

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: P1306361 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-80-4S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

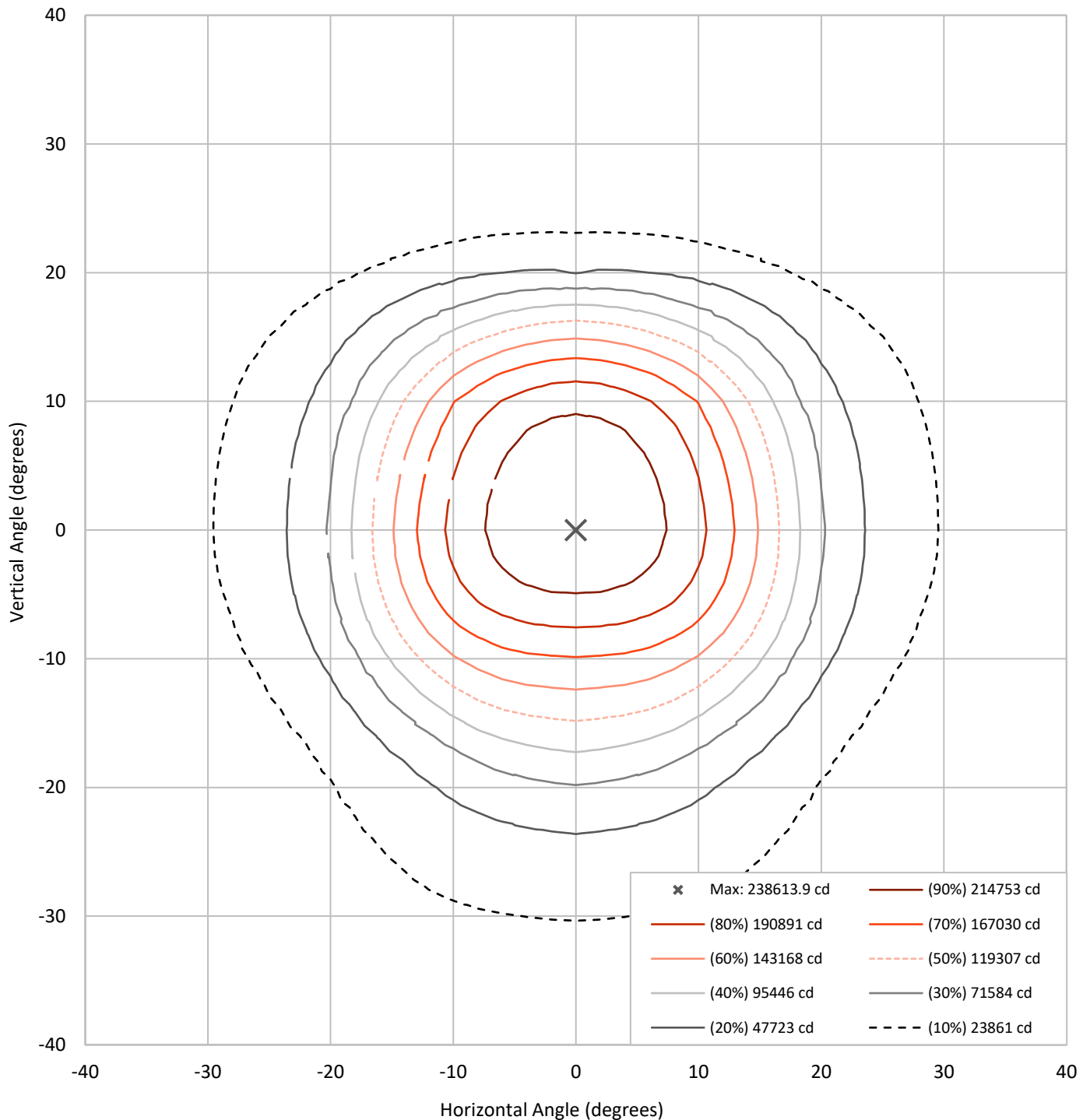
Test Method: LM-79-08  
Report Number: P1306361 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-50-80-4S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	81300.7 lumens	Max Intensity:	238613.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 31.1°V	Field Angle (10%):	59.1°H x 53.4°V
Beam Lumens:	44434 lumens	Field Lumens:	71597.6 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
Input Watts (W):	688		
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





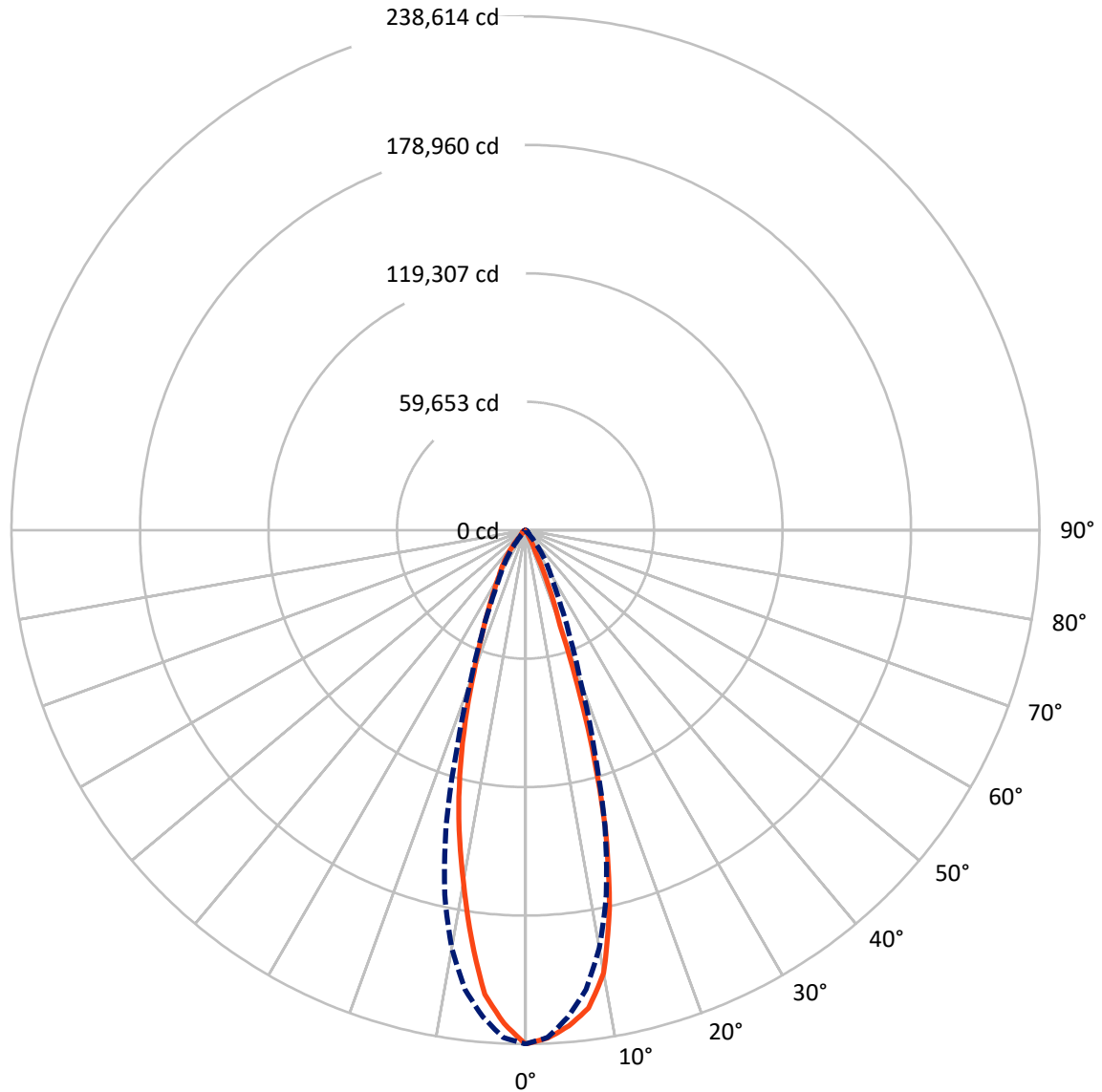
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### Lumen Table

90	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1									
80	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1									
70	0.1	0.1	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.1	0.1			
60		0.1	0.3	0.8	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.8	0.3	0.1				
50	0.1	0.1	0.4	0.6	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.4	0.1	0.1			
40		0.2	0.9	2.4	4.4	7.6	11.6	14.4	14.4	11.6	7.6	4.4	2.4	0.9	0.2				
30	0.1	0.4	4.0	12.2	48.3	150.7	301.7	489.9	489.9	301.7	150.7	48.3	12.2	4.0	0.4	0.1			
20		1.2	9.0	29.5	199.4	681.2	2033.0	3790.3	3790.3	2033.0	681.2	199.4	29.5	9.0	1.2				
10	0.2	2.0	12.4	42.1	310.7	1106.8	3795.5	6500.9	6500.9	3795.5	1106.8	310.7	42.1	12.4	2.0	0.2			
0		2.6	13.3	43.3	306.8	1067.7	3673.7	6051.2	6051.2	3673.7	1067.7	306.8	43.3	13.3	2.6				
-10	0.5	3.1	12.7	33.4	182.4	603.2	1853.9	3304.6	3304.6	1853.9	603.2	182.4	33.4	12.7	3.1	0.5			
-20		3.1	12.2	25.8	85.9	327.0	753.4	1201.9	1201.9	753.4	327.0	85.9	25.8	12.2	3.1				
-30	0.4	2.6	10.9	22.0	42.4	121.5	304.2	462.1	462.1	304.2	121.5	42.4	22.0	10.9	2.6	0.4			
-40		1.7	8.0	18.8	31.7	48.4	73.6	99.8	99.8	73.6	48.4	31.7	18.8	8.0	1.7				
-50	0.2	0.9	4.1	12.2	23.8	34.3	44.1	50.5	50.5	44.1	34.3	23.8	12.2	4.1	0.9	0.2			
-60		0.3	1.4	4.4	9.5	16.0	22.5	26.1	26.1	22.5	16.0	9.5	4.4	1.4	0.3				
-70	0.1	0.7	3.0	7.6	10.2	7.6	3.0	0.7	0.1							0.1			
-80		0.7	3.0	7.6	10.2	7.6	3.0	0.7	0.1										
-90	0.1	0.7	3.0	7.6	10.2	7.6	3.0	0.7	0.1										

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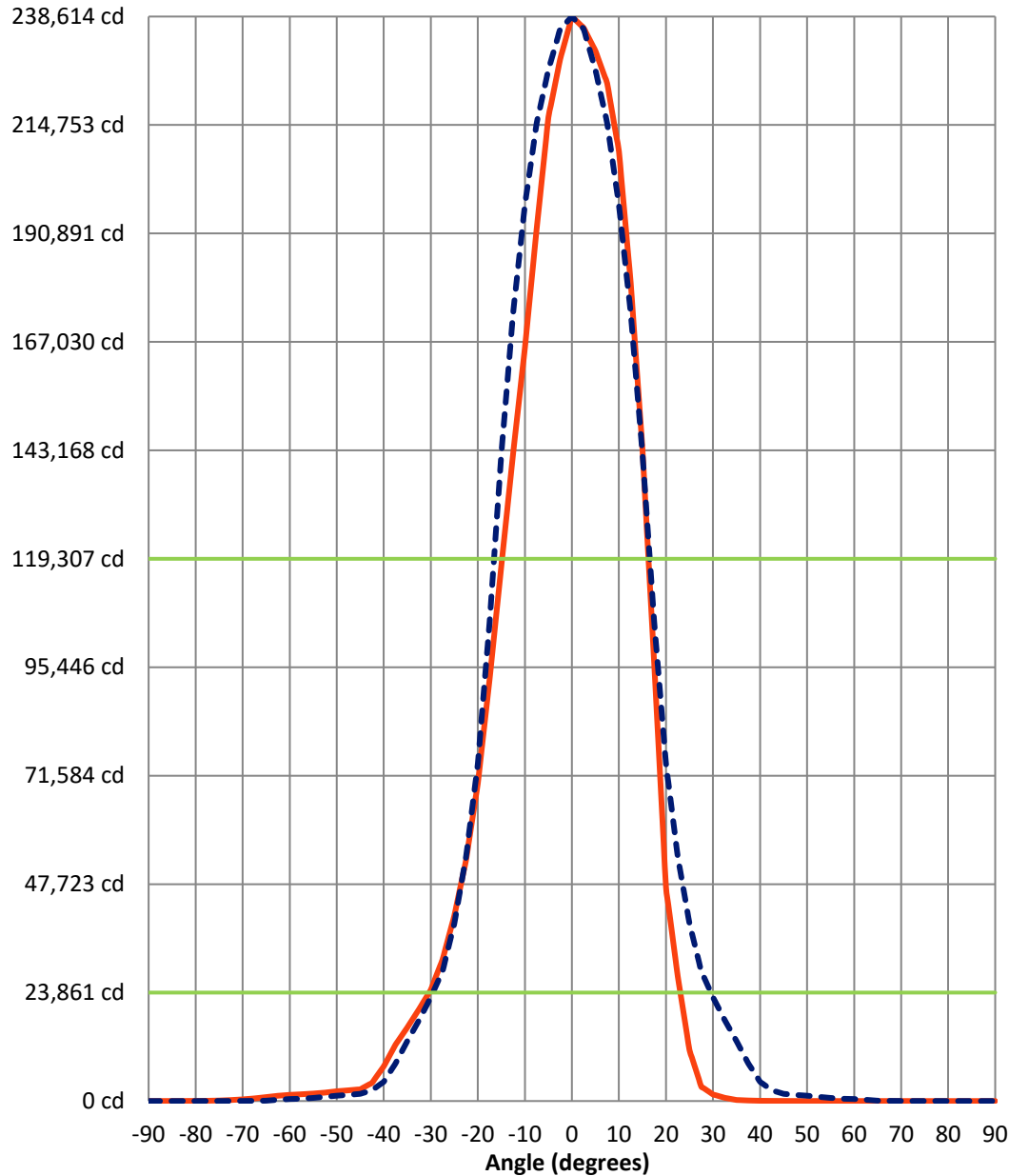
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 31.1°  
 Lumens: 44434  
 Efficiency: 54.7%

**Field:**  
 H Angle: 59.1°  
 V Angle: 53.4°  
 Lumens: 71597.6  
 Efficiency: 88.1%

**Spill:**  
 Lumens: 9703.1  
 Efficiency: 11.9%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 0-Deg



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
87.5°	4.1	3.1	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1
85°	4.1	3.2	2.5	2.5	2.4	2.3	2.1	2.1	2.1	2.1	2.1
82.5°	4.1	3.2	2.6	2.7	2.6	2.4	2.1	2.1	2.1	2.2	2.1
80°	4.1	3.3	2.8	2.9	2.8	2.6	2.2	2.4	2.5	2.4	2.1
77.5°	4.1	3.3	3.0	3.1	3.0	2.8	2.7	2.9	2.9	2.6	2.4
75°	4.1	3.4	3.2	3.3	3.2	3.1	3.2	3.4	3.3	3.1	3.2
72.5°	4.1	3.4	3.3	3.5	3.4	3.4	3.7	3.8	3.6	3.6	4.0
70°	4.1	3.5	3.5	3.7	3.5	3.7	4.1	3.9	3.9	4.1	4.1
67.5°	4.1	3.5	3.7	3.8	3.7	4.0	4.1	4.0	4.1	4.1	4.1
65°	4.1	3.6	3.8	3.8	3.8	4.1	4.1	4.1	4.1	4.1	4.1
62.5°	4.1	3.6	4.0	3.9	4.0	4.1	4.1	4.1	4.1	4.1	4.1
60°	4.1	3.7	4.1	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1
57.5°	4.1	3.7	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1
55°	4.1	3.8	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1
52.5°	4.1	3.8	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
50°	4.1	3.8	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	5.4
47.5°	4.1	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	6.7
45°	4.1	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.2	5.2	8.0
42.5°	4.1	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.3	6.4	9.7
40°	4.1	3.9	4.1	4.1	4.1	4.1	4.1	4.3	4.8	7.5	11.5
37.5°	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.6	5.8	8.8	13.2
35°	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.8	6.9	10.5	14.8
32.5°	4.1	4.0	4.1	4.1	4.1	4.1	4.2	5.1	7.8	12.0	16.3
30°	4.1	4.0	4.1	4.1	4.1	4.1	4.4	5.5	8.7	13.5	18.1
27.5°	4.1	4.0	4.1	4.1	4.1	4.1	4.6	6.3	9.7	14.9	20.2
25°	4.1	4.1	4.1	4.1	4.1	4.1	4.9	7.0	10.9	16.4	22.7
22.5°	4.1	4.1	4.1	4.1	4.1	4.1	5.1	7.7	12.0	18.2	27.5
20°	4.1	4.1	4.1	4.1	4.1	4.3	5.4	8.3	13.0	20.1	32.8
17.5°	4.1	4.1	4.1	4.1	4.1	4.5	5.8	8.8	13.9	22.1	38.4
15°	4.1	4.1	4.1	4.1	4.1	4.7	6.2	9.5	14.7	24.0	44.2
12.5°	4.1	4.1	4.1	4.1	4.1	4.9	6.6	10.4	16.0	26.0	50.0
10°	4.1	4.1	4.1	4.1	4.1	5.2	6.9	11.3	17.8	29.5	56.1
7.5°	4.1	4.1	4.1	4.1	4.1	5.4	7.3	12.1	19.7	33.2	62.5
5°	4.1	4.1	4.1	4.1	4.1	5.7	7.6	13.0	21.4	36.8	68.3
2.5°	4.1	4.1	4.1	4.1	4.1	6.0	7.9	13.7	23.1	40.2	73.6
0°	4.1	4.1	4.1	4.1	4.1	6.2	8.2	14.4	24.7	43.3	78.3
-2.5°	4.1	4.1	4.1	4.1	4.3	6.9	10.1	18.3	33.2	58.4	100.9
-5°	4.1	4.1	4.1	4.1	4.5	7.5	12.0	21.9	41.3	72.9	122.4
-7.5°	4.1	4.1	4.1	4.1	4.6	8.1	13.7	25.4	48.9	86.4	142.4
-10°	4.1	4.1	4.1	4.1	4.8	8.6	15.3	28.6	55.6	98.5	160.5
-12.5°	4.1	4.1	4.1	4.1	4.9	9.1	16.7	31.3	61.3	108.9	176.5
-15°	4.1	4.1	4.1	4.1	5.0	9.4	17.9	33.7	66.0	116.9	189.6
-17.5°	4.1	4.1	4.1	4.1	5.1	9.7	18.8	35.9	69.6	122.9	199.3
-20°	4.1	4.1	4.1	4.1	5.2	9.8	19.6	37.8	71.8	126.7	205.2



REPORT NUMBER: P1306361 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-50-80-4S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.1	4.1	4.1	4.1	5.2	9.9	20.3	39.1	72.6	128.0	207.0
-25°	4.1	4.1	4.1	4.1	5.2	9.9	20.7	39.6	71.8	126.8	204.5
-27.5°	4.1	4.1	4.1	4.1	5.2	9.9	20.6	39.4	69.4	124.0	202.6
-30°	4.1	4.1	4.1	4.1	5.1	9.7	20.0	38.4	67.8	121.1	197.4
-32.5°	4.1	4.1	4.1	4.1	5.2	9.3	19.0	37.5	66.5	115.8	188.5
-35°	4.1	4.1	4.1	4.1	5.2	8.8	18.3	36.2	64.1	108.3	175.9
-37.5°	4.1	4.1	4.1	4.1	5.2	8.3	17.5	34.3	60.5	98.4	160.3
-40°	4.1	4.1	4.1	4.1	5.1	8.3	16.5	31.6	55.6	91.3	144.6
-42.5°	4.1	4.1	4.1	4.1	5.2	8.2	15.2	28.3	51.2	83.3	126.5
-45°	4.1	4.1	4.1	4.2	5.3	8.0	13.5	25.2	46.5	74.1	107.7
-47.5°	4.1	4.1	4.1	4.2	5.3	7.8	11.6	22.8	40.9	64.1	96.3
-50°	4.1	4.1	4.1	4.2	5.3	7.6	11.0	20.1	33.8	55.8	83.7
-52.5°	4.1	4.1	4.1	4.3	5.2	7.3	10.6	17.0	28.6	46.6	70.4
-55°	4.1	4.1	4.1	4.3	5.2	7.1	10.2	13.9	24.2	36.5	58.6
-57.5°	4.1	4.1	4.1	4.3	5.0	6.8	9.6	13.2	19.7	30.0	45.8
-60°	4.1	4.1	4.1	4.3	4.9	6.5	9.0	12.3	15.7	24.6	34.5
-62.5°	4.1	4.1	4.1	4.2	4.8	6.1	8.4	11.4	14.5	18.9	28.1
-65°	4.1	4.1	4.1	4.2	4.7	5.7	7.7	10.4	13.2	16.4	21.4
-67.5°	4.1	4.1	4.1	4.2	4.6	5.3	7.0	9.3	11.8	14.7	17.9
-70°	4.1	4.1	4.1	4.1	4.4	5.1	6.1	8.3	10.6	12.9	15.8
-72.5°	4.1	4.1	4.1	4.1	4.3	4.8	5.6	7.2	9.4	11.5	13.7
-75°	4.1	4.1	4.1	4.1	4.1	4.5	5.2	6.5	8.1	10.1	12.1
-77.5°	4.1	4.1	4.1	4.1	4.1	4.2	4.7	5.8	7.2	8.7	10.5
-80°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	5.1	6.2	7.5	8.9
-82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.5	5.2	6.2	7.2
-85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.4	4.8	5.3	5.9
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.5	4.7	5.0
-90°	4.1	3.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.5	2.7	2.9
80°	2.1	2.1	2.2	2.1	2.3	2.6	3.1	3.7	4.0	4.1	4.1
77.5°	2.6	2.6	2.5	2.2	2.5	3.0	3.5	4.0	4.1	4.1	4.1
75°	3.3	3.2	2.8	2.3	2.4	2.9	3.4	3.9	4.1	4.1	4.1
72.5°	3.8	3.3	2.8	2.4	2.7	3.4	3.9	4.1	5.1	6.3	7.1
70°	3.9	3.4	3.2	3.3	3.7	4.5	6.3	8.6	10.8	11.7	12.4
67.5°	4.0	3.7	3.8	4.3	5.7	7.8	10.4	13.6	16.9	18.0	19.2
65°	4.1	4.0	4.6	6.0	8.0	11.2	14.7	18.5	24.1	26.9	28.2
62.5°	4.1	4.4	5.5	7.7	11.1	14.8	19.5	25.7	33.1	37.9	37.8
60°	4.1	4.6	6.8	10.3	14.1	18.5	24.6	33.1	43.7	51.3	46.2
57.5°	4.1	5.5	8.8	12.6	16.8	21.7	30.2	40.7	50.4	60.5	51.8
55°	4.7	7.0	10.6	14.7	19.6	25.5	33.8	42.1	52.6	56.4	47.2
52.5°	6.3	8.6	12.2	16.9	22.8	27.6	32.2	39.5	43.5	45.3	38.9
50°	7.8	10.4	13.7	19.5	24.6	27.3	27.9	32.4	34.3	32.7	29.7
47.5°	9.6	12.3	15.7	21.3	24.8	26.0	25.0	25.9	25.8	25.5	21.4
45°	11.4	14.5	18.1	22.0	24.6	24.3	23.8	20.9	23.7	22.9	21.1
42.5°	13.3	16.6	20.3	22.9	23.5	24.8	24.6	25.5	25.5	26.7	28.9
40°	15.1	18.6	22.8	24.6	24.0	27.8	33.3	36.1	32.4	39.1	44.9
37.5°	16.6	21.2	26.6	30.7	28.4	36.7	45.7	60.2	62.3	57.9	74.0
35°	18.0	24.1	35.2	45.0	47.5	51.3	76.7	99.8	114.1	105.8	118.0
32.5°	20.2	27.3	47.0	68.4	85.3	90.0	116.7	165.2	193.5	198.4	190.3
30°	23.7	38.3	64.8	97.9	135.7	169.7	193.1	248.5	294.8	345.2	375.2
27.5°	29.1	52.7	93.1	144.5	201.6	265.0	317.7	360.4	445.1	530.9	604.7
25°	35.3	81.8	125.6	202.8	293.4	381.0	454.3	519.9	631.3	765.3	989.4
22.5°	50.5	119.2	179.8	268.3	395.6	506.4	605.4	707.2	843.3	1023.8	1492.5
20°	77.8	165.9	241.5	335.8	501.0	637.2	762.7	890.9	1061.3	1439.3	2467.7
17.5°	109.2	214.7	301.0	410.2	579.6	752.8	925.1	1066.2	1272.7	1830.5	3541.5
15°	143.8	264.9	354.7	478.3	654.0	842.5	1035.0	1237.1	1551.8	2351.8	4560.8
12.5°	180.3	315.7	403.0	540.0	724.0	927.8	1123.2	1342.0	1803.9	3142.7	5857.6
10°	217.5	366.2	446.7	595.5	788.8	1007.9	1201.9	1430.3	2001.2	3648.9	6763.1
7.5°	241.3	402.1	482.3	644.9	848.1	1081.8	1271.5	1503.2	2168.6	3970.2	7396.1
5°	259.3	420.4	494.1	667.2	887.1	1135.7	1325.4	1561.6	2303.4	4127.4	7833.5
2.5°	273.0	434.7	503.6	680.5	910.9	1160.9	1341.5	1583.6	2359.2	4222.3	8136.6
0°	282.3	445.1	511.1	688.3	927.4	1176.7	1349.8	1595.1	2367.9	4249.4	8284.4
-2.5°	297.8	453.3	526.5	702.2	936.1	1181.7	1356.7	1604.1	2402.5	4376.4	8510.2
-5°	309.1	458.1	539.6	710.8	937.3	1178.1	1356.7	1601.9	2382.5	4332.2	8225.3
-7.5°	316.8	460.2	549.9	713.6	924.9	1152.3	1329.1	1556.2	2257.5	4053.7	7451.7
-10°	322.4	466.9	562.9	709.3	897.5	1110.3	1290.1	1500.8	2096.4	3662.2	6555.4
-12.5°	331.1	477.8	575.6	702.9	868.9	1062.2	1244.9	1436.4	1901.2	3158.0	5542.2
-15°	335.5	486.8	587.4	695.5	840.7	1008.8	1193.6	1363.8	1682.4	2549.7	4417.3
-17.5°	335.5	494.3	598.6	688.1	814.8	950.8	1142.3	1311.2	1528.1	2175.6	3633.2
-20°	331.3	500.7	609.5	681.3	793.2	914.8	1100.4	1274.1	1465.1	1895.5	2855.3



REPORT NUMBER: P1306361 (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°	322.8	506.1	616.5	686.7	785.4	899.8	1052.5	1229.7	1399.6	1596.4	2261.4
-25°	317.1	492.5	617.4	692.2	777.1	883.9	1000.8	1177.4	1338.4	1527.8	1948.6
-27.5°	313.4	473.9	606.1	693.5	766.8	868.3	971.0	1116.0	1291.6	1467.6	1660.0
-30°	303.7	440.0	590.4	687.1	762.6	854.0	950.8	1060.0	1237.7	1408.4	1585.6
-32.5°	284.4	404.4	555.6	666.4	755.8	838.2	930.3	1028.6	1169.2	1345.2	1507.9
-35°	262.1	376.9	512.7	640.5	742.3	822.6	906.7	999.5	1103.1	1263.0	1443.9
-37.5°	241.2	344.9	468.6	602.1	709.1	806.2	879.6	967.6	1063.8	1174.1	1354.8
-40°	216.5	308.4	427.2	553.0	672.9	779.4	862.1	932.6	1021.5	1133.7	1245.8
-42.5°	189.1	276.9	382.7	502.5	621.3	734.7	841.8	910.6	989.2	1093.8	1201.1
-45°	166.4	241.2	334.9	445.9	560.2	678.6	787.3	894.9	970.1	1053.9	1155.9
-47.5°	141.1	204.3	290.2	384.7	493.7	606.2	722.7	834.4	949.3	1029.6	1109.5
-50°	116.8	173.0	240.4	327.5	422.4	528.5	638.1	760.7	876.4	988.4	1081.1
-52.5°	101.4	138.7	199.3	269.4	354.0	446.2	550.8	664.1	783.4	902.3	1004.2
-55°	84.9	116.3	158.0	218.0	286.9	368.0	457.8	561.6	669.9	783.7	891.5
-57.5°	69.0	96.1	127.0	169.0	227.4	291.2	369.2	454.7	551.8	652.6	742.7
-60°	52.9	75.9	102.5	133.0	170.1	224.7	280.7	351.3	432.1	513.5	592.1
-62.5°	37.6	56.3	78.6	103.6	132.9	162.5	207.2	258.8	312.4	378.4	443.6
-65°	30.1	39.0	55.4	76.4	98.7	124.3	150.9	178.0	221.7	265.4	307.2
-67.5°	22.2	30.1	38.4	49.4	68.4	87.5	108.2	131.8	155.7	177.9	204.6
-70°	18.8	21.6	28.0	35.6	43.1	52.1	68.7	86.5	104.9	122.4	141.0
-72.5°	16.2	18.8	21.4	24.0	29.9	35.5	40.7	45.5	56.1	70.7	84.8
-75°	13.9	16.0	18.3	20.7	22.6	24.4	26.7	31.1	35.5	39.8	43.7
-77.5°	11.7	13.2	14.9	17.1	18.7	19.9	21.3	22.8	24.7	26.9	29.2
-80°	9.6	10.3	11.3	12.6	14.1	15.3	16.5	17.4	18.6	20.0	21.6
-82.5°	7.8	8.2	8.7	9.1	10.0	10.9	12.0	13.1	13.8	14.5	15.3
-85°	6.0	6.2	6.5	6.8	7.2	7.7	8.2	8.8	9.4	10.0	10.4
-87.5°	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.6	6.0	6.5	7.0
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.1	4.6	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.2	8.2
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	3.0	2.9	2.7	2.5	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	4.1	3.8	3.6	3.4	3.4	3.2	2.9	2.5	2.1	2.1	2.1
77.5°	4.1	4.1	4.1	4.1	4.1	3.7	3.2	2.7	2.2	2.1	2.1
75°	4.1	4.2	4.5	4.5	4.2	3.9	3.8	3.7	3.7	3.5	3.1
72.5°	7.4	7.2	6.9	6.9	6.6	6.6	6.7	6.4	5.9	5.8	5.9
70°	13.1	13.6	13.6	13.1	11.8	10.6	9.8	8.9	8.0	7.5	7.2
67.5°	20.3	20.5	19.4	17.5	14.6	12.0	10.9	9.8	8.7	8.4	8.8
65°	28.1	25.6	22.5	19.2	15.6	12.2	11.3	10.6	10.0	10.0	10.8
62.5°	34.8	28.1	22.6	18.7	15.3	12.2	11.2	10.3	9.4	8.8	8.7
60°	38.5	28.3	20.3	16.8	13.6	10.7	9.5	8.8	8.4	8.2	8.2
57.5°	38.5	26.6	17.6	14.5	11.6	9.1	8.2	8.2	8.2	8.2	8.2
55°	34.2	23.3	15.1	12.5	10.6	9.0	8.3	8.5	8.5	8.2	8.7
52.5°	26.8	19.3	14.1	11.7	10.9	10.4	10.1	10.0	9.8	9.6	9.9
50°	21.3	16.0	13.6	12.2	12.1	12.2	12.2	12.4	12.6	12.8	12.9
47.5°	17.8	15.0	15.3	14.1	14.6	15.9	16.2	16.4	17.0	17.0	16.7
45°	18.3	21.3	21.9	21.6	21.3	24.2	24.1	22.1	24.7	25.5	24.9
42.5°	30.3	32.8	34.5	36.1	37.9	40.2	41.4	40.7	43.1	43.0	40.3
40°	51.2	48.8	52.7	57.4	61.6	63.1	67.0	71.0	72.5	71.7	69.0
37.5°	84.0	80.3	80.7	91.2	100.8	89.4	106.2	112.9	108.7	123.7	126.7
35°	139.5	154.3	133.0	170.5	189.2	180.0	200.1	239.8	209.1	265.3	279.1
32.5°	248.0	283.5	305.7	337.4	384.1	445.5	460.9	558.8	590.1	635.5	684.3
30°	405.3	505.5	689.8	724.1	768.6	980.2	1038.3	1091.5	1202.9	1288.7	1434.6
27.5°	736.5	1006.4	1391.9	1731.3	1706.4	2064.3	2462.6	2016.6	2678.3	2412.8	3047.6
25°	1379.1	1974.2	2903.7	3803.0	4232.3	4961.6	5873.6	5700.9	6904.3	6987.8	8762.8
22.5°	2623.0	3915.9	5337.1	6866.0	8349.2	9990.5	11567.7	13221.3	15707.2	19141.8	22480.0
20°	4291.6	6192.5	8488.0	10855.3	13365.6	15918.3	18884.0	23906.4	29055.7	36203.7	41253.4
17.5°	6099.6	9125.1	11942.9	14875.9	18385.5	22628.5	28763.2	37344.8	47753.7	58438.8	66704.7
15°	7679.0	11101.5	15163.2	19073.5	23437.5	29806.6	39441.7	52152.8	67632.2	83875.6	103517.9
12.5°	9207.1	12782.1	17196.1	22141.9	28072.3	37188.3	49677.7	66855.4	87361.9	111770.8	136999.0
10°	10392.9	14315.6	19228.4	24798.2	32036.4	43232.7	57746.4	78026.9	108414.4	137229.0	166037.8
7.5°	11319.7	15732.4	20936.3	26782.1	35210.0	47817.0	65181.4	90710.9	122817.8	153994.3	180529.3
5°	12143.3	16897.5	22093.5	27900.2	37494.6	51152.5	69851.4	99007.2	133269.6	163910.1	189160.3
2.5°	12792.2	17659.2	22729.2	28460.2	38965.2	52993.8	72314.3	103459.6	140006.6	170256.9	194367.4
0°	13185.0	17795.0	22835.7	28579.2	39076.9	53828.1	74236.2	105407.9	142409.6	173362.8	197076.4
-2.5°	13044.2	17490.8	22490.1	28229.6	38708.4	53046.3	72690.4	104420.7	140373.3	169332.9	193182.7
-5°	12343.1	16495.3	21137.6	26537.8	36263.4	50076.0	68308.3	97242.8	131036.8	159947.2	182389.9
-7.5°	11237.5	15104.2	19366.2	24365.5	32775.8	45257.4	61871.8	86494.8	117173.1	143848.7	164101.9
-10°	10000.7	13491.3	17184.0	21612.0	28186.0	38780.8	52655.0	71456.5	97767.4	121751.9	140901.7
-12.5°	8514.2	11418.2	14522.4	18341.0	23323.6	31960.9	43625.8	58877.6	77171.6	98514.6	115948.5
-15°	6969.2	9410.6	11980.0	15561.8	19811.4	25313.3	33698.1	45823.3	59402.5	73980.0	89798.1
-17.5°	5596.5	7663.5	10387.7	13404.6	16643.4	20472.1	27404.9	35668.2	45495.6	55893.4	65439.9
-20°	4495.7	6688.0	9135.3	11758.9	14734.9	18416.5	22675.4	28953.4	36241.1	44222.9	51870.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3698.2	5664.3	7936.9	10397.8	13408.6	16723.0	20172.1	24112.1	29342.0	35478.6	41353.5
-25°	2816.7	4459.7	6664.3	9146.2	11919.7	14842.6	17642.3	20853.9	24677.4	28670.1	32784.0
-27.5°	2232.7	3392.4	5202.6	7533.4	10099.7	12388.0	14786.7	17461.1	20804.6	24278.4	26567.4
-30°	1822.3	2501.3	3860.1	5681.2	7826.0	9845.5	11814.9	14218.5	16843.2	19336.4	21359.9
-32.5°	1702.3	2006.1	2709.2	4007.0	5618.0	7420.5	9188.5	11334.0	13371.2	15344.2	17083.9
-35°	1617.6	1811.9	2077.1	2754.1	3724.4	5189.3	6804.7	8620.3	10458.9	12052.7	13528.3
-37.5°	1538.7	1707.3	1882.8	2057.6	2603.8	3274.2	4411.9	5847.9	7242.7	8532.4	9802.6
-40°	1426.1	1610.9	1752.7	1902.0	2064.5	2249.1	2844.4	3431.2	4114.0	5103.1	5969.6
-42.5°	1306.6	1460.6	1622.2	1762.0	1897.8	2039.7	2189.8	2338.9	2651.0	3039.1	3356.9
-45°	1256.8	1349.3	1460.3	1606.4	1742.9	1870.4	1992.4	2110.5	2235.3	2349.2	2442.2
-47.5°	1197.0	1281.3	1371.1	1466.2	1566.5	1689.6	1810.4	1930.6	2039.7	2141.1	2222.0
-50°	1141.9	1208.0	1288.3	1369.3	1449.4	1532.0	1615.3	1708.1	1812.3	1915.0	1999.5
-52.5°	1096.8	1157.4	1214.8	1272.2	1341.9	1411.9	1482.0	1555.9	1627.0	1694.3	1746.8
-55°	987.2	1072.6	1156.6	1210.8	1257.8	1305.4	1358.4	1424.6	1487.7	1547.5	1582.7
-57.5°	838.1	936.9	1027.7	1091.7	1157.2	1223.6	1278.3	1325.6	1373.3	1418.9	1443.8
-60°	672.2	753.4	835.6	911.9	984.8	1053.5	1117.3	1179.5	1237.0	1285.4	1314.7
-62.5°	508.0	575.5	642.2	706.0	767.4	827.1	895.1	960.6	1023.0	1073.9	1105.3
-65°	353.7	408.9	460.7	510.4	557.9	608.8	661.7	713.1	762.4	801.6	827.3
-67.5°	240.6	274.6	305.5	335.0	371.2	410.3	449.1	485.1	518.2	543.7	561.7
-70°	159.8	178.0	194.3	213.4	237.1	260.9	284.9	307.1	327.4	342.7	354.1
-72.5°	98.3	110.9	122.7	135.5	147.6	160.1	173.1	185.9	198.3	207.2	213.9
-75°	47.4	53.2	63.6	73.0	81.5	89.5	96.7	103.1	108.5	112.0	114.3
-77.5°	32.2	34.9	37.5	40.1	42.7	45.9	49.2	52.3	55.3	57.6	59.7
-80°	23.3	24.7	25.9	26.9	27.8	29.1	30.6	32.1	33.5	34.1	34.4
-82.5°	16.1	17.2	18.3	19.3	20.3	21.3	22.2	23.0	23.8	24.6	25.3
-85°	10.9	11.4	12.0	12.6	13.2	14.0	14.7	15.4	16.1	16.2	16.3
-87.5°	7.5	7.6	7.8	7.9	8.0	8.6	9.1	9.7	10.2	10.3	10.3
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1



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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°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.7
87.5°	2.1	2.1	1.0	0.0	1.0	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.5
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.7
75°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.5	3.7	3.7
72.5°	6.0	6.1	5.2	4.1	5.2	6.1	6.0	5.9	5.8	5.9	6.4
70°	6.8	6.3	6.2	6.2	6.2	6.3	6.8	7.2	7.5	8.0	8.9
67.5°	9.4	10.1	10.3	10.3	10.3	10.1	9.4	8.8	8.4	8.7	9.8
65°	11.5	12.2	11.4	10.3	11.4	12.2	11.5	10.8	10.0	10.0	10.6
62.5°	8.6	8.4	8.2	8.2	8.2	8.4	8.6	8.7	8.8	9.4	10.3
60°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.4	8.8
57.5°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
55°	9.3	10.0	10.3	10.3	10.3	10.0	9.3	8.7	8.2	8.5	8.5
52.5°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	9.9	9.6	9.8	10.0
50°	12.8	12.5	12.4	12.4	12.4	12.5	12.8	12.9	12.8	12.6	12.4
47.5°	16.0	14.9	14.4	14.4	14.4	14.9	16.0	16.7	17.0	17.0	16.4
45°	25.0	24.7	24.5	24.7	24.5	24.7	25.0	24.9	25.5	24.7	22.1
42.5°	41.8	42.5	41.8	39.2	41.8	42.5	41.8	40.3	43.0	43.1	40.7
40°	69.1	66.4	62.9	61.8	62.9	66.4	69.1	69.0	71.7	72.5	71.0
37.5°	128.2	128.2	125.2	123.6	125.2	128.2	128.2	126.7	123.7	108.7	112.9
35°	269.8	267.7	253.0	239.1	253.0	267.7	269.8	279.1	265.3	209.1	239.8
32.5°	700.8	737.9	734.5	713.0	734.5	737.9	700.8	684.3	635.5	590.1	558.8
30°	1490.8	1557.3	1543.3	1454.9	1543.3	1557.3	1490.8	1434.6	1288.7	1202.9	1091.5
27.5°	3081.3	3237.0	3374.3	3194.2	3374.3	3237.0	3081.3	3047.6	2412.8	2678.3	2016.6
25°	10539.8	11553.4	12153.0	11221.1	12153.0	11553.4	10539.8	8762.8	6987.8	6904.3	5700.9
22.5°	25154.2	26417.4	27091.4	27476.7	27091.4	26417.4	25154.2	22480.0	19141.8	15707.2	13221.3
20°	46141.4	48842.4	50572.6	47087.2	50572.6	48842.4	46141.4	41253.4	36203.7	29055.7	23906.4
17.5°	78171.5	88132.9	93377.6	96227.0	93377.6	88132.9	78171.5	66704.7	58438.8	47753.7	37344.8
15°	118676.7	131422.2	140029.1	143398.8	140029.1	131422.2	118676.7	103517.9	83875.6	67632.2	52152.8
12.5°	156974.8	170126.2	178067.4	180063.5	178067.4	170126.2	156974.8	136999.0	111770.8	87361.9	66855.4
10°	184215.1	196606.7	205741.8	208948.7	205741.8	196606.7	184215.1	166037.8	137229.0	108414.4	78026.9
7.5°	199379.9	213864.8	221916.1	223920.4	221916.1	213864.8	199379.9	180529.3	153994.3	122817.8	90710.9
5°	208107.5	221194.9	229996.0	231063.2	229996.0	221194.9	208107.5	189160.3	163910.1	133269.6	99007.2
2.5°	213734.9	226534.0	233938.9	236115.2	233938.9	226534.0	213734.9	194367.4	170256.9	140006.6	103459.6
0°	215115.7	226883.9	235829.8	238613.9	235829.8	226883.9	215115.7	197076.4	173362.8	142409.6	105407.9
-2.5°	210934.6	222287.3	228246.4	229212.6	228246.4	222287.3	210934.6	193182.7	169332.9	140373.3	104420.7
-5°	200257.5	208653.7	215533.0	216412.9	215533.0	208653.7	200257.5	182389.9	159947.2	131036.8	97242.8
-7.5°	177577.6	186996.1	190801.0	191830.7	190801.0	186996.1	177577.6	164101.9	143848.7	117173.1	86494.8
-10°	153446.4	161515.2	164210.7	165665.7	164210.7	161515.2	153446.4	140901.7	121751.9	97767.4	71456.5
-12.5°	129822.0	137711.9	140363.2	142469.3	140363.2	137711.9	129822.0	115948.5	98514.6	77171.6	58877.6
-15°	103352.6	111122.2	115405.6	117776.8	115405.6	111122.2	103352.6	89798.1	73980.0	59402.5	45823.3
-17.5°	77555.6	84934.3	89919.8	92820.5	89919.8	84934.3	77555.6	65439.9	55893.4	45495.6	35668.2
-20°	58805.5	63799.4	67636.0	69912.7	67636.0	63799.4	58805.5	51870.4	44222.9	36241.1	28953.4



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	45935.9	49394.7	51617.2	53071.8	51617.2	49394.7	45935.9	41353.5	35478.6	29342.0	24112.1
-25°	35901.6	38171.7	39609.0	40785.3	39609.0	38171.7	35901.6	32784.0	28670.1	24677.4	20853.9
-27.5°	28426.5	29643.6	30278.8	31142.8	30278.8	29643.6	28426.5	26567.4	24278.4	20804.6	17461.1
-30°	22852.0	23786.0	24290.9	24478.2	24290.9	23786.0	22852.0	21359.9	19336.4	16843.2	14218.5
-32.5°	18392.1	19274.3	19911.5	20210.3	19911.5	19274.3	18392.1	17083.9	15344.2	13371.2	11334.0
-35°	14673.3	15409.3	15911.6	16187.6	15911.6	15409.3	14673.3	13528.3	12052.7	10458.9	8620.3
-37.5°	10854.4	11662.0	12214.9	12404.0	12214.9	11662.0	10854.4	9802.6	8532.4	7242.7	5847.9
-40°	6659.6	7174.1	7506.1	7645.6	7506.1	7174.1	6659.6	5969.6	5103.1	4114.0	3431.2
-42.5°	3604.7	3793.6	3924.7	4000.0	3924.7	3793.6	3604.7	3356.9	3039.1	2651.0	2338.9
-45°	2502.3	2550.1	2580.4	2592.5	2580.4	2550.1	2502.3	2442.2	2349.2	2235.3	2110.5
-47.5°	2281.2	2332.8	2360.3	2361.7	2360.3	2332.8	2281.2	2222.0	2141.1	2039.7	1930.6
-50°	2066.3	2122.5	2150.9	2153.5	2150.9	2122.5	2066.3	1999.5	1915.0	1812.3	1708.1
-52.5°	1794.5	1839.1	1858.5	1856.8	1858.5	1839.1	1794.5	1746.8	1694.3	1627.0	1555.9
-55°	1613.2	1639.8	1651.6	1652.8	1651.6	1639.8	1613.2	1582.7	1547.5	1487.7	1424.6
-57.5°	1466.2	1485.8	1492.7	1492.0	1492.7	1485.8	1466.2	1443.8	1418.9	1373.3	1325.6
-60°	1340.3	1361.7	1367.6	1364.3	1367.6	1361.7	1340.3	1314.7	1285.4	1237.0	1179.5
-62.5°	1130.9	1150.5	1160.2	1162.3	1160.2	1150.5	1130.9	1105.3	1073.9	1023.0	960.6
-65°	847.6	862.3	870.0	871.7	870.0	862.3	847.6	827.3	801.6	762.4	713.1
-67.5°	575.7	585.6	588.7	587.3	588.7	585.6	575.7	561.7	543.7	518.2	485.1
-70°	363.3	370.3	372.0	370.9	372.0	370.3	363.3	354.1	342.7	327.4	307.1
-72.5°	219.5	223.7	224.0	222.6	224.0	223.7	219.5	213.9	207.2	198.3	185.9
-75°	115.7	116.3	116.2	115.4	116.2	116.3	115.7	114.3	112.0	108.5	103.1
-77.5°	61.6	63.3	62.7	61.8	62.7	63.3	61.6	59.7	57.6	55.3	52.3
-80°	34.7	34.9	35.0	35.0	35.0	34.9	34.7	34.4	34.1	33.5	32.1
-82.5°	26.0	26.7	25.7	24.7	25.7	26.7	26.0	25.3	24.6	23.8	23.0
-85°	16.4	16.5	16.5	16.5	16.5	16.5	16.4	16.3	16.2	16.1	15.4
-87.5°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.2	9.7
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.1



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.2	6.7	6.2	5.7	5.2	4.6	4.1	4.1	4.1	4.1	4.1
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.5	2.7	2.9	3.0	2.9	2.7	2.5	2.3
80°	2.9	3.2	3.4	3.4	3.6	3.8	4.1	4.1	4.1	4.0	3.7
77.5°	3.2	3.7	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
75°	3.8	3.9	4.2	4.5	4.5	4.2	4.1	4.1	4.1	4.1	3.9
72.5°	6.7	6.6	6.6	6.9	6.9	7.2	7.4	7.1	6.3	5.1	4.1
70°	9.8	10.6	11.8	13.1	13.6	13.6	13.1	12.4	11.7	10.8	8.6
67.5°	10.9	12.0	14.6	17.5	19.4	20.5	20.3	19.2	18.0	16.9	13.6
65°	11.3	12.2	15.6	19.2	22.5	25.6	28.1	28.2	26.9	24.1	18.5
62.5°	11.2	12.2	15.3	18.7	22.6	28.1	34.8	37.8	37.9	33.1	25.7
60°	9.5	10.7	13.6	16.8	20.3	28.3	38.5	46.2	51.3	43.7	33.1
57.5°	8.2	9.1	11.6	14.5	17.6	26.6	38.5	51.8	60.5	50.4	40.7
55°	8.3	9.0	10.6	12.5	15.1	23.3	34.2	47.2	56.4	52.6	42.1
52.5°	10.1	10.4	10.9	11.7	14.1	19.3	26.8	38.9	45.3	43.5	39.5
50°	12.2	12.2	12.1	12.2	13.6	16.0	21.3	29.7	32.7	34.3	32.4
47.5°	16.2	15.9	14.6	14.1	15.3	15.0	17.8	21.4	25.5	25.8	25.9
45°	24.1	24.2	21.3	21.6	21.9	21.3	18.3	21.1	22.9	23.7	20.9
42.5°	41.4	40.2	37.9	36.1	34.5	32.8	30.3	28.9	26.7	25.5	25.5
40°	67.0	63.1	61.6	57.4	52.7	48.8	51.2	44.9	39.1	32.4	36.1
37.5°	106.2	89.4	100.8	91.2	80.7	80.3	84.0	74.0	57.9	62.3	60.2
35°	200.1	180.0	189.2	170.5	133.0	154.3	139.5	118.0	105.8	114.1	99.8
32.5°	460.9	445.5	384.1	337.4	305.7	283.5	248.0	190.3	198.4	193.5	165.2
30°	1038.3	980.2	768.6	724.1	689.8	505.5	405.3	375.2	345.2	294.8	248.5
27.5°	2462.6	2064.3	1706.4	1731.3	1391.9	1006.4	736.5	604.7	530.9	445.1	360.4
25°	5873.6	4961.6	4232.3	3803.0	2903.7	1974.2	1379.1	989.4	765.3	631.3	519.9
22.5°	11567.7	9990.5	8349.2	6866.0	5337.1	3915.9	2623.0	1492.5	1023.8	843.3	707.2
20°	18884.0	15918.3	13365.6	10855.3	8488.0	6192.5	4291.6	2467.7	1439.3	1061.3	890.9
17.5°	28763.2	22628.5	18385.5	14875.9	11942.9	9125.1	6099.6	3541.5	1830.5	1272.7	1066.2
15°	39441.7	29806.6	23437.5	19073.5	15163.2	11101.5	7679.0	4560.8	2351.8	1551.8	1237.1
12.5°	49677.7	37188.3	28072.3	22141.9	17196.1	12782.1	9207.1	5857.6	3142.7	1803.9	1342.0
10°	57746.4	43232.7	32036.4	24798.2	19228.4	14315.6	10392.9	6763.1	3648.9	2001.2	1430.3
7.5°	65181.4	47817.0	35210.0	26782.1	20936.3	15732.4	11319.7	7396.1	3970.2	2168.6	1503.2
5°	69851.4	51152.5	37494.6	27900.2	22093.5	16897.5	12143.3	7833.5	4127.4	2303.4	1561.6
2.5°	72314.3	52993.8	38965.2	28460.2	22729.2	17659.2	12792.2	8136.6	4222.3	2359.2	1583.6
0°	74236.2	53828.1	39076.9	28579.2	22835.7	17795.0	13185.0	8284.4	4249.4	2367.9	1595.1
-2.5°	72690.4	53046.3	38708.4	28229.6	22490.1	17490.8	13044.2	8510.2	4376.4	2402.5	1604.1
-5°	68308.3	50076.0	36263.4	26537.8	21137.6	16495.3	12343.1	8225.3	4332.2	2382.5	1601.9
-7.5°	61871.8	45257.4	32775.8	24365.5	19366.2	15104.2	11237.5	7451.7	4053.7	2257.5	1556.2
-10°	52655.0	38780.8	28186.0	21612.0	17184.0	13491.3	10000.7	6555.4	3662.2	2096.4	1500.8
-12.5°	43625.8	31960.9	23323.6	18341.0	14522.4	11418.2	8514.2	5542.2	3158.0	1901.2	1436.4
-15°	33698.1	25313.3	19811.4	15561.8	11980.0	9410.6	6969.2	4417.3	2549.7	1682.4	1363.8
-17.5°	27404.9	20472.1	16643.4	13404.6	10387.7	7663.5	5596.5	3633.2	2175.6	1528.1	1311.2
-20°	22675.4	18416.5	14734.9	11758.9	9135.3	6688.0	4495.7	2855.3	1895.5	1465.1	1274.1



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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°	20172.1	16723.0	13408.6	10397.8	7936.9	5664.3	3698.2	2261.4	1596.4	1399.6	1229.7
-25°	17642.3	14842.6	11919.7	9146.2	6664.3	4459.7	2816.7	1948.6	1527.8	1338.4	1177.4
-27.5°	14786.7	12388.0	10099.7	7533.4	5202.6	3392.4	2232.7	1660.0	1467.6	1291.6	1116.0
-30°	11814.9	9845.5	7826.0	5681.2	3860.1	2501.3	1822.3	1585.6	1408.4	1237.7	1060.0
-32.5°	9188.5	7420.5	5618.0	4007.0	2709.2	2006.1	1702.3	1507.9	1345.2	1169.2	1028.6
-35°	6804.7	5189.3	3724.4	2754.1	2077.1	1811.9	1617.6	1443.9	1263.0	1103.1	999.5
-37.5°	4411.9	3274.2	2603.8	2057.6	1882.8	1707.3	1538.7	1354.8	1174.1	1063.8	967.6
-40°	2844.4	2249.1	2064.5	1902.0	1752.7	1610.9	1426.1	1245.8	1133.7	1021.5	932.6
-42.5°	2189.8	2039.7	1897.8	1762.0	1622.2	1460.6	1306.6	1201.1	1093.8	989.2	910.6
-45°	1992.4	1870.4	1742.9	1606.4	1460.3	1349.3	1256.8	1155.9	1053.9	970.1	894.9
-47.5°	1810.4	1689.6	1566.5	1466.2	1371.1	1281.3	1197.0	1109.5	1029.6	949.3	834.4
-50°	1615.3	1532.0	1449.4	1369.3	1288.3	1208.0	1141.9	1081.1	988.4	876.4	760.7
-52.5°	1482.0	1411.9	1341.9	1272.2	1214.8	1157.4	1096.8	1004.2	902.3	783.4	664.1
-55°	1358.4	1305.4	1257.8	1210.8	1156.6	1072.6	987.2	891.5	783.7	669.9	561.6
-57.5°	1278.3	1223.6	1157.2	1091.7	1027.7	936.9	838.1	742.7	652.6	551.8	454.7
-60°	1117.3	1053.5	984.8	911.9	835.6	753.4	672.2	592.1	513.5	432.1	351.3
-62.5°	895.1	827.1	767.4	706.0	642.2	575.5	508.0	443.6	378.4	312.4	258.8
-65°	661.7	608.8	557.9	510.4	460.7	408.9	353.7	307.2	265.4	221.7	178.0
-67.5°	449.1	410.3	371.2	335.0	305.5	274.6	240.6	204.6	177.9	155.7	131.8
-70°	284.9	260.9	237.1	213.4	194.3	178.0	159.8	141.0	122.4	104.9	86.5
-72.5°	173.1	160.1	147.6	135.5	122.7	110.9	98.3	84.8	70.7	56.1	45.5
-75°	96.7	89.5	81.5	73.0	63.6	53.2	47.4	43.7	39.8	35.5	31.1
-77.5°	49.2	45.9	42.7	40.1	37.5	34.9	32.2	29.2	26.9	24.7	22.8
-80°	30.6	29.1	27.8	26.9	25.9	24.7	23.3	21.6	20.0	18.6	17.4
-82.5°	22.2	21.3	20.3	19.3	18.3	17.2	16.1	15.3	14.5	13.8	13.1
-85°	14.7	14.0	13.2	12.6	12.0	11.4	10.9	10.4	10.0	9.4	8.8
-87.5°	9.1	8.6	8.0	7.9	7.8	7.6	7.5	7.0	6.5	6.0	5.6
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1
80°	3.1	2.6	2.3	2.1	2.2	2.1	2.1	2.1	2.4	2.5	2.4
77.5°	3.5	3.0	2.5	2.2	2.5	2.6	2.6	2.4	2.6	2.9	2.9
75°	3.4	2.9	2.4	2.3	2.8	3.2	3.3	3.2	3.1	3.3	3.4
72.5°	3.9	3.4	2.7	2.4	2.8	3.3	3.8	4.0	3.6	3.6	3.8
70°	6.3	4.5	3.7	3.3	3.2	3.4	3.9	4.1	4.1	3.9	3.9
67.5°	10.4	7.8	5.7	4.3	3.8	3.7	4.0	4.1	4.1	4.1	4.0
65°	14.7	11.2	8.0	6.0	4.6	4.0	4.1	4.1	4.1	4.1	4.1
62.5°	19.5	14.8	11.1	7.7	5.5	4.4	4.1	4.1	4.1	4.1	4.1
60°	24.6	18.5	14.1	10.3	6.8	4.6	4.1	4.1	4.1	4.1	4.1
57.5°	30.2	21.7	16.8	12.6	8.8	5.5	4.1	4.1	4.1	4.1	4.1
55°	33.8	25.5	19.6	14.7	10.6	7.0	4.7	4.1	4.1	4.1	4.1
52.5°	32.2	27.6	22.8	16.9	12.2	8.6	6.3	4.1	4.1	4.1	4.1
50°	27.9	27.3	24.6	19.5	13.7	10.4	7.8	5.4	4.1	4.1	4.1
47.5°	25.0	26.0	24.8	21.3	15.7	12.3	9.6	6.7	4.1	4.1	4.1
45°	23.8	24.3	24.6	22.0	18.1	14.5	11.4	8.0	5.2	4.2	4.1
42.5°	24.6	24.8	23.5	22.9	20.3	16.6	13.3	9.7	6.4	4.3	4.2
40°	33.3	27.8	24.0	24.6	22.8	18.6	15.1	11.5	7.5	4.8	4.3
37.5°	45.7	36.7	28.4	30.7	26.6	21.2	16.6	13.2	8.8	5.8	4.6
35°	76.7	51.3	47.5	45.0	35.2	24.1	18.0	14.8	10.5	6.9	4.8
32.5°	116.7	90.0	85.3	68.4	47.0	27.3	20.2	16.3	12.0	7.8	5.1
30°	193.1	169.7	135.7	97.9	64.8	38.3	23.7	18.1	13.5	8.7	5.5
27.5°	317.7	265.0	201.6	144.5	93.1	52.7	29.1	20.2	14.9	9.7	6.3
25°	454.3	381.0	293.4	202.8	125.6	81.8	35.3	22.7	16.4	10.9	7.0
22.5°	605.4	506.4	395.6	268.3	179.8	119.2	50.5	27.5	18.2	12.0	7.7
20°	762.7	637.2	501.0	335.8	241.5	165.9	77.8	32.8	20.1	13.0	8.3
17.5°	925.1	752.8	579.6	410.2	301.0	214.7	109.2	38.4	22.1	13.9	8.8
15°	1035.0	842.5	654.0	478.3	354.7	264.9	143.8	44.2	24.0	14.7	9.5
12.5°	1123.2	927.8	724.0	540.0	403.0	315.7	180.3	50.0	26.0	16.0	10.4
10°	1201.9	1007.9	788.8	595.5	446.7	366.2	217.5	56.1	29.5	17.8	11.3
7.5°	1271.5	1081.8	848.1	644.9	482.3	402.1	241.3	62.5	33.2	19.7	12.1
5°	1325.4	1135.7	887.1	667.2	494.1	420.4	259.3	68.3	36.8	21.4	13.0
2.5°	1341.5	1160.9	910.9	680.5	503.6	434.7	273.0	73.6	40.2	23.1	13.7
0°	1349.8	1176.7	927.4	688.3	511.1	445.1	282.3	78.3	43.3	24.7	14.4
-2.5°	1356.7	1181.7	936.1	702.2	526.5	453.3	297.8	100.9	58.4	33.2	18.3
-5°	1356.7	1178.1	937.3	710.8	539.6	458.1	309.1	122.4	72.9	41.3	21.9
-7.5°	1329.1	1152.3	924.9	713.6	549.9	460.2	316.8	142.4	86.4	48.9	25.4
-10°	1290.1	1110.3	897.5	709.3	562.9	466.9	322.4	160.5	98.5	55.6	28.6
-12.5°	1244.9	1062.2	868.9	702.9	575.6	477.8	331.1	176.5	108.9	61.3	31.3
-15°	1193.6	1008.8	840.7	695.5	587.4	486.8	335.5	189.6	116.9	66.0	33.7
-17.5°	1142.3	950.8	814.8	688.1	598.6	494.3	335.5	199.3	122.9	69.6	35.9
-20°	1100.4	914.8	793.2	681.3	609.5	500.7	331.3	205.2	126.7	71.8	37.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1052.5	899.8	785.4	686.7	616.5	506.1	322.8	207.0	128.0	72.6	39.1
-25°	1000.8	883.9	777.1	692.2	617.4	492.5	317.1	204.5	126.8	71.8	39.6
-27.5°	971.0	868.3	766.8	693.5	606.1	473.9	313.4	202.6	124.0	69.4	39.4
-30°	950.8	854.0	762.6	687.1	590.4	440.0	303.7	197.4	121.1	67.8	38.4
-32.5°	930.3	838.2	755.8	666.4	555.6	404.4	284.4	188.5	115.8	66.5	37.5
-35°	906.7	822.6	742.3	640.5	512.7	376.9	262.1	175.9	108.3	64.1	36.2
-37.5°	879.6	806.2	709.1	602.1	468.6	344.9	241.2	160.3	98.4	60.5	34.3
-40°	862.1	779.4	672.9	553.0	427.2	308.4	216.5	144.6	91.3	55.6	31.6
-42.5°	841.8	734.7	621.3	502.5	382.7	276.9	189.1	126.5	83.3	51.2	28.3
-45°	787.3	678.6	560.2	445.9	334.9	241.2	166.4	107.7	74.1	46.5	25.2
-47.5°	722.7	606.2	493.7	384.7	290.2	204.3	141.1	96.3	64.1	40.9	22.8
-50°	638.1	528.5	422.4	327.5	240.4	173.0	116.8	83.7	55.8	33.8	20.1
-52.5°	550.8	446.2	354.0	269.4	199.3	138.7	101.4	70.4	46.6	28.6	17.0
-55°	457.8	368.0	286.9	218.0	158.0	116.3	84.9	58.6	36.5	24.2	13.9
-57.5°	369.2	291.2	227.4	169.0	127.0	96.1	69.0	45.8	30.0	19.7	13.2
-60°	280.7	224.7	170.1	133.0	102.5	75.9	52.9	34.5	24.6	15.7	12.3
-62.5°	207.2	162.5	132.9	103.6	78.6	56.3	37.6	28.1	18.9	14.5	11.4
-65°	150.9	124.3	98.7	76.4	55.4	39.0	30.1	21.4	16.4	13.2	10.4
-67.5°	108.2	87.5	68.4	49.4	38.4	30.1	22.2	17.9	14.7	11.8	9.3
-70°	68.7	52.1	43.1	35.6	28.0	21.6	18.8	15.8	12.9	10.6	8.3
-72.5°	40.7	35.5	29.9	24.0	21.4	18.8	16.2	13.7	11.5	9.4	7.2
-75°	26.7	24.4	22.6	20.7	18.3	16.0	13.9	12.1	10.1	8.1	6.5
-77.5°	21.3	19.9	18.7	17.1	14.9	13.2	11.7	10.5	8.7	7.2	5.8
-80°	16.5	15.3	14.1	12.6	11.3	10.3	9.6	8.9	7.5	6.2	5.1
-82.5°	12.0	10.9	10.0	9.1	8.7	8.2	7.8	7.2	6.2	5.2	4.5
-85°	8.2	7.7	7.2	6.8	6.5	6.2	6.0	5.9	5.3	4.8	4.4
-87.5°	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0	4.7	4.5	4.3
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
87.5°	2.1	2.2	2.3	2.3	2.3	3.1	4.1
85°	2.1	2.3	2.4	2.5	2.5	3.2	4.1
82.5°	2.1	2.4	2.6	2.7	2.6	3.2	4.1
80°	2.2	2.6	2.8	2.9	2.8	3.3	4.1
77.5°	2.7	2.8	3.0	3.1	3.0	3.3	4.1
75°	3.2	3.1	3.2	3.3	3.2	3.4	4.1
72.5°	3.7	3.4	3.4	3.5	3.3	3.4	4.1
70°	4.1	3.7	3.5	3.7	3.5	3.5	4.1
67.5°	4.1	4.0	3.7	3.8	3.7	3.5	4.1
65°	4.1	4.1	3.8	3.8	3.8	3.6	4.1
62.5°	4.1	4.1	4.0	3.9	4.0	3.6	4.1
60°	4.1	4.1	4.1	3.9	4.1	3.7	4.1
57.5°	4.1	4.1	4.1	4.0	4.1	3.7	4.1
55°	4.1	4.1	4.1	4.0	4.1	3.8	4.1
52.5°	4.1	4.1	4.1	4.1	4.1	3.8	4.1
50°	4.1	4.1	4.1	4.1	4.1	3.8	4.1
47.5°	4.1	4.1	4.1	4.1	4.1	3.9	4.1
45°	4.1	4.1	4.1	4.1	4.1	3.9	4.1
42.5°	4.1	4.1	4.1	4.1	4.1	3.9	4.1
40°	4.1	4.1	4.1	4.1	4.1	3.9	4.1
37.5°	4.1	4.1	4.1	4.1	4.1	4.0	4.1
35°	4.1	4.1	4.1	4.1	4.1	4.0	4.1
32.5°	4.2	4.1	4.1	4.1	4.1	4.0	4.1
30°	4.4	4.1	4.1	4.1	4.1	4.0	4.1
27.5°	4.6	4.1	4.1	4.1	4.1	4.0	4.1
25°	4.9	4.1	4.1	4.1	4.1	4.1	4.1
22.5°	5.1	4.1	4.1	4.1	4.1	4.1	4.1
20°	5.4	4.3	4.1	4.1	4.1	4.1	4.1
17.5°	5.8	4.5	4.1	4.1	4.1	4.1	4.1
15°	6.2	4.7	4.1	4.1	4.1	4.1	4.1
12.5°	6.6	4.9	4.1	4.1	4.1	4.1	4.1
10°	6.9	5.2	4.1	4.1	4.1	4.1	4.1
7.5°	7.3	5.4	4.1	4.1	4.1	4.1	4.1
5°	7.6	5.7	4.1	4.1	4.1	4.1	4.1
2.5°	7.9	6.0	4.1	4.1	4.1	4.1	4.1
0°	8.2	6.2	4.1	4.1	4.1	4.1	4.1
-2.5°	10.1	6.9	4.3	4.1	4.1	4.1	4.1
-5°	12.0	7.5	4.5	4.1	4.1	4.1	4.1
-7.5°	13.7	8.1	4.6	4.1	4.1	4.1	4.1
-10°	15.3	8.6	4.8	4.1	4.1	4.1	4.1
-12.5°	16.7	9.1	4.9	4.1	4.1	4.1	4.1
-15°	17.9	9.4	5.0	4.1	4.1	4.1	4.1
-17.5°	18.8	9.7	5.1	4.1	4.1	4.1	4.1
-20°	19.6	9.8	5.2	4.1	4.1	4.1	4.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.3	9.9	5.2	4.1	4.1	4.1	4.1
-25°	20.7	9.9	5.2	4.1	4.1	4.1	4.1
-27.5°	20.6	9.9	5.2	4.1	4.1	4.1	4.1
-30°	20.0	9.7	5.1	4.1	4.1	4.1	4.1
-32.5°	19.0	9.3	5.2	4.1	4.1	4.1	4.1
-35°	18.3	8.8	5.2	4.1	4.1	4.1	4.1
-37.5°	17.5	8.3	5.2	4.1	4.1	4.1	4.1
-40°	16.5	8.3	5.1	4.1	4.1	4.1	4.1
-42.5°	15.2	8.2	5.2	4.1	4.1	4.1	4.1
-45°	13.5	8.0	5.3	4.2	4.1	4.1	4.1
-47.5°	11.6	7.8	5.3	4.2	4.1	4.1	4.1
-50°	11.0	7.6	5.3	4.2	4.1	4.1	4.1
-52.5°	10.6	7.3	5.2	4.3	4.1	4.1	4.1
-55°	10.2	7.1	5.2	4.3	4.1	4.1	4.1
-57.5°	9.6	6.8	5.0	4.3	4.1	4.1	4.1
-60°	9.0	6.5	4.9	4.3	4.1	4.1	4.1
-62.5°	8.4	6.1	4.8	4.2	4.1	4.1	4.1
-65°	7.7	5.7	4.7	4.2	4.1	4.1	4.1
-67.5°	7.0	5.3	4.6	4.2	4.1	4.1	4.1
-70°	6.1	5.1	4.4	4.1	4.1	4.1	4.1
-72.5°	5.6	4.8	4.3	4.1	4.1	4.1	4.1
-75°	5.2	4.5	4.1	4.1	4.1	4.1	4.1
-77.5°	4.7	4.2	4.1	4.1	4.1	4.1	4.1
-80°	4.2	4.1	4.1	4.1	4.1	4.1	4.1
-82.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-90°	2.1	2.1	2.1	2.1	2.1	3.1	4.1

(END OF REPORT)