

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: P1306237 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-3S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

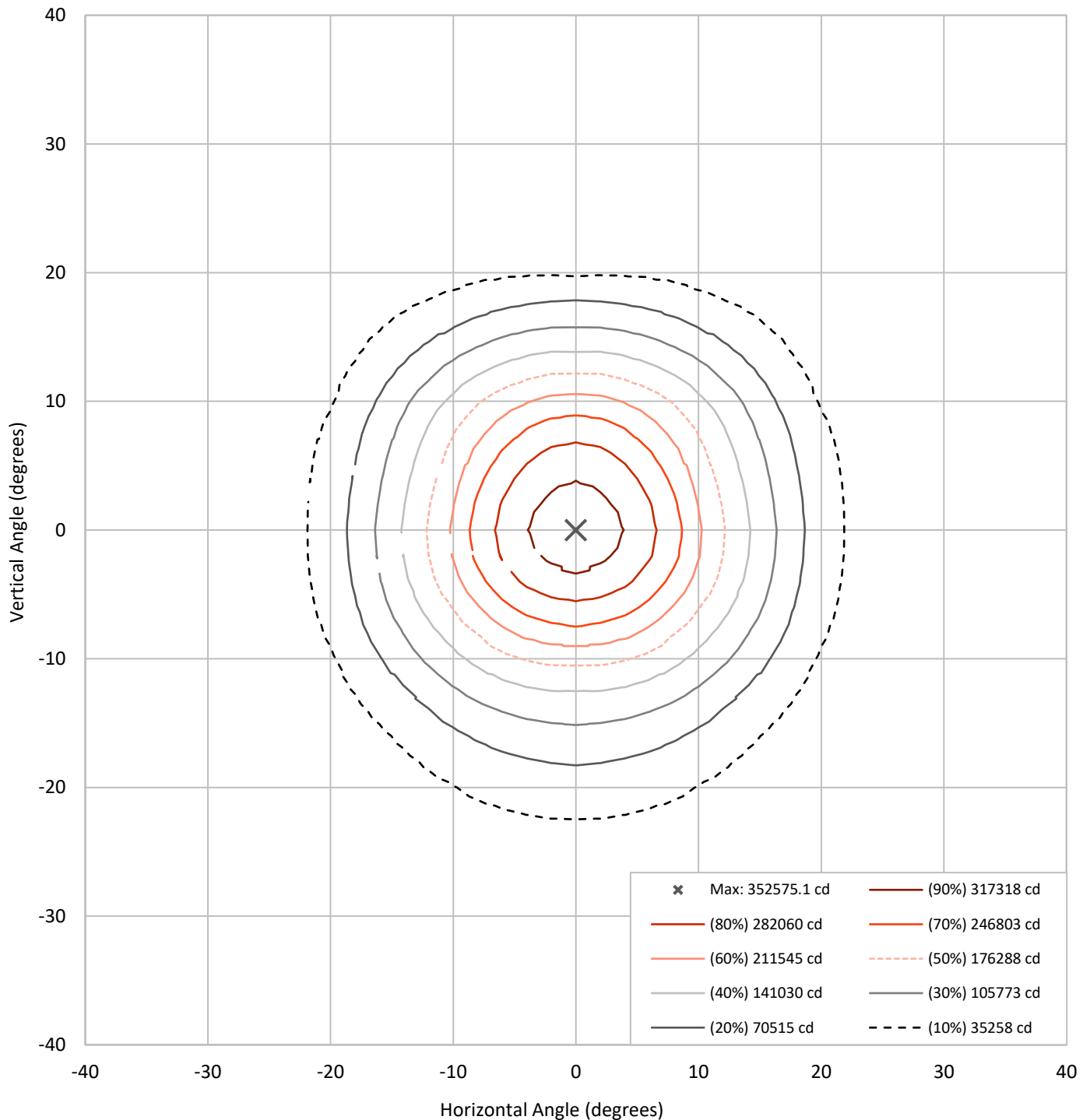
Test Method: LM-79-08  
Report Number: P1306237 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-57-70-3S-CV1-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	73074.1 lumens	Max Intensity:	352575.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	34457.8 lumens	Field Lumens:	62249.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





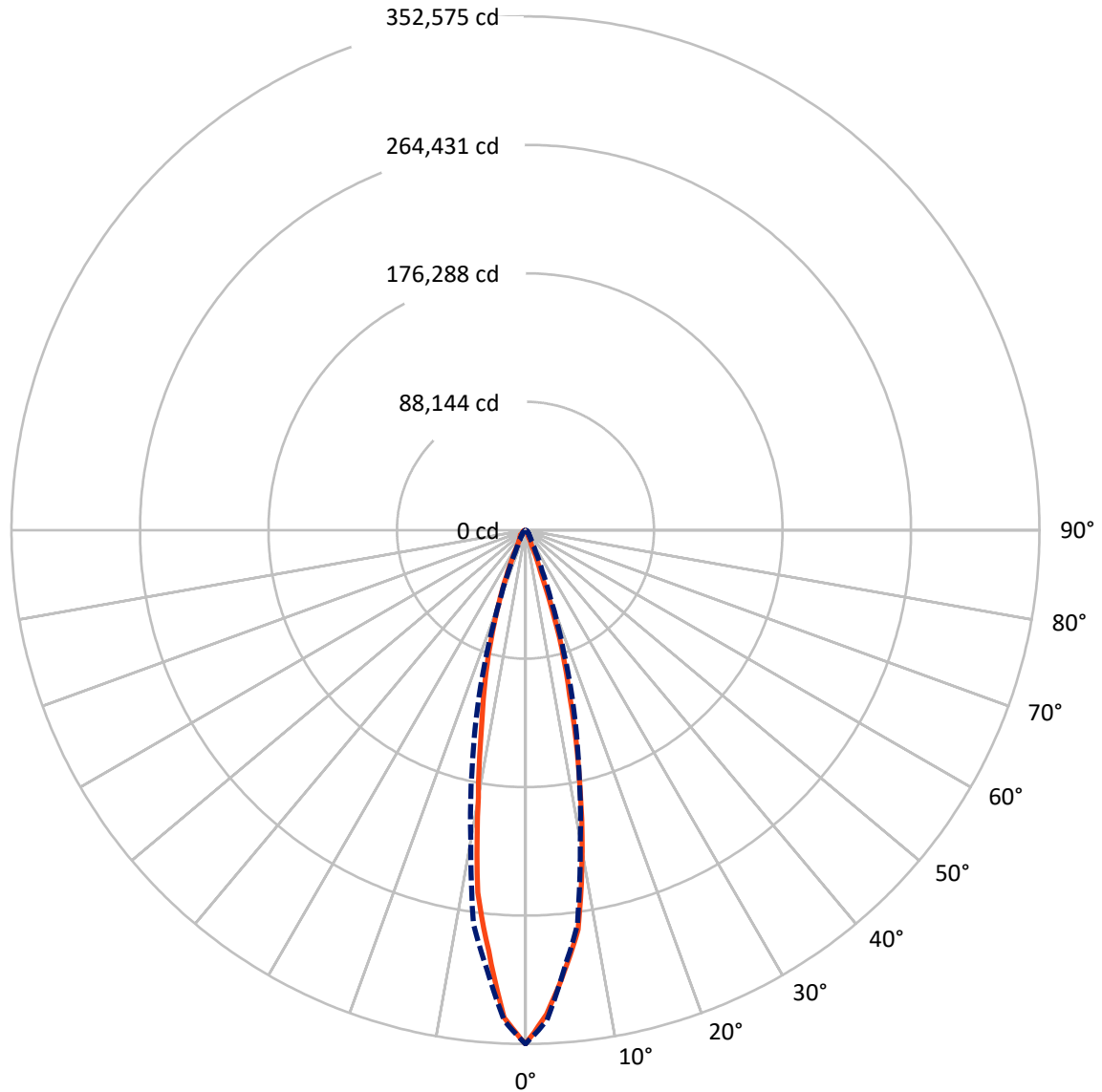
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### Lumen Table

90	0.1	0.2		0.4		0.5		0.5		0.5		0.4		0.2		0.1			
80	0.1	0.2		0.4		0.5		0.5		0.5		0.4		0.2		0.1			
70	0.1	0.1	0.2	0.6	0.8	0.5	0.4	0.4	0.4	0.4	0.5	0.8	0.6	0.2	0.1	0.1			
60		0.1	0.4	0.8	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.8	0.4	0.1				
50	0.2	0.2	0.6	0.6	0.7	1.1	1.9	1.3	1.3	1.9	1.1	0.7	0.6	0.6	0.2	0.2			
40		0.4	1.2	2.9	5.1	7.4	10.2	12.2	12.2	10.2	7.4	5.1	2.9	1.2	0.4				
30	0.2	0.7	5.0	15.6	36.0	60.0	123.3	237.2	237.2	123.3	60.0	36.0	15.6	5.0	0.7	0.2			
20		1.5	10.6	39.7	96.1	254.3	1400.4	3304.9	3304.9	1400.4	254.3	96.1	39.7	10.6	1.5				
10	0.4	2.3	14.1	52.8	123.6	542.5	3357.3	7873.6	7873.6	3357.3	542.5	123.6	52.8	14.1	2.3	0.4			
0		2.9	15.2	53.7	123.9	537.1	3298.6	7545.3	7545.3	3298.6	537.1	123.9	53.7	15.2	2.9				
-10	0.6	3.4	14.3	44.6	97.4	256.4	1337.4	3018.5	3018.5	1337.4	256.4	97.4	44.6	14.3	3.4	0.6			
-20		3.6	13.3	33.4	83.0	145.4	332.8	680.3	680.3	332.8	145.4	83.0	33.4	13.3	3.6				
-30	0.5	3.2	11.5	25.3	61.3	120.2	168.8	207.3	207.3	168.8	120.2	61.3	25.3	11.5	3.2	0.5			
-40		2.2	8.7	19.9	37.2	66.0	108.1	138.4	138.4	108.1	66.0	37.2	19.9	8.7	2.2				
-50	0.3	1.1	5.3	13.4	25.4	39.1	52.3	60.5	60.5	52.3	39.1	25.4	13.4	5.3	1.1	0.3			
-60		0.4	1.8	5.8	11.8	18.8	25.6	29.5	29.5	25.6	18.8	11.8	5.8	1.8	0.4				
-70	0.2	1.0		3.7		9.6		13.0		9.6		3.7		1.0		0.2			
-80		1.0		3.7		9.6		13.0		9.6		3.7		1.0					
-90	0.2	1.0		3.7		9.6		13.0		9.6		3.7		1.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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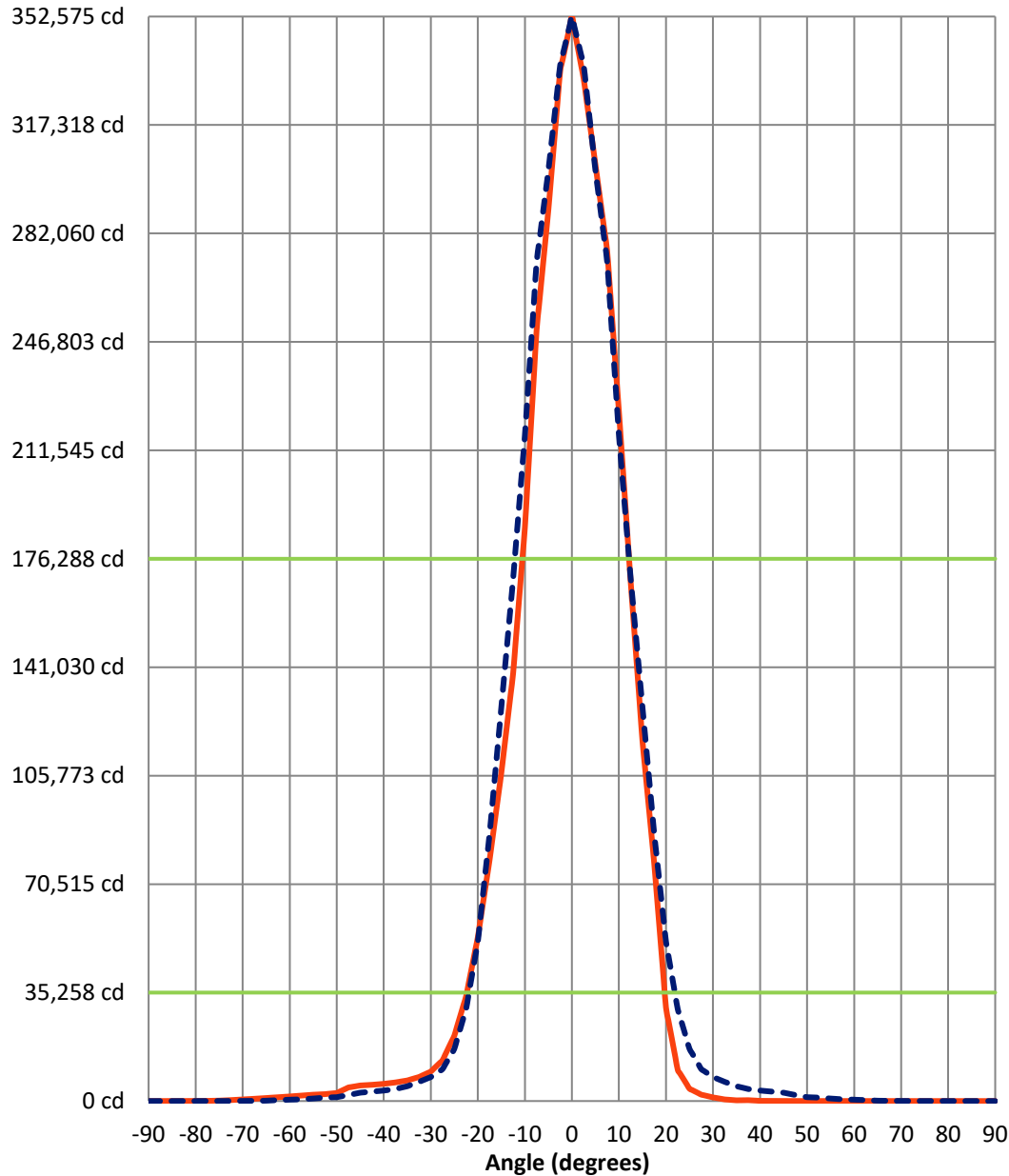
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 24.3°  
V Angle: 22.7°  
Lumens: 34457.8  
Efficiency: 47.2%

**Field:**  
H Angle: 43.8°  
V Angle: 42.1°  
Lumens: 62249.6  
Efficiency: 85.2%

**Spill:**  
Lumens: 10824.5  
Efficiency: 14.8%

— 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°	3.6	4.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
87.5°	3.6	3.7	3.8	3.8	3.8	3.7	3.6	3.6	3.6	3.6	3.6
85°	3.6	3.8	3.9	4.0	3.9	3.8	3.6	3.6	3.6	3.6	3.6
82.5°	3.6	3.8	4.1	4.1	4.1	3.9	3.6	3.6	3.6	3.7	3.6
80°	3.6	3.9	4.2	4.3	4.2	4.0	3.7	3.9	3.9	3.9	3.6
77.5°	3.6	4.0	4.4	4.5	4.4	4.2	4.2	4.3	4.3	4.1	3.7
75°	3.6	4.1	4.5	4.7	4.6	4.5	4.6	4.7	4.6	4.2	3.7
72.5°	3.6	4.1	4.7	4.9	4.7	4.8	5.0	5.1	4.7	4.2	3.8
70°	3.6	4.2	4.8	5.0	4.9	5.0	5.4	5.1	4.7	4.3	4.3
67.5°	3.6	4.3	5.0	5.1	5.0	5.3	5.4	5.2	4.8	4.7	5.0
65°	3.6	4.4	5.1	5.2	5.2	5.4	5.4	5.2	5.0	5.1	5.4
62.5°	3.6	4.4	5.3	5.2	5.3	5.4	5.4	5.3	5.2	5.5	5.6
60°	3.6	4.5	5.4	5.3	5.4	5.4	5.4	5.4	5.4	5.8	5.9
57.5°	3.6	4.6	5.4	5.3	5.4	5.4	5.5	5.4	5.7	6.2	6.2
55°	3.6	4.6	5.4	5.3	5.4	5.4	5.6	5.5	6.2	6.6	6.6
52.5°	3.6	4.7	5.4	5.4	5.4	5.4	5.7	6.0	6.7	7.1	7.1
50°	3.6	4.8	5.4	5.4	5.4	5.6	5.9	6.5	7.2	7.7	9.5
47.5°	3.6	4.8	5.4	5.4	5.4	5.8	6.1	7.0	7.8	8.3	11.8
45°	3.6	4.9	5.4	5.4	5.4	6.0	6.6	7.5	8.4	10.1	14.0
42.5°	3.6	4.9	5.4	5.4	5.4	6.2	7.0	8.0	8.9	11.8	18.1
40°	3.6	5.0	5.4	5.4	5.5	6.4	7.4	8.4	9.7	13.3	22.3
37.5°	3.6	5.0	5.4	5.4	5.7	6.7	7.8	8.9	10.9	15.3	26.3
35°	3.6	5.1	5.4	5.4	5.9	6.9	8.1	9.3	12.0	19.0	29.6
32.5°	3.6	5.1	5.4	5.4	6.0	7.3	8.5	9.7	12.9	22.6	32.5
30°	3.6	5.2	5.4	5.4	6.2	7.5	8.8	10.2	13.8	26.3	35.5
27.5°	3.6	5.2	5.4	5.4	6.4	7.8	9.2	10.9	15.4	29.9	38.7
25°	3.6	5.2	5.4	5.4	6.5	8.1	9.5	11.6	18.3	32.8	42.0
22.5°	3.6	5.3	5.4	5.4	6.6	8.3	9.8	12.2	21.0	35.3	47.8
20°	3.6	5.3	5.4	5.4	6.8	8.4	10.0	12.7	23.6	37.8	54.1
17.5°	3.6	5.3	5.4	5.4	6.9	8.6	10.3	13.1	26.0	40.3	60.8
15°	3.6	5.3	5.4	5.4	7.0	8.7	10.6	13.6	28.3	42.7	67.5
12.5°	3.6	5.4	5.4	5.4	7.0	8.8	11.0	14.4	30.9	45.0	74.4
10°	3.6	5.4	5.4	5.4	7.1	8.9	11.3	15.2	33.8	48.7	82.0
7.5°	3.6	5.4	5.4	5.4	7.1	8.9	11.6	15.9	36.5	52.5	91.3
5°	3.6	5.4	5.4	5.4	7.2	9.0	11.9	16.6	39.0	56.2	100.4
2.5°	3.6	5.4	5.4	5.4	7.2	9.0	12.2	17.3	41.2	59.6	108.8
0°	3.6	5.4	5.4	5.4	7.2	9.0	12.5	17.9	43.0	62.7	116.4
-2.5°	3.6	5.4	5.5	5.6	7.5	9.8	14.6	23.5	52.9	78.8	137.1
-5°	3.6	5.4	5.6	5.9	7.8	10.5	16.7	28.9	62.1	94.2	156.5
-7.5°	3.6	5.4	5.6	6.1	8.1	11.2	18.6	33.9	70.6	108.7	174.4
-10°	3.6	5.4	5.7	6.3	8.3	11.9	20.4	38.4	78.2	121.9	190.4
-12.5°	3.6	5.4	5.8	6.5	8.6	12.4	21.9	42.3	84.5	133.7	206.6
-15°	3.6	5.3	5.8	6.7	8.8	12.9	23.1	45.5	90.2	144.4	221.0
-17.5°	3.6	5.3	5.9	6.9	9.0	13.3	24.1	48.5	95.2	153.4	231.9
-20°	3.6	5.3	5.9	7.1	9.2	13.7	24.9	51.0	98.6	160.5	239.2



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 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.6	5.3	6.0	7.2	9.4	13.8	25.7	52.4	100.2	165.4	242.5
-25°	3.6	5.3	6.0	7.4	9.5	14.0	26.0	52.7	99.9	168.2	241.5
-27.5°	3.6	5.2	6.0	7.5	9.7	14.1	25.6	51.7	97.6	168.4	243.7
-30°	3.6	5.2	6.1	7.6	9.8	14.0	24.5	49.4	95.4	165.4	243.3
-32.5°	3.6	5.2	6.1	7.6	9.9	13.8	22.8	47.7	92.6	159.6	239.8
-35°	3.6	5.2	6.1	7.7	9.9	13.4	21.9	45.6	87.8	151.1	233.2
-37.5°	3.6	5.1	6.0	7.7	10.0	13.0	21.3	42.4	81.1	139.7	218.3
-40°	3.6	5.1	6.0	7.7	9.9	13.0	20.5	38.2	72.5	129.1	199.9
-42.5°	3.6	5.1	6.0	7.6	9.8	12.9	19.5	32.9	65.1	115.5	178.7
-45°	3.6	5.1	5.9	7.5	9.7	12.7	18.1	28.6	57.7	99.6	155.7
-47.5°	3.6	5.0	5.9	7.4	9.6	12.5	16.6	26.7	48.8	82.0	135.5
-50°	3.6	5.0	5.8	7.3	9.4	12.1	15.9	24.4	38.2	69.8	113.0
-52.5°	3.6	5.0	5.7	7.2	9.2	11.7	15.4	21.8	32.6	56.5	89.4
-55°	3.6	4.9	5.6	7.0	9.0	11.4	14.7	19.1	29.0	42.2	72.9
-57.5°	3.6	4.9	5.5	6.9	8.8	11.0	14.0	18.1	25.1	35.3	55.2
-60°	3.6	4.9	5.4	6.7	8.5	10.6	13.2	17.0	21.6	30.6	40.8
-62.5°	3.6	4.9	5.4	6.5	8.2	10.2	12.6	15.8	20.1	25.5	34.9
-65°	3.6	4.8	5.4	6.3	7.8	9.7	11.9	14.7	18.6	22.9	28.8
-67.5°	3.6	4.8	5.4	6.1	7.5	9.2	11.2	13.8	16.9	21.0	25.3
-70°	3.6	4.8	5.4	5.8	7.1	8.7	10.5	12.9	15.7	18.9	22.8
-72.5°	3.6	4.7	5.4	5.7	6.7	8.1	9.7	11.9	14.5	17.3	20.3
-75°	3.6	4.7	5.4	5.7	6.3	7.5	8.9	10.9	13.2	15.7	18.4
-77.5°	3.6	4.7	5.4	5.7	6.1	6.9	8.1	9.9	11.8	14.0	16.3
-80°	3.6	4.6	5.4	5.6	6.0	6.5	7.3	8.8	10.4	12.3	14.2
-82.5°	3.6	4.6	5.4	5.6	5.9	6.3	6.8	7.8	9.0	10.5	12.1
-85°	3.6	4.6	5.4	5.5	5.7	6.0	6.3	7.0	7.8	8.8	9.9
-87.5°	3.6	4.5	5.4	5.5	5.6	5.7	5.9	6.2	6.6	7.1	7.6
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	3.2	2.7	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	3.2	2.7	2.4	2.1	2.1	2.1	2.0	1.8	1.8	1.8	1.8
82.5°	3.3	3.2	3.1	3.1	2.9	2.7	2.3	2.1	2.1	2.1	2.0
80°	3.5	3.6	3.6	3.6	3.4	3.2	3.2	3.3	3.1	2.9	2.6
77.5°	3.6	3.6	3.6	3.6	3.6	3.8	4.0	4.5	4.5	4.3	4.1
75°	3.6	3.6	3.7	3.7	3.8	4.2	4.8	5.3	5.2	5.1	5.1
72.5°	3.9	4.1	4.1	3.8	4.2	4.8	5.2	5.4	6.4	7.9	8.9
70°	4.6	4.7	4.6	4.7	5.1	5.8	7.7	10.2	12.7	14.4	16.9
67.5°	5.3	5.1	5.1	5.6	6.9	8.9	11.7	18.0	25.1	27.8	29.2
65°	5.4	5.3	5.8	7.0	8.8	14.1	21.0	29.2	37.8	39.7	39.6
62.5°	5.4	5.7	6.6	9.3	14.3	20.9	29.9	39.2	48.2	46.7	41.3
60°	5.6	5.8	9.0	14.3	20.3	29.2	39.1	44.0	46.9	46.6	40.1
57.5°	5.8	7.9	13.3	20.1	28.6	36.2	39.4	42.3	44.1	45.5	37.7
55°	7.3	11.5	18.4	27.3	34.2	35.7	37.6	38.6	40.1	37.3	28.8
52.5°	10.6	15.6	24.6	32.5	35.5	35.2	33.4	33.6	31.1	27.2	22.9
50°	13.6	21.5	30.1	34.9	36.4	33.7	29.0	27.5	24.9	21.7	18.8
47.5°	18.2	27.2	33.3	37.4	36.5	32.7	27.2	23.8	21.1	20.2	17.4
45°	23.3	31.2	37.0	38.7	36.9	32.0	27.5	21.5	22.7	22.5	22.2
42.5°	28.1	34.5	39.4	40.8	36.9	33.6	29.6	28.2	28.1	31.6	34.0
40°	31.2	37.7	42.3	42.7	38.3	37.5	40.2	41.9	40.3	46.4	51.5
37.5°	34.0	41.0	46.7	48.9	43.3	47.7	54.5	73.3	75.1	64.3	82.4
35°	36.6	44.9	55.5	63.8	63.6	64.0	92.9	121.6	135.0	118.1	133.8
32.5°	39.9	49.3	67.6	89.4	107.5	110.3	141.7	200.0	227.4	228.5	226.3
30°	44.6	60.8	86.6	122.5	168.0	212.2	236.0	300.2	344.2	419.5	476.5
27.5°	51.2	75.6	118.5	178.3	250.1	337.8	391.1	428.2	536.7	677.5	829.3
25°	58.7	105.6	155.3	249.9	372.0	483.4	551.4	595.9	785.4	1064.7	1260.2
22.5°	75.0	144.1	209.2	331.3	509.6	634.8	706.7	850.3	1144.0	1519.0	1750.4
20°	103.1	191.3	272.4	405.5	650.4	789.9	857.8	1142.9	1596.3	1980.8	2299.5
17.5°	135.5	238.9	335.2	492.5	729.6	909.2	1024.7	1456.2	2078.2	2423.5	2788.6
15°	171.2	286.4	391.1	569.8	805.8	979.8	1229.8	1833.8	2518.9	2848.7	3225.3
12.5°	209.0	333.3	440.5	637.6	880.9	1045.1	1413.3	2103.1	2746.4	3193.0	3681.6
10°	247.6	379.1	484.2	696.1	953.4	1105.1	1585.7	2327.7	2866.7	3286.7	3856.8
7.5°	271.5	410.6	519.9	745.6	1021.6	1160.0	1743.1	2508.9	2952.1	3342.2	3880.7
5°	288.8	425.8	537.5	779.3	1069.2	1203.6	1871.6	2648.7	3007.6	3364.3	3838.2
2.5°	301.6	437.7	552.4	804.6	1098.4	1233.6	1932.0	2702.5	3044.3	3391.4	3844.5
0°	309.9	446.1	564.3	822.3	1117.8	1259.4	1963.4	2721.1	3066.9	3414.4	3908.8
-2.5°	320.9	458.3	583.1	840.3	1122.7	1265.1	1968.0	2713.8	3079.9	3469.3	3978.3
-5°	328.2	467.1	598.2	850.4	1119.2	1265.9	1943.3	2675.1	3061.1	3455.9	3951.6
-7.5°	332.5	472.5	609.0	851.3	1100.0	1246.7	1859.0	2553.2	2956.1	3326.5	3813.7
-10°	336.0	480.1	619.1	836.8	1063.0	1213.3	1740.0	2408.5	2839.5	3180.6	3638.1
-12.5°	347.3	490.5	626.7	819.3	1025.0	1175.7	1594.5	2245.4	2713.7	3020.4	3448.8
-15°	355.2	498.9	631.1	800.2	988.2	1134.1	1423.5	2067.7	2617.7	2962.3	3329.6
-17.5°	359.8	505.7	632.7	780.9	954.6	1088.8	1235.6	1902.7	2541.4	2930.8	3269.9
-20°	361.2	511.2	631.6	762.6	925.1	1061.8	1193.9	1702.6	2354.7	2880.6	3217.2



REPORT NUMBER: P1306237 (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°	359.5	515.6	630.0	754.2	906.0	1049.7	1177.9	1481.3	2108.2	2808.3	3149.8
-25°	358.4	509.5	629.7	742.4	884.5	1035.1	1161.4	1274.5	1831.0	2530.2	3059.2
-27.5°	356.1	500.0	617.0	723.7	857.6	1014.5	1141.9	1253.4	1575.6	2214.1	2916.8
-30°	348.1	474.6	599.7	700.4	830.4	979.8	1119.9	1238.0	1358.5	1891.5	2547.0
-32.5°	330.1	446.7	571.1	677.7	796.6	939.5	1088.7	1211.0	1333.3	1528.9	2150.6
-35°	311.0	420.5	537.6	649.5	755.7	893.1	1035.7	1174.7	1296.4	1424.3	1727.7
-37.5°	296.3	391.6	502.7	614.3	719.7	840.5	976.9	1117.5	1248.6	1380.8	1530.1
-40°	278.5	360.4	467.9	574.8	680.1	789.1	915.0	1047.9	1185.3	1337.3	1477.4
-42.5°	257.3	337.1	431.2	534.2	636.3	740.9	849.6	975.4	1119.0	1279.9	1428.0
-45°	230.6	310.6	393.6	490.1	588.8	688.5	791.8	900.8	1044.8	1198.3	1355.9
-47.5°	200.9	279.8	359.9	442.4	537.1	633.3	729.8	839.9	961.5	1104.4	1257.6
-50°	170.0	243.0	321.3	397.5	481.1	573.4	666.5	772.7	887.3	1006.3	1140.4
-52.5°	141.8	202.9	276.0	351.5	426.6	508.5	599.4	698.4	804.6	917.9	1028.2
-55°	111.1	165.8	226.5	298.5	372.5	445.5	523.6	614.4	712.1	815.5	918.8
-57.5°	86.3	127.3	179.6	239.7	309.8	382.4	451.9	524.2	609.8	702.5	792.9
-60°	64.8	94.0	133.6	184.5	240.9	307.9	377.1	444.1	511.9	580.4	660.3
-62.5°	45.0	67.7	95.1	130.3	178.7	231.0	291.7	355.5	420.2	479.1	537.5
-65°	37.8	45.4	64.3	90.0	117.2	161.4	210.0	261.0	317.8	368.7	421.1
-67.5°	30.2	37.2	44.0	54.3	77.7	103.2	130.8	173.8	218.1	254.8	292.3
-70°	26.4	29.4	35.0	41.1	47.0	57.4	79.8	103.7	127.6	151.4	182.2
-72.5°	23.2	25.8	28.6	31.5	36.4	41.4	46.4	51.5	64.9	83.1	99.9
-75°	20.4	22.1	24.3	26.8	29.2	31.4	33.9	38.1	42.3	46.5	50.6
-77.5°	17.8	19.1	20.6	22.1	23.9	25.8	27.8	29.6	31.3	33.0	34.8
-80°	15.2	16.1	17.0	18.1	19.3	20.6	22.0	23.4	24.6	25.7	26.8
-82.5°	12.8	13.4	14.0	14.6	15.1	15.7	16.3	17.2	18.0	18.8	19.5
-85°	10.3	10.7	11.1	11.5	11.9	12.2	12.6	12.9	13.3	13.6	13.9
-87.5°	8.1	8.5	8.9	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0
-90°	3.2	2.7	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.2	7.7	8.1	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	2.4	2.3	2.2	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	3.9	3.6	3.4	3.1	2.8	2.7	2.5	2.2	1.9	1.8	1.8
75°	5.2	5.3	5.4	5.1	4.6	4.2	4.0	3.6	3.3	3.3	3.4
72.5°	9.5	9.4	9.1	9.0	8.5	8.2	8.3	8.2	7.9	8.1	8.4
70°	18.3	18.8	18.4	17.2	15.3	13.9	13.1	12.1	10.8	10.6	11.2
67.5°	28.8	27.5	25.9	23.8	20.5	17.8	16.4	15.1	13.8	13.6	13.9
65°	36.7	31.2	27.3	24.2	21.7	19.1	17.4	15.6	13.9	13.0	12.8
62.5°	35.5	29.2	24.9	22.1	19.7	17.6	15.4	13.4	11.4	10.1	10.2
60°	33.3	26.3	20.8	18.1	16.0	14.4	12.5	10.9	9.7	9.0	9.1
57.5°	28.3	20.7	15.8	14.6	13.1	11.4	10.2	9.6	9.2	9.0	9.0
55°	21.8	17.5	14.6	13.0	11.5	10.0	9.1	9.3	9.2	9.0	9.4
52.5°	18.0	15.4	13.4	11.9	11.2	10.8	10.6	10.6	10.8	11.1	11.4
50°	16.1	14.3	13.4	12.3	12.3	12.3	12.3	12.9	13.4	13.6	13.4
47.5°	16.2	15.5	16.3	14.2	14.6	15.9	16.0	16.2	17.3	17.7	17.5
45°	20.5	24.7	24.8	22.8	21.7	26.4	26.8	24.3	37.2	36.4	27.5
42.5°	36.5	39.0	39.2	41.3	45.8	60.2	86.9	111.1	114.7	100.8	69.2
40°	59.0	57.0	61.5	73.9	109.5	142.0	166.6	240.2	239.5	187.5	188.9
37.5°	96.1	93.9	100.8	138.2	149.7	129.5	182.3	187.4	160.5	191.3	194.0
35°	165.5	187.6	163.5	203.1	205.0	183.3	196.8	219.6	187.2	224.1	240.0
32.5°	301.7	340.8	344.5	341.4	361.7	381.6	370.0	425.4	435.4	472.2	512.7
30°	490.2	565.4	622.8	611.7	645.4	704.7	724.1	808.8	893.2	945.6	1073.9
27.5°	854.2	892.2	1010.0	1092.8	1073.6	1170.4	1362.4	1421.8	1664.0	1779.9	1946.9
25°	1352.6	1420.0	1587.8	1784.7	1868.9	2031.1	2342.9	2492.2	2810.3	2972.7	3585.0
22.5°	1970.1	2198.3	2408.9	2673.4	3052.9	3375.2	3721.8	4304.7	5251.5	6611.9	8236.0
20°	2675.1	3057.6	3376.1	3864.7	4493.7	5099.9	5996.8	8582.8	11329.3	17058.1	20950.4
17.5°	3342.1	3949.3	4394.3	5043.1	5972.3	7489.7	10579.3	16359.6	25444.1	36541.7	47135.2
15°	3862.6	4483.3	5308.0	6287.3	7706.6	10676.0	16319.6	27744.9	45065.2	61975.5	79768.1
12.5°	4302.5	4958.8	5862.8	7189.5	9312.2	14649.7	24796.7	42007.5	64840.1	90014.2	116613.1
10°	4585.6	5382.6	6465.2	8217.3	11744.8	19327.8	32519.4	55582.3	86273.1	119140.4	148704.3
7.5°	4635.4	5607.9	6979.3	9110.4	14158.4	24208.0	41704.9	68835.6	102448.3	139466.3	176699.9
5°	4655.2	5817.7	7413.7	9812.0	15816.6	27738.1	46996.4	77326.5	114648.9	152666.9	192739.0
2.5°	4708.4	6023.8	7732.6	10302.9	16773.1	29843.1	50054.2	83408.7	122783.5	164066.5	208744.6
0°	4818.9	6239.5	7801.6	10386.6	16973.6	29887.8	51818.1	86893.8	128089.0	169798.2	216399.8
-2.5°	4878.8	6211.8	7743.4	10216.0	16715.1	29892.5	50123.0	84469.1	125322.4	166017.2	212978.2
-5°	4776.0	5934.4	7385.2	9701.0	15584.4	27502.0	46755.5	78208.2	115915.6	152504.8	190267.8
-7.5°	4555.1	5544.1	6876.0	8969.8	13830.9	23796.6	40668.7	66495.6	98515.2	130324.2	159744.7
-10°	4297.8	5130.5	6222.8	7908.3	11353.0	18815.9	31821.2	52142.4	79645.5	106952.2	131780.5
-12.5°	4020.2	4668.6	5477.4	6643.2	8787.6	14207.1	24116.3	39691.5	58709.0	79308.7	101860.5
-15°	3783.0	4261.0	4874.0	5866.9	7502.7	10584.1	16188.1	26552.8	40189.7	56338.9	72963.0
-17.5°	3623.5	3978.9	4512.8	5270.2	6275.6	8105.9	12161.9	18306.9	27081.4	39168.0	50147.2
-20°	3509.0	3843.3	4267.0	4863.3	5705.4	6995.8	8980.5	13215.8	18989.7	26823.7	34276.2



REPORT NUMBER: P1306237 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3427.4	3728.2	4086.2	4566.1	5318.1	6326.5	7593.3	9648.9	13285.1	17904.8	23085.9
-25°	3347.0	3596.5	3991.4	4507.4	5024.3	5745.8	6621.4	7630.7	9567.8	11621.7	14802.0
-27.5°	3255.1	3563.7	4005.0	4487.0	4952.7	5310.8	5932.4	6628.5	7654.2	8647.2	10281.1
-30°	3188.2	3582.8	4021.8	4485.1	4843.9	5160.5	5508.0	6040.0	6703.8	7405.6	8156.7
-32.5°	2855.0	3524.2	3974.7	4390.0	4686.9	4981.0	5288.9	5658.0	6082.3	6526.9	6983.1
-35°	2408.5	3121.2	3820.1	4145.7	4446.5	4743.1	5064.2	5363.2	5662.6	5963.3	6249.7
-37.5°	1861.2	2559.6	3219.9	3788.7	4134.1	4436.2	4778.5	5085.4	5347.9	5573.8	5794.3
-40°	1625.9	1869.8	2508.5	3107.3	3609.9	4088.6	4411.2	4751.1	5043.9	5252.3	5439.6
-42.5°	1561.2	1698.6	1840.2	2299.3	2854.3	3346.2	3783.9	4209.2	4611.6	4901.4	5124.1
-45°	1505.0	1621.2	1742.5	1878.0	2013.2	2444.6	2899.6	3357.6	3831.4	4255.4	4598.7
-47.5°	1401.0	1541.8	1661.2	1773.3	1880.9	2003.6	2130.4	2312.8	2728.5	3152.8	3539.6
-50°	1272.6	1404.5	1537.6	1670.1	1769.8	1864.0	1960.4	2069.2	2190.4	2314.0	2418.2
-52.5°	1132.7	1254.0	1376.9	1493.8	1605.4	1713.8	1819.6	1915.6	2005.9	2092.9	2144.2
-55°	1019.1	1116.2	1213.0	1313.2	1414.9	1514.1	1612.5	1711.7	1807.3	1898.6	1949.6
-57.5°	886.5	983.3	1076.0	1152.4	1231.3	1311.9	1396.1	1481.6	1565.4	1643.4	1687.3
-60°	742.6	826.6	906.9	981.0	1054.1	1125.5	1194.6	1262.4	1327.5	1384.2	1418.6
-62.5°	597.7	666.1	732.7	795.8	857.2	917.4	981.9	1043.2	1100.8	1147.4	1176.1
-65°	474.3	526.5	572.7	618.1	662.9	714.5	769.4	821.4	870.2	908.2	933.4
-67.5°	335.9	380.8	423.2	463.7	500.8	537.6	576.7	614.9	651.6	680.1	700.3
-70°	211.6	240.0	267.9	297.8	330.4	362.7	394.9	424.6	451.7	472.1	487.4
-72.5°	115.3	128.9	143.2	164.4	184.7	206.3	228.5	249.4	268.9	282.7	292.9
-75°	54.7	60.8	71.8	81.7	90.4	99.9	109.5	118.3	126.4	130.6	133.0
-77.5°	37.5	40.5	43.2	45.7	47.9	50.7	53.8	56.9	59.9	61.9	63.4
-80°	28.0	29.2	30.4	31.6	32.8	34.2	35.4	36.6	37.6	38.6	39.5
-82.5°	20.2	20.9	21.5	22.0	22.6	23.5	24.3	25.2	26.0	26.7	27.3
-85°	14.1	14.5	14.9	15.2	15.4	15.9	16.4	17.0	17.5	17.6	17.7
-87.5°	10.1	10.6	11.1	11.7	12.2	12.2	12.3	12.3	12.4	12.4	12.4
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	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°	9.0	9.0	9.9	10.7	9.9	9.0	9.0	9.0	9.0	9.0	9.0
87.5°	0.5	0.0	0.9	1.8	0.9	0.0	0.5	0.9	1.4	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	2.7	3.6	2.7	1.8	1.8	1.8	1.8	1.9	2.2
75°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.3	3.6
72.5°	8.7	8.9	9.0	9.0	9.0	8.9	8.7	8.4	8.1	7.9	8.2
70°	11.8	12.3	12.5	12.5	12.5	12.3	11.8	11.2	10.6	10.8	12.1
67.5°	14.1	14.2	14.3	14.3	14.3	14.2	14.1	13.9	13.6	13.8	15.1
65°	12.7	12.6	11.7	10.7	11.7	12.6	12.7	12.8	13.0	13.9	15.6
62.5°	10.4	10.7	10.7	10.7	10.7	10.7	10.4	10.2	10.1	11.4	13.4
60°	9.1	9.1	9.0	9.0	9.0	9.1	9.1	9.1	9.0	9.7	10.9
57.5°	9.0	9.0	9.7	10.7	9.7	9.0	9.0	9.0	9.0	9.2	9.6
55°	9.9	10.4	10.7	10.7	10.7	10.4	9.9	9.4	9.0	9.2	9.3
52.5°	11.3	10.9	10.7	10.7	10.7	10.9	11.3	11.4	11.1	10.8	10.6
50°	13.1	12.6	12.5	12.5	12.5	12.6	13.1	13.4	13.6	13.4	12.9
47.5°	17.1	16.4	16.0	16.1	16.0	16.4	17.1	17.5	17.7	17.3	16.2
45°	28.2	28.3	28.4	28.7	28.4	28.3	28.2	27.5	36.4	37.2	24.3
42.5°	66.5	57.5	49.7	50.2	49.7	57.5	66.5	69.2	100.8	114.7	111.1
40°	170.2	127.4	84.7	71.7	84.7	127.4	170.2	188.9	187.5	239.5	240.2
37.5°	175.2	178.8	210.3	283.0	210.3	178.8	175.2	194.0	191.3	160.5	187.4
35°	244.9	248.7	239.9	234.7	239.9	248.7	244.9	240.0	224.1	187.2	219.6
32.5°	520.8	543.9	541.0	526.7	541.0	543.9	520.8	512.7	472.2	435.4	425.4
30°	1121.7	1180.4	1174.0	1185.9	1174.0	1180.4	1121.7	1073.9	945.6	893.2	808.8
27.5°	2013.1	2085.7	2098.9	2083.4	2098.9	2085.7	2013.1	1946.9	1779.9	1664.0	1421.8
25°	3996.2	4110.8	4069.0	4014.5	4069.0	4110.8	3996.2	3585.0	2972.7	2810.3	2492.2
22.5°	10134.6	10588.4	10541.8	10159.1	10541.8	10588.4	10134.6	8236.0	6611.9	5251.5	4304.7
20°	27843.9	30840.0	32143.9	30376.8	32143.9	30840.0	27843.9	20950.4	17058.1	11329.3	8582.8
17.5°	58935.5	68064.1	74554.8	77263.2	74554.8	68064.1	58935.5	47135.2	36541.7	25444.1	16359.6
15°	96403.3	110144.8	118136.6	117062.9	118136.6	110144.8	96403.3	79768.1	61975.5	45065.2	27744.9
12.5°	138623.3	154910.2	168407.8	168693.8	168407.8	154910.2	138623.3	116613.1	90014.2	64840.1	42007.5
10°	179460.7	202065.5	220488.0	224058.0	220488.0	202065.5	179460.7	148704.3	119140.4	86273.1	55582.3
7.5°	210098.0	244750.8	267876.3	276350.0	267876.3	244750.8	210098.0	176699.9	139466.3	102448.3	68835.6
5°	240374.9	276685.5	300249.1	304429.4	300249.1	276685.5	240374.9	192739.0	152666.9	114648.9	77326.5
2.5°	260796.2	297423.9	318044.0	332346.6	318044.0	297423.9	260796.2	208744.6	164066.5	122783.5	83408.7
0°	272758.2	302602.1	336722.1	352575.1	336722.1	302602.1	272758.2	216399.8	169798.2	128089.0	86893.8
-2.5°	263713.9	297287.6	316821.9	334836.6	316821.9	297287.6	263713.9	212978.2	166017.2	125322.4	84469.1
-5°	233760.2	270273.4	287531.0	289782.9	287531.0	270273.4	233760.2	190267.8	152504.8	115915.6	78208.2
-7.5°	191009.6	225006.2	241575.4	250722.2	241575.4	225006.2	191009.6	159744.7	130324.2	98515.2	66495.6
-10°	154624.1	174464.0	185618.1	186352.6	185618.1	174464.0	154624.1	131780.5	106952.2	79645.5	52142.4
-12.5°	119378.0	132685.8	139282.8	139041.6	139282.8	132685.8	119378.0	101860.5	79308.7	58709.0	39691.5
-15°	87601.6	97940.5	103891.1	106744.4	103891.1	97940.5	87601.6	72963.0	56338.9	40189.7	26552.8
-17.5°	61832.1	70045.5	76008.1	78416.9	76008.1	70045.5	61832.1	50147.2	39168.0	27081.4	18306.9
-20°	42152.9	47781.9	51650.3	53292.5	51650.3	47781.9	42152.9	34276.2	26823.7	18989.7	13215.8



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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°	27765.6	31539.2	34191.5	34049.2	34191.5	31539.2	27765.6	23085.9	17904.8	13285.1	9648.9
-25°	17700.2	19775.1	21137.4	21247.8	21137.4	19775.1	17700.2	14802.0	11621.7	9567.8	7630.7
-27.5°	11715.2	12627.3	13177.0	13272.5	13177.0	12627.3	11715.2	10281.1	8647.2	7654.2	6628.5
-30°	8866.8	9286.6	9600.8	9587.6	9600.8	9286.6	8866.8	8156.7	7405.6	6703.8	6040.0
-32.5°	7371.2	7577.8	7715.4	7826.6	7715.4	7577.8	7371.2	6983.1	6526.9	6082.3	5658.0
-35°	6446.2	6551.4	6628.2	6698.1	6628.2	6551.4	6446.2	6249.7	5963.3	5662.6	5363.2
-37.5°	5921.2	5993.9	6042.1	6058.5	6042.1	5993.9	5921.2	5794.3	5573.8	5347.9	5085.4
-40°	5511.1	5552.1	5576.5	5591.0	5576.5	5552.1	5511.1	5439.6	5252.3	5043.9	4751.1
-42.5°	5203.4	5259.7	5288.8	5288.2	5288.8	5259.7	5203.4	5124.1	4901.4	4611.6	4209.2
-45°	4795.6	4937.9	5024.1	5060.7	5024.1	4937.9	4795.6	4598.7	4255.4	3831.4	3357.6
-47.5°	3856.6	4126.7	4316.3	4415.8	4316.3	4126.7	3856.6	3539.6	3152.8	2728.5	2312.8
-50°	2511.9	2602.3	2640.2	2624.4	2640.2	2602.3	2511.9	2418.2	2314.0	2190.4	2069.2
-52.5°	2182.1	2214.5	2234.2	2242.8	2234.2	2214.5	2182.1	2144.2	2092.9	2005.9	1915.6
-55°	1992.6	2028.6	2051.8	2063.7	2051.8	2028.6	1992.6	1949.6	1898.6	1807.3	1711.7
-57.5°	1723.9	1752.9	1770.7	1778.9	1770.7	1752.9	1723.9	1687.3	1643.4	1565.4	1481.6
-60°	1447.9	1471.8	1487.4	1495.8	1487.4	1471.8	1447.9	1418.6	1384.2	1327.5	1262.4
-62.5°	1199.2	1216.8	1232.3	1243.2	1232.3	1216.8	1199.2	1176.1	1147.4	1100.8	1043.2
-65°	953.8	969.4	980.7	987.1	980.7	969.4	953.8	933.4	908.2	870.2	821.4
-67.5°	716.8	729.6	740.2	747.0	740.2	729.6	716.8	700.3	680.1	651.6	614.9
-70°	499.9	509.3	518.5	524.9	518.5	509.3	499.9	487.4	472.1	451.7	424.6
-72.5°	301.0	306.9	309.7	309.9	309.7	306.9	301.0	292.9	282.7	268.9	249.4
-75°	134.3	134.6	137.4	139.7	137.4	134.6	134.3	133.0	130.6	126.4	118.3
-77.5°	64.7	65.8	67.1	68.1	67.1	65.8	64.7	63.4	61.9	59.9	56.9
-80°	40.3	41.0	41.2	41.2	41.2	41.0	40.3	39.5	38.6	37.6	36.6
-82.5°	28.0	28.6	28.7	28.7	28.7	28.6	28.0	27.3	26.7	26.0	25.2
-85°	17.8	17.9	17.9	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.0
-87.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4	12.4	12.4	12.3
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.0	9.0	9.0	8.6	8.1	7.7	7.2	7.2	7.2	7.2	7.2
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.1	2.1
80°	1.8	1.8	1.8	2.1	2.2	2.3	2.4	2.6	2.9	3.1	3.3
77.5°	2.5	2.7	2.8	3.1	3.4	3.6	3.9	4.1	4.3	4.5	4.5
75°	4.0	4.2	4.6	5.1	5.4	5.3	5.2	5.1	5.1	5.2	5.3
72.5°	8.3	8.2	8.5	9.0	9.1	9.4	9.5	8.9	7.9	6.4	5.4
70°	13.1	13.9	15.3	17.2	18.4	18.8	18.3	16.9	14.4	12.7	10.2
67.5°	16.4	17.8	20.5	23.8	25.9	27.5	28.8	29.2	27.8	25.1	18.0
65°	17.4	19.1	21.7	24.2	27.3	31.2	36.7	39.6	39.7	37.8	29.2
62.5°	15.4	17.6	19.7	22.1	24.9	29.2	35.5	41.3	46.7	48.2	39.2
60°	12.5	14.4	16.0	18.1	20.8	26.3	33.3	40.1	46.6	46.9	44.0
57.5°	10.2	11.4	13.1	14.6	15.8	20.7	28.3	37.7	45.5	44.1	42.3
55°	9.1	10.0	11.5	13.0	14.6	17.5	21.8	28.8	37.3	40.1	38.6
52.5°	10.6	10.8	11.2	11.9	13.4	15.4	18.0	22.9	27.2	31.1	33.6
50°	12.3	12.3	12.3	12.3	13.4	14.3	16.1	18.8	21.7	24.9	27.5
47.5°	16.0	15.9	14.6	14.2	16.3	15.5	16.2	17.4	20.2	21.1	23.8
45°	26.8	26.4	21.7	22.8	24.8	24.7	20.5	22.2	22.5	22.7	21.5
42.5°	86.9	60.2	45.8	41.3	39.2	39.0	36.5	34.0	31.6	28.1	28.2
40°	166.6	142.0	109.5	73.9	61.5	57.0	59.0	51.5	46.4	40.3	41.9
37.5°	182.3	129.5	149.7	138.2	100.8	93.9	96.1	82.4	64.3	75.1	73.3
35°	196.8	183.3	205.0	203.1	163.5	187.6	165.5	133.8	118.1	135.0	121.6
32.5°	370.0	381.6	361.7	341.4	344.5	340.8	301.7	226.3	228.5	227.4	200.0
30°	724.1	704.7	645.4	611.7	622.8	565.4	490.2	476.5	419.5	344.2	300.2
27.5°	1362.4	1170.4	1073.6	1092.8	1010.0	892.2	854.2	829.3	677.5	536.7	428.2
25°	2342.9	2031.1	1868.9	1784.7	1587.8	1420.0	1352.6	1260.2	1064.7	785.4	595.9
22.5°	3721.8	3375.2	3052.9	2673.4	2408.9	2198.3	1970.1	1750.4	1519.0	1144.0	850.3
20°	5996.8	5099.9	4493.7	3864.7	3376.1	3057.6	2675.1	2299.5	1980.8	1596.3	1142.9
17.5°	10579.3	7489.7	5972.3	5043.1	4394.3	3949.3	3342.1	2788.6	2423.5	2078.2	1456.2
15°	16319.6	10676.0	7706.6	6287.3	5308.0	4483.3	3862.6	3225.3	2848.7	2518.9	1833.8
12.5°	24796.7	14649.7	9312.2	7189.5	5862.8	4958.8	4302.5	3681.6	3193.0	2746.4	2103.1
10°	32519.4	19327.8	11744.8	8217.3	6465.2	5382.6	4585.6	3856.8	3286.7	2866.7	2327.7
7.5°	41704.9	24208.0	14158.4	9110.4	6979.3	5607.9	4635.4	3880.7	3342.2	2952.1	2508.9
5°	46996.4	27738.1	15816.6	9812.0	7413.7	5817.7	4655.2	3838.2	3364.3	3007.6	2648.7
2.5°	50054.2	29843.1	16773.1	10302.9	7732.6	6023.8	4708.4	3844.5	3391.4	3044.3	2702.5
0°	51818.1	29887.8	16973.6	10386.6	7801.6	6239.5	4818.9	3908.8	3414.4	3066.9	2721.1
-2.5°	50123.0	29892.5	16715.1	10216.0	7743.4	6211.8	4878.8	3978.3	3469.3	3079.9	2713.8
-5°	46755.5	27502.0	15584.4	9701.0	7385.2	5934.4	4776.0	3951.6	3455.9	3061.1	2675.1
-7.5°	40668.7	23796.6	13830.9	8969.8	6876.0	5544.1	4555.1	3813.7	3326.5	2956.1	2553.2
-10°	31821.2	18815.9	11353.0	7908.3	6222.8	5130.5	4297.8	3638.1	3180.6	2839.5	2408.5
-12.5°	24116.3	14207.1	8787.6	6643.2	5477.4	4668.6	4020.2	3448.8	3020.4	2713.7	2245.4
-15°	16188.1	10584.1	7502.7	5866.9	4874.0	4261.0	3783.0	3329.6	2962.3	2617.7	2067.7
-17.5°	12161.9	8105.9	6275.6	5270.2	4512.8	3978.9	3623.5	3269.9	2930.8	2541.4	1902.7
-20°	8980.5	6995.8	5705.4	4863.3	4267.0	3843.3	3509.0	3217.2	2880.6	2354.7	1702.6



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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°	7593.3	6326.5	5318.1	4566.1	4086.2	3728.2	3427.4	3149.8	2808.3	2108.2	1481.3
-25°	6621.4	5745.8	5024.3	4507.4	3991.4	3596.5	3347.0	3059.2	2530.2	1831.0	1274.5
-27.5°	5932.4	5310.8	4952.7	4487.0	4005.0	3563.7	3255.1	2916.8	2214.1	1575.6	1253.4
-30°	5508.0	5160.5	4843.9	4485.1	4021.8	3582.8	3188.2	2547.0	1891.5	1358.5	1238.0
-32.5°	5288.9	4981.0	4686.9	4390.0	3974.7	3524.2	2855.0	2150.6	1528.9	1333.3	1211.0
-35°	5064.2	4743.1	4446.5	4145.7	3820.1	3121.2	2408.5	1727.7	1424.3	1296.4	1174.7
-37.5°	4778.5	4436.2	4134.1	3788.7	3219.9	2559.6	1861.2	1530.1	1380.8	1248.6	1117.5
-40°	4411.2	4088.6	3609.9	3107.3	2508.5	1869.8	1625.9	1477.4	1337.3	1185.3	1047.9
-42.5°	3783.9	3346.2	2854.3	2299.3	1840.2	1698.6	1561.2	1428.0	1279.9	1119.0	975.4
-45°	2899.6	2444.6	2013.2	1878.0	1742.5	1621.2	1505.0	1355.9	1198.3	1044.8	900.8
-47.5°	2130.4	2003.6	1880.9	1773.3	1661.2	1541.8	1401.0	1257.6	1104.4	961.5	839.9
-50°	1960.4	1864.0	1769.8	1670.1	1537.6	1404.5	1272.6	1140.4	1006.3	887.3	772.7
-52.5°	1819.6	1713.8	1605.4	1493.8	1376.9	1254.0	1132.7	1028.2	917.9	804.6	698.4
-55°	1612.5	1514.1	1414.9	1313.2	1213.0	1116.2	1019.1	918.8	815.5	712.1	614.4
-57.5°	1396.1	1311.9	1231.3	1152.4	1076.0	983.3	886.5	792.9	702.5	609.8	524.2
-60°	1194.6	1125.5	1054.1	981.0	906.9	826.6	742.6	660.3	580.4	511.9	444.1
-62.5°	981.9	917.4	857.2	795.8	732.7	666.1	597.7	537.5	479.1	420.2	355.5
-65°	769.4	714.5	662.9	618.1	572.7	526.5	474.3	421.1	368.7	317.8	261.0
-67.5°	576.7	537.6	500.8	463.7	423.2	380.8	335.9	292.3	254.8	218.1	173.8
-70°	394.9	362.7	330.4	297.8	267.9	240.0	211.6	182.2	151.4	127.6	103.7
-72.5°	228.5	206.3	184.7	164.4	143.2	128.9	115.3	99.9	83.1	64.9	51.5
-75°	109.5	99.9	90.4	81.7	71.8	60.8	54.7	50.6	46.5	42.3	38.1
-77.5°	53.8	50.7	47.9	45.7	43.2	40.5	37.5	34.8	33.0	31.3	29.6
-80°	35.4	34.2	32.8	31.6	30.4	29.2	28.0	26.8	25.7	24.6	23.4
-82.5°	24.3	23.5	22.6	22.0	21.5	20.9	20.2	19.5	18.8	18.0	17.2
-85°	16.4	15.9	15.4	15.2	14.9	14.5	14.1	13.9	13.6	13.3	12.9
-87.5°	12.3	12.2	12.2	11.7	11.1	10.6	10.1	10.0	9.9	9.8	9.7
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
87.5°	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6	3.6	3.6
85°	2.0	2.1	2.1	2.1	2.4	2.7	3.2	3.6	3.6	3.6	3.6
82.5°	2.3	2.7	2.9	3.1	3.1	3.2	3.3	3.6	3.7	3.6	3.6
80°	3.2	3.2	3.4	3.6	3.6	3.6	3.5	3.6	3.9	3.9	3.9
77.5°	4.0	3.8	3.6	3.6	3.6	3.6	3.6	3.7	4.1	4.3	4.3
75°	4.8	4.2	3.8	3.7	3.7	3.6	3.6	3.7	4.2	4.6	4.7
72.5°	5.2	4.8	4.2	3.8	4.1	4.1	3.9	3.8	4.2	4.7	5.1
70°	7.7	5.8	5.1	4.7	4.6	4.7	4.6	4.3	4.3	4.7	5.1
67.5°	11.7	8.9	6.9	5.6	5.1	5.1	5.3	5.0	4.7	4.8	5.2
65°	21.0	14.1	8.8	7.0	5.8	5.3	5.4	5.4	5.1	5.0	5.2
62.5°	29.9	20.9	14.3	9.3	6.6	5.7	5.4	5.6	5.5	5.2	5.3
60°	39.1	29.2	20.3	14.3	9.0	5.8	5.6	5.9	5.8	5.4	5.4
57.5°	39.4	36.2	28.6	20.1	13.3	7.9	5.8	6.2	6.2	5.7	5.4
55°	37.6	35.7	34.2	27.3	18.4	11.5	7.3	6.6	6.6	6.2	5.5
52.5°	33.4	35.2	35.5	32.5	24.6	15.6	10.6	7.1	7.1	6.7	6.0
50°	29.0	33.7	36.4	34.9	30.1	21.5	13.6	9.5	7.7	7.2	6.5
47.5°	27.2	32.7	36.5	37.4	33.3	27.2	18.2	11.8	8.3	7.8	7.0
45°	27.5	32.0	36.9	38.7	37.0	31.2	23.3	14.0	10.1	8.4	7.5
42.5°	29.6	33.6	36.9	40.8	39.4	34.5	28.1	18.1	11.8	8.9	8.0
40°	40.2	37.5	38.3	42.7	42.3	37.7	31.2	22.3	13.3	9.7	8.4
37.5°	54.5	47.7	43.3	48.9	46.7	41.0	34.0	26.3	15.3	10.9	8.9
35°	92.9	64.0	63.6	63.8	55.5	44.9	36.6	29.6	19.0	12.0	9.3
32.5°	141.7	110.3	107.5	89.4	67.6	49.3	39.9	32.5	22.6	12.9	9.7
30°	236.0	212.2	168.0	122.5	86.6	60.8	44.6	35.5	26.3	13.8	10.2
27.5°	391.1	337.8	250.1	178.3	118.5	75.6	51.2	38.7	29.9	15.4	10.9
25°	551.4	483.4	372.0	249.9	155.3	105.6	58.7	42.0	32.8	18.3	11.6
22.5°	706.7	634.8	509.6	331.3	209.2	144.1	75.0	47.8	35.3	21.0	12.2
20°	857.8	789.9	650.4	405.5	272.4	191.3	103.1	54.1	37.8	23.6	12.7
17.5°	1024.7	909.2	729.6	492.5	335.2	238.9	135.5	60.8	40.3	26.0	13.1
15°	1229.8	979.8	805.8	569.8	391.1	286.4	171.2	67.5	42.7	28.3	13.6
12.5°	1413.3	1045.1	880.9	637.6	440.5	333.3	209.0	74.4	45.0	30.9	14.4
10°	1585.7	1105.1	953.4	696.1	484.2	379.1	247.6	82.0	48.7	33.8	15.2
7.5°	1743.1	1160.0	1021.6	745.6	519.9	410.6	271.5	91.3	52.5	36.5	15.9
5°	1871.6	1203.6	1069.2	779.3	537.5	425.8	288.8	100.4	56.2	39.0	16.6
2.5°	1932.0	1233.6	1098.4	804.6	552.4	437.7	301.6	108.8	59.6	41.2	17.3
0°	1963.4	1259.4	1117.8	822.3	564.3	446.1	309.9	116.4	62.7	43.0	17.9
-2.5°	1968.0	1265.1	1122.7	840.3	583.1	458.3	320.9	137.1	78.8	52.9	23.5
-5°	1943.3	1265.9	1119.2	850.4	598.2	467.1	328.2	156.5	94.2	62.1	28.9
-7.5°	1859.0	1246.7	1100.0	851.3	609.0	472.5	332.5	174.4	108.7	70.6	33.9
-10°	1740.0	1213.3	1063.0	836.8	619.1	480.1	336.0	190.4	121.9	78.2	38.4
-12.5°	1594.5	1175.7	1025.0	819.3	626.7	490.5	347.3	206.6	133.7	84.5	42.3
-15°	1423.5	1134.1	988.2	800.2	631.1	498.9	355.2	221.0	144.4	90.2	45.5
-17.5°	1235.6	1088.8	954.6	780.9	632.7	505.7	359.8	231.9	153.4	95.2	48.5
-20°	1193.9	1061.8	925.1	762.6	631.6	511.2	361.2	239.2	160.5	98.6	51.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1177.9	1049.7	906.0	754.2	630.0	515.6	359.5	242.5	165.4	100.2	52.4
-25°	1161.4	1035.1	884.5	742.4	629.7	509.5	358.4	241.5	168.2	99.9	52.7
-27.5°	1141.9	1014.5	857.6	723.7	617.0	500.0	356.1	243.7	168.4	97.6	51.7
-30°	1119.9	979.8	830.4	700.4	599.7	474.6	348.1	243.3	165.4	95.4	49.4
-32.5°	1088.7	939.5	796.6	677.7	571.1	446.7	330.1	239.8	159.6	92.6	47.7
-35°	1035.7	893.1	755.7	649.5	537.6	420.5	311.0	233.2	151.1	87.8	45.6
-37.5°	976.9	840.5	719.7	614.3	502.7	391.6	296.3	218.3	139.7	81.1	42.4
-40°	915.0	789.1	680.1	574.8	467.9	360.4	278.5	199.9	129.1	72.5	38.2
-42.5°	849.6	740.9	636.3	534.2	431.2	337.1	257.3	178.7	115.5	65.1	32.9
-45°	791.8	688.5	588.8	490.1	393.6	310.6	230.6	155.7	99.6	57.7	28.6
-47.5°	729.8	633.3	537.1	442.4	359.9	279.8	200.9	135.5	82.0	48.8	26.7
-50°	666.5	573.4	481.1	397.5	321.3	243.0	170.0	113.0	69.8	38.2	24.4
-52.5°	599.4	508.5	426.6	351.5	276.0	202.9	141.8	89.4	56.5	32.6	21.8
-55°	523.6	445.5	372.5	298.5	226.5	165.8	111.1	72.9	42.2	29.0	19.1
-57.5°	451.9	382.4	309.8	239.7	179.6	127.3	86.3	55.2	35.3	25.1	18.1
-60°	377.1	307.9	240.9	184.5	133.6	94.0	64.8	40.8	30.6	21.6	17.0
-62.5°	291.7	231.0	178.7	130.3	95.1	67.7	45.0	34.9	25.5	20.1	15.8
-65°	210.0	161.4	117.2	90.0	64.3	45.4	37.8	28.8	22.9	18.6	14.7
-67.5°	130.8	103.2	77.7	54.3	44.0	37.2	30.2	25.3	21.0	16.9	13.8
-70°	79.8	57.4	47.0	41.1	35.0	29.4	26.4	22.8	18.9	15.7	12.9
-72.5°	46.4	41.4	36.4	31.5	28.6	25.8	23.2	20.3	17.3	14.5	11.9
-75°	33.9	31.4	29.2	26.8	24.3	22.1	20.4	18.4	15.7	13.2	10.9
-77.5°	27.8	25.8	23.9	22.1	20.6	19.1	17.8	16.3	14.0	11.8	9.9
-80°	22.0	20.6	19.3	18.1	17.0	16.1	15.2	14.2	12.3	10.4	8.8
-82.5°	16.3	15.7	15.1	14.6	14.0	13.4	12.8	12.1	10.5	9.0	7.8
-85°	12.6	12.2	11.9	11.5	11.1	10.7	10.3	9.9	8.8	7.8	7.0
-87.5°	9.6	9.4	9.3	9.2	8.9	8.5	8.1	7.6	7.1	6.6	6.2
-90°	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6	3.6	3.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.4	5.4	5.4	5.4	5.4	4.5	3.6
87.5°	3.6	3.7	3.8	3.8	3.8	3.7	3.6
85°	3.6	3.8	3.9	4.0	3.9	3.8	3.6
82.5°	3.6	3.9	4.1	4.1	4.1	3.8	3.6
80°	3.7	4.0	4.2	4.3	4.2	3.9	3.6
77.5°	4.2	4.2	4.4	4.5	4.4	4.0	3.6
75°	4.6	4.5	4.6	4.7	4.5	4.1	3.6
72.5°	5.0	4.8	4.7	4.9	4.7	4.1	3.6
70°	5.4	5.0	4.9	5.0	4.8	4.2	3.6
67.5°	5.4	5.3	5.0	5.1	5.0	4.3	3.6
65°	5.4	5.4	5.2	5.2	5.1	4.4	3.6
62.5°	5.4	5.4	5.3	5.2	5.3	4.4	3.6
60°	5.4	5.4	5.4	5.3	5.4	4.5	3.6
57.5°	5.5	5.4	5.4	5.3	5.4	4.6	3.6
55°	5.6	5.4	5.4	5.3	5.4	4.6	3.6
52.5°	5.7	5.4	5.4	5.4	5.4	4.7	3.6
50°	5.9	5.6	5.4	5.4	5.4	4.8	3.6
47.5°	6.1	5.8	5.4	5.4	5.4	4.8	3.6
45°	6.6	6.0	5.4	5.4	5.4	4.9	3.6
42.5°	7.0	6.2	5.4	5.4	5.4	4.9	3.6
40°	7.4	6.4	5.5	5.4	5.4	5.0	3.6
37.5°	7.8	6.7	5.7	5.4	5.4	5.0	3.6
35°	8.1	6.9	5.9	5.4	5.4	5.1	3.6
32.5°	8.5	7.3	6.0	5.4	5.4	5.1	3.6
30°	8.8	7.5	6.2	5.4	5.4	5.2	3.6
27.5°	9.2	7.8	6.4	5.4	5.4	5.2	3.6
25°	9.5	8.1	6.5	5.4	5.4	5.2	3.6
22.5°	9.8	8.3	6.6	5.4	5.4	5.3	3.6
20°	10.0	8.4	6.8	5.4	5.4	5.3	3.6
17.5°	10.3	8.6	6.9	5.4	5.4	5.3	3.6
15°	10.6	8.7	7.0	5.4	5.4	5.3	3.6
12.5°	11.0	8.8	7.0	5.4	5.4	5.4	3.6
10°	11.3	8.9	7.1	5.4	5.4	5.4	3.6
7.5°	11.6	8.9	7.1	5.4	5.4	5.4	3.6
5°	11.9	9.0	7.2	5.4	5.4	5.4	3.6
2.5°	12.2	9.0	7.2	5.4	5.4	5.4	3.6
0°	12.5	9.0	7.2	5.4	5.4	5.4	3.6
-2.5°	14.6	9.8	7.5	5.6	5.5	5.4	3.6
-5°	16.7	10.5	7.8	5.9	5.6	5.4	3.6
-7.5°	18.6	11.2	8.1	6.1	5.6	5.4	3.6
-10°	20.4	11.9	8.3	6.3	5.7	5.4	3.6
-12.5°	21.9	12.4	8.6	6.5	5.8	5.4	3.6
-15°	23.1	12.9	8.8	6.7	5.8	5.3	3.6
-17.5°	24.1	13.3	9.0	6.9	5.9	5.3	3.6
-20°	24.9	13.7	9.2	7.1	5.9	5.3	3.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.7	13.8	9.4	7.2	6.0	5.3	3.6
-25°	26.0	14.0	9.5	7.4	6.0	5.3	3.6
-27.5°	25.6	14.1	9.7	7.5	6.0	5.2	3.6
-30°	24.5	14.0	9.8	7.6	6.1	5.2	3.6
-32.5°	22.8	13.8	9.9	7.6	6.1	5.2	3.6
-35°	21.9	13.4	9.9	7.7	6.1	5.2	3.6
-37.5°	21.3	13.0	10.0	7.7	6.0	5.1	3.6
-40°	20.5	13.0	9.9	7.7	6.0	5.1	3.6
-42.5°	19.5	12.9	9.8	7.6	6.0	5.1	3.6
-45°	18.1	12.7	9.7	7.5	5.9	5.1	3.6
-47.5°	16.6	12.5	9.6	7.4	5.9	5.0	3.6
-50°	15.9	12.1	9.4	7.3	5.8	5.0	3.6
-52.5°	15.4	11.7	9.2	7.2	5.7	5.0	3.6
-55°	14.7	11.4	9.0	7.0	5.6	4.9	3.6
-57.5°	14.0	11.0	8.8	6.9	5.5	4.9	3.6
-60°	13.2	10.6	8.5	6.7	5.4	4.9	3.6
-62.5°	12.6	10.2	8.2	6.5	5.4	4.9	3.6
-65°	11.9	9.7	7.8	6.3	5.4	4.8	3.6
-67.5°	11.2	9.2	7.5	6.1	5.4	4.8	3.6
-70°	10.5	8.7	7.1	5.8	5.4	4.8	3.6
-72.5°	9.7	8.1	6.7	5.7	5.4	4.7	3.6
-75°	8.9	7.5	6.3	5.7	5.4	4.7	3.6
-77.5°	8.1	6.9	6.1	5.7	5.4	4.7	3.6
-80°	7.3	6.5	6.0	5.6	5.4	4.6	3.6
-82.5°	6.8	6.3	5.9	5.6	5.4	4.6	3.6
-85°	6.3	6.0	5.7	5.5	5.4	4.6	3.6
-87.5°	5.9	5.7	5.6	5.5	5.4	4.5	3.6
-90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6

(END OF REPORT)