

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: P1306243 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-4S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

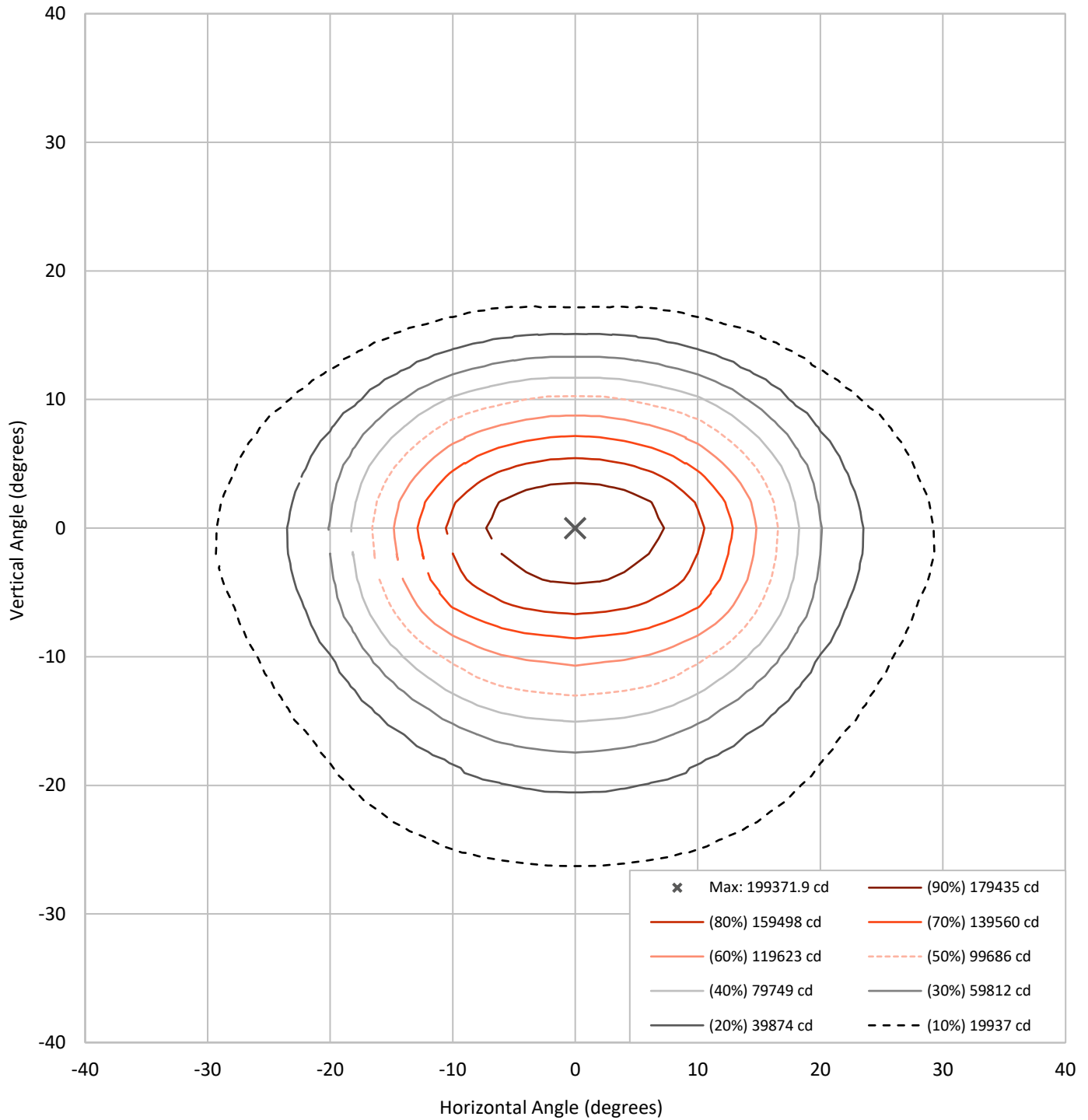
Test Method: LM-79-08  
Report Number: P1306243 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-70-4S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	52630.7 lumens	Max Intensity:	199371.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	26629.4 lumens	Field Lumens:	45389.4 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





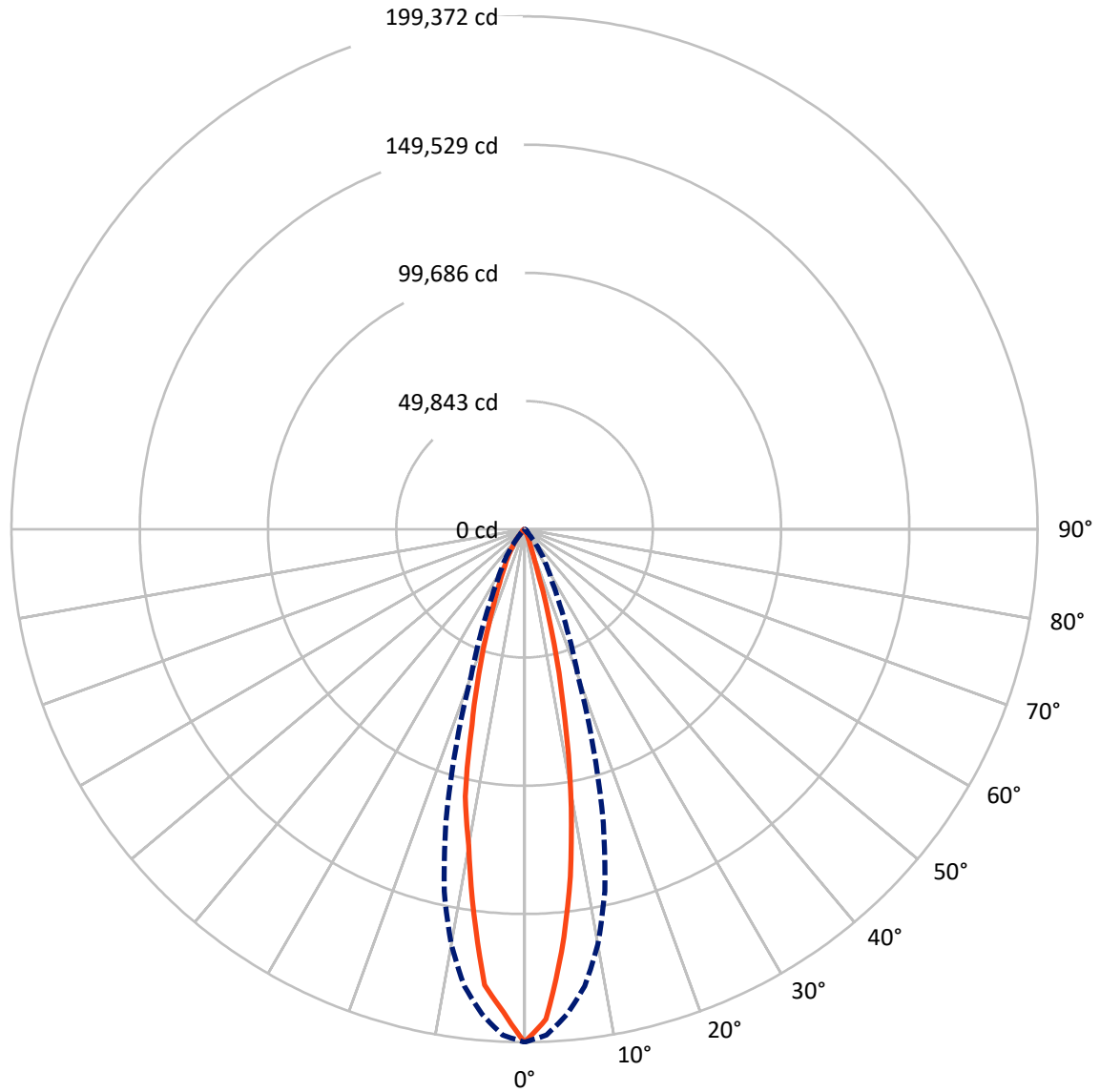
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### Lumen Table

90	0.2	0.5		0.7		0.7		0.5		0.7		0.7		0.5		0.2
80	0.2	0.5		0.7		0.7		0.5		0.7		0.7		0.5		0.2
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.4	0.2	0.1	0.2
60		0.1	0.3	0.8	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.8	0.3	0.1	
50	0.2	0.1	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.1	0.2
40		0.2	0.5	0.8	1.1	2.3	4.1	6.0	6.0	4.1	2.3	1.1	0.8	0.5	0.2	
30	0.2	0.4	1.4	2.9	7.9	22.0	45.5	75.5	75.5	45.5	22.0	7.9	2.9	1.4	0.4	0.2
20		0.9	4.5	11.9	71.0	221.9	676.2	1263.9	1263.9	676.2	221.9	71.0	11.9	4.5	0.9	
10	0.3	1.7	9.1	30.0	220.5	776.7	2689.0	4576.0	4576.0	2689.0	776.7	220.5	30.0	9.1	1.7	0.3
0		2.3	11.3	36.0	245.7	857.0	2961.8	4862.1	4862.1	2961.8	857.0	245.7	36.0	11.3	2.3	
-10	0.5	2.5	10.0	25.3	145.6	472.3	1310.7	2303.5	2303.5	1310.7	472.3	145.6	25.3	10.0	2.5	0.5
-20		2.3	8.4	16.9	60.9	236.1	486.6	708.6	708.6	486.6	236.1	60.9	16.9	8.4	2.3	
-30	0.4	1.9	7.0	13.2	24.7	73.5	166.9	236.9	236.9	166.9	73.5	24.7	13.2	7.0	1.9	0.4
-40		1.2	5.1	10.8	17.6	26.3	38.0	49.9	49.9	38.0	26.3	17.6	10.8	5.1	1.2	
-50	0.2	0.6	2.6	6.9	12.4	17.3	21.3	23.8	23.8	21.3	17.3	12.4	6.9	2.6	0.6	0.2
-60		0.3	1.0	2.6	5.2	8.4	11.2	12.9	12.9	11.2	8.4	5.2	2.6	1.0	0.3	
-70	0.2	0.6	2.6	6.9	12.4	17.3	21.3	23.8	23.8	21.3	17.3	12.4	6.9	2.6	0.6	0.2
-80		0.3	1.0	2.6	5.2	8.4	11.2	12.9	12.9	11.2	8.4	5.2	2.6	1.0	0.3	
-90	0.2	0.8		2.5		6.4		9.2		6.4		2.5		0.8		0.2

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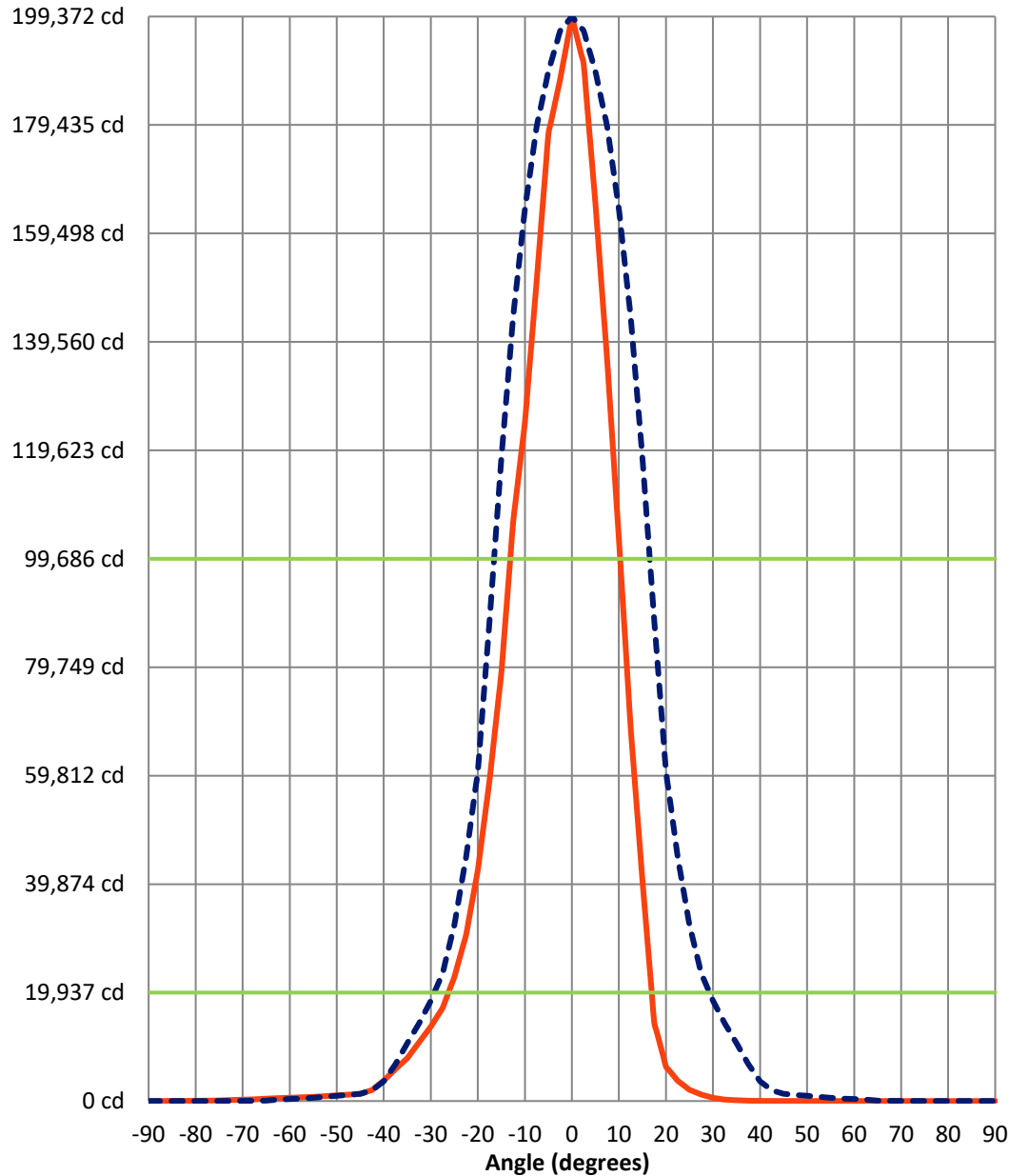
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 23.4°  
 Lumens: 26629.4  
 Efficiency: 50.6%

**Field:**  
 H Angle: 58.5°  
 V Angle: 43.2°  
 Lumens: 45389.4  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 7241.3  
 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°	7.3	8.2	9.1	8.7	8.2	7.8	7.3	7.8	8.2	8.6	9.1
87.5°	7.3	7.4	7.5	7.5	7.6	7.7	7.8	7.7	7.6	7.5	7.3
85°	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.1	7.9	7.7	7.3
82.5°	7.3	7.5	7.8	8.0	8.2	8.5	8.7	8.5	8.2	8.0	7.8
80°	7.3	7.6	7.9	8.2	8.5	8.9	9.1	8.8	8.6	8.5	8.5
77.5°	7.3	7.7	8.1	8.5	8.9	9.1	9.1	8.9	8.9	9.0	9.1
75°	7.3	7.8	8.2	8.7	9.1	9.1	9.1	9.0	9.1	9.1	9.1
72.5°	7.3	7.8	8.4	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1
70°	7.3	7.9	8.5	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
67.5°	7.3	8.0	8.7	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
65°	7.3	8.1	8.8	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
62.5°	7.3	8.1	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
60°	7.3	8.2	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
57.5°	7.3	8.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
55°	7.3	8.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
52.5°	7.3	8.4	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
50°	7.3	8.5	9.1	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.9
47.5°	7.3	8.5	9.1	9.1	9.1	9.1	9.1	9.3	9.1	9.1	10.7
45°	7.3	8.6	9.1	9.1	9.1	9.1	9.3	9.5	9.2	9.7	11.4
42.5°	7.3	8.6	9.1	9.1	9.1	9.1	9.4	9.6	9.3	10.2	11.8
40°	7.3	8.7	9.1	9.1	9.1	9.1	9.6	9.7	9.6	10.6	12.2
37.5°	7.3	8.7	9.1	9.1	9.1	9.1	9.9	9.8	10.1	11.2	12.6
35°	7.3	8.8	9.1	9.1	9.1	9.2	10.1	10.0	10.6	12.0	12.9
32.5°	7.3	8.8	9.1	9.1	9.1	9.4	10.3	10.1	11.1	13.0	14.2
30°	7.3	8.9	9.1	9.1	9.1	9.6	10.4	10.3	11.5	14.2	15.8
27.5°	7.3	8.9	9.1	9.1	9.1	9.8	10.5	10.6	12.2	15.5	17.6
25°	7.3	8.9	9.1	9.1	9.1	10.0	10.6	11.0	13.2	16.9	19.6
22.5°	7.3	9.0	9.1	9.1	9.1	10.2	10.7	11.4	14.3	18.5	23.4
20°	7.3	9.0	9.1	9.1	9.1	10.3	10.9	11.7	15.4	20.2	27.5
17.5°	7.3	9.0	9.1	9.1	9.1	10.5	11.0	12.0	16.5	21.9	31.7
15°	7.3	9.0	9.1	9.1	9.1	10.6	11.2	12.6	17.7	23.7	36.1
12.5°	7.3	9.1	9.1	9.1	9.1	10.7	11.4	13.5	19.4	25.5	40.5
10°	7.3	9.1	9.1	9.1	9.1	10.8	11.7	14.4	21.5	29.2	46.3
7.5°	7.3	9.1	9.1	9.1	9.1	10.8	11.9	15.4	23.5	33.4	55.0
5°	7.3	9.1	9.1	9.1	9.1	10.9	12.2	16.3	25.5	37.5	63.7
2.5°	7.3	9.1	9.1	9.1	9.1	10.9	12.4	17.3	27.4	41.6	72.1
0°	7.3	9.1	9.1	9.1	9.1	10.9	12.7	18.2	29.1	45.5	80.0
-2.5°	7.3	9.1	9.1	9.1	9.1	11.1	13.9	20.7	34.3	55.1	94.5
-5°	7.3	9.1	9.1	9.1	9.1	11.3	15.0	23.1	39.2	64.2	107.9
-7.5°	7.3	9.1	9.1	9.1	9.1	11.4	16.1	25.4	43.7	72.5	120.2
-10°	7.3	9.1	9.1	9.1	9.1	11.5	17.0	27.4	47.6	79.9	130.9
-12.5°	7.3	9.1	9.1	9.1	9.1	11.6	17.8	29.1	50.9	86.2	140.4
-15°	7.3	9.0	9.1	9.1	9.1	11.6	18.3	30.5	54.0	92.3	148.4
-17.5°	7.3	9.0	9.1	9.1	9.1	11.5	18.7	31.9	56.9	97.0	154.2
-20°	7.3	9.0	9.1	9.1	9.1	11.4	19.0	33.3	58.8	100.0	157.9



REPORT NUMBER: P1306243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-70-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.3	9.0	9.1	9.1	9.1	11.3	19.4	34.3	59.4	101.3	159.3
-25°	7.3	9.0	9.1	9.1	9.1	11.3	19.5	34.7	58.8	100.8	158.2
-27.5°	7.3	8.9	9.1	9.1	9.1	11.3	19.2	34.7	56.8	99.1	157.3
-30°	7.3	8.9	9.1	9.1	9.1	11.1	18.5	34.0	55.5	96.7	153.9
-32.5°	7.3	8.9	9.1	9.1	9.2	10.8	17.4	33.2	54.7	92.5	147.9
-35°	7.3	8.9	9.1	9.1	9.4	10.4	16.8	31.9	53.1	86.3	139.3
-37.5°	7.3	8.8	9.1	9.1	9.5	10.1	16.2	29.9	50.6	78.1	125.5
-40°	7.3	8.8	9.1	9.1	9.6	10.2	15.4	27.4	47.4	72.9	111.6
-42.5°	7.3	8.8	9.1	9.1	9.7	10.4	14.4	24.2	43.7	66.8	96.8
-45°	7.3	8.8	9.1	9.2	9.8	10.5	13.1	21.4	39.4	59.8	82.2
-47.5°	7.3	8.7	9.1	9.2	9.8	10.6	11.6	19.6	34.2	52.2	73.5
-50°	7.3	8.7	9.1	9.2	9.9	10.8	11.5	17.5	27.7	44.6	63.9
-52.5°	7.3	8.7	9.1	9.2	9.9	10.9	11.6	15.0	23.3	36.6	53.7
-55°	7.3	8.6	9.1	9.2	9.8	10.9	11.8	12.5	19.9	28.1	44.1
-57.5°	7.3	8.6	9.1	9.2	9.8	10.8	11.9	12.7	16.4	23.2	33.9
-60°	7.3	8.6	9.1	9.2	9.8	10.7	12.0	12.7	13.6	19.4	25.4
-62.5°	7.3	8.6	9.1	9.2	9.7	10.5	11.7	12.7	13.4	15.5	21.2
-65°	7.3	8.5	9.1	9.2	9.6	10.4	11.5	12.6	13.1	14.2	16.9
-67.5°	7.3	8.5	9.1	9.2	9.5	10.2	11.1	12.1	12.7	13.5	14.9
-70°	7.3	8.5	9.1	9.1	9.4	10.0	10.8	11.6	12.1	12.7	13.7
-72.5°	7.3	8.4	9.1	9.1	9.3	9.7	10.4	11.0	11.6	12.1	12.6
-75°	7.3	8.4	9.1	9.0	9.1	9.5	10.0	10.5	11.0	11.4	11.8
-77.5°	7.3	8.4	9.1	9.0	9.0	9.2	9.6	10.0	10.4	10.7	11.1
-80°	7.3	8.3	9.1	8.9	8.8	8.9	9.2	9.5	9.8	10.0	10.3
-82.5°	7.3	8.3	9.1	8.8	8.7	8.6	8.7	9.0	9.1	9.4	9.6
-85°	7.3	8.3	9.1	8.8	8.5	8.3	8.2	8.6	8.8	9.0	9.1
-87.5°	7.3	8.2	9.1	8.7	8.4	8.0	7.8	8.2	8.5	8.8	9.1
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



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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°	8.7	8.2	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.1	6.9	6.7
82.5°	7.8	7.8	7.6	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	8.5	8.3	7.8	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3
77.5°	8.8	8.3	7.9	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3
75°	8.8	8.4	7.9	7.5	7.3	7.3	7.4	7.7	7.9	7.9	7.8
72.5°	8.8	8.4	8.0	7.5	7.7	8.1	8.5	8.9	9.3	9.6	9.9
70°	8.9	8.5	8.3	8.4	8.8	9.3	10.1	11.1	12.0	12.7	13.8
67.5°	9.0	8.8	8.8	9.2	9.8	10.7	11.8	14.2	16.7	18.2	19.7
65°	9.1	9.0	9.3	9.9	10.8	13.1	15.8	18.7	23.2	25.8	26.9
62.5°	9.1	9.2	9.7	11.0	13.6	16.5	20.2	25.1	31.2	35.4	35.6
60°	9.1	9.3	10.8	13.4	16.3	19.8	24.7	31.6	40.5	47.2	43.0
57.5°	9.1	10.2	12.7	15.5	18.6	22.6	29.1	37.8	46.2	55.2	47.4
55°	9.6	11.6	14.1	16.9	20.5	24.9	31.6	39.0	48.2	50.9	42.0
52.5°	10.8	12.8	15.0	18.1	22.1	25.9	30.2	36.5	39.5	40.0	33.3
50°	11.8	13.4	15.5	18.9	22.7	25.5	26.4	30.1	30.4	27.5	23.9
47.5°	12.5	14.0	15.7	19.2	22.7	24.4	23.9	23.0	21.1	19.5	15.2
45°	13.0	14.6	16.1	19.6	22.5	23.1	21.0	16.7	17.4	15.5	14.3
42.5°	13.5	15.1	17.5	20.2	22.1	21.9	18.9	17.6	16.4	16.0	15.5
40°	13.9	15.6	19.2	21.6	22.1	21.4	21.6	20.6	17.7	18.9	19.1
37.5°	14.3	17.3	21.6	25.3	22.8	24.0	25.7	26.2	24.7	24.1	26.6
35°	14.7	19.2	26.5	30.5	28.2	29.1	32.6	34.0	34.4	34.3	36.1
32.5°	15.9	21.2	32.9	36.9	38.0	38.5	41.0	44.5	48.4	50.1	48.0
30°	18.4	27.2	40.3	44.6	49.3	56.1	54.5	57.2	66.1	69.8	73.1
27.5°	22.6	35.0	47.7	54.9	63.4	78.8	84.3	78.7	86.4	93.6	104.5
25°	27.3	54.7	56.0	66.7	85.7	109.0	123.8	130.2	113.3	125.9	155.2
22.5°	37.9	80.3	85.5	79.3	111.5	145.9	175.2	190.9	188.9	176.7	216.1
20°	56.7	106.3	120.1	122.6	147.2	188.2	233.9	260.6	285.9	329.9	445.4
17.5°	78.6	135.1	156.7	178.7	223.3	259.7	298.8	338.5	398.3	529.2	921.2
15°	103.0	166.1	195.0	239.7	306.0	367.1	414.7	450.3	556.0	830.3	1523.5
12.5°	128.9	198.7	234.6	304.2	393.2	479.9	547.5	619.1	797.1	1336.3	2481.1
10°	155.6	232.4	274.8	370.9	483.3	596.4	684.0	791.8	1069.9	1909.1	3526.3
7.5°	185.3	268.3	315.9	438.3	574.4	714.3	822.3	965.8	1348.3	2488.0	4578.0
5°	214.1	305.8	359.6	496.5	651.2	818.0	951.4	1137.8	1623.8	3049.2	5600.1
2.5°	240.6	342.2	402.5	549.7	715.6	896.8	1039.6	1240.8	1814.5	3417.8	6352.4
0°	263.8	376.6	443.9	598.5	775.0	969.6	1122.5	1335.3	1968.4	3640.3	6802.1
-2.5°	272.7	389.8	460.9	610.9	783.3	982.0	1137.7	1343.6	2015.6	3730.5	6868.3
-5°	277.7	400.0	475.8	619.0	786.1	986.8	1146.7	1343.4	2003.8	3652.3	6545.4
-7.5°	279.3	406.8	488.5	620.0	771.3	955.1	1101.9	1272.9	1845.9	3329.4	5849.4
-10°	277.7	405.8	484.7	597.1	732.8	899.4	1041.7	1195.9	1663.8	2924.4	5075.3
-12.5°	272.6	398.4	477.4	573.0	692.9	839.7	978.7	1113.8	1461.6	2442.2	4278.0
-15°	265.7	389.6	469.8	548.4	652.7	776.9	913.6	1027.5	1251.1	1927.9	3486.7
-17.5°	257.6	379.9	462.2	524.3	613.4	711.9	850.0	955.6	1095.9	1599.9	2850.0
-20°	248.7	369.6	455.1	501.3	576.8	662.5	788.7	896.1	1014.7	1341.4	2167.3



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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°	239.3	359.0	444.7	488.6	552.7	628.5	727.0	833.1	932.2	1056.0	1587.6
-25°	234.6	343.5	429.3	479.9	530.2	595.5	667.5	767.0	855.5	974.4	1281.2
-27.5°	232.4	328.9	411.0	470.2	508.3	565.5	625.0	701.8	803.1	908.3	1019.5
-30°	227.0	307.4	392.3	456.6	494.4	540.9	590.8	656.0	752.9	849.9	948.2
-32.5°	213.7	284.4	368.1	434.9	481.7	517.8	566.2	626.0	703.8	792.9	881.2
-35°	196.5	264.3	340.7	413.3	467.1	502.2	546.2	597.6	658.4	738.3	832.6
-37.5°	179.2	242.0	312.2	387.3	443.6	489.8	524.9	571.6	624.5	687.8	780.6
-40°	160.0	217.5	284.7	355.1	421.1	471.8	510.9	546.2	591.9	654.1	720.5
-42.5°	139.4	194.2	255.7	321.6	387.2	445.3	494.9	528.3	567.1	620.9	681.5
-45°	121.9	168.6	224.9	285.6	347.4	411.4	464.2	512.6	548.1	589.0	642.8
-47.5°	103.4	143.0	194.2	247.4	305.5	365.5	427.2	478.5	528.5	565.8	604.0
-50°	86.1	121.6	160.8	210.2	261.6	317.4	374.9	435.8	488.2	536.5	578.0
-52.5°	74.4	99.1	133.8	172.8	218.9	267.4	321.3	377.2	434.8	489.7	532.9
-55°	61.8	82.7	107.3	140.3	177.4	220.1	266.3	317.8	368.6	422.3	471.7
-57.5°	49.6	67.5	86.7	109.9	141.1	174.5	215.4	258.1	304.6	350.6	389.8
-60°	37.5	53.0	70.1	87.4	106.6	135.8	165.4	201.4	240.9	279.1	313.6
-62.5°	26.4	39.2	54.0	69.5	85.0	100.2	124.0	150.9	177.8	210.1	240.3
-65°	22.0	27.3	38.2	51.9	65.9	79.9	93.6	106.9	129.2	152.0	173.2
-67.5°	17.4	22.2	27.2	34.0	46.3	58.9	71.8	84.0	95.8	107.3	120.6
-70°	15.4	17.4	21.3	25.9	30.5	36.8	47.8	59.1	70.8	82.5	92.7
-72.5°	13.9	15.8	17.6	19.4	23.2	27.2	31.0	34.8	42.0	52.1	62.3
-75°	12.7	14.1	15.9	17.6	19.1	20.7	22.7	26.0	29.4	32.8	36.3
-77.5°	11.6	12.6	13.8	15.4	16.8	18.0	19.4	20.8	22.4	24.1	25.8
-80°	10.6	10.9	11.5	12.4	13.6	14.8	16.0	17.1	18.2	19.4	20.6
-82.5°	9.8	10.0	10.2	10.4	10.9	11.6	12.3	13.3	13.9	14.6	15.3
-85°	9.1	9.1	9.2	9.4	9.6	9.9	10.2	10.6	10.8	11.0	11.2
-87.5°	8.9	8.7	8.5	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9	6.4	6.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.3	8.2	9.1	10.0	10.9	11.8	12.7	13.7	14.6	15.5	16.4
87.5°	5.5	5.5	5.5	5.5	5.5	5.0	4.6	4.1	3.6	3.2	2.7
85°	6.7	6.4	6.2	5.9	5.5	5.0	4.6	4.1	3.6	3.2	2.7
82.5°	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	3.6	3.2	2.7
80°	7.3	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6	3.2	2.7
77.5°	7.3	7.0	6.5	6.1	5.6	5.1	4.6	4.2	3.7	3.6	3.5
75°	7.5	7.2	7.1	6.8	6.5	6.1	5.8	5.5	5.2	4.9	4.5
72.5°	10.1	10.0	9.8	9.5	9.0	8.5	8.2	7.7	7.1	6.6	6.3
70°	14.9	15.5	15.0	14.0	12.4	11.1	10.4	9.7	8.9	8.2	7.4
67.5°	20.7	20.7	19.2	17.3	14.7	12.4	11.4	10.5	9.5	9.0	8.9
65°	26.8	25.0	22.5	19.5	15.9	12.5	11.6	10.6	9.6	9.1	9.1
62.5°	33.6	28.0	22.6	18.6	15.3	12.5	11.2	9.9	8.7	7.8	7.6
60°	36.1	26.8	19.3	16.1	13.4	11.2	9.8	8.7	7.9	7.3	7.3
57.5°	35.0	23.9	15.6	12.9	10.9	9.5	8.6	7.7	6.9	6.1	5.9
55°	29.8	19.5	11.7	10.0	9.0	8.0	7.1	6.6	6.1	5.5	5.5
52.5°	21.9	15.0	10.5	8.8	8.3	7.8	7.2	7.1	6.9	6.7	6.5
50°	16.1	11.6	10.0	9.0	8.6	8.6	8.9	8.8	8.7	8.5	8.2
47.5°	13.1	11.3	10.2	9.2	9.4	10.3	10.6	10.7	10.5	10.3	10.1
45°	12.6	11.6	11.1	11.7	12.2	12.8	12.8	12.5	13.0	13.2	13.0
42.5°	13.9	14.1	15.1	16.0	15.4	16.5	17.5	17.5	18.4	19.0	19.0
40°	19.6	19.1	21.9	22.8	23.2	24.2	27.3	27.0	28.4	32.2	32.9
37.5°	28.1	29.7	31.5	33.3	38.2	41.3	47.4	52.2	54.8	62.1	67.8
35°	39.6	43.6	44.7	54.3	64.3	73.7	82.1	92.4	96.8	113.0	124.2
32.5°	56.1	64.3	75.3	91.3	110.1	132.5	131.5	165.7	178.0	211.3	249.5
30°	78.5	101.4	137.7	162.9	209.2	245.6	264.0	317.3	388.8	457.1	550.2
27.5°	127.7	175.8	241.5	328.3	373.4	428.3	511.2	574.9	738.2	894.2	1008.7
25°	219.7	320.6	444.7	572.7	652.9	724.8	876.4	987.6	1219.1	1392.9	1641.0
22.5°	420.0	635.8	792.8	887.8	1059.9	1284.9	1394.1	1699.9	2043.3	2481.6	2843.9
20°	707.7	1047.2	1397.2	1610.9	1807.3	2304.0	2521.7	3094.6	3824.4	4649.2	5336.8
17.5°	1384.9	1695.0	2407.4	3101.6	3623.7	4114.1	5490.5	6473.7	8381.9	10717.4	11794.6
15°	2485.0	3352.0	4183.2	5442.3	6774.8	8257.3	10417.1	14146.0	18829.5	23936.5	29460.6
12.5°	4028.7	5611.1	7098.1	8683.1	10590.6	14233.3	19157.8	25670.4	34085.8	43114.8	53539.9
10°	5762.9	8171.1	10343.1	12736.0	16123.1	21534.7	28833.8	38880.6	53867.1	69186.0	82473.8
7.5°	7315.9	10232.5	13178.7	16642.2	22011.2	29740.2	40241.4	55928.1	75499.0	94456.4	110620.6
5°	8804.0	12211.3	15569.4	19697.5	26464.1	36551.2	50141.7	71662.2	96403.2	117437.9	135153.1
2.5°	9963.6	13759.6	17602.5	22457.6	30177.6	41654.6	57090.7	83138.3	112999.6	136328.1	156584.3
0°	10627.9	14268.1	18439.6	23469.7	32353.0	44854.7	60685.5	88421.3	118160.1	144084.9	163880.7
-2.5°	10497.8	14312.3	18577.0	23665.6	32085.6	44088.3	59694.0	86152.0	115751.1	139122.1	158303.8
-5°	9835.1	13325.0	17084.9	21549.4	28979.0	39915.8	55238.4	80101.8	107571.5	130947.9	150443.3
-7.5°	8801.6	11887.8	15160.9	19046.8	25330.1	34846.7	48017.5	67376.7	91715.0	112886.8	127498.9
-10°	7673.7	10389.2	13342.9	16859.5	21815.3	29275.8	39255.1	53239.8	73145.5	90787.3	104341.1
-12.5°	6604.3	9072.9	11642.3	14578.8	18329.8	24205.9	31790.5	42231.2	55062.8	69564.6	83409.1
-15°	5578.6	7746.5	9988.7	12706.8	15969.0	19955.7	25054.5	32079.1	40509.4	50014.2	60267.5
-17.5°	4602.3	6505.8	8615.4	10988.7	13684.5	16730.4	21006.5	25823.5	31175.4	37368.5	43240.0
-20°	3610.6	5369.5	7283.7	9396.6	11815.2	14591.9	17634.6	21252.9	25125.0	29356.3	33748.6



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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°	2755.7	4254.4	5929.3	7852.9	10123.6	12571.2	14931.4	17306.3	20170.9	22961.6	25764.3
-25°	1929.7	3118.2	4682.0	6520.8	8448.8	10494.5	12246.2	13920.2	15909.5	17698.7	19561.8
-27.5°	1419.3	2235.8	3529.0	5159.9	6889.0	8292.1	9766.9	11140.0	12580.5	13716.0	15028.3
-30°	1082.3	1552.4	2513.4	3785.5	5172.8	6395.5	7533.6	8777.1	9961.5	10947.3	11772.3
-32.5°	987.1	1166.2	1652.7	2538.8	3541.6	4626.5	5611.3	6693.6	7687.1	8507.1	9163.8
-35°	927.7	1024.8	1166.6	1613.9	2202.0	3058.5	3880.2	4766.6	5590.1	6266.5	6810.3
-37.5°	876.9	962.2	1045.8	1129.9	1453.8	1815.1	2408.1	3049.7	3606.0	4224.5	4707.4
-40°	814.0	909.7	977.3	1046.4	1124.2	1214.6	1527.5	1808.5	2123.0	2559.8	2921.2
-42.5°	744.9	825.7	909.9	977.6	1037.6	1101.3	1172.2	1242.4	1387.1	1570.7	1720.1
-45°	699.5	752.7	813.9	890.8	960.9	1014.0	1066.7	1117.7	1166.0	1209.5	1245.8
-47.5°	650.7	695.8	745.5	798.3	850.2	909.2	964.6	1010.9	1047.6	1082.6	1113.9
-50°	607.2	640.6	682.5	723.5	764.4	806.3	847.7	883.4	918.8	950.8	981.9
-52.5°	572.0	600.1	627.7	655.1	688.4	720.8	751.4	778.9	804.0	825.8	848.7
-55°	512.8	548.2	583.4	607.9	628.9	649.2	669.3	692.1	712.0	729.1	745.2
-57.5°	432.3	475.2	514.4	543.1	570.3	595.8	613.6	626.6	639.3	651.3	662.3
-60°	347.0	379.1	416.6	453.5	487.4	518.2	538.1	555.0	569.2	581.2	591.8
-62.5°	268.1	295.7	326.3	356.0	383.4	410.5	436.8	459.8	479.5	496.2	509.9
-65°	195.3	219.4	245.5	270.6	294.8	318.6	340.4	360.3	378.2	394.3	409.2
-67.5°	139.1	156.7	175.6	192.7	211.9	232.7	253.3	271.8	288.1	301.1	310.8
-70°	102.3	112.3	124.7	139.3	155.3	170.2	185.0	199.2	212.8	224.4	234.9
-72.5°	72.6	83.0	92.9	102.1	112.0	121.8	131.9	142.3	153.0	162.0	169.8
-75°	39.8	45.0	53.3	61.5	69.4	76.9	83.6	89.5	94.6	98.9	102.5
-77.5°	28.3	31.7	35.2	38.6	41.8	45.8	50.0	54.2	58.3	61.6	64.6
-80°	21.9	23.7	25.8	28.0	30.2	33.0	35.8	38.7	41.5	43.5	45.4
-82.5°	16.0	17.4	18.8	20.2	21.5	23.2	24.9	26.6	28.3	29.4	30.5
-85°	11.4	12.3	13.3	14.3	15.3	16.9	18.4	19.9	21.4	22.4	23.4
-87.5°	8.8	9.3	9.9	10.4	10.9	12.2	13.6	15.0	16.3	16.8	17.3
-90°	5.5	5.5	5.5	5.5	5.5	5.0	4.6	4.1	3.6	3.2	2.7



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	17.3	18.2	18.2	18.2	18.2	18.2	17.3	16.4	15.5	14.6	13.7
87.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.1
85°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.1
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.1
80°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	4.1
77.5°	3.5	3.6	2.7	1.8	2.7	3.6	3.5	3.5	3.6	3.7	4.2
75°	4.1	3.6	2.7	1.8	2.7	3.6	4.1	4.5	4.9	5.2	5.5
72.5°	5.9	5.5	5.5	5.5	5.5	5.5	5.9	6.3	6.6	7.1	7.7
70°	6.5	5.6	5.5	5.5	5.5	5.6	6.5	7.4	8.2	8.9	9.7
67.5°	8.9	9.0	9.1	9.1	9.1	9.0	8.9	8.9	9.0	9.5	10.5
65°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.6	10.6
62.5°	7.5	7.4	7.3	7.3	7.3	7.4	7.5	7.6	7.8	8.7	9.9
60°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.9	8.7
57.5°	5.7	5.6	5.5	5.5	5.5	5.6	5.7	5.9	6.1	6.9	7.7
55°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.1	6.6
52.5°	6.2	5.7	5.5	5.5	5.5	5.7	6.2	6.5	6.7	6.9	7.1
50°	7.9	7.4	7.3	7.3	7.3	7.4	7.9	8.2	8.5	8.7	8.8
47.5°	9.7	9.3	9.1	9.1	9.1	9.3	9.7	10.1	10.3	10.5	10.7
45°	12.4	11.5	10.9	10.9	10.9	11.5	12.4	13.0	13.2	13.0	12.5
42.5°	18.8	18.4	18.0	18.2	18.0	18.4	18.8	19.0	19.0	18.4	17.5
40°	34.5	35.5	35.9	36.4	35.9	35.5	34.5	32.9	32.2	28.4	27.0
37.5°	70.9	69.6	66.4	67.3	66.4	69.6	70.9	67.8	62.1	54.8	52.2
35°	131.6	139.5	145.1	149.2	145.1	139.5	131.6	124.2	113.0	96.8	92.4
32.5°	263.7	274.5	271.3	265.6	271.3	274.5	263.7	249.5	211.3	178.0	165.7
30°	605.2	636.8	628.3	591.2	628.3	636.8	605.2	550.2	457.1	388.8	317.3
27.5°	1091.1	1167.4	1217.1	1191.6	1217.1	1167.4	1091.1	1008.7	894.2	738.2	574.9
25°	1854.9	2003.1	2109.2	2064.8	2109.2	2003.1	1854.9	1641.0	1392.9	1219.1	987.6
22.5°	3298.1	3541.6	3686.1	3723.9	3686.1	3541.6	3298.1	2843.9	2481.6	2043.3	1699.9
20°	6201.7	6395.8	6434.3	6338.2	6434.3	6395.8	6201.7	5336.8	4649.2	3824.4	3094.6
17.5°	14922.1	15818.3	15161.3	14471.9	15161.3	15818.3	14922.1	11794.6	10717.4	8381.9	6473.7
15°	34134.9	37919.8	40075.9	40515.8	40075.9	37919.8	34134.9	29460.6	23936.5	18829.5	14146.0
12.5°	60147.7	66247.1	68764.3	68529.1	68764.3	66247.1	60147.7	53539.9	43114.8	34085.8	25670.4
10°	90997.4	97518.4	103129.3	103186.1	103129.3	97518.4	90997.4	82473.8	69186.0	53867.1	38880.6
7.5°	121840.0	129360.5	134639.1	136144.9	134639.1	129360.5	121840.0	110620.6	94456.4	75499.0	55928.1
5°	148840.8	158151.5	163392.0	164992.3	163392.0	158151.5	148840.8	135153.1	117437.9	96403.2	71662.2
2.5°	172579.8	183985.9	189733.4	190626.9	189733.4	183985.9	172579.8	156584.3	136328.1	112999.6	83138.3
0°	179111.2	189278.8	196722.2	199371.9	196722.2	189278.8	179111.2	163880.7	144084.9	118160.1	88421.3
-2.5°	172672.2	181567.7	186004.0	187854.4	186004.0	181567.7	172672.2	158303.8	139122.1	115751.1	86152.0
-5°	162494.2	170795.7	176445.6	177754.1	176445.6	170795.7	162494.2	150443.3	130947.9	107571.5	80101.8
-7.5°	137136.3	145307.4	147846.0	150724.1	147846.0	145307.4	137136.3	127498.9	112886.8	91715.0	67376.7
-10°	114580.0	120936.6	122684.8	124723.8	122684.8	120936.6	114580.0	104341.1	90787.3	73145.5	53239.8
-12.5°	94805.2	101101.5	103951.9	106391.5	103951.9	101101.5	94805.2	83409.1	69564.6	55062.8	42231.2
-15°	69457.6	75375.5	77419.7	78739.4	77419.7	75375.5	69457.6	60267.5	50014.2	40509.4	32079.1
-17.5°	50313.9	54820.9	57499.2	59051.9	57499.2	54820.9	50313.9	43240.0	37368.5	31175.4	25823.5
-20°	37609.5	40192.3	42267.0	42495.1	42267.0	40192.3	37609.5	33748.6	29356.3	25125.0	21252.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28112.4	29650.9	30606.0	30548.3	30606.0	29650.9	28112.4	25764.3	22961.6	20170.9	17306.3
-25°	20982.6	22016.9	22674.7	22793.0	22674.7	22016.9	20982.6	19561.8	17698.7	15909.5	13920.2
-27.5°	15967.8	16696.0	17073.3	17093.4	17073.3	16696.0	15967.8	15028.3	13716.0	12580.5	11140.0
-30°	12371.1	12977.6	13379.9	13687.8	13379.9	12977.6	12371.1	11772.3	10947.3	9961.5	8777.1
-32.5°	9715.8	10233.5	10584.5	10793.4	10584.5	10233.5	9715.8	9163.8	8507.1	7687.1	6693.6
-35°	7283.9	7698.5	7946.6	7884.5	7946.6	7698.5	7283.9	6810.3	6266.5	5590.1	4766.6
-37.5°	5132.6	5484.1	5734.2	5892.5	5734.2	5484.1	5132.6	4707.4	4224.5	3606.0	3049.7
-40°	3234.1	3477.1	3650.1	3760.3	3650.1	3477.1	3234.1	2921.2	2559.8	2123.0	1808.5
-42.5°	1841.9	1932.8	1994.0	2026.6	1994.0	1932.8	1841.9	1720.1	1570.7	1387.1	1242.4
-45°	1273.9	1296.6	1313.0	1322.6	1313.0	1296.6	1273.9	1245.8	1209.5	1166.0	1117.7
-47.5°	1138.4	1157.0	1169.1	1175.2	1169.1	1157.0	1138.4	1113.9	1082.6	1047.6	1010.9
-50°	1009.9	1032.7	1046.5	1051.5	1046.5	1032.7	1009.9	981.9	950.8	918.8	883.4
-52.5°	870.2	888.7	901.1	907.8	901.1	888.7	870.2	848.7	825.8	804.0	778.9
-55°	759.3	771.1	777.2	778.6	777.2	771.1	759.3	745.2	729.1	712.0	692.1
-57.5°	671.6	679.1	685.2	689.5	685.2	679.1	671.6	662.3	651.3	639.3	626.6
-60°	600.4	606.9	610.3	611.3	610.3	606.9	600.4	591.8	581.2	569.2	555.0
-62.5°	520.5	528.3	534.3	538.5	534.3	528.3	520.5	509.9	496.2	479.5	459.8
-65°	422.7	434.5	440.7	443.9	440.7	434.5	422.7	409.2	394.3	378.2	360.3
-67.5°	318.5	324.5	326.0	325.6	326.0	324.5	318.5	310.8	301.1	288.1	271.8
-70°	244.6	253.5	256.8	258.3	256.8	253.5	244.6	234.9	224.4	212.8	199.2
-72.5°	176.9	183.2	186.8	189.2	186.8	183.2	176.9	169.8	162.0	153.0	142.3
-75°	105.6	108.2	109.8	111.0	109.8	108.2	105.6	102.5	98.9	94.6	89.5
-77.5°	67.6	70.4	71.7	72.8	71.7	70.4	67.6	64.6	61.6	58.3	54.2
-80°	47.1	48.8	49.0	49.1	49.0	48.8	47.1	45.4	43.5	41.5	38.7
-82.5°	31.6	32.6	32.7	32.7	32.7	32.6	31.6	30.5	29.4	28.3	26.6
-85°	24.4	25.4	25.5	25.5	25.5	25.4	24.4	23.4	22.4	21.4	19.9
-87.5°	17.7	18.2	19.1	20.0	19.1	18.2	17.7	17.3	16.8	16.3	15.0
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	4.1



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.7	11.8	10.9	10.0	9.1	8.2	7.3	7.3	7.3	7.3	7.3
87.5°	4.6	5.0	5.5	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3
85°	4.6	5.0	5.5	5.9	6.2	6.4	6.7	6.7	6.9	7.1	7.3
82.5°	4.6	5.1	5.5	6.0	6.4	6.9	7.3	7.3	7.3	7.3	7.3
80°	4.6	5.1	5.6	6.0	6.5	6.9	7.3	7.3	7.3	7.3	7.3
77.5°	4.6	5.1	5.6	6.1	6.5	7.0	7.3	7.3	7.3	7.3	7.3
75°	5.8	6.1	6.5	6.8	7.1	7.2	7.5	7.8	7.9	7.9	7.7
72.5°	8.2	8.5	9.0	9.5	9.8	10.0	10.1	9.9	9.6	9.3	8.9
70°	10.4	11.1	12.4	14.0	15.0	15.5	14.9	13.8	12.7	12.0	11.1
67.5°	11.4	12.4	14.7	17.3	19.2	20.7	20.7	19.7	18.2	16.7	14.2
65°	11.6	12.5	15.9	19.5	22.5	25.0	26.8	26.9	25.8	23.2	18.7
62.5°	11.2	12.5	15.3	18.6	22.6	28.0	33.6	35.6	35.4	31.2	25.1
60°	9.8	11.2	13.4	16.1	19.3	26.8	36.1	43.0	47.2	40.5	31.6
57.5°	8.6	9.5	10.9	12.9	15.6	23.9	35.0	47.4	55.2	46.2	37.8
55°	7.1	8.0	9.0	10.0	11.7	19.5	29.8	42.0	50.9	48.2	39.0
52.5°	7.2	7.8	8.3	8.8	10.5	15.0	21.9	33.3	40.0	39.5	36.5
50°	8.9	8.6	8.6	9.0	10.0	11.6	16.1	23.9	27.5	30.4	30.1
47.5°	10.6	10.3	9.4	9.2	10.2	11.3	13.1	15.2	19.5	21.1	23.0
45°	12.8	12.8	12.2	11.7	11.1	11.6	12.6	14.3	15.5	17.4	16.7
42.5°	17.5	16.5	15.4	16.0	15.1	14.1	13.9	15.5	16.0	16.4	17.6
40°	27.3	24.2	23.2	22.8	21.9	19.1	19.6	19.1	18.9	17.7	20.6
37.5°	47.4	41.3	38.2	33.3	31.5	29.7	28.1	26.6	24.1	24.7	26.2
35°	82.1	73.7	64.3	54.3	44.7	43.6	39.6	36.1	34.3	34.4	34.0
32.5°	131.5	132.5	110.1	91.3	75.3	64.3	56.1	48.0	50.1	48.4	44.5
30°	264.0	245.6	209.2	162.9	137.7	101.4	78.5	73.1	69.8	66.1	57.2
27.5°	511.2	428.3	373.4	328.3	241.5	175.8	127.7	104.5	93.6	86.4	78.7
25°	876.4	724.8	652.9	572.7	444.7	320.6	219.7	155.2	125.9	113.3	130.2
22.5°	1394.1	1284.9	1059.9	887.8	792.8	635.8	420.0	216.1	176.7	188.9	190.9
20°	2521.7	2304.0	1807.3	1610.9	1397.2	1047.2	707.7	445.4	329.9	285.9	260.6
17.5°	5490.5	4114.1	3623.7	3101.6	2407.4	1695.0	1384.9	921.2	529.2	398.3	338.5
15°	10417.1	8257.3	6774.8	5442.3	4183.2	3352.0	2485.0	1523.5	830.3	556.0	450.3
12.5°	19157.8	14233.3	10590.6	8683.1	7098.1	5611.1	4028.7	2481.1	1336.3	797.1	619.1
10°	28833.8	21534.7	16123.1	12736.0	10343.1	8171.1	5762.9	3526.3	1909.1	1069.9	791.8
7.5°	40241.4	29740.2	22011.2	16642.2	13178.7	10232.5	7315.9	4578.0	2488.0	1348.3	965.8
5°	50141.7	36551.2	26464.1	19697.5	15569.4	12211.3	8804.0	5600.1	3049.2	1623.8	1137.8
2.5°	57090.7	41654.6	30177.6	22457.6	17602.5	13759.6	9963.6	6352.4	3417.8	1814.5	1240.8
0°	60685.5	44854.7	32353.0	23469.7	18439.6	14268.1	10627.9	6802.1	3640.3	1968.4	1335.3
-2.5°	59694.0	44088.3	32085.6	23665.6	18577.0	14312.3	10497.8	6868.3	3730.5	2015.6	1343.6
-5°	55238.4	39915.8	28979.0	21549.4	17084.9	13325.0	9835.1	6545.4	3652.3	2003.8	1343.4
-7.5°	48017.5	34846.7	25330.1	19046.8	15160.9	11887.8	8801.6	5849.4	3329.4	1845.9	1272.9
-10°	39255.1	29275.8	21815.3	16859.5	13342.9	10389.2	7673.7	5075.3	2924.4	1663.8	1195.9
-12.5°	31790.5	24205.9	18329.8	14578.8	11642.3	9072.9	6604.3	4278.0	2442.2	1461.6	1113.8
-15°	25054.5	19955.7	15969.0	12706.8	9988.7	7746.5	5578.6	3486.7	1927.9	1251.1	1027.5
-17.5°	21006.5	16730.4	13684.5	10988.7	8615.4	6505.8	4602.3	2850.0	1599.9	1095.9	955.6
-20°	17634.6	14591.9	11815.2	9396.6	7283.7	5369.5	3610.6	2167.3	1341.4	1014.7	896.1



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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°	14931.4	12571.2	10123.6	7852.9	5929.3	4254.4	2755.7	1587.6	1056.0	932.2	833.1
-25°	12246.2	10494.5	8448.8	6520.8	4682.0	3118.2	1929.7	1281.2	974.4	855.5	767.0
-27.5°	9766.9	8292.1	6889.0	5159.9	3529.0	2235.8	1419.3	1019.5	908.3	803.1	701.8
-30°	7533.6	6395.5	5172.8	3785.5	2513.4	1552.4	1082.3	948.2	849.9	752.9	656.0
-32.5°	5611.3	4626.5	3541.6	2538.8	1652.7	1166.2	987.1	881.2	792.9	703.8	626.0
-35°	3880.2	3058.5	2202.0	1613.9	1166.6	1024.8	927.7	832.6	738.3	658.4	597.6
-37.5°	2408.1	1815.1	1453.8	1129.9	1045.8	962.2	876.9	780.6	687.8	624.5	571.6
-40°	1527.5	1214.6	1124.2	1046.4	977.3	909.7	814.0	720.5	654.1	591.9	546.2
-42.5°	1172.2	1101.3	1037.6	977.6	909.9	825.7	744.9	681.5	620.9	567.1	528.3
-45°	1066.7	1014.0	960.9	890.8	813.9	752.7	699.5	642.8	589.0	548.1	512.6
-47.5°	964.6	909.2	850.2	798.3	745.5	695.8	650.7	604.0	565.8	528.5	478.5
-50°	847.7	806.3	764.4	723.5	682.5	640.6	607.2	578.0	536.5	488.2	435.8
-52.5°	751.4	720.8	688.4	655.1	627.7	600.1	572.0	532.9	489.7	434.8	377.2
-55°	669.3	649.2	628.9	607.9	583.4	548.2	512.8	471.7	422.3	368.6	317.8
-57.5°	613.6	595.8	570.3	543.1	514.4	475.2	432.3	389.8	350.6	304.6	258.1
-60°	538.1	518.2	487.4	453.5	416.6	379.1	347.0	313.6	279.1	240.9	201.4
-62.5°	436.8	410.5	383.4	356.0	326.3	295.7	268.1	240.3	210.1	177.8	150.9
-65°	340.4	318.6	294.8	270.6	245.5	219.4	195.3	173.2	152.0	129.2	106.9
-67.5°	253.3	232.7	211.9	192.7	175.6	156.7	139.1	120.6	107.3	95.8	84.0
-70°	185.0	170.2	155.3	139.3	124.7	112.3	102.3	92.7	82.5	70.8	59.1
-72.5°	131.9	121.8	112.0	102.1	92.9	83.0	72.6	62.3	52.1	42.0	34.8
-75°	83.6	76.9	69.4	61.5	53.3	45.0	39.8	36.3	32.8	29.4	26.0
-77.5°	50.0	45.8	41.8	38.6	35.2	31.7	28.3	25.8	24.1	22.4	20.8
-80°	35.8	33.0	30.2	28.0	25.8	23.7	21.9	20.6	19.4	18.2	17.1
-82.5°	24.9	23.2	21.5	20.2	18.8	17.4	16.0	15.3	14.6	13.9	13.3
-85°	18.4	16.9	15.3	14.3	13.3	12.3	11.4	11.2	11.0	10.8	10.6
-87.5°	13.6	12.2	10.9	10.4	9.9	9.3	8.8	8.7	8.7	8.6	8.6
-90°	4.6	5.0	5.5	5.5	5.5	5.5	5.5	6.0	6.4	6.9	7.3



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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°	7.3	7.3	7.3	7.3	7.8	8.2	8.7	9.1	8.6	8.2	7.8
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.6	7.7
85°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.7	7.9	8.1
82.5°	7.3	7.3	7.3	7.3	7.6	7.8	7.8	7.8	8.0	8.2	8.5
80°	7.3	7.3	7.3	7.4	7.8	8.3	8.5	8.5	8.5	8.6	8.8
77.5°	7.3	7.3	7.3	7.4	7.9	8.3	8.8	9.1	9.0	8.9	8.9
75°	7.4	7.3	7.3	7.5	7.9	8.4	8.8	9.1	9.1	9.1	9.0
72.5°	8.5	8.1	7.7	7.5	8.0	8.4	8.8	9.1	9.1	9.1	9.1
70°	10.1	9.3	8.8	8.4	8.3	8.5	8.9	9.1	9.1	9.1	9.1
67.5°	11.8	10.7	9.8	9.2	8.8	8.8	9.0	9.1	9.1	9.1	9.1
65°	15.8	13.1	10.8	9.9	9.3	9.0	9.1	9.1	9.1	9.1	9.1
62.5°	20.2	16.5	13.6	11.0	9.7	9.2	9.1	9.1	9.1	9.1	9.1
60°	24.7	19.8	16.3	13.4	10.8	9.3	9.1	9.1	9.1	9.1	9.1
57.5°	29.1	22.6	18.6	15.5	12.7	10.2	9.1	9.1	9.1	9.1	9.1
55°	31.6	24.9	20.5	16.9	14.1	11.6	9.6	9.1	9.1	9.1	9.1
52.5°	30.2	25.9	22.1	18.1	15.0	12.8	10.8	9.1	9.1	9.1	9.1
50°	26.4	25.5	22.7	18.9	15.5	13.4	11.8	9.9	9.1	9.1	9.2
47.5°	23.9	24.4	22.7	19.2	15.7	14.0	12.5	10.7	9.1	9.1	9.3
45°	21.0	23.1	22.5	19.6	16.1	14.6	13.0	11.4	9.7	9.2	9.5
42.5°	18.9	21.9	22.1	20.2	17.5	15.1	13.5	11.8	10.2	9.3	9.6
40°	21.6	21.4	22.1	21.6	19.2	15.6	13.9	12.2	10.6	9.6	9.7
37.5°	25.7	24.0	22.8	25.3	21.6	17.3	14.3	12.6	11.2	10.1	9.8
35°	32.6	29.1	28.2	30.5	26.5	19.2	14.7	12.9	12.0	10.6	10.0
32.5°	41.0	38.5	38.0	36.9	32.9	21.2	15.9	14.2	13.0	11.1	10.1
30°	54.5	56.1	49.3	44.6	40.3	27.2	18.4	15.8	14.2	11.5	10.3
27.5°	84.3	78.8	63.4	54.9	47.7	35.0	22.6	17.6	15.5	12.2	10.6
25°	123.8	109.0	85.7	66.7	56.0	54.7	27.3	19.6	16.9	13.2	11.0
22.5°	175.2	145.9	111.5	79.3	85.5	80.3	37.9	23.4	18.5	14.3	11.4
20°	233.9	188.2	147.2	122.6	120.1	106.3	56.7	27.5	20.2	15.4	11.7
17.5°	298.8	259.7	223.3	178.7	156.7	135.1	78.6	31.7	21.9	16.5	12.0
15°	414.7	367.1	306.0	239.7	195.0	166.1	103.0	36.1	23.7	17.7	12.6
12.5°	547.5	479.9	393.2	304.2	234.6	198.7	128.9	40.5	25.5	19.4	13.5
10°	684.0	596.4	483.3	370.9	274.8	232.4	155.6	46.3	29.2	21.5	14.4
7.5°	822.3	714.3	574.4	438.3	315.9	268.3	185.3	55.0	33.4	23.5	15.4
5°	951.4	818.0	651.2	496.5	359.6	305.8	214.1	63.7	37.5	25.5	16.3
2.5°	1039.6	896.8	715.6	549.7	402.5	342.2	240.6	72.1	41.6	27.4	17.3
0°	1122.5	969.6	775.0	598.5	443.9	376.6	263.8	80.0	45.5	29.1	18.2
-2.5°	1137.7	982.0	783.3	610.9	460.9	389.8	272.7	94.5	55.1	34.3	20.7
-5°	1146.7	986.8	786.1	619.0	475.8	400.0	277.7	107.9	64.2	39.2	23.1
-7.5°	1101.9	955.1	771.3	620.0	488.5	406.8	279.3	120.2	72.5	43.7	25.4
-10°	1041.7	899.4	732.8	597.1	484.7	405.8	277.7	130.9	79.9	47.6	27.4
-12.5°	978.7	839.7	692.9	573.0	477.4	398.4	272.6	140.4	86.2	50.9	29.1
-15°	913.6	776.9	652.7	548.4	469.8	389.6	265.7	148.4	92.3	54.0	30.5
-17.5°	850.0	711.9	613.4	524.3	462.2	379.9	257.6	154.2	97.0	56.9	31.9
-20°	788.7	662.5	576.8	501.3	455.1	369.6	248.7	157.9	100.0	58.8	33.3



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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°	727.0	628.5	552.7	488.6	444.7	359.0	239.3	159.3	101.3	59.4	34.3
-25°	667.5	595.5	530.2	479.9	429.3	343.5	234.6	158.2	100.8	58.8	34.7
-27.5°	625.0	565.5	508.3	470.2	411.0	328.9	232.4	157.3	99.1	56.8	34.7
-30°	590.8	540.9	494.4	456.6	392.3	307.4	227.0	153.9	96.7	55.5	34.0
-32.5°	566.2	517.8	481.7	434.9	368.1	284.4	213.7	147.9	92.5	54.7	33.2
-35°	546.2	502.2	467.1	413.3	340.7	264.3	196.5	139.3	86.3	53.1	31.9
-37.5°	524.9	489.8	443.6	387.3	312.2	242.0	179.2	125.5	78.1	50.6	29.9
-40°	510.9	471.8	421.1	355.1	284.7	217.5	160.0	111.6	72.9	47.4	27.4
-42.5°	494.9	445.3	387.2	321.6	255.7	194.2	139.4	96.8	66.8	43.7	24.2
-45°	464.2	411.4	347.4	285.6	224.9	168.6	121.9	82.2	59.8	39.4	21.4
-47.5°	427.2	365.5	305.5	247.4	194.2	143.0	103.4	73.5	52.2	34.2	19.6
-50°	374.9	317.4	261.6	210.2	160.8	121.6	86.1	63.9	44.6	27.7	17.5
-52.5°	321.3	267.4	218.9	172.8	133.8	99.1	74.4	53.7	36.6	23.3	15.0
-55°	266.3	220.1	177.4	140.3	107.3	82.7	61.8	44.1	28.1	19.9	12.5
-57.5°	215.4	174.5	141.1	109.9	86.7	67.5	49.6	33.9	23.2	16.4	12.7
-60°	165.4	135.8	106.6	87.4	70.1	53.0	37.5	25.4	19.4	13.6	12.7
-62.5°	124.0	100.2	85.0	69.5	54.0	39.2	26.4	21.2	15.5	13.4	12.7
-65°	93.6	79.9	65.9	51.9	38.2	27.3	22.0	16.9	14.2	13.1	12.6
-67.5°	71.8	58.9	46.3	34.0	27.2	22.2	17.4	14.9	13.5	12.7	12.1
-70°	47.8	36.8	30.5	25.9	21.3	17.4	15.4	13.7	12.7	12.1	11.6
-72.5°	31.0	27.2	23.2	19.4	17.6	15.8	13.9	12.6	12.1	11.6	11.0
-75°	22.7	20.7	19.1	17.6	15.9	14.1	12.7	11.8	11.4	11.0	10.5
-77.5°	19.4	18.0	16.8	15.4	13.8	12.6	11.6	11.1	10.7	10.4	10.0
-80°	16.0	14.8	13.6	12.4	11.5	10.9	10.6	10.3	10.0	9.8	9.5
-82.5°	12.3	11.6	10.9	10.4	10.2	10.0	9.8	9.6	9.4	9.1	9.0
-85°	10.2	9.9	9.6	9.4	9.2	9.1	9.1	9.1	9.0	8.8	8.6
-87.5°	8.5	8.5	8.4	8.3	8.5	8.7	8.9	9.1	8.8	8.5	8.2
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	7.8	8.2	8.7	9.1	8.2	7.3
87.5°	7.8	7.7	7.6	7.5	7.5	7.4	7.3
85°	8.2	8.1	7.9	7.8	7.6	7.5	7.3
82.5°	8.7	8.5	8.2	8.0	7.8	7.5	7.3
80°	9.1	8.9	8.5	8.2	7.9	7.6	7.3
77.5°	9.1	9.1	8.9	8.5	8.1	7.7	7.3
75°	9.1	9.1	9.1	8.7	8.2	7.8	7.3
72.5°	9.1	9.1	9.1	8.9	8.4	7.8	7.3
70°	9.1	9.1	9.1	9.1	8.5	7.9	7.3
67.5°	9.1	9.1	9.1	9.1	8.7	8.0	7.3
65°	9.1	9.1	9.1	9.1	8.8	8.1	7.3
62.5°	9.1	9.1	9.1	9.1	9.0	8.1	7.3
60°	9.1	9.1	9.1	9.1	9.1	8.2	7.3
57.5°	9.1	9.1	9.1	9.1	9.1	8.3	7.3
55°	9.1	9.1	9.1	9.1	9.1	8.3	7.3
52.5°	9.1	9.1	9.1	9.1	9.1	8.4	7.3
50°	9.1	9.1	9.1	9.1	9.1	8.5	7.3
47.5°	9.1	9.1	9.1	9.1	9.1	8.5	7.3
45°	9.3	9.1	9.1	9.1	9.1	8.6	7.3
42.5°	9.4	9.1	9.1	9.1	9.1	8.6	7.3
40°	9.6	9.1	9.1	9.1	9.1	8.7	7.3
37.5°	9.9	9.1	9.1	9.1	9.1	8.7	7.3
35°	10.1	9.2	9.1	9.1	9.1	8.8	7.3
32.5°	10.3	9.4	9.1	9.1	9.1	8.8	7.3
30°	10.4	9.6	9.1	9.1	9.1	8.9	7.3
27.5°	10.5	9.8	9.1	9.1	9.1	8.9	7.3
25°	10.6	10.0	9.1	9.1	9.1	8.9	7.3
22.5°	10.7	10.2	9.1	9.1	9.1	9.0	7.3
20°	10.9	10.3	9.1	9.1	9.1	9.0	7.3
17.5°	11.0	10.5	9.1	9.1	9.1	9.0	7.3
15°	11.2	10.6	9.1	9.1	9.1	9.0	7.3
12.5°	11.4	10.7	9.1	9.1	9.1	9.1	7.3
10°	11.7	10.8	9.1	9.1	9.1	9.1	7.3
7.5°	11.9	10.8	9.1	9.1	9.1	9.1	7.3
5°	12.2	10.9	9.1	9.1	9.1	9.1	7.3
2.5°	12.4	10.9	9.1	9.1	9.1	9.1	7.3
0°	12.7	10.9	9.1	9.1	9.1	9.1	7.3
-2.5°	13.9	11.1	9.1	9.1	9.1	9.1	7.3
-5°	15.0	11.3	9.1	9.1	9.1	9.1	7.3
-7.5°	16.1	11.4	9.1	9.1	9.1	9.1	7.3
-10°	17.0	11.5	9.1	9.1	9.1	9.1	7.3
-12.5°	17.8	11.6	9.1	9.1	9.1	9.1	7.3
-15°	18.3	11.6	9.1	9.1	9.1	9.0	7.3
-17.5°	18.7	11.5	9.1	9.1	9.1	9.0	7.3
-20°	19.0	11.4	9.1	9.1	9.1	9.0	7.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.4	11.3	9.1	9.1	9.1	9.0	7.3
-25°	19.5	11.3	9.1	9.1	9.1	9.0	7.3
-27.5°	19.2	11.3	9.1	9.1	9.1	8.9	7.3
-30°	18.5	11.1	9.1	9.1	9.1	8.9	7.3
-32.5°	17.4	10.8	9.2	9.1	9.1	8.9	7.3
-35°	16.8	10.4	9.4	9.1	9.1	8.9	7.3
-37.5°	16.2	10.1	9.5	9.1	9.1	8.8	7.3
-40°	15.4	10.2	9.6	9.1	9.1	8.8	7.3
-42.5°	14.4	10.4	9.7	9.1	9.1	8.8	7.3
-45°	13.1	10.5	9.8	9.2	9.1	8.8	7.3
-47.5°	11.6	10.6	9.8	9.2	9.1	8.7	7.3
-50°	11.5	10.8	9.9	9.2	9.1	8.7	7.3
-52.5°	11.6	10.9	9.9	9.2	9.1	8.7	7.3
-55°	11.8	10.9	9.8	9.2	9.1	8.6	7.3
-57.5°	11.9	10.8	9.8	9.2	9.1	8.6	7.3
-60°	12.0	10.7	9.8	9.2	9.1	8.6	7.3
-62.5°	11.7	10.5	9.7	9.2	9.1	8.6	7.3
-65°	11.5	10.4	9.6	9.2	9.1	8.5	7.3
-67.5°	11.1	10.2	9.5	9.2	9.1	8.5	7.3
-70°	10.8	10.0	9.4	9.1	9.1	8.5	7.3
-72.5°	10.4	9.7	9.3	9.1	9.1	8.4	7.3
-75°	10.0	9.5	9.1	9.0	9.1	8.4	7.3
-77.5°	9.6	9.2	9.0	9.0	9.1	8.4	7.3
-80°	9.2	8.9	8.8	8.9	9.1	8.3	7.3
-82.5°	8.7	8.6	8.7	8.8	9.1	8.3	7.3
-85°	8.2	8.3	8.5	8.8	9.1	8.3	7.3
-87.5°	7.8	8.0	8.4	8.7	9.1	8.2	7.3
-90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)