

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: P1306241 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-4S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

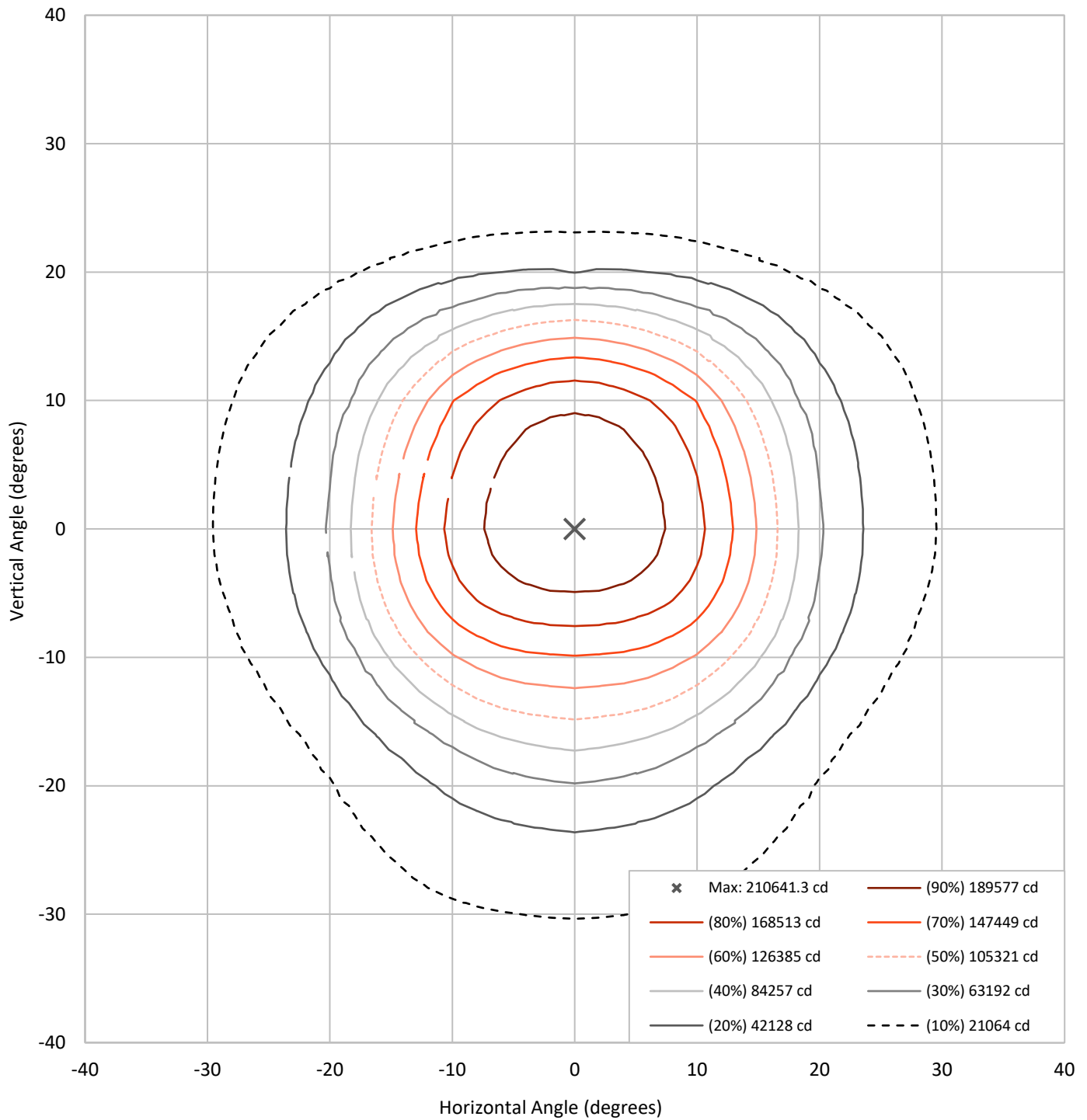
Test Method: LM-79-08  
Report Number: P1306241 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-57-70-4S-CV1-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 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:	71769.8 lumens	Max Intensity:	210641.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 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:	39225 lumens	Field Lumens:	63204.3 lumens
Beam Efficiency:	54.7%	Field Efficiency:	88.1%
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





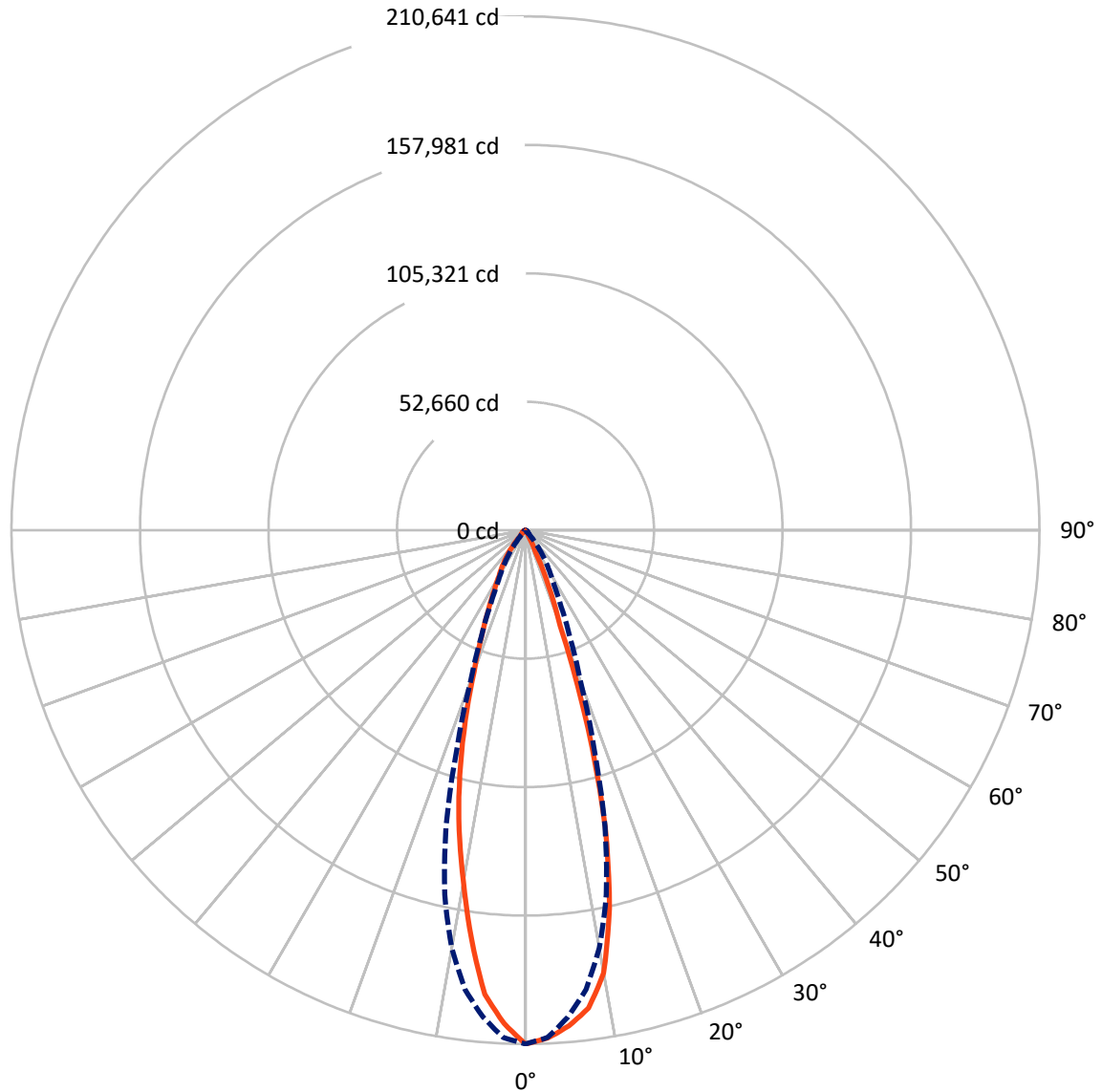
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### Lumen Table

90	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1								
80	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.1								
70	0.1	0.0	0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1	0.0	0.1	
60		0.1	0.2	0.7	0.7	0.3	0.2	0.3	0.3	0.2	0.3	0.7	0.7	0.2	0.1		
50	0.1	0.1	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.1	
40		0.2	0.8	2.1	3.9	6.7	10.3	12.7	12.7	10.3	6.7	3.9	2.1	0.8	0.2		
30	0.1	0.4	3.5	10.8	42.6	133.0	266.4	432.5	432.5	266.4	133.0	42.6	10.8	3.5	0.4	0.1	
20		1.1	8.0	26.0	176.1	601.4	1794.7	3346.0	3346.0	1794.7	601.4	176.1	26.0	8.0	1.1		
10	0.2	1.8	11.0	37.2	274.3	977.1	3350.5	5738.8	5738.8	3350.5	977.1	274.3	37.2	11.0	1.8	0.2	
0		2.3	11.7	38.2	270.8	942.5	3243.0	5341.8	5341.8	3243.0	942.5	270.8	38.2	11.7	2.3		
-10	0.4	2.7	11.2	29.5	161.0	532.5	1636.6	2917.2	2917.2	1636.6	532.5	161.0	29.5	11.2	2.7	0.4	
-20		2.8	10.7	22.7	75.8	288.7	665.0	1061.0	1061.0	665.0	288.7	75.8	22.7	10.7	2.8		
-30	0.3	2.3	9.7	19.4	37.4	107.3	268.5	407.9	407.9	268.5	107.3	37.4	19.4	9.7	2.3	0.3	
-40		1.5	7.0	16.6	28.0	42.7	64.9	88.1	88.1	64.9	42.7	28.0	16.6	7.0	1.5		
-50	0.2	0.8	3.6	10.8	21.0	30.3	38.9	44.6	44.6	38.9	30.3	21.0	10.8	3.6	0.8	0.2	
-60		0.3	1.3	3.9	8.4	14.1	19.9	23.0	23.0	19.9	14.1	8.4	3.9	1.3	0.3		
-70	0.1	0.8	3.6	10.8	21.0	30.3	38.9	44.6	44.6	38.9	30.3	21.0	10.8	3.6	0.8	0.1	
-80		0.3	1.3	3.9	8.4	14.1	19.9	23.0	23.0	19.9	14.1	8.4	3.9	1.3	0.3		
-90	0.1	0.7	2.7	6.7	9.0	6.7	2.7	0.7	0.1								

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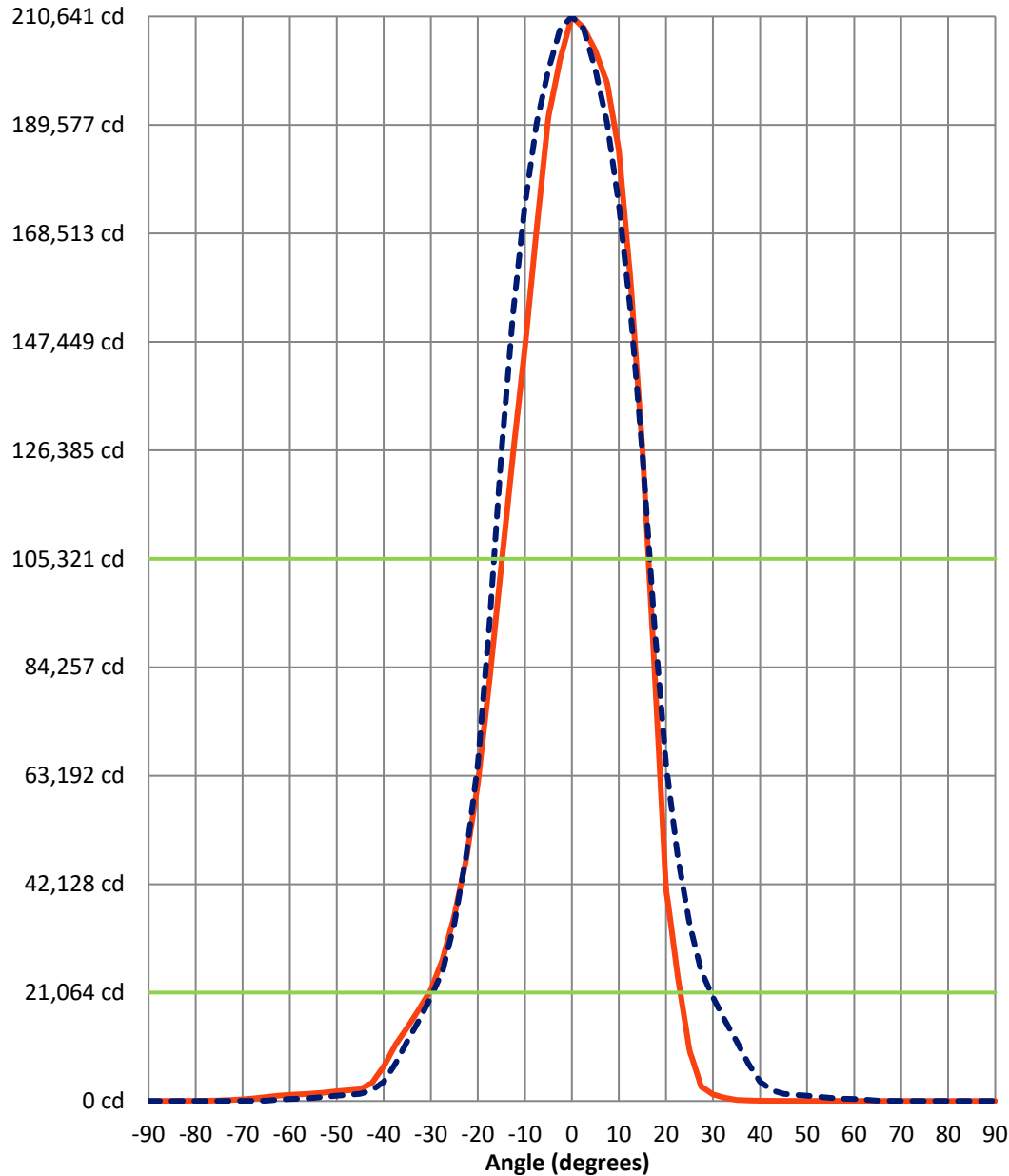
### Luminous Intensity Polar Plot



— 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: 39225  
 Efficiency: 54.7%

**Field:**  
 H Angle: 59.1°  
 V Angle: 53.4°  
 Lumens: 63204.3  
 Efficiency: 88.1%

**Spill:**  
 Lumens: 8565.5  
 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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	3.6	2.7	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8
85°	3.6	2.8	2.1	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.8
82.5°	3.6	2.8	2.3	2.3	2.3	2.1	1.8	1.8	1.8	1.9	1.8
80°	3.6	2.9	2.4	2.5	2.4	2.2	1.9	2.1	2.1	2.1	1.8
77.5°	3.6	2.9	2.6	2.7	2.6	2.4	2.4	2.5	2.5	2.3	2.1
75°	3.6	3.0	2.8	2.9	2.8	2.7	2.8	2.9	2.8	2.7	2.8
72.5°	3.6	3.0	2.9	3.1	2.9	3.0	3.2	3.3	3.1	3.2	3.5
70°	3.6	3.0	3.1	3.2	3.1	3.2	3.6	3.4	3.4	3.6	3.6
67.5°	3.6	3.1	3.2	3.3	3.2	3.5	3.6	3.5	3.6	3.6	3.6
65°	3.6	3.1	3.3	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6
62.5°	3.6	3.2	3.5	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.6
60°	3.6	3.2	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
57.5°	3.6	3.2	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
55°	3.6	3.3	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
52.5°	3.6	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
50°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.7
47.5°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	6.0
45°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.6	7.1
42.5°	3.6	3.4	3.6	3.6	3.6	3.6	3.6	3.7	3.8	5.7	8.6
40°	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.8	4.2	6.6	10.1
37.5°	3.6	3.5	3.6	3.6	3.6	3.6	3.6	4.0	5.2	7.8	11.7
35°	3.6	3.5	3.6	3.6	3.6	3.6	3.6	4.2	6.1	9.3	13.1
32.5°	3.6	3.5	3.6	3.6	3.6	3.6	3.7	4.5	6.9	10.6	14.4
30°	3.6	3.5	3.6	3.6	3.6	3.6	3.9	4.9	7.7	11.9	16.0
27.5°	3.6	3.6	3.6	3.6	3.6	3.6	4.1	5.6	8.6	13.2	17.9
25°	3.6	3.6	3.6	3.6	3.6	3.6	4.3	6.2	9.6	14.5	20.0
22.5°	3.6	3.6	3.6	3.6	3.6	3.6	4.5	6.8	10.6	16.1	24.3
20°	3.6	3.6	3.6	3.6	3.6	3.8	4.8	7.3	11.5	17.8	29.0
17.5°	3.6	3.6	3.6	3.6	3.6	3.9	5.1	7.8	12.3	19.5	33.9
15°	3.6	3.6	3.6	3.6	3.6	4.1	5.5	8.4	13.0	21.2	39.0
12.5°	3.6	3.6	3.6	3.6	3.6	4.4	5.8	9.2	14.2	23.0	44.2
10°	3.6	3.6	3.6	3.6	3.6	4.6	6.2	10.0	15.8	26.0	49.5
7.5°	3.6	3.6	3.6	3.6	3.6	4.8	6.5	10.7	17.4	29.3	55.2
5°	3.6	3.6	3.6	3.6	3.6	5.1	6.8	11.4	18.9	32.4	60.3
2.5°	3.6	3.6	3.6	3.6	3.6	5.3	7.0	12.1	20.4	35.4	65.0
0°	3.6	3.6	3.6	3.6	3.6	5.5	7.3	12.7	21.8	38.2	69.1
-2.5°	3.6	3.6	3.6	3.6	3.8	6.1	9.0	16.1	29.3	51.6	89.1
-5°	3.6	3.6	3.6	3.6	3.9	6.6	10.6	19.4	36.5	64.3	108.1
-7.5°	3.6	3.6	3.6	3.6	4.1	7.2	12.1	22.4	43.2	76.2	125.8
-10°	3.6	3.6	3.6	3.6	4.2	7.6	13.5	25.2	49.1	86.9	141.7
-12.5°	3.6	3.6	3.6	3.6	4.4	8.0	14.8	27.6	54.2	96.1	155.8
-15°	3.6	3.6	3.6	3.6	4.5	8.3	15.8	29.7	58.3	103.2	167.4
-17.5°	3.6	3.6	3.6	3.6	4.5	8.5	16.6	31.6	61.4	108.5	175.9
-20°	3.6	3.6	3.6	3.6	4.6	8.7	17.3	33.3	63.4	111.8	181.2



REPORT NUMBER: P1306241 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-530N-57-70-4S-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	3.6	3.6	3.6	4.6	8.7	17.9	34.5	64.1	113.0	182.8
-25°	3.6	3.6	3.6	3.6	4.6	8.8	18.2	34.9	63.4	112.0	180.5
-27.5°	3.6	3.6	3.6	3.6	4.6	8.7	18.1	34.7	61.3	109.5	178.9
-30°	3.6	3.6	3.6	3.6	4.5	8.6	17.6	33.8	59.9	106.9	174.3
-32.5°	3.6	3.6	3.6	3.6	4.6	8.3	16.8	33.1	58.7	102.3	166.5
-35°	3.6	3.6	3.6	3.6	4.6	7.8	16.1	32.0	56.6	95.6	155.3
-37.5°	3.6	3.6	3.6	3.6	4.6	7.3	15.5	30.3	53.4	86.8	141.6
-40°	3.6	3.6	3.6	3.6	4.5	7.3	14.6	27.9	49.1	80.6	127.7
-42.5°	3.6	3.6	3.6	3.6	4.5	7.2	13.4	25.0	45.2	73.5	111.7
-45°	3.6	3.6	3.6	3.7	4.6	7.1	12.0	22.2	41.1	65.4	95.1
-47.5°	3.6	3.6	3.6	3.7	4.7	6.9	10.3	20.2	36.1	56.6	85.0
-50°	3.6	3.6	3.6	3.7	4.7	6.7	9.7	17.8	29.8	49.3	73.9
-52.5°	3.6	3.6	3.6	3.8	4.6	6.4	9.4	15.0	25.3	41.1	62.2
-55°	3.6	3.6	3.6	3.8	4.5	6.2	9.0	12.2	21.4	32.2	51.8
-57.5°	3.6	3.6	3.6	3.8	4.4	6.0	8.5	11.6	17.4	26.5	40.4
-60°	3.6	3.6	3.6	3.7	4.3	5.7	8.0	10.9	13.8	21.7	30.5
-62.5°	3.6	3.6	3.6	3.7	4.2	5.4	7.4	10.0	12.8	16.7	24.8
-65°	3.6	3.6	3.6	3.7	4.1	5.0	6.8	9.2	11.6	14.5	18.9
-67.5°	3.6	3.6	3.6	3.7	4.0	4.7	6.2	8.3	10.4	13.0	15.8
-70°	3.6	3.6	3.6	3.6	3.9	4.5	5.4	7.3	9.4	11.4	13.9
-72.5°	3.6	3.6	3.6	3.6	3.8	4.2	5.0	6.4	8.3	10.2	12.0
-75°	3.6	3.6	3.6	3.6	3.6	4.0	4.6	5.7	7.2	8.9	10.7
-77.5°	3.6	3.6	3.6	3.6	3.6	3.7	4.1	5.1	6.3	7.7	9.3
-80°	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.5	5.5	6.6	7.9
-82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.0	4.6	5.4	6.4
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.9	4.2	4.7	5.2
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.9	4.1	4.4
-90°	3.6	2.7	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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
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	2.2	2.3	2.5
80°	1.8	1.8	1.9	1.8	2.0	2.3	2.7	3.2	3.5	3.6	3.6
77.5°	2.2	2.3	2.2	1.9	2.1	2.6	3.0	3.5	3.6	3.6	3.6
75°	2.9	2.8	2.4	2.0	2.1	2.5	3.0	3.5	3.6	3.6	3.6
72.5°	3.3	2.9	2.5	2.0	2.4	3.0	3.4	3.6	4.5	5.6	6.2
70°	3.4	3.0	2.8	2.9	3.3	4.0	5.6	7.6	9.5	10.3	11.0
67.5°	3.5	3.3	3.3	3.8	5.1	6.9	9.2	12.0	14.9	15.9	17.0
65°	3.6	3.5	4.1	5.3	7.1	9.9	13.0	16.3	21.3	23.8	24.9
62.5°	3.6	3.9	4.8	6.8	9.8	13.1	17.2	22.7	29.3	33.5	33.3
60°	3.6	4.1	6.1	9.1	12.4	16.4	21.7	29.3	38.6	45.2	40.7
57.5°	3.6	4.9	7.8	11.1	14.8	19.2	26.6	35.9	44.4	53.4	45.7
55°	4.1	6.2	9.4	13.0	17.3	22.6	29.8	37.2	46.4	49.8	41.7
52.5°	5.6	7.6	10.8	14.9	20.2	24.4	28.4	34.9	38.4	40.0	34.3
50°	7.0	9.2	12.1	17.2	21.7	24.1	24.6	28.6	30.3	28.9	26.2
47.5°	8.5	10.8	13.9	18.8	21.9	23.0	22.1	22.9	22.8	22.5	18.9
45°	10.1	12.8	16.0	19.4	21.7	21.4	21.0	18.5	21.0	20.3	18.6
42.5°	11.7	14.7	17.9	20.2	20.7	21.9	21.7	22.5	22.5	23.6	25.5
40°	13.3	16.5	20.1	21.7	21.1	24.5	29.4	31.8	28.6	34.6	39.7
37.5°	14.7	18.7	23.4	27.1	25.0	32.4	40.4	53.2	55.0	51.1	65.3
35°	16.0	21.3	31.1	39.7	41.9	45.3	67.7	88.1	100.8	93.4	104.2
32.5°	17.9	24.1	41.5	60.3	75.3	79.5	103.1	145.9	170.8	175.1	168.1
30°	21.0	33.9	57.2	86.4	119.8	149.8	170.5	219.4	260.2	304.7	331.2
27.5°	25.7	46.5	82.2	127.5	178.0	233.9	280.5	318.2	392.8	468.7	533.8
25°	31.1	72.2	110.8	179.0	259.0	336.3	401.1	458.9	557.3	675.5	873.4
22.5°	44.6	105.3	158.6	236.9	349.2	447.1	534.4	624.3	744.4	903.8	1317.5
20°	68.7	146.5	213.2	296.5	442.3	562.5	673.3	786.5	936.9	1270.6	2178.4
17.5°	96.5	189.6	265.7	362.1	511.6	664.6	816.6	941.2	1123.4	1615.9	3126.4
15°	127.0	233.9	313.1	422.2	577.4	743.7	913.7	1092.0	1369.9	2076.1	4026.1
12.5°	159.2	278.7	355.8	476.7	639.1	819.0	991.5	1184.6	1592.4	2774.3	5170.9
10°	192.1	323.3	394.3	525.7	696.3	889.7	1061.0	1262.6	1766.6	3221.1	5970.3
7.5°	213.1	355.0	425.8	569.3	748.7	955.0	1122.4	1327.0	1914.4	3504.8	6529.1
5°	228.9	371.1	436.1	589.0	783.1	1002.6	1170.0	1378.6	2033.3	3643.5	6915.2
2.5°	241.0	383.8	444.6	600.7	804.0	1024.8	1184.2	1398.0	2082.6	3727.3	7182.7
0°	249.2	393.0	451.2	607.6	818.6	1038.8	1191.6	1408.1	2090.3	3751.2	7313.2
-2.5°	262.9	400.2	464.8	619.9	826.3	1043.2	1197.7	1416.0	2120.9	3863.4	7512.6
-5°	272.9	404.4	476.3	627.5	827.5	1040.0	1197.7	1414.1	2103.2	3824.4	7261.1
-7.5°	279.7	406.2	485.4	630.0	816.5	1017.2	1173.3	1373.8	1992.8	3578.4	6578.2
-10°	284.7	412.1	496.9	626.2	792.4	980.1	1138.9	1324.8	1850.6	3232.9	5786.9
-12.5°	292.3	421.8	508.1	620.5	767.1	937.7	1098.9	1268.0	1678.3	2787.8	4892.4
-15°	296.2	429.8	518.5	614.0	742.2	890.5	1053.7	1204.0	1485.1	2250.8	3899.4
-17.5°	296.3	436.4	528.4	607.4	719.3	839.3	1008.3	1157.5	1349.0	1920.6	3207.2
-20°	292.5	442.0	538.0	601.4	700.3	807.6	971.4	1124.7	1293.4	1673.3	2520.5



REPORT NUMBER: P1306241 (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°	285.0	446.8	544.2	606.2	693.3	794.3	929.1	1085.5	1235.5	1409.3	1996.3
-25°	280.0	434.8	545.0	611.0	686.0	780.3	883.5	1039.4	1181.5	1348.8	1720.2
-27.5°	276.7	418.3	535.0	612.2	676.9	766.5	857.2	985.2	1140.2	1295.6	1465.4
-30°	268.1	388.4	521.2	606.6	673.2	753.9	839.3	935.7	1092.6	1243.3	1399.7
-32.5°	251.1	357.1	490.5	588.3	667.2	739.9	821.2	908.0	1032.1	1187.5	1331.2
-35°	231.3	332.8	452.6	565.4	655.4	726.1	800.4	882.4	973.8	1114.9	1274.6
-37.5°	213.0	304.5	413.7	531.6	626.0	711.7	776.5	854.2	939.1	1036.4	1196.0
-40°	191.2	272.3	377.2	488.2	594.1	688.1	761.1	823.3	901.7	1000.8	1099.8
-42.5°	167.0	244.5	337.9	443.6	548.4	648.6	743.1	803.8	873.2	965.5	1060.2
-45°	147.0	212.9	295.7	393.6	494.5	599.1	695.1	789.9	856.3	930.4	1020.4
-47.5°	124.6	180.4	256.2	339.7	435.9	535.1	638.0	736.6	838.0	908.9	979.5
-50°	103.1	152.7	212.3	289.1	372.9	466.5	563.3	671.6	773.7	872.5	954.3
-52.5°	89.6	122.4	175.9	237.9	312.5	393.9	486.3	586.3	691.6	796.5	886.4
-55°	75.0	102.6	139.4	192.4	253.3	324.8	404.2	495.8	591.3	691.8	787.0
-57.5°	60.9	84.8	112.1	149.1	200.7	257.0	325.9	401.3	487.1	576.1	655.6
-60°	46.7	67.1	90.5	117.3	150.1	198.4	247.8	310.1	381.4	453.3	522.6
-62.5°	33.2	49.7	69.3	91.5	117.3	143.4	182.8	228.4	275.7	334.0	391.6
-65°	26.6	34.4	48.9	67.4	87.1	109.7	133.1	157.1	195.7	234.3	271.2
-67.5°	19.6	26.5	33.9	43.5	60.3	77.2	95.5	116.3	137.4	157.0	180.6
-70°	16.6	19.1	24.7	31.4	38.0	45.9	60.6	76.4	92.7	108.1	124.5
-72.5°	14.3	16.6	18.9	21.2	26.4	31.3	35.9	40.2	49.5	62.4	74.8
-75°	12.3	14.1	16.2	18.3	20.0	21.5	23.5	27.4	31.3	35.1	38.6
-77.5°	10.4	11.6	13.2	15.1	16.6	17.6	18.8	20.1	21.8	23.7	25.7
-80°	8.5	9.1	10.0	11.1	12.4	13.6	14.6	15.4	16.4	17.7	19.1
-82.5°	6.9	7.3	7.7	8.1	8.8	9.6	10.5	11.5	12.1	12.8	13.5
-85°	5.4	5.5	5.8	6.0	6.4	6.8	7.2	7.7	8.3	8.8	9.2
-87.5°	4.5	4.5	4.6	4.7	4.8	4.8	4.9	4.9	5.3	5.7	6.2
-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):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.6	4.1	4.6	5.0	5.5	6.0	6.4	6.9	7.3	7.3	7.3
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°	2.6	2.5	2.4	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	3.6	3.4	3.2	3.0	2.9	2.8	2.5	2.2	1.8	1.8	1.8
77.5°	3.6	3.6	3.6	3.6	3.6	3.2	2.8	2.3	1.9	1.8	1.8
75°	3.6	3.7	4.0	4.0	3.7	3.4	3.3	3.2	3.2	3.0	2.7
72.5°	6.5	6.4	6.1	6.1	5.8	5.8	5.9	5.7	5.2	5.1	5.2
70°	11.6	12.0	12.0	11.5	10.4	9.3	8.6	7.9	7.1	6.7	6.4
67.5°	18.0	18.1	17.1	15.4	12.9	10.6	9.6	8.7	7.7	7.4	7.8
65°	24.8	22.6	19.9	16.9	13.7	10.8	10.0	9.3	8.8	8.9	9.5
62.5°	30.7	24.8	19.9	16.5	13.5	10.7	9.9	9.1	8.4	7.9	7.7
60°	33.9	24.9	17.9	14.8	12.0	9.5	8.4	7.8	7.5	7.3	7.3
57.5°	34.0	23.5	15.6	12.8	10.3	8.1	7.3	7.3	7.3	7.3	7.3
55°	30.2	20.6	13.3	11.0	9.4	8.0	7.4	7.6	7.6	7.3	7.7
52.5°	23.7	17.0	12.4	10.3	9.6	9.1	9.0	8.9	8.7	8.5	8.7
50°	18.8	14.1	12.0	10.7	10.7	10.7	10.7	10.9	11.2	11.3	11.4
47.5°	15.8	13.3	13.5	12.4	12.9	14.0	14.3	14.5	15.0	15.1	14.7
45°	16.2	18.8	19.3	19.0	18.7	21.4	21.2	19.5	21.8	22.5	22.0
42.5°	26.8	29.0	30.5	31.8	33.4	35.4	36.5	35.9	38.0	38.0	35.5
40°	45.2	43.0	46.5	50.6	54.3	55.7	59.2	62.7	64.1	63.3	60.9
37.5°	74.1	70.9	71.2	80.5	89.0	78.9	93.7	99.6	95.9	109.2	111.8
35°	123.1	136.2	117.4	150.5	167.0	158.9	176.6	211.7	184.6	234.2	246.3
32.5°	218.9	250.2	269.8	297.8	339.0	393.2	406.9	493.3	520.9	561.0	604.1
30°	357.8	446.2	608.9	639.2	678.5	865.2	916.6	963.6	1061.9	1137.6	1266.4
27.5°	650.1	888.4	1228.7	1528.3	1506.4	1822.3	2173.9	1780.2	2364.3	2130.0	2690.3
25°	1217.4	1742.7	2563.3	3357.2	3736.2	4380.0	5185.1	5032.7	6094.9	6168.7	7735.5
22.5°	2315.5	3456.8	4711.5	6061.1	7370.4	8819.4	10211.7	11671.3	13865.8	16897.9	19844.7
20°	3788.5	5466.5	7493.0	9582.7	11798.8	14052.2	16670.2	21103.8	25649.6	31959.5	36417.2
17.5°	5384.5	8055.3	10542.9	13132.0	16230.1	19975.8	25391.3	32966.8	42155.6	51588.0	58884.9
15°	6778.7	9800.1	13385.7	16837.5	20689.9	26312.4	34818.0	46038.9	59703.7	74043.0	91382.6
12.5°	8127.7	11283.6	15180.2	19546.2	24781.3	32828.7	43854.0	59017.9	77120.5	98668.1	120938.7
10°	9174.6	12637.4	16974.3	21891.2	28280.8	38164.6	50976.8	68879.8	95705.0	121141.7	146573.2
7.5°	9992.7	13888.1	18482.0	23642.4	31082.3	42211.5	57540.2	80076.9	108419.9	135941.6	159365.9
5°	10719.8	14916.6	19503.5	24629.4	33099.1	45156.0	61662.8	87400.7	117646.5	144695.0	166985.2
2.5°	11292.5	15589.1	20064.6	25123.9	34397.3	46781.4	63837.0	91331.0	123593.7	150297.7	171581.9
0°	11639.3	15708.9	20158.7	25228.9	34495.9	47517.9	65533.5	93051.0	125715.0	153039.5	173973.3
-2.5°	11515.0	15440.3	19853.6	24920.2	34170.6	46827.6	64168.9	92179.5	123917.4	149482.1	170535.9
-5°	10896.1	14561.6	18659.7	23426.7	32012.2	44205.7	60300.5	85843.1	115675.4	141196.7	161008.4
-7.5°	9920.2	13333.5	17095.9	21509.1	28933.5	39951.9	54618.6	76355.1	103437.0	126985.3	144864.3
-10°	8828.4	11909.8	15169.6	19078.4	24881.8	34234.6	46482.3	63079.7	86306.2	107479.1	124383.9
-12.5°	7516.1	10079.7	12819.9	16190.8	20589.4	28214.2	38511.6	51975.4	68124.8	86965.8	102355.9
-15°	6152.2	8307.4	10575.5	13737.5	17488.9	22345.9	29747.7	40451.4	52438.8	65307.4	79271.1
-17.5°	4940.4	6765.1	9170.0	11833.2	14692.4	18072.2	24192.2	31486.8	40162.2	49341.0	57768.4
-20°	3968.6	5904.0	8064.4	10380.4	13007.5	16257.6	20017.2	25559.2	31992.6	39038.7	45789.7



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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°	3264.6	5000.2	7006.5	9178.9	11836.7	14762.5	17807.3	21285.4	25902.2	31319.4	36505.7
-25°	2486.5	3936.8	5883.0	8074.0	10522.4	13102.5	15574.0	18409.2	21784.5	25309.2	28940.8
-27.5°	1970.9	2994.7	4592.7	6650.2	8915.7	10935.8	13053.3	15414.1	18365.7	21432.3	23452.9
-30°	1608.6	2208.1	3407.6	5015.1	6908.5	8691.3	10429.8	12551.6	14868.7	17069.6	18855.9
-32.5°	1502.7	1770.9	2391.6	3537.2	4959.4	6550.5	8111.3	10005.3	11803.7	13545.4	15081.2
-35°	1428.0	1599.5	1833.6	2431.2	3287.8	4580.9	6007.0	7609.7	9232.8	10639.8	11942.4
-37.5°	1358.3	1507.1	1662.1	1816.3	2298.5	2890.4	3894.7	5162.4	6393.6	7532.1	8653.4
-40°	1258.9	1422.0	1547.2	1679.0	1822.5	1985.4	2511.0	3029.0	3631.7	4504.9	5269.8
-42.5°	1153.5	1289.4	1432.0	1555.4	1675.4	1800.6	1933.1	2064.7	2340.2	2682.8	2963.4
-45°	1109.4	1191.2	1289.2	1418.0	1538.6	1651.1	1758.9	1863.1	1973.2	2073.7	2155.8
-47.5°	1056.7	1131.1	1210.3	1294.3	1382.8	1491.5	1598.1	1704.3	1800.6	1890.1	1961.5
-50°	1008.0	1066.4	1137.3	1208.8	1279.5	1352.3	1425.9	1507.8	1599.9	1690.5	1765.1
-52.5°	968.2	1021.7	1072.4	1123.1	1184.6	1246.3	1308.2	1373.4	1436.2	1495.7	1542.0
-55°	871.5	946.8	1021.0	1068.8	1110.3	1152.4	1199.2	1257.6	1313.3	1366.1	1397.2
-57.5°	739.8	827.1	907.2	963.7	1021.6	1080.2	1128.5	1170.2	1212.4	1252.6	1274.6
-60°	593.4	665.1	737.7	805.0	869.3	930.0	986.3	1041.2	1091.9	1134.7	1160.6
-62.5°	448.5	508.0	566.9	623.2	677.4	730.1	790.2	848.0	903.1	948.0	975.7
-65°	312.3	361.0	406.7	450.5	492.5	537.4	584.1	629.5	673.0	707.6	730.3
-67.5°	212.4	242.4	269.7	295.7	327.6	362.2	396.4	428.3	457.5	479.9	495.8
-70°	141.1	157.1	171.5	188.4	209.2	230.3	251.5	271.1	289.1	302.6	312.6
-72.5°	86.8	97.9	108.3	119.6	130.3	141.3	152.8	164.1	175.0	182.9	188.9
-75°	41.8	46.9	56.1	64.4	72.0	79.0	85.4	91.0	95.8	98.8	100.9
-77.5°	28.5	30.8	33.1	35.4	37.7	40.5	43.4	46.2	48.8	50.9	52.7
-80°	20.6	21.8	22.8	23.7	24.5	25.7	27.0	28.3	29.6	30.1	30.4
-82.5°	14.2	15.2	16.1	17.0	17.9	18.7	19.6	20.3	21.0	21.7	22.3
-85°	9.6	10.1	10.6	11.1	11.7	12.3	13.0	13.6	14.2	14.3	14.4
-87.5°	6.6	6.8	6.9	7.0	7.1	7.6	8.1	8.6	9.0	9.1	9.1
-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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.9
87.5°	1.8	1.8	0.9	0.0	0.9	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	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	2.2
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.3
75°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.0	3.2	3.2
72.5°	5.3	5.4	4.6	3.6	4.6	5.4	5.3	5.2	5.1	5.2	5.7
70°	6.0	5.6	5.5	5.5	5.5	5.6	6.0	6.4	6.7	7.1	7.9
67.5°	8.3	8.9	9.1	9.1	9.1	8.9	8.3	7.8	7.4	7.7	8.7
65°	10.1	10.7	10.1	9.1	10.1	10.7	10.1	9.5	8.9	8.8	9.3
62.5°	7.6	7.5	7.3	7.3	7.3	7.5	7.6	7.7	7.9	8.4	9.1
60°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.8
57.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
55°	8.2	8.8	9.1	9.1	9.1	8.8	8.2	7.7	7.3	7.6	7.6
52.5°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	8.7	8.5	8.7	8.9
50°	11.3	11.0	10.9	10.9	10.9	11.0	11.3	11.4	11.3	11.2	10.9
47.5°	14.1	13.2	12.7	12.7	12.7	13.2	14.1	14.7	15.1	15.0	14.5
45°	22.1	21.8	21.6	21.8	21.6	21.8	22.1	22.0	22.5	21.8	19.5
42.5°	36.9	37.5	36.9	34.6	36.9	37.5	36.9	35.5	38.0	38.0	35.9
40°	61.0	58.7	55.5	54.6	55.5	58.7	61.0	60.9	63.3	64.1	62.7
37.5°	113.2	113.1	110.6	109.2	110.6	113.1	113.2	111.8	109.2	95.9	99.6
35°	238.2	236.2	223.3	211.0	223.3	236.2	238.2	246.3	234.2	184.6	211.7
32.5°	618.6	651.4	648.3	629.4	648.3	651.4	618.6	604.1	561.0	520.9	493.3
30°	1316.0	1374.7	1362.4	1284.4	1362.4	1374.7	1316.0	1266.4	1137.6	1061.9	963.6
27.5°	2720.0	2857.6	2978.7	2819.8	2978.7	2857.6	2720.0	2690.3	2130.0	2364.3	1780.2
25°	9304.2	10199.0	10728.3	9905.6	10728.3	10199.0	9304.2	7735.5	6168.7	6094.9	5032.7
22.5°	22205.4	23320.5	23915.5	24255.6	23915.5	23320.5	22205.4	19844.7	16897.9	13865.8	11671.3
20°	40732.2	43116.6	44643.9	41567.2	44643.9	43116.6	40732.2	36417.2	31959.5	25649.6	21103.8
17.5°	69007.5	77801.1	82431.0	84946.4	82431.0	77801.1	69007.5	58884.9	51588.0	42155.6	32966.8
15°	104764.3	116015.6	123613.5	126588.2	123613.5	116015.6	104764.3	91382.6	74043.0	59703.7	46038.9
12.5°	138572.7	150182.4	157192.7	158954.8	157192.7	150182.4	138572.7	120938.7	98668.1	77120.5	59017.9
10°	162619.6	173558.6	181622.8	184453.7	181622.8	173558.6	162619.6	146573.2	121141.7	95705.0	68879.8
7.5°	176006.6	188793.6	195901.0	197670.3	195901.0	188793.6	176006.6	159365.9	135941.6	108419.9	80076.9
5°	183711.2	195264.4	203033.7	203975.7	203033.7	195264.4	183711.2	166985.2	144695.0	117646.5	87400.7
2.5°	188678.8	199977.5	206514.3	208435.6	206514.3	199977.5	188678.8	171581.9	150297.7	123593.7	91331.0
0°	189897.8	200286.4	208183.6	210641.3	208183.6	200286.4	189897.8	173973.3	153039.5	125715.0	93051.0
-2.5°	186206.9	196228.7	201489.2	202342.1	201489.2	196228.7	186206.9	170535.9	149482.1	123917.4	92179.5
-5°	176781.5	184193.3	190266.1	191042.9	190266.1	184193.3	176781.5	161008.4	141196.7	115675.4	85843.1
-7.5°	156760.2	165074.7	168433.5	169342.5	168433.5	165074.7	156760.2	144864.3	126985.3	103437.0	76355.1
-10°	135458.0	142580.8	144960.3	146244.8	144960.3	142580.8	135458.0	124383.9	107479.1	86306.2	63079.7
-12.5°	114603.0	121568.1	123908.4	125767.8	123908.4	121568.1	114603.0	102355.9	86965.8	68124.8	51975.4
-15°	91236.7	98095.4	101876.6	103969.9	101876.6	98095.4	91236.7	79271.1	65307.4	52438.8	40451.4
-17.5°	68463.8	74977.5	79378.5	81939.2	79378.5	74977.5	68463.8	57768.4	49341.0	40162.2	31486.8
-20°	51911.8	56320.3	59707.1	61716.8	59707.1	56320.3	51911.8	45789.7	39038.7	31992.6	25559.2



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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°	40550.8	43604.2	45566.1	46850.2	45566.1	43604.2	40550.8	36505.7	31319.4	25902.2	21285.4
-25°	31692.9	33696.8	34965.6	36004.1	34965.6	33696.8	31692.9	28940.8	25309.2	21784.5	18409.2
-27.5°	25094.1	26168.5	26729.3	27492.0	26729.3	26168.5	25094.1	23452.9	21432.3	18365.7	15414.1
-30°	20173.1	20997.5	21443.2	21608.6	21443.2	20997.5	20173.1	18855.9	17069.6	14868.7	12551.6
-32.5°	16236.0	17014.7	17577.2	17841.0	17577.2	17014.7	16236.0	15081.2	13545.4	11803.7	10005.3
-35°	12953.2	13602.9	14046.3	14289.9	14046.3	13602.9	12953.2	11942.4	10639.8	9232.8	7609.7
-37.5°	9581.9	10294.8	10782.9	10949.8	10782.9	10294.8	9581.9	8653.4	7532.1	6393.6	5162.4
-40°	5878.9	6333.0	6626.1	6749.3	6626.1	6333.0	5878.9	5269.8	4504.9	3631.7	3029.0
-42.5°	3182.2	3348.9	3464.6	3531.1	3464.6	3348.9	3182.2	2963.4	2682.8	2340.2	2064.7
-45°	2209.0	2251.2	2277.9	2288.6	2277.9	2251.2	2209.0	2155.8	2073.7	1973.2	1863.1
-47.5°	2013.8	2059.4	2083.6	2084.8	2083.6	2059.4	2013.8	1961.5	1890.1	1800.6	1704.3
-50°	1824.0	1873.7	1898.7	1901.1	1898.7	1873.7	1824.0	1765.1	1690.5	1599.9	1507.8
-52.5°	1584.2	1623.5	1640.6	1639.1	1640.6	1623.5	1584.2	1542.0	1495.7	1436.2	1373.4
-55°	1424.1	1447.5	1457.9	1459.0	1457.9	1447.5	1424.1	1397.2	1366.1	1313.3	1257.6
-57.5°	1294.3	1311.6	1317.7	1317.1	1317.7	1311.6	1294.3	1274.6	1252.6	1212.4	1170.2
-60°	1183.2	1202.0	1207.3	1204.3	1207.3	1202.0	1183.2	1160.6	1134.7	1091.9	1041.2
-62.5°	998.3	1015.6	1024.2	1026.0	1024.2	1015.6	998.3	975.7	948.0	903.1	848.0
-65°	748.2	761.2	768.0	769.5	768.0	761.2	748.2	730.3	707.6	673.0	629.5
-67.5°	508.2	516.9	519.7	518.5	519.7	516.9	508.2	495.8	479.9	457.5	428.3
-70°	320.7	326.8	328.4	327.5	328.4	326.8	320.7	312.6	302.6	289.1	271.1
-72.5°	193.7	197.4	197.7	196.5	197.7	197.4	193.7	188.9	182.9	175.0	164.1
-75°	102.1	102.7	102.6	101.9	102.6	102.7	102.1	100.9	98.8	95.8	91.0
-77.5°	54.4	55.9	55.4	54.6	55.4	55.9	54.4	52.7	50.9	48.8	46.2
-80°	30.6	30.8	30.9	30.9	30.9	30.8	30.6	30.4	30.1	29.6	28.3
-82.5°	22.9	23.5	22.7	21.8	22.7	23.5	22.9	22.3	21.7	21.0	20.3
-85°	14.5	14.6	14.6	14.6	14.6	14.6	14.5	14.4	14.3	14.2	13.6
-87.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.6
-90°	0.5	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°	6.4	6.0	5.5	5.0	4.6	4.1	3.6	3.6	3.6	3.6	3.6
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	2.1	2.4	2.5	2.6	2.5	2.3	2.2	2.0
80°	2.5	2.8	2.9	3.0	3.2	3.4	3.6	3.6	3.6	3.5	3.2
77.5°	2.8	3.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
75°	3.3	3.4	3.7	4.0	4.0	3.7	3.6	3.6	3.6	3.6	3.5
72.5°	5.9	5.8	5.8	6.1	6.1	6.4	6.5	6.2	5.6	4.5	3.6
70°	8.6	9.3	10.4	11.5	12.0	12.0	11.6	11.0	10.3	9.5	7.6
67.5°	9.6	10.6	12.9	15.4	17.1	18.1	18.0	17.0	15.9	14.9	12.0
65°	10.0	10.8	13.7	16.9	19.9	22.6	24.8	24.9	23.8	21.3	16.3
62.5°	9.9	10.7	13.5	16.5	19.9	24.8	30.7	33.3	33.5	29.3	22.7
60°	8.4	9.5	12.0	14.8	17.9	24.9	33.9	40.7	45.2	38.6	29.3
57.5°	7.3	8.1	10.3	12.8	15.6	23.5	34.0	45.7	53.4	44.4	35.9
55°	7.4	8.0	9.4	11.0	13.3	20.6	30.2	41.7	49.8	46.4	37.2
52.5°	9.0	9.1	9.6	10.3	12.4	17.0	23.7	34.3	40.0	38.4	34.9
50°	10.7	10.7	10.7	10.7	12.0	14.1	18.8	26.2	28.9	30.3	28.6
47.5°	14.3	14.0	12.9	12.4	13.5	13.3	15.8	18.9	22.5	22.8	22.9
45°	21.2	21.4	18.7	19.0	19.3	18.8	16.2	18.6	20.3	21.0	18.5
42.5°	36.5	35.4	33.4	31.8	30.5	29.0	26.8	25.5	23.6	22.5	22.5
40°	59.2	55.7	54.3	50.6	46.5	43.0	45.2	39.7	34.6	28.6	31.8
37.5°	93.7	78.9	89.0	80.5	71.2	70.9	74.1	65.3	51.1	55.0	53.2
35°	176.6	158.9	167.0	150.5	117.4	136.2	123.1	104.2	93.4	100.8	88.1
32.5°	406.9	393.2	339.0	297.8	269.8	250.2	218.9	168.1	175.1	170.8	145.9
30°	916.6	865.2	678.5	639.2	608.9	446.2	357.8	331.2	304.7	260.2	219.4
27.5°	2173.9	1822.3	1506.4	1528.3	1228.7	888.4	650.1	533.8	468.7	392.8	318.2
25°	5185.1	4380.0	3736.2	3357.2	2563.3	1742.7	1217.4	873.4	675.5	557.3	458.9
22.5°	10211.7	8819.4	7370.4	6061.1	4711.5	3456.8	2315.5	1317.5	903.8	744.4	624.3
20°	16670.2	14052.2	11798.8	9582.7	7493.0	5466.5	3788.5	2178.4	1270.6	936.9	786.5
17.5°	25391.3	19975.8	16230.1	13132.0	10542.9	8055.3	5384.5	3126.4	1615.9	1123.4	941.2
15°	34818.0	26312.4	20689.9	16837.5	13385.7	9800.1	6778.7	4026.1	2076.1	1369.9	1092.0
12.5°	43854.0	32828.7	24781.3	19546.2	15180.2	11283.6	8127.7	5170.9	2774.3	1592.4	1184.6
10°	50976.8	38164.6	28280.8	21891.2	16974.3	12637.4	9174.6	5970.3	3221.1	1766.6	1262.6
7.5°	57540.2	42211.5	31082.3	23642.4	18482.0	13888.1	9992.7	6529.1	3504.8	1914.4	1327.0
5°	61662.8	45156.0	33099.1	24629.4	19503.5	14916.6	10719.8	6915.2	3643.5	2033.3	1378.6
2.5°	63837.0	46781.4	34397.3	25123.9	20064.6	15589.1	11292.5	7182.7	3727.3	2082.6	1398.0
0°	65533.5	47517.9	34495.9	25228.9	20158.7	15708.9	11639.3	7313.2	3751.2	2090.3	1408.1
-2.5°	64168.9	46827.6	34170.6	24920.2	19853.6	15440.3	11515.0	7512.6	3863.4	2120.9	1416.0
-5°	60300.5	44205.7	32012.2	23426.7	18659.7	14561.6	10896.1	7261.1	3824.4	2103.2	1414.1
-7.5°	54618.6	39951.9	28933.5	21509.1	17095.9	13333.5	9920.2	6578.2	3578.4	1992.8	1373.8
-10°	46482.3	34234.6	24881.8	19078.4	15169.6	11909.8	8828.4	5786.9	3232.9	1850.6	1324.8
-12.5°	38511.6	28214.2	20589.4	16190.8	12819.9	10079.7	7516.1	4892.4	2787.8	1678.3	1268.0
-15°	29747.7	22345.9	17488.9	13737.5	10575.5	8307.4	6152.2	3899.4	2250.8	1485.1	1204.0
-17.5°	24192.2	18072.2	14692.4	11833.2	9170.0	6765.1	4940.4	3207.2	1920.6	1349.0	1157.5
-20°	20017.2	16257.6	13007.5	10380.4	8064.4	5904.0	3968.6	2520.5	1673.3	1293.4	1124.7



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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°	17807.3	14762.5	11836.7	9178.9	7006.5	5000.2	3264.6	1996.3	1409.3	1235.5	1085.5
-25°	15574.0	13102.5	10522.4	8074.0	5883.0	3936.8	2486.5	1720.2	1348.8	1181.5	1039.4
-27.5°	13053.3	10935.8	8915.7	6650.2	4592.7	2994.7	1970.9	1465.4	1295.6	1140.2	985.2
-30°	10429.8	8691.3	6908.5	5015.1	3407.6	2208.1	1608.6	1399.7	1243.3	1092.6	935.7
-32.5°	8111.3	6550.5	4959.4	3537.2	2391.6	1770.9	1502.7	1331.2	1187.5	1032.1	908.0
-35°	6007.0	4580.9	3287.8	2431.2	1833.6	1599.5	1428.0	1274.6	1114.9	973.8	882.4
-37.5°	3894.7	2890.4	2298.5	1816.3	1662.1	1507.1	1358.3	1196.0	1036.4	939.1	854.2
-40°	2511.0	1985.4	1822.5	1679.0	1547.2	1422.0	1258.9	1099.8	1000.8	901.7	823.3
-42.5°	1933.1	1800.6	1675.4	1555.4	1432.0	1289.4	1153.5	1060.2	965.5	873.2	803.8
-45°	1758.9	1651.1	1538.6	1418.0	1289.2	1191.2	1109.4	1020.4	930.4	856.3	789.9
-47.5°	1598.1	1491.5	1382.8	1294.3	1210.3	1131.1	1056.7	979.5	908.9	838.0	736.6
-50°	1425.9	1352.3	1279.5	1208.8	1137.3	1066.4	1008.0	954.3	872.5	773.7	671.6
-52.5°	1308.2	1246.3	1184.6	1123.1	1072.4	1021.7	968.2	886.4	796.5	691.6	586.3
-55°	1199.2	1152.4	1110.3	1068.8	1021.0	946.8	871.5	787.0	691.8	591.3	495.8
-57.5°	1128.5	1080.2	1021.6	963.7	907.2	827.1	739.8	655.6	576.1	487.1	401.3
-60°	986.3	930.0	869.3	805.0	737.7	665.1	593.4	522.6	453.3	381.4	310.1
-62.5°	790.2	730.1	677.4	623.2	566.9	508.0	448.5	391.6	334.0	275.7	228.4
-65°	584.1	537.4	492.5	450.5	406.7	361.0	312.3	271.2	234.3	195.7	157.1
-67.5°	396.4	362.2	327.6	295.7	269.7	242.4	212.4	180.6	157.0	137.4	116.3
-70°	251.5	230.3	209.2	188.4	171.5	157.1	141.1	124.5	108.1	92.7	76.4
-72.5°	152.8	141.3	130.3	119.6	108.3	97.9	86.8	74.8	62.4	49.5	40.2
-75°	85.4	79.0	72.0	64.4	56.1	46.9	41.8	38.6	35.1	31.3	27.4
-77.5°	43.4	40.5	37.7	35.4	33.1	30.8	28.5	25.7	23.7	21.8	20.1
-80°	27.0	25.7	24.5	23.7	22.8	21.8	20.6	19.1	17.7	16.4	15.4
-82.5°	19.6	18.7	17.9	17.0	16.1	15.2	14.2	13.5	12.8	12.1	11.5
-85°	13.0	12.3	11.7	11.1	10.6	10.1	9.6	9.2	8.8	8.3	7.7
-87.5°	8.1	7.6	7.1	7.0	6.9	6.8	6.6	6.2	5.7	5.3	4.9
-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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
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	1.8	1.9	1.8	1.8
80°	2.7	2.3	2.0	1.8	1.9	1.8	1.8	1.8	2.1	2.1	2.1
77.5°	3.0	2.6	2.1	1.9	2.2	2.3	2.2	2.1	2.3	2.5	2.5
75°	3.0	2.5	2.1	2.0	2.4	2.8	2.9	2.8	2.7	2.8	2.9
72.5°	3.4	3.0	2.4	2.0	2.5	2.9	3.3	3.5	3.2	3.1	3.3
70°	5.6	4.0	3.3	2.9	2.8	3.0	3.4	3.6	3.6	3.4	3.4
67.5°	9.2	6.9	5.1	3.8	3.3	3.3	3.5	3.6	3.6	3.6	3.5
65°	13.0	9.9	7.1	5.3	4.1	3.5	3.6	3.6	3.6	3.6	3.6
62.5°	17.2	13.1	9.8	6.8	4.8	3.9	3.6	3.6	3.6	3.6	3.6
60°	21.7	16.4	12.4	9.1	6.1	4.1	3.6	3.6	3.6	3.6	3.6
57.5°	26.6	19.2	14.8	11.1	7.8	4.9	3.6	3.6	3.6	3.6	3.6
55°	29.8	22.6	17.3	13.0	9.4	6.2	4.1	3.6	3.6	3.6	3.6
52.5°	28.4	24.4	20.2	14.9	10.8	7.6	5.6	3.6	3.6	3.6	3.6
50°	24.6	24.1	21.7	17.2	12.1	9.2	7.0	4.7	3.6	3.6	3.6
47.5°	22.1	23.0	21.9	18.8	13.9	10.8	8.5	6.0	3.6	3.6	3.6
45°	21.0	21.4	21.7	19.4	16.0	12.8	10.1	7.1	4.6	3.7	3.6
42.5°	21.7	21.9	20.7	20.2	17.9	14.7	11.7	8.6	5.7	3.8	3.7
40°	29.4	24.5	21.1	21.7	20.1	16.5	13.3	10.1	6.6	4.2	3.8
37.5°	40.4	32.4	25.0	27.1	23.4	18.7	14.7	11.7	7.8	5.2	4.0
35°	67.7	45.3	41.9	39.7	31.1	21.3	16.0	13.1	9.3	6.1	4.2
32.5°	103.1	79.5	75.3	60.3	41.5	24.1	17.9	14.4	10.6	6.9	4.5
30°	170.5	149.8	119.8	86.4	57.2	33.9	21.0	16.0	11.9	7.7	4.9
27.5°	280.5	233.9	178.0	127.5	82.2	46.5	25.7	17.9	13.2	8.6	5.6
25°	401.1	336.3	259.0	179.0	110.8	72.2	31.1	20.0	14.5	9.6	6.2
22.5°	534.4	447.1	349.2	236.9	158.6	105.3	44.6	24.3	16.1	10.6	6.8
20°	673.3	562.5	442.3	296.5	213.2	146.5	68.7	29.0	17.8	11.5	7.3
17.5°	816.6	664.6	511.6	362.1	265.7	189.6	96.5	33.9	19.5	12.3	7.8
15°	913.7	743.7	577.4	422.2	313.1	233.9	127.0	39.0	21.2	13.0	8.4
12.5°	991.5	819.0	639.1	476.7	355.8	278.7	159.2	44.2	23.0	14.2	9.2
10°	1061.0	889.7	696.3	525.7	394.3	323.3	192.1	49.5	26.0	15.8	10.0
7.5°	1122.4	955.0	748.7	569.3	425.8	355.0	213.1	55.2	29.3	17.4	10.7
5°	1170.0	1002.6	783.1	589.0	436.1	371.1	228.9	60.3	32.4	18.9	11.4
2.5°	1184.2	1024.8	804.0	600.7	444.6	383.8	241.0	65.0	35.4	20.4	12.1
0°	1191.6	1038.8	818.6	607.6	451.2	393.0	249.2	69.1	38.2	21.8	12.7
-2.5°	1197.7	1043.2	826.3	619.9	464.8	400.2	262.9	89.1	51.6	29.3	16.1
-5°	1197.7	1040.0	827.5	627.5	476.3	404.4	272.9	108.1	64.3	36.5	19.4
-7.5°	1173.3	1017.2	816.5	630.0	485.4	406.2	279.7	125.8	76.2	43.2	22.4
-10°	1138.9	980.1	792.4	626.2	496.9	412.1	284.7	141.7	86.9	49.1	25.2
-12.5°	1098.9	937.7	767.1	620.5	508.1	421.8	292.3	155.8	96.1	54.2	27.6
-15°	1053.7	890.5	742.2	614.0	518.5	429.8	296.2	167.4	103.2	58.3	29.7
-17.5°	1008.3	839.3	719.3	607.4	528.4	436.4	296.3	175.9	108.5	61.4	31.6
-20°	971.4	807.6	700.3	601.4	538.0	442.0	292.5	181.2	111.8	63.4	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°	929.1	794.3	693.3	606.2	544.2	446.8	285.0	182.8	113.0	64.1	34.5
-25°	883.5	780.3	686.0	611.0	545.0	434.8	280.0	180.5	112.0	63.4	34.9
-27.5°	857.2	766.5	676.9	612.2	535.0	418.3	276.7	178.9	109.5	61.3	34.7
-30°	839.3	753.9	673.2	606.6	521.2	388.4	268.1	174.3	106.9	59.9	33.8
-32.5°	821.2	739.9	667.2	588.3	490.5	357.1	251.1	166.5	102.3	58.7	33.1
-35°	800.4	726.1	655.4	565.4	452.6	332.8	231.3	155.3	95.6	56.6	32.0
-37.5°	776.5	711.7	626.0	531.6	413.7	304.5	213.0	141.6	86.8	53.4	30.3
-40°	761.1	688.1	594.1	488.2	377.2	272.3	191.2	127.7	80.6	49.1	27.9
-42.5°	743.1	648.6	548.4	443.6	337.9	244.5	167.0	111.7	73.5	45.2	25.0
-45°	695.1	599.1	494.5	393.6	295.7	212.9	147.0	95.1	65.4	41.1	22.2
-47.5°	638.0	535.1	435.9	339.7	256.2	180.4	124.6	85.0	56.6	36.1	20.2
-50°	563.3	466.5	372.9	289.1	212.3	152.7	103.1	73.9	49.3	29.8	17.8
-52.5°	486.3	393.9	312.5	237.9	175.9	122.4	89.6	62.2	41.1	25.3	15.0
-55°	404.2	324.8	253.3	192.4	139.4	102.6	75.0	51.8	32.2	21.4	12.2
-57.5°	325.9	257.0	200.7	149.1	112.1	84.8	60.9	40.4	26.5	17.4	11.6
-60°	247.8	198.4	150.1	117.3	90.5	67.1	46.7	30.5	21.7	13.8	10.9
-62.5°	182.8	143.4	117.3	91.5	69.3	49.7	33.2	24.8	16.7	12.8	10.0
-65°	133.1	109.7	87.1	67.4	48.9	34.4	26.6	18.9	14.5	11.6	9.2
-67.5°	95.5	77.2	60.3	43.5	33.9	26.5	19.6	15.8	13.0	10.4	8.3
-70°	60.6	45.9	38.0	31.4	24.7	19.1	16.6	13.9	11.4	9.4	7.3
-72.5°	35.9	31.3	26.4	21.2	18.9	16.6	14.3	12.0	10.2	8.3	6.4
-75°	23.5	21.5	20.0	18.3	16.2	14.1	12.3	10.7	8.9	7.2	5.7
-77.5°	18.8	17.6	16.6	15.1	13.2	11.6	10.4	9.3	7.7	6.3	5.1
-80°	14.6	13.6	12.4	11.1	10.0	9.1	8.5	7.9	6.6	5.5	4.5
-82.5°	10.5	9.6	8.8	8.1	7.7	7.3	6.9	6.4	5.4	4.6	4.0
-85°	7.2	6.8	6.4	6.0	5.8	5.5	5.4	5.2	4.7	4.2	3.9
-87.5°	4.9	4.8	4.8	4.7	4.6	4.5	4.5	4.4	4.1	3.9	3.7
-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):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
87.5°	1.8	1.9	2.0	2.0	2.0	2.7	3.6
85°	1.8	2.0	2.1	2.2	2.1	2.8	3.6
82.5°	1.8	2.1	2.3	2.3	2.3	2.8	3.6
80°	1.9	2.2	2.4	2.5	2.4	2.9	3.6
77.5°	2.4	2.4	2.6	2.7	2.6	2.9	3.6
75°	2.8	2.7	2.8	2.9	2.8	3.0	3.6
72.5°	3.2	3.0	2.9	3.1	2.9	3.0	3.6
70°	3.6	3.2	3.1	3.2	3.1	3.0	3.6
67.5°	3.6	3.5	3.2	3.3	3.2	3.1	3.6
65°	3.6	3.6	3.4	3.4	3.3	3.1	3.6
62.5°	3.6	3.6	3.5	3.4	3.5	3.2	3.6
60°	3.6	3.6	3.6	3.5	3.6	3.2	3.6
57.5°	3.6	3.6	3.6	3.5	3.6	3.2	3.6
55°	3.6	3.6	3.6	3.5	3.6	3.3	3.6
52.5°	3.6	3.6	3.6	3.6	3.6	3.3	3.6
50°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
47.5°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
45°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
42.5°	3.6	3.6	3.6	3.6	3.6	3.4	3.6
40°	3.6	3.6	3.6	3.6	3.6	3.5	3.6
37.5°	3.6	3.6	3.6	3.6	3.6	3.5	3.6
35°	3.6	3.6	3.6	3.6	3.6	3.5	3.6
32.5°	3.7	3.6	3.6	3.6	3.6	3.5	3.6
30°	3.9	3.6	3.6	3.6	3.6	3.5	3.6
27.5°	4.1	3.6	3.6	3.6	3.6	3.6	3.6
25°	4.3	3.6	3.6	3.6	3.6	3.6	3.6
22.5°	4.5	3.6	3.6	3.6	3.6	3.6	3.6
20°	4.8	3.8	3.6	3.6	3.6	3.6	3.6
17.5°	5.1	3.9	3.6	3.6	3.6	3.6	3.6
15°	5.5	4.1	3.6	3.6	3.6	3.6	3.6
12.5°	5.8	4.4	3.6	3.6	3.6	3.6	3.6
10°	6.2	4.6	3.6	3.6	3.6	3.6	3.6
7.5°	6.5	4.8	3.6	3.6	3.6	3.6	3.6
5°	6.8	5.1	3.6	3.6	3.6	3.6	3.6
2.5°	7.0	5.3	3.6	3.6	3.6	3.6	3.6
0°	7.3	5.5	3.6	3.6	3.6	3.6	3.6
-2.5°	9.0	6.1	3.8	3.6	3.6	3.6	3.6
-5°	10.6	6.6	3.9	3.6	3.6	3.6	3.6
-7.5°	12.1	7.2	4.1	3.6	3.6	3.6	3.6
-10°	13.5	7.6	4.2	3.6	3.6	3.6	3.6
-12.5°	14.8	8.0	4.4	3.6	3.6	3.6	3.6
-15°	15.8	8.3	4.5	3.6	3.6	3.6	3.6
-17.5°	16.6	8.5	4.5	3.6	3.6	3.6	3.6
-20°	17.3	8.7	4.6	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°
-22.5°	17.9	8.7	4.6	3.6	3.6	3.6	3.6
-25°	18.2	8.8	4.6	3.6	3.6	3.6	3.6
-27.5°	18.1	8.7	4.6	3.6	3.6	3.6	3.6
-30°	17.6	8.6	4.5	3.6	3.6	3.6	3.6
-32.5°	16.8	8.3	4.6	3.6	3.6	3.6	3.6
-35°	16.1	7.8	4.6	3.6	3.6	3.6	3.6
-37.5°	15.5	7.3	4.6	3.6	3.6	3.6	3.6
-40°	14.6	7.3	4.5	3.6	3.6	3.6	3.6
-42.5°	13.4	7.2	4.5	3.6	3.6	3.6	3.6
-45°	12.0	7.1	4.6	3.7	3.6	3.6	3.6
-47.5°	10.3	6.9	4.7	3.7	3.6	3.6	3.6
-50°	9.7	6.7	4.7	3.7	3.6	3.6	3.6
-52.5°	9.4	6.4	4.6	3.8	3.6	3.6	3.6
-55°	9.0	6.2	4.5	3.8	3.6	3.6	3.6
-57.5°	8.5	6.0	4.4	3.8	3.6	3.6	3.6
-60°	8.0	5.7	4.3	3.7	3.6	3.6	3.6
-62.5°	7.4	5.4	4.2	3.7	3.6	3.6	3.6
-65°	6.8	5.0	4.1	3.7	3.6	3.6	3.6
-67.5°	6.2	4.7	4.0	3.7	3.6	3.6	3.6
-70°	5.4	4.5	3.9	3.6	3.6	3.6	3.6
-72.5°	5.0	4.2	3.8	3.6	3.6	3.6	3.6
-75°	4.6	4.0	3.6	3.6	3.6	3.6	3.6
-77.5°	4.1	3.7	3.6	3.6	3.6	3.6	3.6
-80°	3.7	3.6	3.6	3.6	3.6	3.6	3.6
-82.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-90°	1.8	1.8	1.8	1.8	1.8	2.7	3.6

(END OF REPORT)