397.9	495.7	596.8	718.7	839.1	881.4	930.1	1182.4	1674.7	2257.2
-30°	278.2	369.4	465.0	551.7	660.5	763.5	825.4	881.1	949.6	1319.5	1780.2
-32.5°	261.4	339.8	431.7	516.2	606.5	697.7	784.7	845.5	901.4	1001.6	1366.0
-35°	241.8	314.7	396.9	479.4	555.7	644.6	735.1	814.6	859.8	906.5	1067.1
-37.5°	225.5	288.2	361.6	441.1	514.6	595.2	683.0	767.0	829.6	872.2	933.1
-40°	208.0	260.2	329.6	402.1	474.0	546.8	627.5	709.2	787.2	852.4	901.6
-42.5°	189.1	239.4	297.7	362.6	431.5	500.0	570.5	648.1	730.1	815.1	878.8
-45°	168.4	217.4	266.0	326.7	387.7	451.5	517.0	585.6	668.6	750.0	830.7
-47.5°	146.2	193.7	240.7	290.3	346.5	403.4	462.0	531.9	604.9	681.7	757.5
-50°	123.1	167.4	214.5	259.7	307.6	357.9	410.1	479.0	548.6	615.1	683.0
-52.5°	100.9	139.5	184.6	230.4	272.8	317.0	367.1	427.5	492.7	557.0	617.6
-55°	77.9	113.6	152.4	196.6	240.2	279.8	326.9	380.6	435.5	496.6	555.3
-57.5°	60.1	87.4	121.4	159.1	201.4	244.9	289.8	335.0	385.1	436.9	487.5
-60°	44.8	64.7	90.7	123.2	158.3	200.8	249.9	294.7	337.3	379.6	425.8
-62.5°	31.1	46.7	65.1	87.7	118.2	153.0	195.1	241.6	291.1	328.6	365.5
-65°	27.7	32.0	44.7	61.6	78.6	107.5	140.9	177.5	219.5	257.8	297.8
-67.5°	24.2	28.1	32.2	38.8	53.9	70.0	87.0	116.7	148.6	176.0	204.6
-70°	21.9	24.3	27.6	31.4	35.1	41.6	55.6	70.5	85.3	101.3	124.2
-72.5°	19.8	22.0	24.1	26.2	29.4	32.6	35.7	38.8	47.2	58.9	69.5
-75°	18.0	19.6	21.6	23.5	25.2	27.0	29.2	32.0	34.6	37.3	40.3
-77.5°	16.3	17.4	18.8	20.5	21.9	23.0	24.4	26.0	27.7	29.3	30.9
-80°	14.6	15.1	15.9	17.0	18.1	19.1	20.0	20.8	21.7	23.0	24.3
-82.5°	13.0	13.4	13.8	14.1	14.8	15.5	16.4	17.3	17.8	18.4	19.1
-85°	11.4	11.7	12.0	12.2	12.5	12.9	13.3	13.8	14.1	14.4	14.6
-87.5°	9.9	10.0	10.2	10.3	10.6	10.8	11.0	11.2	11.4	11.5	11.6
-90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.7	11.7	11.7	11.7	11.7	14.2	16.7	19.2	21.7	25.5	29.2
87.5°	3.3	3.2	3.2	3.2	3.2	2.8	2.5	2.1	1.7	1.3	0.9
85°	3.3	3.3	3.3	3.3	3.3	2.9	2.5	2.1	1.7	1.7	1.7
82.5°	3.3	3.3	3.3	3.3	3.3	2.9	2.5	2.1	1.7	1.7	1.7
80°	3.8	3.8	3.7	3.6	3.3	2.9	2.5	2.1	1.7	1.7	1.7
77.5°	5.1	4.7	4.3	3.8	3.4	3.2	3.1	3.0	3.0	2.8	2.5
75°	5.2	5.0	5.1	4.9	4.3	4.0	3.9	3.7	3.4	3.3	3.2
72.5°	10.1	10.1	9.5	8.9	8.0	7.5	7.3	6.8	6.2	5.8	5.6
70°	18.4	18.0	17.3	15.9	13.6	11.7	10.6	9.5	8.4	8.0	8.1
67.5°	26.6	23.9	21.7	19.1	15.8	13.4	12.1	10.7	9.1	8.4	8.4
65°	30.9	25.2	21.5	18.6	16.5	14.2	12.0	10.0	8.1	7.3	7.5
62.5°	29.2	21.8	17.3	14.6	12.7	11.4	9.7	8.3	7.2	6.7	6.8
60°	24.3	16.3	12.3	10.9	9.7	8.5	7.9	7.2	6.3	5.6	5.8
57.5°	18.9	13.0	9.9	9.5	9.0	8.6	7.9	7.1	6.5	6.1	6.4
55°	14.1	11.6	10.1	10.2	10.0	9.2	8.3	8.2	8.0	7.8	8.0
52.5°	12.3	12.3	12.7	12.6	11.4	10.5	9.9	9.9	10.1	10.4	10.8
50°	14.0	14.5	14.3	13.1	12.8	12.4	11.7	12.4	13.4	13.8	14.1
47.5°	16.7	17.0	17.2	16.1	16.3	17.5	17.8	18.3	20.2	21.6	22.9
45°	21.5	23.3	23.7	24.4	24.9	27.4	28.7	29.3	34.6	37.0	37.3
42.5°	30.9	33.8	36.1	39.7	39.2	45.5	53.5	57.9	57.5	55.9	55.8
40°	45.2	50.2	61.3	67.1	73.6	80.8	81.6	72.7	72.8	81.8	81.3
37.5°	69.8	86.9	102.5	116.3	119.8	115.6	117.2	123.9	132.0	132.8	136.7
35°	117.7	152.4	160.4	171.0	182.7	171.7	170.3	181.2	177.5	196.3	209.8
32.5°	203.5	252.6	267.6	280.5	313.0	294.2	242.2	317.8	300.9	321.9	353.9
30°	323.6	420.5	485.6	505.0	513.2	515.4	564.3	607.6	641.9	687.6	752.4
27.5°	612.9	677.2	785.4	846.1	769.7	801.2	926.6	949.3	1078.5	1218.9	1334.1
25°	932.1	1004.2	1196.8	1221.0	1157.1	1274.5	1395.7	1420.8	1648.6	1814.0	2209.8
22.5°	1220.6	1341.4	1547.5	1606.0	1659.2	1798.6	1939.5	2107.5	2620.7	3257.0	4411.8
20°	1464.8	1599.5	1801.0	1963.7	2096.6	2274.4	2438.6	3012.1	4117.5	6535.1	9164.7
17.5°	1760.4	1843.9	2092.9	2310.5	2518.7	2773.5	3498.9	4947.6	8147.6	13415.3	18408.0
15°	2158.7	2324.6	2479.1	2714.6	3103.4	3844.8	5445.3	10164.3	16858.8	26047.0	37427.8
12.5°	2617.9	2846.8	3061.1	3260.8	3818.6	5567.3	10674.3	18857.6	30111.2	44871.1	67206.8
10°	3028.1	3377.7	3640.8	3989.3	5069.6	8470.4	16354.1	27923.0	47697.7	73777.2	102925.4
7.5°	3312.7	3728.3	4083.1	4601.2	6362.8	12124.1	23037.9	41054.1	69163.2	104303.7	143623.9
5°	3583.7	4052.1	4400.5	5037.8	7217.9	14662.3	28104.0	51999.4	90173.1	136606.2	187089.4
2.5°	3839.6	4338.1	4680.6	5428.9	7757.8	15819.1	30226.0	58803.7	103763.1	158763.3	218719.9
0°	4076.9	4548.6	4906.6	5612.6	8214.0	16929.9	32031.2	60997.7	108354.4	165286.9	228348.9
-2.5°	4032.6	4383.2	4779.6	5487.3	7780.0	15738.9	29927.4	58420.8	102964.1	157499.4	215505.7
-5°	4017.1	4301.5	4659.3	5300.8	7243.9	13599.6	26580.1	52602.7	94132.2	143279.3	197307.0
-7.5°	4029.0	4254.7	4534.5	5065.0	6596.6	11498.2	23110.2	45600.0	79902.3	121513.8	170303.0
-10°	4054.2	4228.9	4512.5	4979.2	6051.3	9190.3	17489.6	35132.8	62823.6	95920.3	133937.0
-12.5°	4098.0	4333.3	4617.9	4935.1	5503.2	7320.1	13755.1	27272.6	46449.8	69701.7	98629.1
-15°	4082.9	4386.3	4707.9	4903.7	5213.1	6224.4	8922.2	18007.8	32139.3	47560.5	65067.0
-17.5°	3973.0	4336.2	4477.5	4629.5	4817.7	5315.8	6821.6	10860.7	18907.8	29040.3	38889.7
-20°	3717.7	3901.5	4078.2	4259.5	4467.9	4742.9	5211.2	6784.6	9141.0	14890.7	19697.3



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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°	3238.4	3415.3	3568.5	3862.6	4073.0	4275.0	4532.9	4873.4	5779.7	7203.3	9569.4
-25°	2827.3	2936.4	3151.8	3495.2	3721.3	3842.2	4004.0	4133.2	4443.9	4774.5	5591.8
-27.5°	2498.8	2662.2	2927.7	3228.4	3445.2	3542.5	3627.5	3703.4	3898.5	4033.7	4265.8
-30°	2238.9	2503.4	2752.2	3027.4	3226.7	3342.3	3378.6	3488.1	3615.3	3711.8	3805.9
-32.5°	1866.0	2331.4	2557.7	2785.6	3010.7	3153.1	3250.7	3337.0	3456.3	3530.4	3567.4
-35°	1464.5	1940.9	2386.4	2539.3	2703.0	2907.5	3074.0	3161.8	3240.3	3311.7	3356.8
-37.5°	1105.2	1495.5	1910.2	2283.2	2458.4	2611.4	2853.5	3000.1	3071.3	3177.8	3238.4
-40°	958.5	1069.2	1423.1	1772.4	2086.7	2435.2	2670.7	2896.6	3120.1	3257.0	3345.9
-42.5°	925.7	970.8	1012.8	1257.7	1571.9	1887.7	2234.8	2618.1	2938.7	3180.1	3404.4
-45°	899.1	933.5	967.3	1005.6	1042.5	1284.0	1555.4	1841.1	2209.9	2567.0	2875.4
-47.5°	830.6	895.6	933.7	962.6	992.6	1026.1	1056.8	1121.7	1369.6	1633.4	1883.8
-50°	752.6	817.2	875.0	928.5	967.2	993.1	1012.5	1037.9	1067.5	1093.8	1118.0
-52.5°	676.0	738.5	797.3	855.5	910.0	960.2	1006.6	1035.8	1058.3	1078.0	1090.2
-55°	611.5	665.5	718.1	775.6	831.7	885.1	935.5	980.7	1023.3	1063.1	1085.9
-57.5°	541.0	594.2	646.9	699.9	751.1	800.1	848.7	896.1	941.1	982.1	1007.0
-60°	471.3	515.9	568.3	622.8	673.8	721.2	769.6	815.5	858.0	894.1	916.4
-62.5°	405.7	447.4	490.9	539.4	591.8	642.9	686.0	729.4	772.8	810.2	835.7
-65°	336.3	371.2	406.5	444.4	484.5	526.5	569.5	611.9	653.2	687.0	711.2
-67.5°	238.0	272.6	306.3	340.1	370.9	401.8	434.8	468.1	501.2	528.4	549.8
-70°	146.7	168.4	188.8	210.7	236.4	263.3	290.8	316.5	340.3	357.9	370.9
-72.5°	79.2	87.9	98.4	114.8	130.0	146.1	162.8	178.7	193.7	204.8	213.1
-75°	43.4	47.3	54.1	60.5	66.6	73.6	80.9	87.7	94.1	100.3	106.1
-77.5°	32.8	34.8	36.6	38.2	39.6	42.1	44.9	47.8	50.6	54.4	58.4
-80°	25.6	26.6	27.6	28.6	29.6	31.4	33.2	35.0	36.8	38.6	40.3
-82.5°	19.7	20.2	20.7	21.1	21.5	22.7	23.8	25.0	26.1	27.9	29.7
-85°	14.9	15.3	15.6	15.9	16.1	17.0	17.9	18.8	19.7	21.1	22.4
-87.5°	11.7	12.1	12.4	12.8	13.2	13.8	14.4	14.9	15.3	16.6	17.8
-90°	3.3	2.9	2.5	2.1	1.7	1.7	1.7	1.7	1.7	1.3	0.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	33.0	36.8	39.3	41.8	39.3	36.8	33.0	29.2	25.5	21.7	19.2
87.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.1
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
77.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.0	3.0
75°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.4	3.7
72.5°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.6	5.8	6.2	6.8
70°	8.2	8.3	8.4	8.4	8.4	8.3	8.2	8.1	8.0	8.4	9.5
67.5°	8.4	8.4	7.6	6.7	7.6	8.4	8.4	8.4	8.4	9.1	10.7
65°	7.9	8.3	7.6	6.7	7.6	8.3	7.9	7.5	7.3	8.1	10.0
62.5°	6.8	6.8	6.7	6.7	6.7	6.8	6.8	6.8	6.7	7.2	8.3
60°	6.2	6.6	6.7	6.7	6.7	6.6	6.2	5.8	5.6	6.3	7.2
57.5°	6.6	6.7	7.4	8.4	7.4	6.7	6.6	6.4	6.1	6.5	7.1
55°	8.2	8.3	8.4	8.4	8.4	8.3	8.2	8.0	7.8	8.0	8.2
52.5°	11.2	11.5	11.6	11.7	11.6	11.5	11.2	10.8	10.4	10.1	9.9
50°	14.5	14.9	14.5	13.4	14.5	14.9	14.5	14.1	13.8	13.4	12.4
47.5°	24.0	24.6	24.4	23.4	24.4	24.6	24.0	22.9	21.6	20.2	18.3
45°	38.3	38.3	38.2	38.5	38.2	38.3	38.3	37.3	37.0	34.6	29.3
42.5°	57.3	57.9	58.1	58.6	58.1	57.9	57.3	55.8	55.9	57.5	57.9
40°	82.8	83.2	82.2	80.3	82.2	83.2	82.8	81.3	81.8	72.8	72.7
37.5°	143.8	147.0	146.2	143.9	146.2	147.0	143.8	136.7	132.8	132.0	123.9
35°	214.6	212.7	207.0	207.4	207.0	212.7	214.6	209.8	196.3	177.5	181.2
32.5°	335.3	347.3	351.0	353.0	351.0	347.3	335.3	353.9	321.9	300.9	317.8
30°	798.1	774.0	666.9	634.0	666.9	774.0	798.1	752.4	687.6	641.9	607.6
27.5°	1417.8	1494.2	1564.2	1570.9	1564.2	1494.2	1417.8	1334.1	1218.9	1078.5	949.3
25°	2618.4	2875.7	2984.1	2969.4	2984.1	2875.7	2618.4	2209.8	1814.0	1648.6	1420.8
22.5°	5777.2	6655.0	7112.5	7128.3	7112.5	6655.0	5777.2	4411.8	3257.0	2620.7	2107.5
20°	12605.7	14724.4	15259.4	15099.7	15259.4	14724.4	12605.7	9164.7	6535.1	4117.5	3012.1
17.5°	25991.6	32259.1	36538.0	36832.5	36538.0	32259.1	25991.6	18408.0	13415.3	8147.6	4947.6
15°	50587.5	62108.4	68082.8	69097.9	68082.8	62108.4	50587.5	37427.8	26047.0	16858.8	10164.3
12.5°	88372.4	105908.2	115664.9	117334.6	115664.9	105908.2	88372.4	67206.8	44871.1	30111.2	18857.6
10°	134795.9	159253.9	175157.1	182335.5	175157.1	159253.9	134795.9	102925.4	73777.2	47697.7	27923.0
7.5°	182430.0	220961.9	252429.3	259563.8	252429.3	220961.9	182430.0	143623.9	104303.7	69163.2	41054.1
5°	241359.9	293024.9	323243.7	330222.5	323243.7	293024.9	241359.9	187089.4	136606.2	90173.1	51999.4
2.5°	285059.6	340608.3	372280.9	389686.1	372280.9	340608.3	285059.6	218719.9	158763.3	103763.1	58803.7
0°	298621.2	349166.5	387243.7	414622.5	387243.7	349166.5	298621.2	228348.9	165286.9	108354.4	60997.7
-2.5°	280265.2	333859.2	361488.2	376880.8	361488.2	333859.2	280265.2	215505.7	157499.4	102964.1	58420.8
-5°	251062.8	300327.6	330459.0	339748.0	330459.0	300327.6	251062.8	197307.0	143279.3	94132.2	52602.7
-7.5°	212803.7	248780.5	271346.0	282724.3	271346.0	248780.5	212803.7	170303.0	121513.8	79902.3	45600.0
-10°	171391.6	198696.2	215527.8	221822.9	215527.8	198696.2	171391.6	133937.0	95920.3	62823.6	35132.8
-12.5°	125533.5	147281.1	160212.1	165200.7	160212.1	147281.1	125533.5	98629.1	69701.7	46449.8	27272.6
-15°	82857.9	98534.8	108481.3	111954.5	108481.3	98534.8	82857.9	65067.0	47560.5	32139.3	18007.8
-17.5°	50220.0	58873.7	65312.4	66936.5	65312.4	58873.7	50220.0	38889.7	29040.3	18907.8	10860.7
-20°	26575.6	30469.7	32644.5	34115.7	32644.5	30469.7	26575.6	19697.3	14890.7	9141.0	6784.6



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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°	12598.9	14719.6	15697.0	16443.0	15697.0	14719.6	12598.9	9569.4	7203.3	5779.7	4873.4
-25°	6305.2	6743.9	6934.9	7201.9	6934.9	6743.9	6305.2	5591.8	4774.5	4443.9	4133.2
-27.5°	4422.6	4525.5	4566.1	4598.8	4566.1	4525.5	4422.6	4265.8	4033.7	3898.5	3703.4
-30°	3854.1	3871.0	3868.5	3866.1	3868.5	3871.0	3854.1	3805.9	3711.8	3615.3	3488.1
-32.5°	3607.5	3625.5	3624.2	3621.9	3624.2	3625.5	3607.5	3567.4	3530.4	3456.3	3337.0
-35°	3385.8	3409.2	3420.8	3426.1	3420.8	3409.2	3385.8	3356.8	3311.7	3240.3	3161.8
-37.5°	3272.2	3277.3	3264.0	3248.8	3264.0	3277.3	3272.2	3238.4	3177.8	3071.3	3000.1
-40°	3389.5	3469.1	3548.9	3573.3	3548.9	3469.1	3389.5	3345.9	3257.0	3120.1	2896.6
-42.5°	3478.2	3529.3	3552.4	3544.9	3552.4	3529.3	3478.2	3404.4	3180.1	2938.7	2618.1
-45°	3079.1	3237.4	3331.2	3354.2	3331.2	3237.4	3079.1	2875.4	2567.0	2209.9	1841.1
-47.5°	2093.9	2271.3	2383.0	2419.0	2383.0	2271.3	2093.9	1883.8	1633.4	1369.6	1121.7
-50°	1141.4	1163.8	1171.1	1164.3	1171.1	1163.8	1141.4	1118.0	1093.8	1067.5	1037.9
-52.5°	1102.3	1115.5	1124.1	1129.2	1124.1	1115.5	1102.3	1090.2	1078.0	1058.3	1035.8
-55°	1105.3	1122.3	1131.7	1135.9	1131.7	1122.3	1105.3	1085.9	1063.1	1023.3	980.7
-57.5°	1029.0	1048.1	1057.3	1060.6	1057.3	1048.1	1029.0	1007.0	982.1	941.1	896.1
-60°	936.5	954.7	961.7	963.6	961.7	954.7	936.5	916.4	894.1	858.0	815.5
-62.5°	859.4	880.8	889.9	893.3	889.9	880.8	859.4	835.7	810.2	772.8	729.4
-65°	732.6	750.9	757.1	757.8	757.1	750.9	732.6	711.2	687.0	653.2	611.9
-67.5°	569.0	585.5	591.3	592.2	591.3	585.5	569.0	549.8	528.4	501.2	468.1
-70°	381.4	389.3	392.7	393.1	392.7	389.3	381.4	370.9	357.9	340.3	316.5
-72.5°	219.6	224.4	225.9	225.8	225.9	224.4	219.6	213.1	204.8	193.7	178.7
-75°	111.2	115.7	116.8	117.1	116.8	115.7	111.2	106.1	100.3	94.1	87.7
-77.5°	62.4	66.3	66.8	66.9	66.8	66.3	62.4	58.4	54.4	50.6	47.8
-80°	41.8	43.3	43.5	43.5	43.5	43.3	41.8	40.3	38.6	36.8	35.0
-82.5°	31.6	33.4	33.5	33.5	33.5	33.4	31.6	29.7	27.9	26.1	25.0
-85°	23.8	25.1	25.9	26.8	25.9	25.1	23.8	22.4	21.1	19.7	18.8
-87.5°	19.0	20.2	20.9	21.7	20.9	20.2	19.0	17.8	16.6	15.3	14.9
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.7	14.2	11.7	11.7	11.7	11.7	11.7	11.3	10.9	10.4	10.0
87.5°	2.5	2.8	3.2	3.2	3.2	3.2	3.3	3.7	4.2	4.6	5.0
85°	2.5	2.9	3.3	3.3	3.3	3.3	3.3	3.7	4.2	4.6	5.0
82.5°	2.5	2.9	3.3	3.3	3.3	3.3	3.3	3.8	4.2	4.6	5.0
80°	2.5	2.9	3.3	3.6	3.7	3.8	3.8	4.1	4.3	4.6	5.0
77.5°	3.1	3.2	3.4	3.8	4.3	4.7	5.1	5.5	5.7	5.8	5.9
75°	3.9	4.0	4.3	4.9	5.1	5.0	5.2	5.6	6.0	6.4	6.7
72.5°	7.3	7.5	8.0	8.9	9.5	10.1	10.1	9.5	8.6	7.5	6.7
70°	10.6	11.7	13.6	15.9	17.3	18.0	18.4	17.6	15.4	13.5	11.2
67.5°	12.1	13.4	15.8	19.1	21.7	23.9	26.6	29.2	29.3	26.9	19.3
65°	12.0	14.2	16.5	18.6	21.5	25.2	30.9	34.6	37.0	38.0	31.3
62.5°	9.7	11.4	12.7	14.6	17.3	21.8	29.2	35.3	40.6	41.7	35.2
60°	7.9	8.5	9.7	10.9	12.3	16.3	24.3	32.7	41.4	40.3	36.1
57.5°	7.9	8.6	9.0	9.5	9.9	13.0	18.9	27.0	36.0	35.5	33.1
55°	8.3	9.2	10.0	10.2	10.1	11.6	14.1	19.1	26.4	28.6	27.6
52.5°	9.9	10.5	11.4	12.6	12.7	12.3	12.3	15.1	17.4	20.5	22.1
50°	11.7	12.4	12.8	13.1	14.3	14.5	14.0	13.9	15.3	16.5	17.1
47.5°	17.8	17.5	16.3	16.1	17.2	17.0	16.7	16.5	17.5	16.5	16.4
45°	28.7	27.4	24.9	24.4	23.7	23.3	21.5	22.5	22.6	21.5	18.3
42.5°	53.5	45.5	39.2	39.7	36.1	33.8	30.9	30.8	30.2	28.4	26.5
40°	81.6	80.8	73.6	67.1	61.3	50.2	45.2	40.8	39.4	37.1	37.0
37.5°	117.2	115.6	119.8	116.3	102.5	86.9	69.8	56.5	49.5	54.5	53.2
35°	170.3	171.7	182.7	171.0	160.4	152.4	117.7	85.0	73.7	82.0	76.1
32.5°	242.2	294.2	313.0	280.5	267.6	252.6	203.5	140.5	131.0	125.7	111.5
30°	564.3	515.4	513.2	505.0	485.6	420.5	323.6	320.3	262.1	183.6	157.7
27.5°	926.6	801.2	769.7	846.1	785.4	677.2	612.9	607.9	459.4	316.5	221.5
25°	1395.7	1274.5	1157.1	1221.0	1196.8	1004.2	932.1	918.0	792.9	500.0	301.0
22.5°	1939.5	1798.6	1659.2	1606.0	1547.5	1341.4	1220.6	1210.7	1159.1	719.0	450.1
20°	2438.6	2274.4	2096.6	1963.7	1801.0	1599.5	1464.8	1442.7	1303.2	966.9	606.7
17.5°	3498.9	2773.5	2518.7	2310.5	2092.9	1843.9	1760.4	1666.9	1479.9	1180.5	757.6
15°	5445.3	3844.8	3103.4	2714.6	2479.1	2324.6	2158.7	1959.5	1686.9	1349.2	964.7
12.5°	10674.3	5567.3	3818.6	3260.8	3061.1	2846.8	2617.9	2318.3	1948.1	1631.9	1280.6
10°	16354.1	8470.4	5069.6	3989.3	3640.8	3377.7	3028.1	2635.4	2255.9	1946.6	1601.7
7.5°	23037.9	12124.1	6362.8	4601.2	4083.1	3728.3	3312.7	2897.9	2525.6	2235.3	1920.8
5°	28104.0	14662.3	7217.9	5037.8	4400.5	4052.1	3583.7	3126.9	2763.2	2501.5	2229.3
2.5°	30226.0	15819.1	7757.8	5428.9	4680.6	4338.1	3839.6	3324.6	2945.4	2670.7	2398.7
0°	32031.2	16929.9	8214.0	5612.6	4906.6	4548.6	4076.9	3498.1	3098.2	2812.2	2541.2
-2.5°	29927.4	15738.9	7780.0	5487.3	4779.6	4383.2	4032.6	3596.4	3182.7	2864.9	2539.8
-5°	26580.1	13599.6	7243.9	5300.8	4659.3	4301.5	4017.1	3670.6	3250.3	2908.5	2499.6
-7.5°	23110.2	11498.2	6596.6	5065.0	4534.5	4254.7	4029.0	3719.0	3309.6	2986.3	2516.3
-10°	17489.6	9190.3	6051.3	4979.2	4512.5	4228.9	4054.2	3739.6	3362.4	3050.8	2481.9
-12.5°	13755.1	7320.1	5503.2	4935.1	4617.9	4333.3	4098.0	3720.8	3412.8	3103.6	2390.7
-15°	8922.2	6224.4	5213.1	4903.7	4707.9	4386.3	4082.9	3642.8	3322.8	3073.6	2238.9
-17.5°	6821.6	5315.8	4817.7	4629.5	4477.5	4336.2	3973.0	3517.0	3132.2	2773.7	1913.3
-20°	5211.2	4742.9	4467.9	4259.5	4078.2	3901.5	3717.7	3278.8	2890.0	2336.6	1582.6



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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°	4532.9	4275.0	4073.0	3862.6	3568.5	3415.3	3238.4	2923.0	2595.6	1886.4	1262.4
-25°	4004.0	3842.2	3721.3	3495.2	3151.8	2936.4	2827.3	2598.3	2130.2	1488.8	993.2
-27.5°	3627.5	3542.5	3445.2	3228.4	2927.7	2662.2	2498.8	2257.2	1674.7	1182.4	930.1
-30°	3378.6	3342.3	3226.7	3027.4	2752.2	2503.4	2238.9	1780.2	1319.5	949.6	881.1
-32.5°	3250.7	3153.1	3010.7	2785.6	2557.7	2331.4	1866.0	1366.0	1001.6	901.4	845.5
-35°	3074.0	2907.5	2703.0	2539.3	2386.4	1940.9	1464.5	1067.1	906.5	859.8	814.6
-37.5°	2853.5	2611.4	2458.4	2283.2	1910.2	1495.5	1105.2	933.1	872.2	829.6	767.0
-40°	2670.7	2435.2	2086.7	1772.4	1423.1	1069.2	958.5	901.6	852.4	787.2	709.2
-42.5°	2234.8	1887.7	1571.9	1257.7	1012.8	970.8	925.7	878.8	815.1	730.1	648.1
-45°	1555.4	1284.0	1042.5	1005.6	967.3	933.5	899.1	830.7	750.0	668.6	585.6
-47.5°	1056.8	1026.1	992.6	962.6	933.7	895.6	830.6	757.5	681.7	604.9	531.9
-50°	1012.5	993.1	967.2	928.5	875.0	817.2	752.6	683.0	615.1	548.6	479.0
-52.5°	1006.6	960.2	910.0	855.5	797.3	738.5	676.0	617.6	557.0	492.7	427.5
-55°	935.5	885.1	831.7	775.6	718.1	665.5	611.5	555.3	496.6	435.5	380.6
-57.5°	848.7	800.1	751.1	699.9	646.9	594.2	541.0	487.5	436.9	385.1	335.0
-60°	769.6	721.2	673.8	622.8	568.3	515.9	471.3	425.8	379.6	337.3	294.7
-62.5°	686.0	642.9	591.8	539.4	490.9	447.4	405.7	365.5	328.6	291.1	241.6
-65°	569.5	526.5	484.5	444.4	406.5	371.2	336.3	297.8	257.8	219.5	177.5
-67.5°	434.8	401.8	370.9	340.1	306.3	272.6	238.0	204.6	176.0	148.6	116.7
-70°	290.8	263.3	236.4	210.7	188.8	168.4	146.7	124.2	101.3	85.3	70.5
-72.5°	162.8	146.1	130.0	114.8	98.4	87.9	79.2	69.5	58.9	47.2	38.8
-75°	80.9	73.6	66.6	60.5	54.1	47.3	43.4	40.3	37.3	34.6	32.0
-77.5°	44.9	42.1	39.6	38.2	36.6	34.8	32.8	30.9	29.3	27.7	26.0
-80°	33.2	31.4	29.6	28.6	27.6	26.6	25.6	24.3	23.0	21.7	20.8
-82.5°	23.8	22.7	21.5	21.1	20.7	20.2	19.7	19.1	18.4	17.8	17.3
-85°	17.9	17.0	16.1	15.9	15.6	15.3	14.9	14.6	14.4	14.1	13.8
-87.5°	14.4	13.8	13.2	12.8	12.4	12.1	11.7	11.6	11.5	11.4	11.2
-90°	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.7	4.2	4.6	5.0



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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°	9.6	9.2	8.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
87.5°	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.4
85°	5.0	5.0	5.0	5.0	5.4	5.9	6.2	6.4	6.4	6.4	6.5
82.5°	5.0	5.0	5.0	5.0	5.5	5.9	6.3	6.7	6.7	6.7	6.7
80°	5.0	5.0	5.0	5.1	5.5	5.9	6.3	6.7	6.7	6.7	6.7
77.5°	5.6	5.3	5.0	5.1	5.5	6.0	6.4	6.7	6.7	6.7	6.7
75°	6.7	6.4	6.1	5.8	5.8	6.0	6.4	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.4	6.3	6.5	6.7	6.7	6.7	6.7
70°	8.8	7.1	6.7	6.7	6.7	6.7	6.6	6.8	6.7	6.7	6.7
67.5°	12.6	10.0	8.0	6.9	6.7	6.7	6.7	6.9	7.0	6.7	6.7
65°	22.3	15.0	9.8	8.2	7.1	6.7	6.7	7.1	7.2	7.1	6.7
62.5°	28.8	21.7	15.0	10.3	7.8	6.9	6.7	7.1	7.5	7.5	7.0
60°	31.8	25.1	19.8	14.6	9.9	7.1	6.8	7.2	7.6	7.9	7.5
57.5°	29.4	26.9	23.0	18.3	13.3	8.7	6.9	7.3	7.7	8.0	7.9
55°	25.3	23.5	24.5	21.2	16.3	11.3	7.8	7.4	7.8	8.1	8.4
52.5°	21.1	21.5	23.4	23.0	18.9	13.9	10.0	7.5	7.9	8.2	8.4
50°	17.5	20.5	22.9	23.4	21.1	16.3	11.8	8.8	8.0	8.3	8.4
47.5°	16.9	20.4	22.5	24.2	22.7	18.5	13.7	10.0	8.1	8.4	8.4
45°	20.0	21.5	23.2	24.4	24.1	19.8	15.5	11.0	8.8	8.5	8.4
42.5°	24.7	25.2	25.5	24.9	24.5	20.7	17.1	12.3	9.4	8.6	8.5
40°	33.9	30.4	29.1	29.1	25.8	21.3	17.6	13.6	9.8	8.9	8.6
37.5°	44.5	38.8	34.7	36.9	29.5	23.3	17.9	14.7	10.8	9.5	8.7
35°	63.4	49.7	46.8	48.0	39.4	26.3	17.8	15.3	12.6	10.3	8.9
32.5°	86.2	73.0	69.8	61.3	52.2	30.0	19.6	16.7	14.4	11.1	9.2
30°	127.4	116.4	100.5	76.7	66.8	41.8	23.8	18.3	16.2	12.0	9.5
27.5°	190.4	166.5	139.2	104.1	81.4	56.2	29.1	20.3	18.2	13.2	10.2
25°	256.9	224.2	187.3	139.6	97.4	75.5	34.1	22.6	19.9	14.8	11.0
22.5°	331.0	283.5	239.7	179.6	122.8	97.6	44.4	27.0	21.7	16.3	11.7
20°	405.8	342.9	297.9	224.5	157.5	119.0	61.3	31.1	23.6	17.8	12.5
17.5°	491.0	417.4	366.4	277.4	195.7	142.3	79.3	34.9	25.6	19.3	13.2
15°	661.4	509.3	439.0	335.5	232.3	167.1	98.2	38.5	27.6	20.8	14.0
12.5°	867.9	600.0	514.9	397.0	267.3	192.9	117.3	41.9	29.7	22.2	14.6
10°	1095.4	689.1	592.9	460.2	300.4	219.0	136.2	46.9	33.0	23.6	15.1
7.5°	1333.1	775.9	671.4	523.3	335.2	254.2	174.0	56.5	36.5	25.0	15.6
5°	1549.7	855.9	749.9	598.4	388.9	297.5	215.3	66.3	40.1	26.3	16.1
2.5°	1660.6	925.3	825.0	670.5	440.8	338.9	255.5	76.0	43.5	27.4	16.4
0°	1741.5	990.4	895.0	736.1	490.2	378.1	292.8	85.3	46.8	28.4	16.7
-2.5°	1714.9	1007.0	914.4	767.3	542.3	418.0	323.9	110.2	61.1	36.8	20.6
-5°	1662.2	1020.6	930.1	793.0	590.4	455.3	349.8	133.6	74.9	44.8	24.3
-7.5°	1639.1	1027.4	939.7	813.2	633.6	489.7	370.2	155.1	87.6	52.2	27.8
-10°	1587.9	1029.0	941.4	812.3	636.8	503.4	381.3	174.0	99.2	58.8	30.8
-12.5°	1489.4	1028.4	941.9	803.9	628.5	497.7	366.5	185.2	109.2	64.5	33.4
-15°	1338.8	1025.9	942.0	787.5	615.0	489.1	350.0	191.9	117.1	69.5	35.4
-17.5°	1124.9	1021.8	942.4	762.4	596.1	477.6	332.7	196.4	123.5	74.2	37.7
-20°	1042.3	994.4	937.4	728.4	571.5	463.2	315.6	198.6	128.4	77.6	39.9



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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°	992.7	947.2	864.8	695.9	546.5	445.8	299.2	198.5	131.8	79.8	41.0
-25°	937.2	898.1	788.9	646.2	524.7	420.2	290.2	196.0	133.4	80.5	40.9
-27.5°	881.4	839.1	718.7	596.8	495.7	397.9	285.7	196.9	133.6	79.7	39.6
-30°	825.4	763.5	660.5	551.7	465.0	369.4	278.2	195.9	132.4	78.1	37.0
-32.5°	784.7	697.7	606.5	516.2	431.7	339.8	261.4	192.5	129.1	75.1	35.7
-35°	735.1	644.6	555.7	479.4	396.9	314.7	241.8	186.9	123.8	70.2	34.3
-37.5°	683.0	595.2	514.6	441.1	361.6	288.2	225.5	172.5	116.4	63.4	32.2
-40°	627.5	546.8	474.0	402.1	329.6	260.2	208.0	156.7	106.9	54.5	29.4
-42.5°	570.5	500.0	431.5	362.6	297.7	239.4	189.1	139.4	92.2	48.4	25.7
-45°	517.0	451.5	387.7	326.7	266.0	217.4	168.4	120.9	76.2	43.3	22.9
-47.5°	462.0	403.4	346.5	290.3	240.7	193.7	146.2	102.2	59.7	37.2	21.9
-50°	410.1	357.9	307.6	259.7	214.5	167.4	123.1	82.8	50.9	29.5	20.7
-52.5°	367.1	317.0	272.8	230.4	184.6	139.5	100.9	63.6	41.3	25.7	19.3
-55°	326.9	279.8	240.2	196.6	152.4	113.6	77.9	51.8	31.1	23.6	17.8
-57.5°	289.8	244.9	201.4	159.1	121.4	87.4	60.1	39.2	26.8	21.4	16.9
-60°	249.9	200.8	158.3	123.2	90.7	64.7	44.8	29.3	24.2	19.3	15.8
-62.5°	195.1	153.0	118.2	87.7	65.1	46.7	31.1	26.3	21.6	18.0	14.7
-65°	140.9	107.5	78.6	61.6	44.7	32.0	27.7	23.3	19.8	16.6	13.6
-67.5°	87.0	70.0	53.9	38.8	32.2	28.1	24.2	21.2	18.2	15.2	12.8
-70°	55.6	41.6	35.1	31.4	27.6	24.3	21.9	19.4	16.6	14.3	12.0
-72.5°	35.7	32.6	29.4	26.2	24.1	22.0	19.8	17.6	15.5	13.3	11.1
-75°	29.2	27.0	25.2	23.5	21.6	19.6	18.0	16.4	14.4	12.3	10.6
-77.5°	24.4	23.0	21.9	20.5	18.8	17.4	16.3	15.2	13.3	11.6	10.1
-80°	20.0	19.1	18.1	17.0	15.9	15.1	14.6	13.9	12.3	10.8	9.5
-82.5°	16.4	15.5	14.8	14.1	13.8	13.4	13.0	12.5	11.2	10.1	9.1
-85°	13.3	12.9	12.5	12.2	12.0	11.7	11.4	11.2	10.3	9.5	8.9
-87.5°	11.0	10.8	10.6	10.3	10.2	10.0	9.9	9.8	9.3	9.0	8.6
-90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.9	6.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.4	8.0	7.6	7.1	6.7	6.7	6.7
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
82.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
70°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
67.5°	6.8	6.7	6.7	6.7	6.7	6.7	6.7
65°	6.8	6.8	6.7	6.7	6.7	6.7	6.7
62.5°	6.9	6.9	6.7	6.7	6.7	6.7	6.7
60°	7.0	7.0	6.7	6.7	6.7	6.7	6.7
57.5°	7.3	7.2	6.9	6.7	6.7	6.7	6.7
55°	7.7	7.4	7.0	6.7	6.7	6.7	6.7
52.5°	8.0	7.6	7.2	6.7	6.8	6.7	6.7
50°	8.2	7.8	7.4	6.7	6.8	6.7	6.7
47.5°	8.4	7.9	7.6	6.7	6.9	6.7	6.7
45°	8.4	8.1	7.8	6.9	6.9	6.7	6.7
42.5°	8.4	8.2	8.0	7.1	7.0	6.7	6.7
40°	8.4	8.3	8.2	7.2	7.0	6.7	6.7
37.5°	8.4	8.4	8.2	7.4	7.1	6.7	6.7
35°	8.4	8.4	8.3	7.6	7.2	6.7	6.7
32.5°	8.4	8.4	8.4	7.8	7.2	6.7	6.7
30°	8.6	8.4	8.4	7.9	7.3	6.7	6.7
27.5°	8.8	8.4	8.4	8.0	7.4	6.7	6.7
25°	9.0	8.4	8.4	8.1	7.5	6.7	6.7
22.5°	9.2	8.4	8.4	8.2	7.6	6.7	6.7
20°	9.4	8.5	8.4	8.2	7.7	6.7	6.7
17.5°	9.7	8.7	8.4	8.3	7.8	6.7	6.7
15°	10.0	8.9	8.4	8.3	7.9	6.7	6.7
12.5°	10.3	9.0	8.4	8.4	8.0	6.7	6.7
10°	10.6	9.2	8.4	8.4	8.1	6.7	6.7
7.5°	10.9	9.4	8.4	8.4	8.2	6.7	6.7
5°	11.2	9.6	8.4	8.4	8.2	6.7	6.7
2.5°	11.5	9.8	8.4	8.4	8.3	6.7	6.7
0°	11.7	10.0	8.4	8.4	8.4	6.7	6.7
-2.5°	13.0	10.4	8.5	8.5	8.4	6.7	6.7
-5°	14.3	10.7	8.7	8.6	8.4	6.8	6.7
-7.5°	15.5	11.0	8.8	8.7	8.4	6.8	6.7
-10°	16.5	11.3	9.0	8.8	8.4	6.8	6.7
-12.5°	17.5	11.6	9.1	8.9	8.3	6.9	6.7
-15°	18.2	11.8	9.2	9.0	8.3	6.9	6.7
-17.5°	18.7	11.9	9.4	9.0	8.3	6.9	6.7
-20°	19.3	12.0	9.5	9.1	8.3	7.0	6.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.0	12.0	9.6	9.1	8.2	7.0	6.7
-25°	20.3	12.2	9.8	9.1	8.2	7.0	6.7
-27.5°	20.1	12.3	9.9	9.1	8.2	7.0	6.7
-30°	19.5	12.4	10.0	9.1	8.2	7.1	6.7
-32.5°	18.3	12.4	10.2	9.1	8.2	7.1	6.7
-35°	17.9	12.3	10.4	9.0	8.1	7.1	6.7
-37.5°	17.7	12.2	10.5	9.0	8.1	7.1	6.7
-40°	17.3	12.3	10.5	8.9	8.1	7.1	6.7
-42.5°	16.8	12.4	10.5	8.8	8.1	7.1	6.7
-45°	16.2	12.3	10.4	8.6	8.1	7.1	6.7
-47.5°	15.4	12.2	10.2	8.5	8.1	7.1	6.7
-50°	15.0	12.0	10.0	8.5	8.1	7.1	6.7
-52.5°	14.6	11.8	9.8	8.5	8.1	7.1	6.7
-55°	14.0	11.4	9.5	8.5	8.1	7.1	6.7
-57.5°	13.4	11.0	9.3	8.5	8.2	7.1	6.7
-60°	12.7	10.6	9.0	8.5	8.2	7.1	6.7
-62.5°	12.1	10.2	8.9	8.5	8.1	7.0	6.7
-65°	11.4	9.7	8.8	8.5	8.0	7.0	6.7
-67.5°	10.7	9.3	8.8	8.4	7.9	7.0	6.7
-70°	10.0	9.2	8.7	8.4	7.8	7.0	6.7
-72.5°	9.6	8.9	8.5	8.3	7.7	6.9	6.7
-75°	9.2	8.7	8.4	8.1	7.5	6.9	6.7
-77.5°	8.8	8.5	8.3	7.9	7.4	6.9	6.7
-80°	8.4	8.3	8.1	7.8	7.3	6.8	6.7
-82.5°	8.4	8.2	8.0	7.6	7.1	6.8	6.7
-85°	8.4	8.2	7.8	7.5	7.0	6.8	6.7
-87.5°	8.4	8.1	7.7	7.3	6.8	6.7	6.7
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7

(END OF REPORT)