

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: P1305718 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

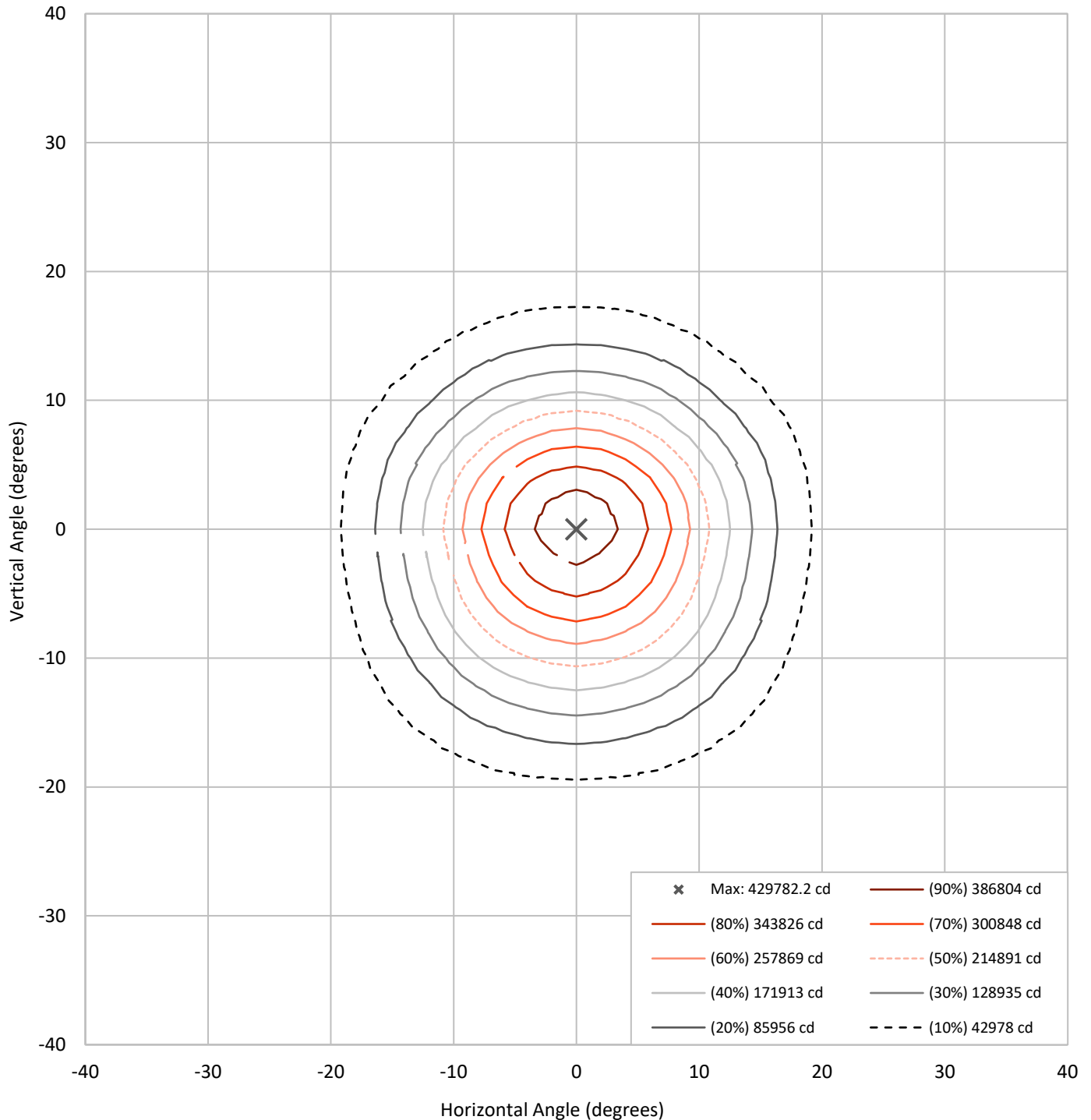
Test Method: LM-79-08  
Report Number: P1305718 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-640L-57-80-2S-CV2-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	66531.1 lumens	Max Intensity:	429782.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.7°H x 19.8°V	Field Angle (10%):	38.4°H x 36.6°V
Beam Lumens:	30756.8 lumens	Field Lumens:	57375.8 lumens
Beam Efficiency:	46.2%	Field Efficiency:	86.2%
Input Watts (W):	670		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





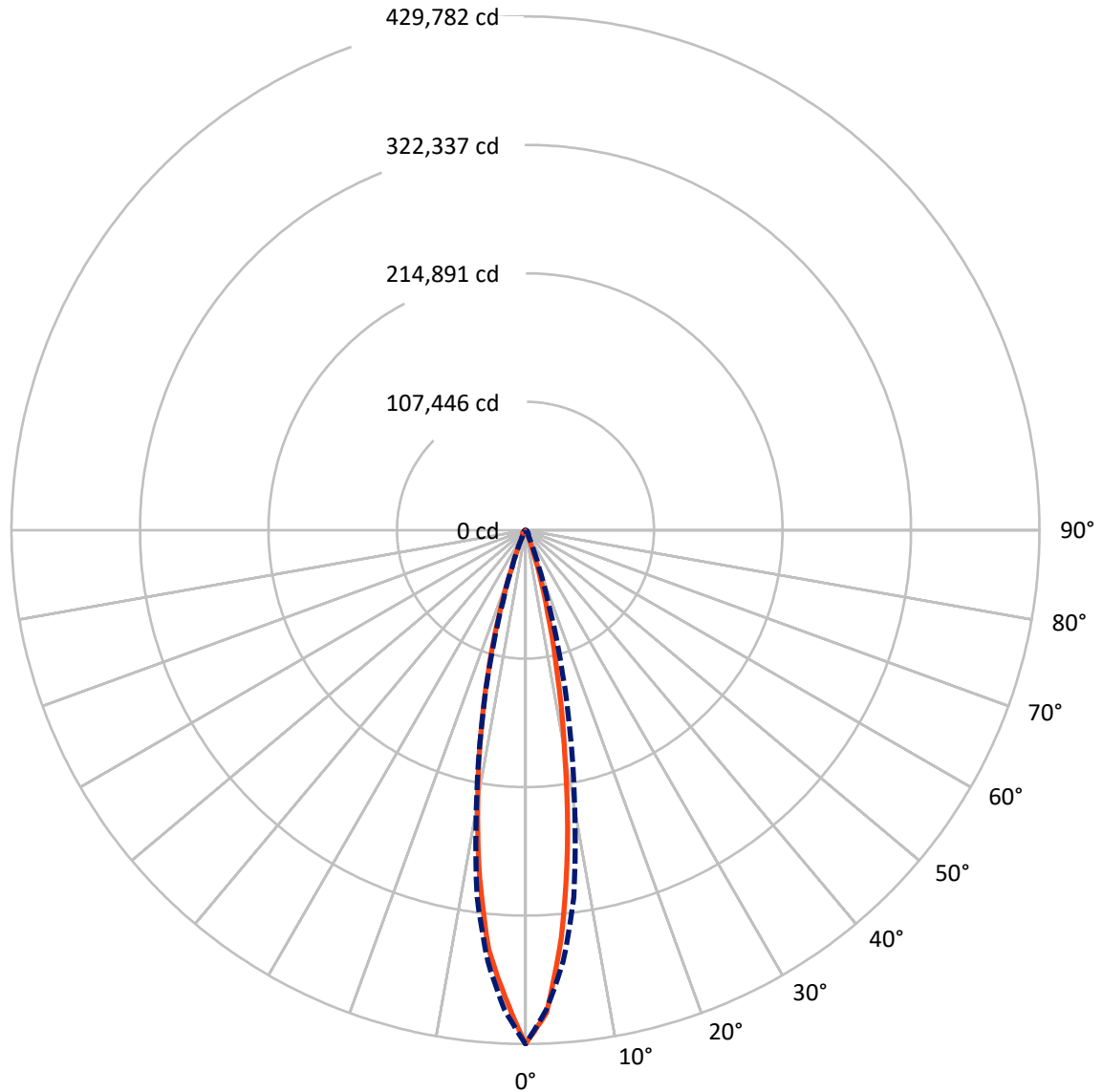
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### Lumen Table

90	0.1	0.4		0.6		0.6		0.6		0.6		0.6		0.4		0.1
80	0.1	0.4		0.6		0.6		0.6		0.6		0.6		0.4		0.1
70	0.2	0.1	0.2	0.6	0.7	0.4	0.3	0.2	0.2	0.3	0.4	0.7	0.6	0.2	0.1	0.2
60		0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	
50	0.2	0.2	0.4	0.5	0.7	0.9	1.2	1.3	1.3	1.2	0.9	0.7	0.5	0.4	0.2	0.2
40		0.2	0.9	1.8	3.9	6.2	7.5	8.7	8.7	7.5	6.2	3.9	1.8	0.9	0.2	
30	0.2	0.4	2.7	9.3	24.7	36.3	63.5	139.7	139.7	63.5	36.3	24.7	9.3	2.7	0.4	0.2
20		0.9	6.2	24.0	56.5	110.6	687.6	2145.4	2145.4	687.6	110.6	56.5	24.0	6.2	0.9	
10	0.3	1.7	10.7	44.5	92.4	297.8	2810.1	8370.1	8370.1	2810.1	297.8	92.4	44.5	10.7	1.7	0.3
0		2.8	13.9	52.2	103.5	298.8	2978.1	8726.5	8726.5	2978.1	298.8	103.5	52.2	13.9	2.8	
-10	0.5	3.3	14.2	48.2	102.2	170.9	1096.5	3164.5	3164.5	1096.5	170.9	102.2	48.2	14.2	3.3	0.5
-20		3.0	12.0	28.8	72.7	106.9	166.9	326.8	326.8	166.9	106.9	72.7	28.8	12.0	3.0	
-30	0.5	2.6	8.8	18.0	40.2	76.9	99.6	109.5	109.5	99.6	76.9	40.2	18.0	8.8	2.6	0.5
-40		1.7	6.1	13.3	22.7	37.6	65.3	88.2	88.2	65.3	37.6	22.7	13.3	6.1	1.7	
-50	0.3	0.8	3.6	8.6	15.8	23.6	30.3	34.0	34.0	30.3	23.6	15.8	8.6	3.6	0.8	0.3
-60		0.3	1.3	4.1	8.4	13.6	19.1	22.5	22.5	19.1	13.6	8.4	4.1	1.3	0.3	
-70	0.2	0.3	1.3	4.1	8.4	13.6	19.1	22.5	22.5	19.1	13.6	8.4	4.1	1.3	0.3	0.2
-80		0.2	1.0	3.1	7.7	11.2	7.7	3.1	1.0	0.2						
-90	0.2	1.0		3.1		7.7		11.2		7.7		3.1		1.0		0.2

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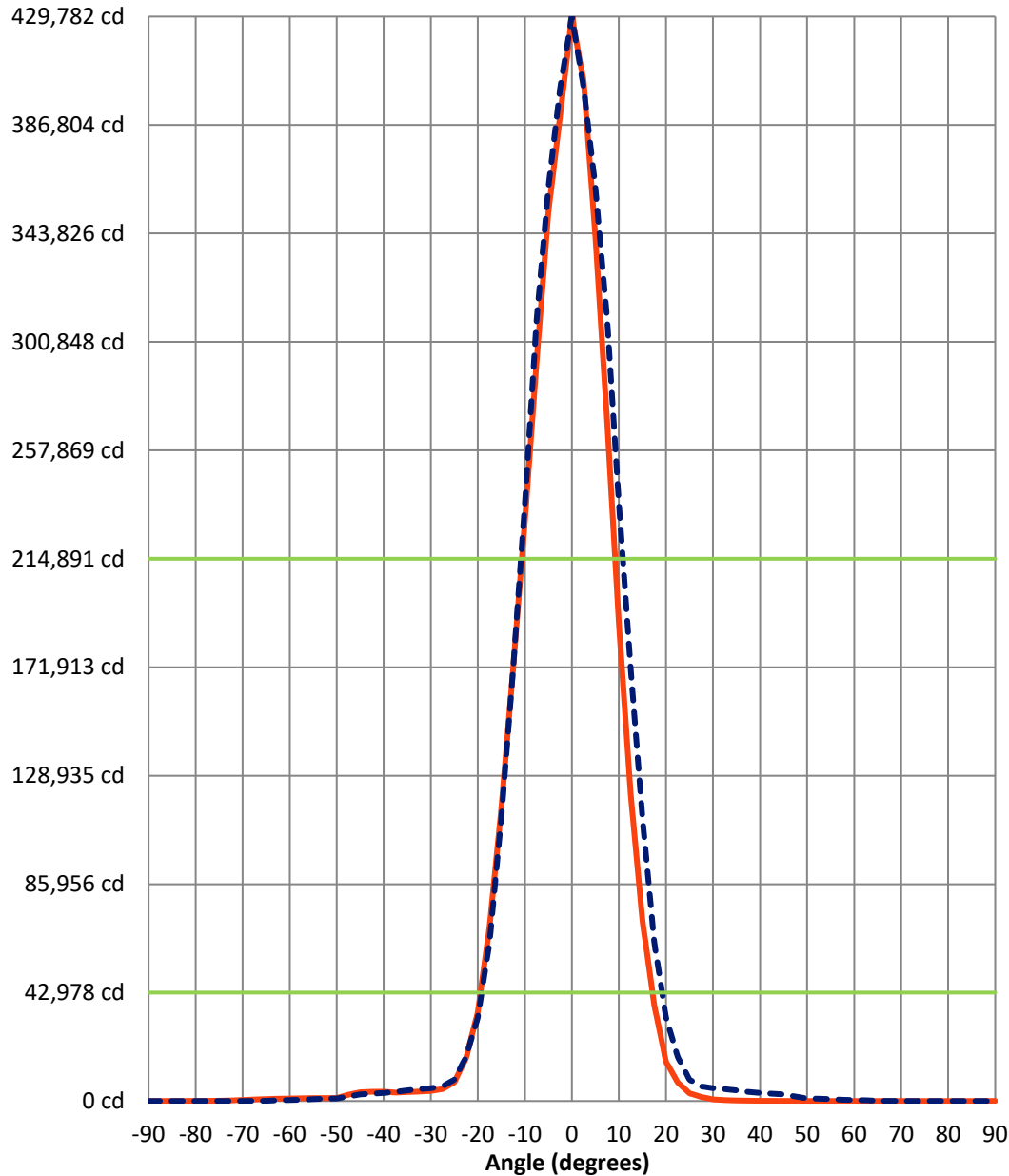
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.7°  
 V Angle: 19.8°  
 Lumens: 30756.8  
 Efficiency: 46.2%

**Field:**  
 H Angle: 38.4°  
 V Angle: 36.6°  
 Lumens: 57375.8  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 9155.3  
 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°	6.9	6.9	6.9	7.4	7.8	8.2	8.7	8.7	8.7	8.7	8.7
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.6	6.3	6.1	5.9
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.6	6.6	6.6
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
80°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0
67.5°	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9	7.2	7.1
65°	6.9	6.9	6.9	6.9	6.9	7.0	7.0	6.9	7.3	7.5	7.3
62.5°	6.9	6.9	6.9	6.9	6.9	7.1	7.1	7.2	7.7	7.8	7.4
60°	6.9	6.9	6.9	6.9	6.9	7.3	7.2	7.7	8.2	7.8	7.4
57.5°	6.9	6.9	6.9	6.9	7.1	7.4	7.6	8.2	8.3	7.9	7.5
55°	6.9	6.9	6.9	6.9	7.2	7.6	7.9	8.7	8.4	8.0	7.6
52.5°	6.9	6.9	7.0	6.9	7.4	7.8	8.2	8.7	8.5	8.1	7.7
50°	6.9	6.9	7.0	6.9	7.6	8.0	8.5	8.7	8.6	8.2	9.1
47.5°	6.9	6.9	7.1	6.9	7.8	8.2	8.7	8.7	8.7	8.3	10.4
45°	6.9	6.9	7.1	7.1	8.1	8.4	8.7	8.7	8.8	9.1	11.4
42.5°	6.9	6.9	7.2	7.3	8.3	8.5	8.7	8.8	8.9	9.7	12.7
40°	6.9	6.9	7.2	7.5	8.5	8.6	8.7	8.9	9.2	10.1	14.0
37.5°	6.9	6.9	7.3	7.7	8.5	8.7	8.7	9.1	9.9	11.2	15.2
35°	6.9	6.9	7.4	7.9	8.6	8.7	8.7	9.3	10.7	13.0	15.8
32.5°	6.9	6.9	7.5	8.0	8.7	8.7	8.8	9.5	11.5	14.9	17.2
30°	6.9	6.9	7.6	8.2	8.7	8.7	8.9	9.9	12.5	16.8	19.0
27.5°	6.9	6.9	7.6	8.3	8.7	8.7	9.1	10.6	13.7	18.8	21.0
25°	6.9	6.9	7.7	8.4	8.7	8.7	9.3	11.4	15.3	20.6	23.4
22.5°	6.9	6.9	7.8	8.5	8.7	8.7	9.5	12.1	16.9	22.5	27.9
20°	6.9	6.9	7.9	8.5	8.7	8.9	9.7	12.9	18.5	24.4	32.2
17.5°	6.9	6.9	8.0	8.6	8.7	9.0	10.1	13.7	20.0	26.5	36.2
15°	6.9	6.9	8.1	8.6	8.7	9.2	10.4	14.4	21.5	28.6	40.0
12.5°	6.9	6.9	8.2	8.7	8.7	9.4	10.7	15.1	23.0	30.8	43.4
10°	6.9	6.9	8.3	8.7	8.7	9.6	11.0	15.7	24.5	34.2	48.7
7.5°	6.9	6.9	8.4	8.7	8.7	9.8	11.3	16.2	25.9	37.9	58.6
5°	6.9	6.9	8.5	8.7	8.7	10.0	11.6	16.6	27.3	41.6	68.7
2.5°	6.9	6.9	8.6	8.7	8.7	10.2	11.9	17.0	28.5	45.2	78.8
0°	6.9	6.9	8.7	8.7	8.7	10.4	12.1	17.3	29.5	48.6	88.4
-2.5°	6.9	6.9	8.7	8.8	8.8	10.8	13.5	21.4	38.2	63.5	114.2
-5°	6.9	7.0	8.7	8.9	9.0	11.1	14.8	25.2	46.5	77.7	138.5
-7.5°	6.9	7.0	8.7	9.0	9.1	11.5	16.0	28.8	54.1	90.9	160.8
-10°	6.9	7.1	8.7	9.1	9.3	11.8	17.1	32.0	61.0	102.9	180.4
-12.5°	6.9	7.1	8.6	9.2	9.4	12.0	18.1	34.7	66.8	113.2	192.0
-15°	6.9	7.1	8.6	9.3	9.6	12.2	18.9	36.8	72.0	121.3	198.9
-17.5°	6.9	7.2	8.6	9.4	9.7	12.3	19.4	39.1	76.9	128.0	203.6
-20°	6.9	7.2	8.6	9.4	9.9	12.4	20.0	41.4	80.5	133.1	205.9



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 CATALOG NUMBER: EPH-08-640L-57-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.9	7.2	8.5	9.5	10.0	12.5	20.7	42.5	82.7	136.6	205.8
-25°	6.9	7.2	8.5	9.5	10.1	12.6	21.0	42.4	83.4	138.3	203.2
-27.5°	6.9	7.3	8.5	9.5	10.3	12.8	20.8	41.1	82.7	138.4	204.1
-30°	6.9	7.3	8.5	9.5	10.4	12.9	20.2	38.4	81.0	137.2	203.0
-32.5°	6.9	7.3	8.4	9.4	10.6	12.9	19.0	37.0	77.9	133.8	199.6
-35°	6.9	7.3	8.4	9.4	10.8	12.7	18.5	35.6	72.8	128.3	193.7
-37.5°	6.9	7.3	8.4	9.3	10.9	12.7	18.3	33.4	65.7	120.6	178.8
-40°	6.9	7.3	8.4	9.2	11.0	12.8	18.0	30.4	56.6	110.8	162.4
-42.5°	6.9	7.3	8.4	9.1	10.9	12.9	17.5	26.6	50.2	95.6	144.5
-45°	6.9	7.4	8.4	9.0	10.8	12.8	16.8	23.7	44.9	79.0	125.3
-47.5°	6.9	7.3	8.4	8.8	10.6	12.7	16.0	22.7	38.5	61.9	106.0
-50°	6.9	7.3	8.4	8.8	10.4	12.5	15.6	21.5	30.6	52.7	85.8
-52.5°	6.9	7.3	8.4	8.8	10.2	12.2	15.1	20.0	26.6	42.8	65.9
-55°	6.9	7.3	8.4	8.8	9.9	11.9	14.6	18.5	24.5	32.2	53.7
-57.5°	6.9	7.3	8.4	8.8	9.6	11.5	13.9	17.6	22.2	27.7	40.6
-60°	6.9	7.3	8.5	8.8	9.3	11.0	13.1	16.4	20.1	25.1	30.3
-62.5°	6.9	7.3	8.4	8.8	9.3	10.6	12.5	15.2	18.7	22.4	27.3
-65°	6.9	7.2	8.3	8.8	9.2	10.1	11.8	14.1	17.3	20.6	24.2
-67.5°	6.9	7.2	8.2	8.7	9.1	9.7	11.1	13.3	15.8	18.9	22.0
-70°	6.9	7.2	8.1	8.7	9.0	9.5	10.4	12.4	14.8	17.2	20.1
-72.5°	6.9	7.2	7.9	8.6	8.9	9.3	9.9	11.6	13.8	16.1	18.3
-75°	6.9	7.1	7.8	8.4	8.7	9.0	9.6	11.0	12.8	14.9	17.0
-77.5°	6.9	7.1	7.7	8.2	8.6	8.8	9.2	10.4	12.0	13.8	15.7
-80°	6.9	7.1	7.5	8.0	8.4	8.6	8.8	9.9	11.2	12.7	14.3
-82.5°	6.9	7.0	7.4	7.9	8.3	8.5	8.7	9.4	10.4	11.6	13.0
-85°	6.9	7.0	7.2	7.7	8.1	8.4	8.7	9.2	9.8	10.6	11.5
-87.5°	6.9	6.9	7.1	7.5	8.0	8.3	8.7	9.0	9.3	9.7	10.1
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.1	5.6	5.2



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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	8.7	8.7	8.7	9.1	9.6	10.0	10.4	10.8	11.3	11.7
87.5°	5.8	5.6	5.4	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9
85°	6.4	6.1	5.6	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9
82.5°	6.5	6.1	5.7	5.2	5.2	5.2	5.2	5.2	4.8	4.4	4.0
80°	6.5	6.1	5.7	5.3	5.2	5.2	5.2	5.2	4.8	4.5	4.3
77.5°	6.6	6.2	5.7	5.3	5.2	5.5	5.8	6.1	6.0	5.9	5.7
75°	6.6	6.2	6.0	6.0	6.3	6.6	6.9	6.9	6.6	6.2	5.8
72.5°	6.7	6.5	6.6	6.9	6.9	6.9	6.9	6.9	7.8	8.9	9.8
70°	6.8	6.9	6.9	6.9	6.9	7.3	9.1	11.6	14.0	15.9	18.2
67.5°	6.9	6.9	6.9	7.1	8.3	10.3	13.1	20.0	27.9	30.3	30.3
65°	6.9	6.9	7.3	8.5	10.2	15.6	23.1	32.4	39.4	38.3	35.8
62.5°	6.9	7.2	8.1	10.6	15.5	22.5	29.8	36.5	43.2	42.1	36.6
60°	7.0	7.3	10.2	15.2	20.4	26.0	33.0	37.4	41.7	43.0	33.9
57.5°	7.1	8.9	13.8	19.0	23.8	27.8	30.4	34.3	36.8	37.3	27.9
55°	8.1	11.7	16.9	22.0	25.3	24.3	26.2	28.6	29.6	27.3	19.8
52.5°	10.4	14.4	19.5	23.8	24.2	22.3	21.9	22.9	21.2	18.1	15.7
50°	12.3	16.8	21.8	24.2	23.7	21.3	18.1	17.7	17.1	15.8	14.4
47.5°	14.2	19.1	23.5	25.1	23.3	21.2	17.5	17.0	17.1	18.1	17.1
45°	16.0	20.5	25.0	25.3	24.0	22.3	20.7	19.0	22.3	23.4	23.3
42.5°	17.6	21.4	25.4	25.8	26.4	26.1	25.6	27.5	29.5	31.3	31.9
40°	18.3	22.0	26.7	30.1	30.2	31.6	35.1	38.4	38.5	40.9	42.3
37.5°	18.5	24.2	30.6	38.2	35.9	40.2	46.2	55.2	56.5	51.3	58.6
35°	18.5	27.2	40.9	49.8	48.5	51.5	65.7	79.0	85.0	76.4	88.1
32.5°	20.3	31.1	54.1	63.5	72.3	75.7	89.4	115.6	130.3	135.8	145.6
30°	24.6	43.3	69.3	79.5	104.2	120.7	132.1	163.5	190.3	271.6	332.0
27.5°	30.1	58.2	84.4	107.9	144.3	172.7	197.3	229.6	328.1	476.2	630.1
25°	35.3	78.2	101.0	144.8	194.2	232.4	266.3	312.0	518.3	821.9	951.5
22.5°	46.0	101.2	127.3	186.2	248.5	293.8	343.1	466.6	745.3	1201.5	1254.9
20°	63.5	123.3	163.3	232.7	308.8	355.4	420.7	629.0	1002.3	1350.8	1495.4
17.5°	82.2	147.5	202.9	287.6	379.8	432.6	509.0	785.3	1223.7	1534.0	1727.9
15°	101.8	173.2	240.8	347.7	455.0	527.9	685.6	1000.0	1398.6	1748.6	2031.2
12.5°	121.6	199.9	277.0	411.5	533.8	621.9	899.7	1327.5	1691.6	2019.4	2403.1
10°	141.1	227.0	311.3	477.0	614.6	714.3	1135.4	1660.3	2017.8	2338.4	2731.8
7.5°	180.3	263.5	347.5	542.4	695.9	804.3	1381.9	1991.0	2317.0	2617.9	3003.9
5°	223.1	308.4	403.1	620.3	777.3	887.2	1606.3	2310.8	2592.9	2864.2	3241.3
2.5°	264.8	351.2	456.9	694.9	855.2	959.1	1721.3	2486.4	2768.3	3053.1	3446.2
0°	<b>303.5</b>	<b>391.9</b>	<b>508.1</b>	<b>763.0</b>	<b>927.7</b>	<b>1026.6</b>	<b>1805.2</b>	<b>2634.1</b>	<b>2915.0</b>	<b>3211.5</b>	<b>3626.0</b>
-2.5°	335.7	433.3	562.1	795.3	947.8	1043.8	1777.6	2632.6	2969.6	3299.1	3727.9
-5°	362.6	472.0	612.0	822.0	964.1	1058.0	1723.0	2591.0	3014.8	3369.1	3804.8
-7.5°	383.7	507.6	656.8	842.9	974.0	1065.0	1699.0	2608.3	3095.4	3430.6	3855.0
-10°	395.2	521.8	660.1	842.0	975.8	1066.6	1646.0	2572.7	3162.3	3485.4	3876.3
-12.5°	379.8	515.8	651.5	833.3	976.4	1065.9	1543.8	2478.2	3217.1	3537.6	3856.9
-15°	362.7	507.0	637.5	816.3	976.5	1063.4	1387.8	2320.8	3186.1	3444.2	3776.1
-17.5°	344.9	495.1	617.9	790.3	976.9	1059.2	1165.9	1983.2	2875.2	3246.8	3645.6
-20°	327.1	480.1	592.4	755.1	971.8	1030.8	1080.4	1640.4	2422.0	2995.7	3398.8



REPORT NUMBER: P1305718 (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°	310.0	462.1	566.4	721.4	896.4	981.9	1029.0	1308.6	1955.3	2690.5	3029.9
-25°	300.8	435.5	543.9	669.8	817.8	930.9	971.5	1029.5	1543.2	2208.1	2693.3
-27.5°	296.1	412.3	513.7	618.6	745.0	869.8	913.7	964.2	1225.7	1735.9	2339.7
-30°	288.3	382.8	481.9	571.8	684.7	791.5	855.6	913.4	984.4	1367.7	1845.3
-32.5°	271.0	352.1	447.4	535.0	628.7	723.2	813.4	876.4	934.4	1038.3	1416.0
-35°	250.7	326.2	411.4	496.9	576.0	668.2	762.0	844.4	891.3	939.6	1106.2
-37.5°	233.8	298.7	374.8	457.3	533.4	617.0	708.0	795.1	859.9	904.1	967.2
-40°	215.6	269.8	341.7	416.8	491.3	566.8	650.5	735.2	816.0	883.5	934.5
-42.5°	196.0	248.2	308.6	375.9	447.3	518.3	591.3	671.8	756.9	844.9	910.9
-45°	174.6	225.3	275.8	338.7	401.9	468.0	535.9	607.1	693.1	777.5	861.1
-47.5°	151.5	200.8	249.5	300.9	359.2	418.1	478.9	551.3	627.0	706.7	785.2
-50°	127.6	173.5	222.3	269.2	318.9	371.0	425.1	496.5	568.7	637.6	708.1
-52.5°	104.6	144.6	191.4	238.8	282.8	328.6	380.6	443.2	510.7	577.4	640.1
-55°	80.8	117.8	158.0	203.7	249.0	289.9	338.8	394.5	451.5	514.7	575.6
-57.5°	62.3	90.7	125.8	164.9	208.8	253.8	300.3	347.3	399.2	452.8	505.3
-60°	46.4	67.1	94.0	127.7	164.1	208.1	259.0	305.5	349.6	393.4	441.3
-62.5°	32.1	48.4	67.5	90.9	122.5	158.6	202.2	250.4	301.7	340.6	378.9
-65°	28.7	33.2	46.3	63.8	81.4	111.4	146.0	183.9	227.5	267.2	308.6
-67.5°	25.2	29.1	33.3	40.2	55.9	72.5	90.2	120.9	154.0	182.4	212.0
-70°	22.8	25.2	28.6	32.4	36.4	43.1	57.7	73.1	88.4	105.0	128.8
-72.5°	20.6	22.8	25.0	27.1	30.4	33.7	37.0	40.2	49.0	61.0	72.0
-75°	18.6	20.4	22.4	24.3	26.1	28.0	30.3	33.1	35.8	38.7	41.7
-77.5°	16.8	18.0	19.5	21.3	22.7	23.8	25.3	26.9	28.7	30.4	32.0
-80°	15.0	15.6	16.4	17.5	18.8	19.8	20.8	21.6	22.5	23.8	25.2
-82.5°	13.4	13.8	14.2	14.6	15.3	16.1	17.0	17.9	18.5	19.1	19.8
-85°	11.8	12.1	12.4	12.6	12.9	13.3	13.8	14.2	14.6	14.9	15.1
-87.5°	10.3	10.4	10.5	10.6	10.9	11.2	11.4	11.6	11.8	11.9	12.0
-90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.1	12.1	12.1	12.1	12.1	14.7	17.3	19.9	22.5	26.4	30.3
87.5°	3.5	3.4	3.4	3.3	3.3	3.0	2.5	2.1	1.7	1.3	0.9
85°	3.5	3.5	3.5	3.5	3.5	3.1	2.6	2.2	1.7	1.7	1.7
82.5°	3.5	3.5	3.5	3.5	3.5	3.1	2.6	2.2	1.7	1.7	1.7
80°	4.0	4.0	3.9	3.8	3.5	3.1	2.7	2.2	1.7	1.7	1.7
77.5°	5.3	4.9	4.5	4.0	3.6	3.4	3.2	3.2	3.2	2.9	2.6
75°	5.4	5.2	5.4	5.1	4.5	4.2	4.1	3.9	3.6	3.4	3.4
72.5°	10.4	10.5	9.8	9.2	8.3	7.8	7.6	7.1	6.4	6.0	5.8
70°	19.0	18.6	17.9	16.4	14.1	12.1	11.0	9.9	8.7	8.3	8.4
67.5°	27.6	24.8	22.5	19.8	16.4	13.9	12.6	11.1	9.4	8.7	8.7
65°	32.0	26.1	22.2	19.3	17.1	14.6	12.4	10.3	8.4	7.5	7.8
62.5°	30.3	22.6	17.9	15.1	13.1	11.8	10.0	8.6	7.5	6.9	7.0
60°	25.2	16.9	12.7	11.3	10.0	8.8	8.2	7.5	6.6	5.8	6.0
57.5°	19.6	13.5	10.3	9.8	9.4	8.9	8.2	7.4	6.8	6.3	6.6
55°	14.6	12.0	10.5	10.6	10.4	9.5	8.6	8.5	8.3	8.0	8.3
52.5°	12.8	12.7	13.2	13.0	11.8	10.9	10.3	10.3	10.5	10.7	11.2
50°	14.5	15.0	14.8	13.6	13.3	12.9	12.1	12.9	13.9	14.2	14.6
47.5°	17.3	17.6	17.8	16.6	16.9	18.1	18.4	19.0	20.9	22.3	23.7
45°	22.2	24.1	24.6	25.3	25.8	28.4	29.7	30.4	35.8	38.3	38.7
42.5°	32.0	35.0	37.4	41.2	40.6	47.1	55.5	60.0	59.7	58.0	57.9
40°	46.9	52.1	63.5	69.6	76.2	83.8	84.6	75.3	75.4	84.8	84.3
37.5°	72.4	90.1	106.3	120.6	124.1	119.9	121.4	128.5	136.9	137.6	141.8
35°	122.0	158.0	166.3	177.3	189.3	177.9	176.4	187.8	184.0	203.5	217.4
32.5°	210.9	261.9	277.4	290.7	324.4	304.9	251.1	329.5	311.9	333.7	366.9
30°	335.5	435.8	503.4	523.6	532.0	534.3	584.9	629.8	665.3	712.7	779.9
27.5°	635.4	701.9	814.1	877.0	797.8	830.5	960.5	984.1	1117.9	1263.4	1382.9
25°	966.2	1040.9	1240.5	1265.6	1199.4	1321.1	1446.7	1472.8	1708.9	1880.3	2290.5
22.5°	1265.3	1390.4	1604.0	1664.7	1719.9	1864.4	2010.4	2184.5	2716.5	3376.1	4573.1
20°	1518.4	1658.0	1866.9	2035.5	2173.2	2357.6	2527.7	3122.3	4268.1	6774.0	9499.9
17.5°	1824.8	1911.3	2169.5	2395.0	2610.7	2874.9	3626.9	5128.6	8445.4	13905.8	19081.0
15°	2237.7	2409.6	2569.8	2813.9	3216.9	3985.4	5644.4	10535.9	17475.2	26999.4	38796.3
12.5°	2713.7	2950.9	3173.0	3380.1	3958.2	5770.9	11064.6	19547.1	31212.1	46511.7	69664.1
10°	3138.8	3501.1	3773.9	4135.1	5255.0	8780.1	16952.1	28944.0	49441.7	76474.7	106688.6
7.5°	3433.8	3864.5	4232.4	4769.4	6595.5	12567.5	23880.3	42555.2	71692.0	108117.3	148875.1
5°	3714.6	4200.3	4561.3	5222.0	7481.8	15198.4	29131.6	53900.6	93470.0	141600.9	193929.8
2.5°	3979.9	4496.8	4851.7	5627.4	8041.4	16397.5	31331.1	60953.7	107556.9	164568.1	226716.8
0°	4225.9	4715.0	5086.0	5817.8	8514.3	17548.9	33202.4	63227.9	112316.1	171330.2	236698.0
-2.5°	4180.0	4543.6	4954.4	5687.9	8064.4	16314.3	31021.7	60556.8	106728.7	163258.0	223385.2
-5°	4164.0	4458.8	4829.7	5494.6	7508.8	14096.7	27552.0	54525.9	97573.9	148518.0	204521.1
-7.5°	4176.3	4410.3	4700.3	5250.2	6837.8	11918.5	23955.2	47267.3	82823.8	125956.7	176529.7
-10°	4202.4	4383.5	4677.5	5161.2	6272.5	9526.3	18129.1	36417.4	65120.6	99427.3	138834.1
-12.5°	4247.8	4491.7	4786.8	5115.5	5704.5	7587.7	14258.1	28269.8	48148.1	72250.2	102235.2
-15°	4232.3	4546.7	4880.0	5083.0	5403.7	6452.0	9248.3	18666.2	33314.4	49299.4	67446.0
-17.5°	4118.2	4494.8	4641.2	4798.7	4993.8	5510.2	7071.0	11257.8	19599.1	30102.1	40311.6
-20°	3853.6	4044.2	4227.3	4415.3	4631.3	4916.3	5401.8	7032.7	9475.2	15435.1	20417.5



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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°	3356.9	3540.2	3699.0	4003.8	4221.9	4431.3	4698.6	5051.6	5991.0	7466.7	9919.2
-25°	2930.8	3043.8	3267.1	3623.0	3857.4	3982.8	4150.5	4284.3	4606.4	4949.1	5796.2
-27.5°	2590.2	2759.6	3034.7	3346.5	3571.2	3672.0	3760.2	3838.8	4041.1	4181.2	4421.8
-30°	2320.8	2595.0	2852.8	3138.1	3344.7	3464.5	3502.1	3615.7	3747.5	3847.6	3945.0
-32.5°	1934.2	2416.6	2651.2	2887.4	3120.8	3268.3	3369.4	3458.9	3582.7	3659.5	3697.9
-35°	1518.0	2011.9	2473.8	2632.2	2801.8	3013.8	3186.4	3277.3	3358.7	3432.8	3479.5
-37.5°	1145.6	1550.2	1980.1	2366.7	2548.3	2706.9	2957.9	3109.8	3183.6	3294.0	3356.8
-40°	993.6	1108.4	1475.1	1837.2	2163.0	2524.2	2768.3	3002.6	3234.2	3376.0	3468.2
-42.5°	959.5	1006.4	1049.9	1303.6	1629.3	1956.6	2316.5	2713.8	3046.2	3296.4	3528.8
-45°	931.9	967.7	1002.7	1042.4	1080.6	1330.9	1612.2	1908.4	2290.7	2660.9	2980.5
-47.5°	860.9	928.4	967.9	997.8	1028.9	1063.6	1095.4	1162.6	1419.7	1693.1	1952.7
-50°	780.2	847.1	907.0	962.5	1002.5	1029.4	1049.5	1075.8	1106.5	1133.8	1158.9
-52.5°	700.7	765.6	826.5	886.8	943.3	995.3	1043.3	1073.7	1097.0	1117.4	1130.1
-55°	633.9	689.8	744.4	804.0	862.1	917.4	969.6	1016.6	1060.7	1101.9	1125.5
-57.5°	560.8	615.8	670.5	725.5	778.5	829.4	879.8	928.9	975.4	1018.0	1043.8
-60°	488.5	534.7	589.1	645.6	698.4	747.6	797.8	845.3	889.4	926.8	949.8
-62.5°	420.5	463.7	508.8	559.1	613.4	666.5	711.1	756.1	801.1	839.8	866.3
-65°	348.5	384.7	421.3	460.7	502.2	545.7	590.3	634.2	677.0	712.1	737.2
-67.5°	246.6	282.6	317.5	352.5	384.4	416.5	450.7	485.2	519.5	547.7	569.9
-70°	152.0	174.5	195.7	218.4	245.0	272.9	301.4	328.1	352.7	371.0	384.4
-72.5°	82.0	91.1	101.9	118.9	134.7	151.4	168.7	185.2	200.8	212.3	220.9
-75°	44.9	49.0	56.0	62.7	68.9	76.3	83.8	90.9	97.5	104.0	109.9
-77.5°	34.0	36.0	37.9	39.6	41.0	43.6	46.6	49.6	52.5	56.5	60.6
-80°	26.6	27.6	28.6	29.7	30.7	32.5	34.4	36.3	38.1	40.0	41.7
-82.5°	20.5	21.0	21.5	21.9	22.3	23.5	24.7	25.8	26.9	28.9	30.8
-85°	15.4	15.8	16.1	16.4	16.7	17.6	18.5	19.5	20.4	21.8	23.2
-87.5°	12.1	12.5	12.9	13.3	13.7	14.3	14.9	15.4	15.8	17.1	18.4
-90°	3.5	3.1	2.6	2.2	1.7	1.7	1.7	1.7	1.7	1.3	0.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	34.2	38.1	40.7	43.4	40.7	38.1	34.2	30.3	26.4	22.5	19.9
87.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.1
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.2
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.2
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.2
77.5°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	2.9	3.2	3.2
75°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.6	3.9
72.5°	5.6	5.2	5.2	5.2	5.2	5.2	5.6	5.8	6.0	6.4	7.1
70°	8.5	8.6	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.7	9.9
67.5°	8.7	8.7	7.9	6.9	7.9	8.7	8.7	8.7	8.7	9.4	11.1
65°	8.2	8.6	7.9	6.9	7.9	8.6	8.2	7.8	7.5	8.4	10.3
62.5°	7.0	7.0	6.9	6.9	6.9	7.0	7.0	7.0	6.9	7.5	8.6
60°	6.4	6.8	6.9	6.9	6.9	6.8	6.4	6.0	5.8	6.6	7.5
57.5°	6.8	6.9	7.6	8.7	7.6	6.9	6.8	6.6	6.3	6.8	7.4
55°	8.5	8.6	8.7	8.7	8.7	8.6	8.5	8.3	8.0	8.3	8.5
52.5°	11.6	11.9	12.0	12.1	12.0	11.9	11.6	11.2	10.7	10.5	10.3
50°	15.0	15.3	15.0	13.9	15.0	15.3	15.0	14.6	14.2	13.9	12.9
47.5°	24.9	25.4	25.2	24.3	25.2	25.4	24.9	23.7	22.3	20.9	19.0
45°	39.7	39.7	39.6	39.9	39.6	39.7	39.7	38.7	38.3	35.8	30.4
42.5°	59.4	60.0	60.2	60.7	60.2	60.0	59.4	57.9	58.0	59.7	60.0
40°	85.8	86.3	85.3	83.2	85.3	86.3	85.8	84.3	84.8	75.4	75.3
37.5°	149.0	152.3	151.5	149.1	151.5	152.3	149.0	141.8	137.6	136.9	128.5
35°	222.5	220.5	214.6	215.0	214.6	220.5	222.5	217.4	203.5	184.0	187.8
32.5°	347.6	360.1	363.9	365.9	363.9	360.1	347.6	366.9	333.7	311.9	329.5
30°	827.3	802.3	691.3	657.2	691.3	802.3	827.3	779.9	712.7	665.3	629.8
27.5°	1469.7	1548.8	1621.3	1628.3	1621.3	1548.8	1469.7	1382.9	1263.4	1117.9	984.1
25°	2714.2	2980.8	3093.2	3078.0	3093.2	2980.8	2714.2	2290.5	1880.3	1708.9	1472.8
22.5°	5988.4	6898.3	7372.5	7388.9	7372.5	6898.3	5988.4	4573.1	3376.1	2716.5	2184.5
20°	13066.6	15262.7	15817.3	15651.8	15817.3	15262.7	13066.6	9499.9	6774.0	4268.1	3122.3
17.5°	26941.9	33438.5	37873.8	38179.2	37873.8	33438.5	26941.9	19081.0	13905.8	8445.4	5128.6
15°	52437.1	64379.2	70572.1	71624.3	70572.1	64379.2	52437.1	38796.3	26999.4	17475.2	10535.9
12.5°	91603.6	109780.4	119894.0	121624.7	119894.0	109780.4	91603.6	69664.1	46511.7	31212.1	19547.1
10°	139724.4	165076.7	181561.3	189002.2	181561.3	165076.7	139724.4	106688.6	76474.7	49441.7	28944.0
7.5°	189100.1	229040.8	261658.7	269054.1	261658.7	229040.8	189100.1	148875.1	108117.3	71692.0	42555.2
5°	250184.6	303738.6	335062.3	342296.3	335062.3	303738.6	250184.6	193929.8	141600.9	93470.0	53900.6
2.5°	295482.1	353061.8	385892.5	403934.0	385892.5	353061.8	295482.1	226716.8	164568.1	107556.9	60953.7
0°	309539.6	361933.0	401402.3	429782.2	401402.3	361933.0	309539.6	236698.0	171330.2	112316.1	63227.9
-2.5°	290512.5	346066.0	374705.2	390660.5	374705.2	346066.0	290512.5	223385.2	163258.0	106728.7	60556.8
-5°	260242.4	311308.4	342541.5	352170.1	342541.5	311308.4	260242.4	204521.1	148518.0	97573.9	54525.9
-7.5°	220584.3	257876.6	281267.2	293061.5	281267.2	257876.6	220584.3	176529.7	125956.7	82823.8	47267.3
-10°	177658.2	205961.1	223408.1	229933.3	223408.1	205961.1	177658.2	138834.1	99427.3	65120.6	36417.4
-12.5°	130123.4	152666.1	166069.9	171240.9	166069.9	152666.1	130123.4	102235.2	72250.2	48148.1	28269.8
-15°	85887.4	102137.5	112447.6	116047.9	112447.6	102137.5	85887.4	67446.0	49299.4	33314.4	18666.2
-17.5°	52056.2	61026.3	67700.4	69383.9	67700.4	61026.3	52056.2	40311.6	30102.1	19599.1	11257.8
-20°	27547.3	31583.8	33838.1	35363.0	33838.1	31583.8	27547.3	20417.5	15435.1	9475.2	7032.7

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13059.5	15257.8	16270.9	17044.2	16270.9	15257.8	13059.5	9919.2	7466.7	5991.0	5051.6
-25°	6535.8	6990.5	7188.5	7465.2	7188.5	6990.5	6535.8	5796.2	4949.1	4606.4	4284.3
-27.5°	4584.3	4691.0	4733.0	4767.0	4733.0	4691.0	4584.3	4421.8	4181.2	4041.1	3838.8
-30°	3994.9	4012.5	4010.0	4007.5	4010.0	4012.5	3994.9	3945.0	3847.6	3747.5	3615.7
-32.5°	3739.4	3758.1	3756.7	3754.3	3756.7	3758.1	3739.4	3697.9	3659.5	3582.7	3458.9
-35°	3509.6	3533.9	3545.9	3551.4	3545.9	3533.9	3509.6	3479.5	3432.8	3358.7	3277.3
-37.5°	3391.8	3397.0	3383.2	3367.6	3383.2	3397.0	3391.8	3356.8	3294.0	3183.6	3109.8
-40°	3513.4	3595.8	3678.6	3704.0	3678.6	3595.8	3513.4	3468.2	3376.0	3234.2	3002.6
-42.5°	3605.4	3658.3	3682.2	3674.5	3682.2	3658.3	3605.4	3528.8	3296.4	3046.2	2713.8
-45°	3191.7	3355.8	3453.0	3476.8	3453.0	3355.8	3191.7	2980.5	2660.9	2290.7	1908.4
-47.5°	2170.5	2354.3	2470.1	2507.5	2470.1	2354.3	2170.5	1952.7	1693.1	1419.7	1162.6
-50°	1183.2	1206.3	1213.9	1206.9	1213.9	1206.3	1183.2	1158.9	1133.8	1106.5	1075.8
-52.5°	1142.6	1156.3	1165.2	1170.5	1165.2	1156.3	1142.6	1130.1	1117.4	1097.0	1073.7
-55°	1145.7	1163.3	1173.1	1177.4	1173.1	1163.3	1145.7	1125.5	1101.9	1060.7	1016.6
-57.5°	1066.6	1086.4	1095.9	1099.4	1095.9	1086.4	1066.6	1043.8	1018.0	975.4	928.9
-60°	970.7	989.6	996.9	998.8	996.9	989.6	970.7	949.8	926.8	889.4	845.3
-62.5°	890.8	913.0	922.5	926.0	922.5	913.0	890.8	866.3	839.8	801.1	756.1
-65°	759.4	778.4	784.7	785.5	784.7	778.4	759.4	737.2	712.1	677.0	634.2
-67.5°	589.8	606.9	613.0	613.9	613.0	606.9	589.8	569.9	547.7	519.5	485.2
-70°	395.3	403.5	407.0	407.5	407.0	403.5	395.3	384.4	371.0	352.7	328.1
-72.5°	227.6	232.6	234.2	234.1	234.2	232.6	227.6	220.9	212.3	200.8	185.2
-75°	115.3	120.0	121.1	121.4	121.1	120.0	115.3	109.9	104.0	97.5	90.9
-77.5°	64.7	68.8	69.3	69.4	69.3	68.8	64.7	60.6	56.5	52.5	49.6
-80°	43.4	44.9	45.1	45.1	45.1	44.9	43.4	41.7	40.0	38.1	36.3
-82.5°	32.7	34.6	34.7	34.7	34.7	34.6	32.7	30.8	28.9	26.9	25.8
-85°	24.6	26.0	26.8	27.7	26.8	26.0	24.6	23.2	21.8	20.4	19.5
-87.5°	19.6	20.9	21.7	22.5	21.7	20.9	19.6	18.4	17.1	15.8	15.4
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	17.3	14.7	12.1	12.1	12.1	12.1	12.1	11.7	11.3	10.8	10.4
87.5°	2.5	3.0	3.3	3.3	3.4	3.4	3.5	3.9	4.4	4.8	5.2
85°	2.6	3.1	3.5	3.5	3.5	3.5	3.5	3.9	4.4	4.8	5.2
82.5°	2.6	3.1	3.5	3.5	3.5	3.5	3.5	4.0	4.4	4.8	5.2
80°	2.7	3.1	3.5	3.8	3.9	4.0	4.0	4.3	4.5	4.8	5.2
77.5°	3.2	3.4	3.6	4.0	4.5	4.9	5.3	5.7	5.9	6.0	6.1
75°	4.1	4.2	4.5	5.1	5.4	5.2	5.4	5.8	6.2	6.6	6.9
72.5°	7.6	7.8	8.3	9.2	9.8	10.5	10.4	9.8	8.9	7.8	6.9
70°	11.0	12.1	14.1	16.4	17.9	18.6	19.0	18.2	15.9	14.0	11.6
67.5°	12.6	13.9	16.4	19.8	22.5	24.8	27.6	30.3	30.3	27.9	20.0
65°	12.4	14.6	17.1	19.3	22.2	26.1	32.0	35.8	38.3	39.4	32.4
62.5°	10.0	11.8	13.1	15.1	17.9	22.6	30.3	36.6	42.1	43.2	36.5
60°	8.2	8.8	10.0	11.3	12.7	16.9	25.2	33.9	43.0	41.7	37.4
57.5°	8.2	8.9	9.4	9.8	10.3	13.5	19.6	27.9	37.3	36.8	34.3
55°	8.6	9.5	10.4	10.6	10.5	12.0	14.6	19.8	27.3	29.6	28.6
52.5°	10.3	10.9	11.8	13.0	13.2	12.7	12.8	15.7	18.1	21.2	22.9
50°	12.1	12.9	13.3	13.6	14.8	15.0	14.5	14.4	15.8	17.1	17.7
47.5°	18.4	18.1	16.9	16.6	17.8	17.6	17.3	17.1	18.1	17.1	17.0
45°	29.7	28.4	25.8	25.3	24.6	24.1	22.2	23.3	23.4	22.3	19.0
42.5°	55.5	47.1	40.6	41.2	37.4	35.0	32.0	31.9	31.3	29.5	27.5
40°	84.6	83.8	76.2	69.6	63.5	52.1	46.9	42.3	40.9	38.5	38.4
37.5°	121.4	119.9	124.1	120.6	106.3	90.1	72.4	58.6	51.3	56.5	55.2
35°	176.4	177.9	189.3	177.3	166.3	158.0	122.0	88.1	76.4	85.0	79.0
32.5°	251.1	304.9	324.4	290.7	277.4	261.9	210.9	145.6	135.8	130.3	115.6
30°	584.9	534.3	532.0	523.6	503.4	435.8	335.5	332.0	271.6	190.3	163.5
27.5°	960.5	830.5	797.8	877.0	814.1	701.9	635.4	630.1	476.2	328.1	229.6
25°	1446.7	1321.1	1199.4	1265.6	1240.5	1040.9	966.2	951.5	821.9	518.3	312.0
22.5°	2010.4	1864.4	1719.9	1664.7	1604.0	1390.4	1265.3	1254.9	1201.5	745.3	466.6
20°	2527.7	2357.6	2173.2	2035.5	1866.9	1658.0	1518.4	1495.4	1350.8	1002.3	629.0
17.5°	3626.9	2874.9	2610.7	2395.0	2169.5	1911.3	1824.8	1727.9	1534.0	1223.7	785.3
15°	5644.4	3985.4	3216.9	2813.9	2569.8	2409.6	2237.7	2031.2	1748.6	1398.6	1000.0
12.5°	11064.6	5770.9	3958.2	3380.1	3173.0	2950.9	2713.7	2403.1	2019.4	1691.6	1327.5
10°	16952.1	8780.1	5255.0	4135.1	3773.9	3501.1	3138.8	2731.8	2338.4	2017.8	1660.3
7.5°	23880.3	12567.5	6595.5	4769.4	4232.4	3864.5	3433.8	3003.9	2617.9	2317.0	1991.0
5°	29131.6	15198.4	7481.8	5222.0	4561.3	4200.3	3714.6	3241.3	2864.2	2592.9	2310.8
2.5°	31331.1	16397.5	8041.4	5627.4	4851.7	4496.8	3979.9	3446.2	3053.1	2768.3	2486.4
0°	33202.4	17548.9	8514.3	5817.8	5086.0	4715.0	4225.9	3626.0	3211.5	2915.0	2634.1
-2.5°	31021.7	16314.3	8064.4	5687.9	4954.4	4543.6	4180.0	3727.9	3299.1	2969.6	2632.6
-5°	27552.0	14096.7	7508.8	5494.6	4829.7	4458.8	4164.0	3804.8	3369.1	3014.8	2591.0
-7.5°	23955.2	11918.5	6837.8	5250.2	4700.3	4410.3	4176.3	3855.0	3430.6	3095.4	2608.3
-10°	18129.1	9526.3	6272.5	5161.2	4677.5	4383.5	4202.4	3876.3	3485.4	3162.3	2572.7
-12.5°	14258.1	7587.7	5704.5	5115.5	4786.8	4491.7	4247.8	3856.9	3537.6	3217.1	2478.2
-15°	9248.3	6452.0	5403.7	5083.0	4880.0	4546.7	4232.3	3776.1	3444.2	3186.1	2320.8
-17.5°	7071.0	5510.2	4993.8	4798.7	4641.2	4494.8	4118.2	3645.6	3246.8	2875.2	1983.2
-20°	5401.8	4916.3	4631.3	4415.3	4227.3	4044.2	3853.6	3398.8	2995.7	2422.0	1640.4



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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°	4698.6	4431.3	4221.9	4003.8	3699.0	3540.2	3356.9	3029.9	2690.5	1955.3	1308.6
-25°	4150.5	3982.8	3857.4	3623.0	3267.1	3043.8	2930.8	2693.3	2208.1	1543.2	1029.5
-27.5°	3760.2	3672.0	3571.2	3346.5	3034.7	2759.6	2590.2	2339.7	1735.9	1225.7	964.2
-30°	3502.1	3464.5	3344.7	3138.1	2852.8	2595.0	2320.8	1845.3	1367.7	984.4	913.4
-32.5°	3369.4	3268.3	3120.8	2887.4	2651.2	2416.6	1934.2	1416.0	1038.3	934.4	876.4
-35°	3186.4	3013.8	2801.8	2632.2	2473.8	2011.9	1518.0	1106.2	939.6	891.3	844.4
-37.5°	2957.9	2706.9	2548.3	2366.7	1980.1	1550.2	1145.6	967.2	904.1	859.9	795.1
-40°	2768.3	2524.2	2163.0	1837.2	1475.1	1108.4	993.6	934.5	883.5	816.0	735.2
-42.5°	2316.5	1956.6	1629.3	1303.6	1049.9	1006.4	959.5	910.9	844.9	756.9	671.8
-45°	1612.2	1330.9	1080.6	1042.4	1002.7	967.7	931.9	861.1	777.5	693.1	607.1
-47.5°	1095.4	1063.6	1028.9	997.8	967.9	928.4	860.9	785.2	706.7	627.0	551.3
-50°	1049.5	1029.4	1002.5	962.5	907.0	847.1	780.2	708.1	637.6	568.7	496.5
-52.5°	1043.3	995.3	943.3	886.8	826.5	765.6	700.7	640.1	577.4	510.7	443.2
-55°	969.6	917.4	862.1	804.0	744.4	689.8	633.9	575.6	514.7	451.5	394.5
-57.5°	879.8	829.4	778.5	725.5	670.5	615.8	560.8	505.3	452.8	399.2	347.3
-60°	797.8	747.6	698.4	645.6	589.1	534.7	488.5	441.3	393.4	349.6	305.5
-62.5°	711.1	666.5	613.4	559.1	508.8	463.7	420.5	378.9	340.6	301.7	250.4
-65°	590.3	545.7	502.2	460.7	421.3	384.7	348.5	308.6	267.2	227.5	183.9
-67.5°	450.7	416.5	384.4	352.5	317.5	282.6	246.6	212.0	182.4	154.0	120.9
-70°	301.4	272.9	245.0	218.4	195.7	174.5	152.0	128.8	105.0	88.4	73.1
-72.5°	168.7	151.4	134.7	118.9	101.9	91.1	82.0	72.0	61.0	49.0	40.2
-75°	83.8	76.3	68.9	62.7	56.0	49.0	44.9	41.7	38.7	35.8	33.1
-77.5°	46.6	43.6	41.0	39.6	37.9	36.0	34.0	32.0	30.4	28.7	26.9
-80°	34.4	32.5	30.7	29.7	28.6	27.6	26.6	25.2	23.8	22.5	21.6
-82.5°	24.7	23.5	22.3	21.9	21.5	21.0	20.5	19.8	19.1	18.5	17.9
-85°	18.5	17.6	16.7	16.4	16.1	15.8	15.4	15.1	14.9	14.6	14.2
-87.5°	14.9	14.3	13.7	13.3	12.9	12.5	12.1	12.0	11.9	11.8	11.6
-90°	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.9	4.4	4.8	5.2



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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°	10.0	9.6	9.1	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	5.2	5.2	5.2	5.2	5.4	5.6	5.8	5.9	6.1	6.3	6.6
85°	5.2	5.2	5.2	5.2	5.6	6.1	6.4	6.6	6.6	6.6	6.7
82.5°	5.2	5.2	5.2	5.2	5.7	6.1	6.5	6.9	6.9	6.9	6.9
80°	5.2	5.2	5.2	5.3	5.7	6.1	6.5	6.9	6.9	6.9	6.9
77.5°	5.8	5.5	5.2	5.3	5.7	6.2	6.6	6.9	6.9	6.9	6.9
75°	6.9	6.6	6.3	6.0	6.0	6.2	6.6	6.9	6.9	6.9	6.9
72.5°	6.9	6.9	6.9	6.9	6.6	6.5	6.7	6.9	6.9	6.9	6.9
70°	9.1	7.3	6.9	6.9	6.9	6.9	6.8	7.0	6.9	6.9	6.9
67.5°	13.1	10.3	8.3	7.1	6.9	6.9	6.9	7.1	7.2	6.9	6.9
65°	23.1	15.6	10.2	8.5	7.3	6.9	6.9	7.3	7.5	7.3	6.9
62.5°	29.8	22.5	15.5	10.6	8.1	7.2	6.9	7.4	7.8	7.7	7.2
60°	33.0	26.0	20.4	15.2	10.2	7.3	7.0	7.4	7.8	8.2	7.7
57.5°	30.4	27.8	23.8	19.0	13.8	8.9	7.1	7.5	7.9	8.3	8.2
55°	26.2	24.3	25.3	22.0	16.9	11.7	8.1	7.6	8.0	8.4	8.7
52.5°	21.9	22.3	24.2	23.8	19.5	14.4	10.4	7.7	8.1	8.5	8.7
50°	18.1	21.3	23.7	24.2	21.8	16.8	12.3	9.1	8.2	8.6	8.7
47.5°	17.5	21.2	23.3	25.1	23.5	19.1	14.2	10.4	8.3	8.7	8.7
45°	20.7	22.3	24.0	25.3	25.0	20.5	16.0	11.4	9.1	8.8	8.7
42.5°	25.6	26.1	26.4	25.8	25.4	21.4	17.6	12.7	9.7	8.9	8.8
40°	35.1	31.6	30.2	30.1	26.7	22.0	18.3	14.0	10.1	9.2	8.9
37.5°	46.2	40.2	35.9	38.2	30.6	24.2	18.5	15.2	11.2	9.9	9.1
35°	65.7	51.5	48.5	49.8	40.9	27.2	18.5	15.8	13.0	10.7	9.3
32.5°	89.4	75.7	72.3	63.5	54.1	31.1	20.3	17.2	14.9	11.5	9.5
30°	132.1	120.7	104.2	79.5	69.3	43.3	24.6	19.0	16.8	12.5	9.9
27.5°	197.3	172.7	144.3	107.9	84.4	58.2	30.1	21.0	18.8	13.7	10.6
25°	266.3	232.4	194.2	144.8	101.0	78.2	35.3	23.4	20.6	15.3	11.4
22.5°	343.1	293.8	248.5	186.2	127.3	101.2	46.0	27.9	22.5	16.9	12.1
20°	420.7	355.4	308.8	232.7	163.3	123.3	63.5	32.2	24.4	18.5	12.9
17.5°	509.0	432.6	379.8	287.6	202.9	147.5	82.2	36.2	26.5	20.0	13.7
15°	685.6	527.9	455.0	347.7	240.8	173.2	101.8	40.0	28.6	21.5	14.4
12.5°	899.7	621.9	533.8	411.5	277.0	199.9	121.6	43.4	30.8	23.0	15.1
10°	1135.4	714.3	614.6	477.0	311.3	227.0	141.1	48.7	34.2	24.5	15.7
7.5°	1381.9	804.3	695.9	542.4	347.5	263.5	180.3	58.6	37.9	25.9	16.2
5°	1606.3	887.2	777.3	620.3	403.1	308.4	223.1	68.7	41.6	27.3	16.6
2.5°	1721.3	959.1	855.2	694.9	456.9	351.2	264.8	78.8	45.2	28.5	17.0
0°	1805.2	1026.6	927.7	763.0	508.1	391.9	303.5	88.4	48.6	29.5	17.3
-2.5°	1777.6	1043.8	947.8	795.3	562.1	433.3	335.7	114.2	63.5	38.2	21.4
-5°	1723.0	1058.0	964.1	822.0	612.0	472.0	362.6	138.5	77.7	46.5	25.2
-7.5°	1699.0	1065.0	974.0	842.9	656.8	507.6	383.7	160.8	90.9	54.1	28.8
-10°	1646.0	1066.6	975.8	842.0	660.1	521.8	395.2	180.4	102.9	61.0	32.0
-12.5°	1543.8	1065.9	976.4	833.3	651.5	515.8	379.8	192.0	113.2	66.8	34.7
-15°	1387.8	1063.4	976.5	816.3	637.5	507.0	362.7	198.9	121.3	72.0	36.8
-17.5°	1165.9	1059.2	976.9	790.3	617.9	495.1	344.9	203.6	128.0	76.9	39.1
-20°	1080.4	1030.8	971.8	755.1	592.4	480.1	327.1	205.9	133.1	80.5	41.4



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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°	1029.0	981.9	896.4	721.4	566.4	462.1	310.0	205.8	136.6	82.7	42.5
-25°	971.5	930.9	817.8	669.8	543.9	435.5	300.8	203.2	138.3	83.4	42.4
-27.5°	913.7	869.8	745.0	618.6	513.7	412.3	296.1	204.1	138.4	82.7	41.1
-30°	855.6	791.5	684.7	571.8	481.9	382.8	288.3	203.0	137.2	81.0	38.4
-32.5°	813.4	723.2	628.7	535.0	447.4	352.1	271.0	199.6	133.8	77.9	37.0
-35°	762.0	668.2	576.0	496.9	411.4	326.2	250.7	193.7	128.3	72.8	35.6
-37.5°	708.0	617.0	533.4	457.3	374.8	298.7	233.8	178.8	120.6	65.7	33.4
-40°	650.5	566.8	491.3	416.8	341.7	269.8	215.6	162.4	110.8	56.6	30.4
-42.5°	591.3	518.3	447.3	375.9	308.6	248.2	196.0	144.5	95.6	50.2	26.6
-45°	535.9	468.0	401.9	338.7	275.8	225.3	174.6	125.3	79.0	44.9	23.7
-47.5°	478.9	418.1	359.2	300.9	249.5	200.8	151.5	106.0	61.9	38.5	22.7
-50°	425.1	371.0	318.9	269.2	222.3	173.5	127.6	85.8	52.7	30.6	21.5
-52.5°	380.6	328.6	282.8	238.8	191.4	144.6	104.6	65.9	42.8	26.6	20.0
-55°	338.8	289.9	249.0	203.7	158.0	117.8	80.8	53.7	32.2	24.5	18.5
-57.5°	300.3	253.8	208.8	164.9	125.8	90.7	62.3	40.6	27.7	22.2	17.6
-60°	259.0	208.1	164.1	127.7	94.0	67.1	46.4	30.3	25.1	20.1	16.4
-62.5°	202.2	158.6	122.5	90.9	67.5	48.4	32.1	27.3	22.4	18.7	15.2
-65°	146.0	111.4	81.4	63.8	46.3	33.2	28.7	24.2	20.6	17.3	14.1
-67.5°	90.2	72.5	55.9	40.2	33.3	29.1	25.2	22.0	18.9	15.8	13.3
-70°	57.7	43.1	36.4	32.4	28.6	25.2	22.8	20.1	17.2	14.8	12.4
-72.5°	37.0	33.7	30.4	27.1	25.0	22.8	20.6	18.3	16.1	13.8	11.6
-75°	30.3	28.0	26.1	24.3	22.4	20.4	18.6	17.0	14.9	12.8	11.0
-77.5°	25.3	23.8	22.7	21.3	19.5	18.0	16.8	15.7	13.8	12.0	10.4
-80°	20.8	19.8	18.8	17.5	16.4	15.6	15.0	14.3	12.7	11.2	9.9
-82.5°	17.0	16.1	15.3	14.6	14.2	13.8	13.4	13.0	11.6	10.4	9.4
-85°	13.8	13.3	12.9	12.6	12.4	12.1	11.8	11.5	10.6	9.8	9.2
-87.5°	11.4	11.2	10.9	10.6	10.5	10.4	10.3	10.1	9.7	9.3	9.0
-90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.6	6.1	6.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.7	8.2	7.8	7.4	6.9	6.9	6.9
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
82.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
80°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	6.9	6.9	6.9	6.9	6.9	6.9	6.9
67.5°	7.0	6.9	6.9	6.9	6.9	6.9	6.9
65°	7.0	7.0	6.9	6.9	6.9	6.9	6.9
62.5°	7.1	7.1	6.9	6.9	6.9	6.9	6.9
60°	7.2	7.3	6.9	6.9	6.9	6.9	6.9
57.5°	7.6	7.4	7.1	6.9	6.9	6.9	6.9
55°	7.9	7.6	7.2	6.9	6.9	6.9	6.9
52.5°	8.2	7.8	7.4	6.9	7.0	6.9	6.9
50°	8.5	8.0	7.6	6.9	7.0	6.9	6.9
47.5°	8.7	8.2	7.8	6.9	7.1	6.9	6.9
45°	8.7	8.4	8.1	7.1	7.1	6.9	6.9
42.5°	8.7	8.5	8.3	7.3	7.2	6.9	6.9
40°	8.7	8.6	8.5	7.5	7.2	6.9	6.9
37.5°	8.7	8.7	8.5	7.7	7.3	6.9	6.9
35°	8.7	8.7	8.6	7.9	7.4	6.9	6.9
32.5°	8.8	8.7	8.7	8.0	7.5	6.9	6.9
30°	8.9	8.7	8.7	8.2	7.6	6.9	6.9
27.5°	9.1	8.7	8.7	8.3	7.6	6.9	6.9
25°	9.3	8.7	8.7	8.4	7.7	6.9	6.9
22.5°	9.5	8.7	8.7	8.5	7.8	6.9	6.9
20°	9.7	8.9	8.7	8.5	7.9	6.9	6.9
17.5°	10.1	9.0	8.7	8.6	8.0	6.9	6.9
15°	10.4	9.2	8.7	8.6	8.1	6.9	6.9
12.5°	10.7	9.4	8.7	8.7	8.2	6.9	6.9
10°	11.0	9.6	8.7	8.7	8.3	6.9	6.9
7.5°	11.3	9.8	8.7	8.7	8.4	6.9	6.9
5°	11.6	10.0	8.7	8.7	8.5	6.9	6.9
2.5°	11.9	10.2	8.7	8.7	8.6	6.9	6.9
0°	12.1	10.4	8.7	8.7	8.7	6.9	6.9
-2.5°	13.5	10.8	8.8	8.8	8.7	6.9	6.9
-5°	14.8	11.1	9.0	8.9	8.7	7.0	6.9
-7.5°	16.0	11.5	9.1	9.0	8.7	7.0	6.9
-10°	17.1	11.8	9.3	9.1	8.7	7.1	6.9
-12.5°	18.1	12.0	9.4	9.2	8.6	7.1	6.9
-15°	18.9	12.2	9.6	9.3	8.6	7.1	6.9
-17.5°	19.4	12.3	9.7	9.4	8.6	7.2	6.9
-20°	20.0	12.4	9.9	9.4	8.6	7.2	6.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.7	12.5	10.0	9.5	8.5	7.2	6.9
-25°	21.0	12.6	10.1	9.5	8.5	7.2	6.9
-27.5°	20.8	12.8	10.3	9.5	8.5	7.3	6.9
-30°	20.2	12.9	10.4	9.5	8.5	7.3	6.9
-32.5°	19.0	12.9	10.6	9.4	8.4	7.3	6.9
-35°	18.5	12.7	10.8	9.4	8.4	7.3	6.9
-37.5°	18.3	12.7	10.9	9.3	8.4	7.3	6.9
-40°	18.0	12.8	11.0	9.2	8.4	7.3	6.9
-42.5°	17.5	12.9	10.9	9.1	8.4	7.3	6.9
-45°	16.8	12.8	10.8	9.0	8.4	7.4	6.9
-47.5°	16.0	12.7	10.6	8.8	8.4	7.3	6.9
-50°	15.6	12.5	10.4	8.8	8.4	7.3	6.9
-52.5°	15.1	12.2	10.2	8.8	8.4	7.3	6.9
-55°	14.6	11.9	9.9	8.8	8.4	7.3	6.9
-57.5°	13.9	11.5	9.6	8.8	8.4	7.3	6.9
-60°	13.1	11.0	9.3	8.8	8.5	7.3	6.9
-62.5°	12.5	10.6	9.3	8.8	8.4	7.3	6.9
-65°	11.8	10.1	9.2	8.8	8.3	7.2	6.9
-67.5°	11.1	9.7	9.1	8.7	8.2	7.2	6.9
-70°	10.4	9.5	9.0	8.7	8.1	7.2	6.9
-72.5°	9.9	9.3	8.9	8.6	7.9	7.2	6.9
-75°	9.6	9.0	8.7	8.4	7.8	7.1	6.9
-77.5°	9.2	8.8	8.6	8.2	7.7	7.1	6.9
-80°	8.8	8.6	8.4	8.0	7.5	7.1	6.9
-82.5°	8.7	8.5	8.3	7.9	7.4	7.0	6.9
-85°	8.7	8.4	8.1	7.7	7.2	7.0	6.9
-87.5°	8.7	8.3	8.0	7.5	7.1	6.9	6.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9

(END OF REPORT)