

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: P1305622 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-2S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

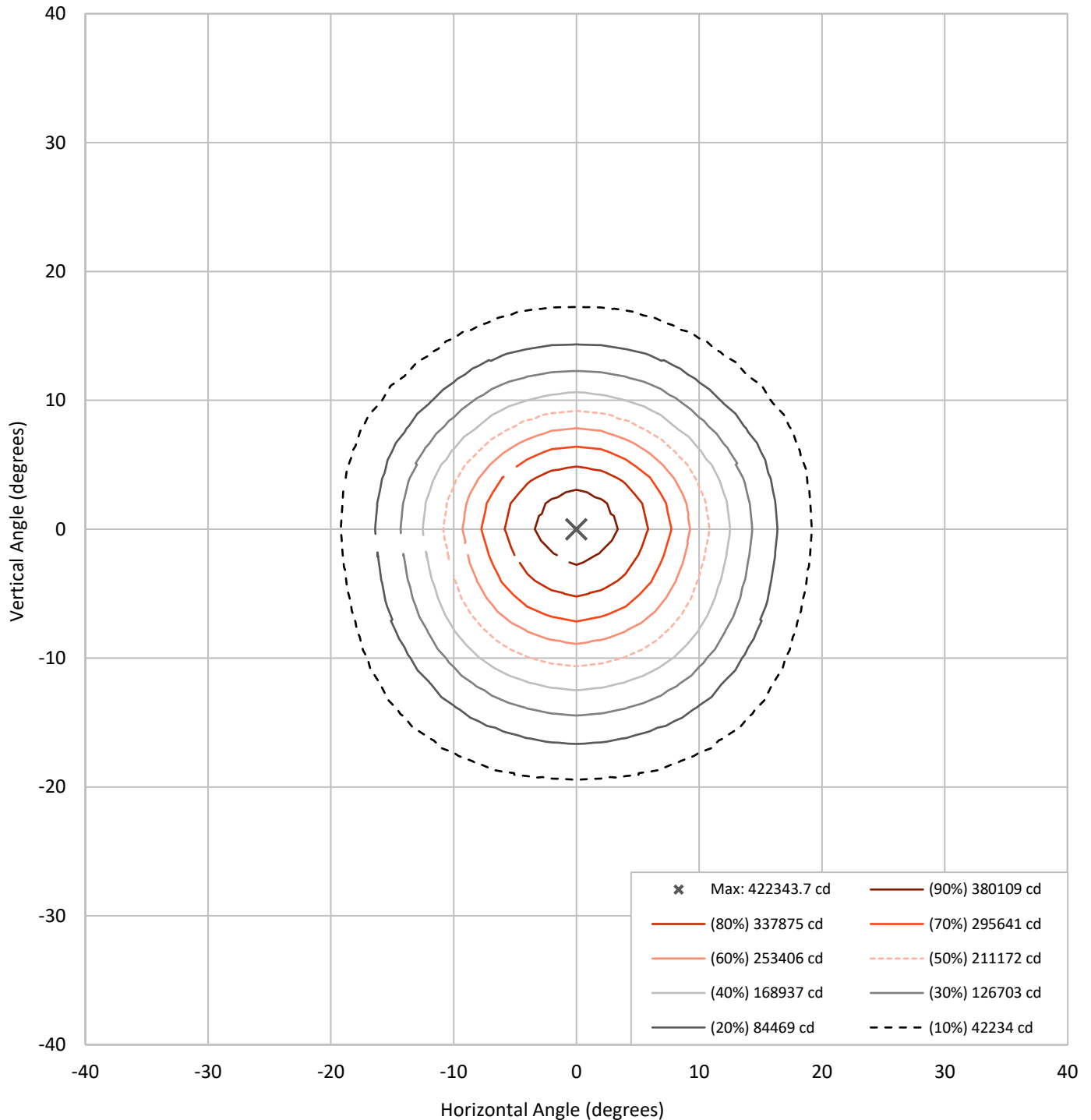
Test Method: LM-79-08  
Report Number: P1305622 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-80-2S-CV2-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 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:	65379.7 lumens	Max Intensity:	422343.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.6 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:	30224.5 lumens	Field Lumens:	56382.8 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





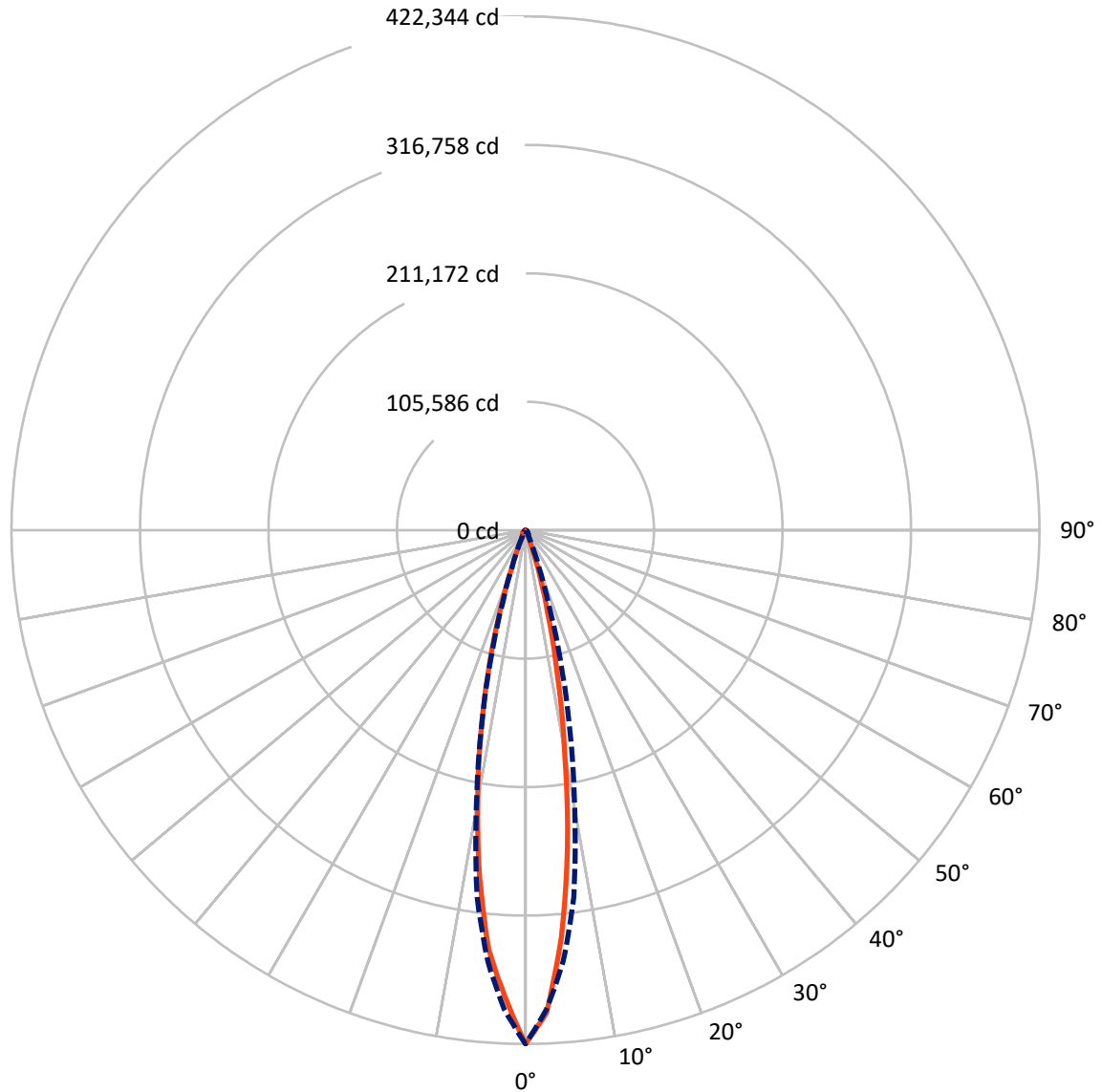
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### Lumen Table

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	0.3	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.6	0.9	1.2	1.3	1.3	1.2	0.9	0.6	0.5	0.4	0.2	0.2			
40		0.2	0.8	1.8	3.8	6.1	7.4	8.6	8.6	7.4	6.1	3.8	1.8	0.8	0.2				
30	0.2	0.4	2.7	9.1	24.3	35.7	62.4	137.3	137.3	62.4	35.7	24.3	9.1	2.7	0.4	0.2			
20		0.9	6.1	23.6	55.6	108.7	675.7	2108.3	2108.3	675.7	108.7	55.6	23.6	6.1	0.9				
10	0.3	1.7	10.5	43.7	90.8	292.6	2761.4	8225.2	8225.2	2761.4	292.6	90.8	43.7	10.5	1.7	0.3			
0		2.8	13.7	51.3	101.7	293.6	2926.6	8575.4	8575.4	2926.6	293.6	101.7	51.3	13.7	2.8				
-10	0.5	3.2	13.9	47.4	100.4	167.9	1077.5	3109.7	3109.7	1077.5	167.9	100.4	47.4	13.9	3.2	0.5			
-20		3.0	11.8	28.3	71.4	105.1	164.1	321.1	321.1	164.1	105.1	71.4	28.3	11.8	3.0				
-30	0.4	2.5	8.6	17.7	39.5	75.6	97.9	107.6	107.6	97.9	75.6	39.5	17.7	8.6	2.5	0.4			
-40		1.7	5.9	13.1	22.3	37.0	64.2	86.7	86.7	64.2	37.0	22.3	13.1	5.9	1.7				
-50	0.3	0.8	3.5	8.5	15.5	23.2	29.7	33.4	33.4	29.7	23.2	15.5	8.5	3.5	0.8	0.3			
-60		0.3	1.3	4.0	8.2	13.4	18.8	22.1	22.1	18.8	13.4	8.2	4.0	1.3	0.3				
-70	0.2	1.0		3.0		7.6		11.0		7.6		3.0		1.0		0.2			
-80		1.0		3.0		7.6		11.0		7.6		3.0		1.0					
-90	0.2	1.0		3.0		7.6		11.0		7.6		3.0		1.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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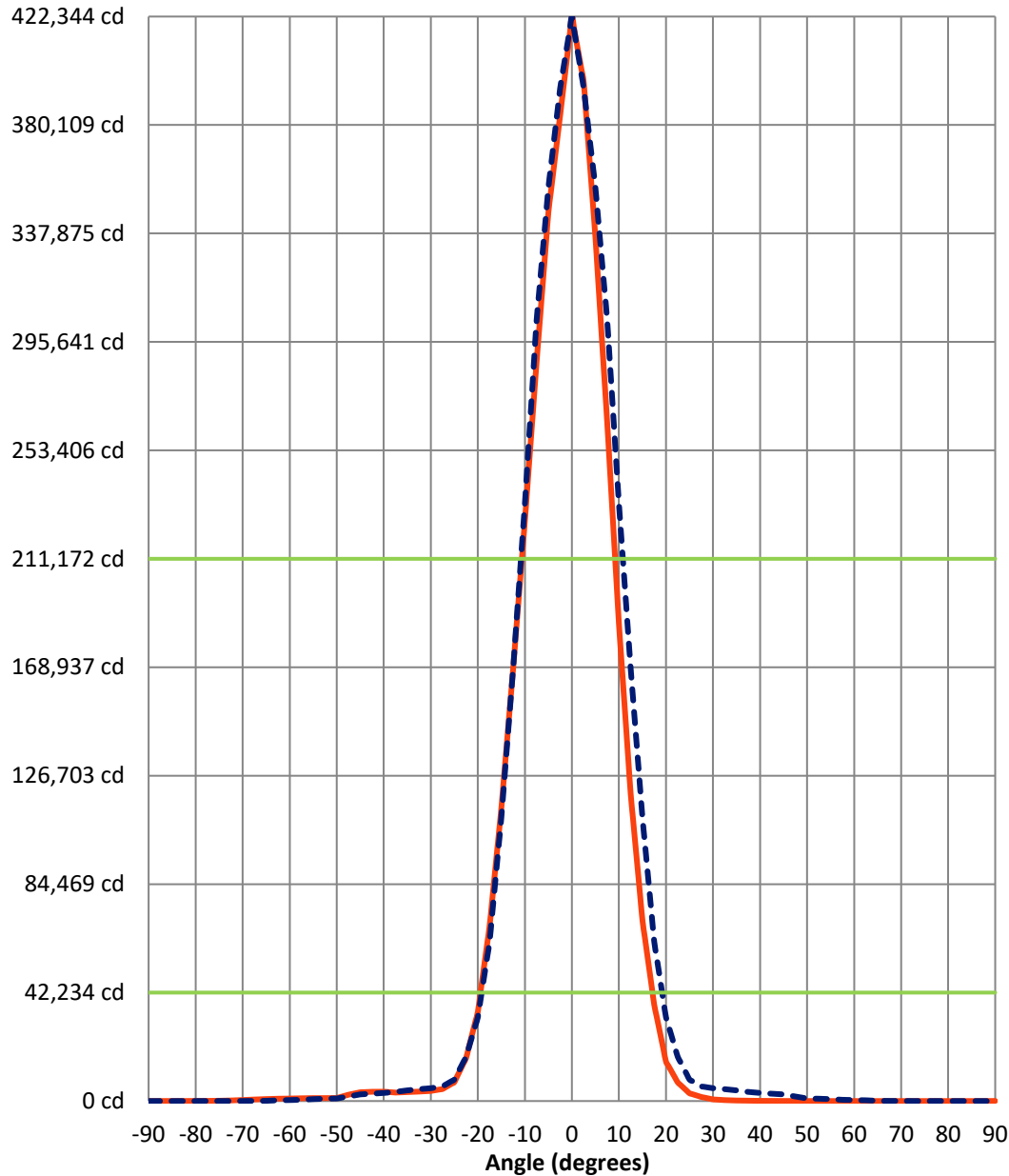
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.7°  
V Angle: 19.8°  
Lumens: 30224.5  
Efficiency: 46.2%

**Field:**  
H Angle: 38.4°  
V Angle: 36.6°  
Lumens: 56382.8  
Efficiency: 86.2%

**Spill:**  
Lumens: 8996.9  
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°	6.8	6.8	6.8	7.2	7.7	8.1	8.5	8.5	8.5	8.5	8.5
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.2	6.0	5.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.6	6.5	6.5	6.5
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.9
67.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.8	7.1	7.0
65°	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.8	7.2	7.3	7.2
62.5°	6.8	6.8	6.8	6.8	6.8	7.0	7.0	7.1	7.6	7.6	7.2
60°	6.8	6.8	6.8	6.8	6.8	7.1	7.1	7.6	8.0	7.7	7.3
57.5°	6.8	6.8	6.8	6.8	7.0	7.3	7.4	8.0	8.1	7.8	7.4
55°	6.8	6.8	6.8	6.8	7.1	7.5	7.8	8.5	8.2	7.9	7.5
52.5°	6.8	6.8	6.9	6.8	7.3	7.7	8.1	8.5	8.3	8.0	7.6
50°	6.8	6.8	6.9	6.8	7.5	7.9	8.3	8.5	8.4	8.1	9.0
47.5°	6.8	6.8	7.0	6.8	7.7	8.0	8.5	8.5	8.5	8.2	10.2
45°	6.8	6.8	7.0	7.0	7.9	8.2	8.5	8.5	8.6	8.9	11.2
42.5°	6.8	6.8	7.1	7.2	8.1	8.3	8.5	8.6	8.7	9.5	12.5
40°	6.8	6.8	7.1	7.3	8.3	8.4	8.5	8.7	9.0	9.9	13.8
37.5°	6.8	6.8	7.2	7.5	8.3	8.5	8.5	8.9	9.7	11.0	14.9
35°	6.8	6.8	7.3	7.7	8.4	8.5	8.5	9.1	10.5	12.8	15.5
32.5°	6.8	6.8	7.3	7.9	8.5	8.5	8.6	9.3	11.3	14.6	16.9
30°	6.8	6.8	7.4	8.0	8.5	8.5	8.7	9.7	12.2	16.5	18.7
27.5°	6.8	6.8	7.5	8.1	8.5	8.5	8.9	10.4	13.4	18.5	20.7
25°	6.8	6.8	7.6	8.2	8.5	8.5	9.1	11.1	15.0	20.3	23.1
22.5°	6.8	6.8	7.7	8.3	8.5	8.5	9.3	11.9	16.6	22.1	27.5
20°	6.8	6.8	7.8	8.3	8.5	8.7	9.5	12.7	18.2	24.0	31.7
17.5°	6.8	6.8	7.9	8.4	8.5	8.8	9.9	13.4	19.7	26.1	35.6
15°	6.8	6.8	8.0	8.4	8.5	9.0	10.2	14.2	21.2	28.2	39.3
12.5°	6.8	6.8	8.1	8.5	8.5	9.2	10.5	14.8	22.6	30.3	42.7
10°	6.8	6.8	8.2	8.5	8.5	9.4	10.8	15.4	24.1	33.6	47.8
7.5°	6.8	6.8	8.3	8.5	8.5	9.6	11.1	15.9	25.5	37.2	57.5
5°	6.8	6.8	8.3	8.5	8.5	9.8	11.4	16.3	26.8	40.9	67.5
2.5°	6.8	6.8	8.4	8.5	8.5	10.0	11.7	16.7	28.0	44.4	77.4
0°	6.8	6.8	8.5	8.5	8.5	10.2	11.9	17.0	29.0	47.7	86.9
-2.5°	6.8	6.8	8.5	8.6	8.6	10.6	13.3	21.0	37.6	62.3	112.2
-5°	6.8	6.9	8.5	8.7	8.8	10.9	14.6	24.8	45.7	76.3	136.1
-7.5°	6.8	6.9	8.5	8.8	8.9	11.2	15.8	28.3	53.2	89.3	158.0
-10°	6.8	6.9	8.5	8.9	9.1	11.5	16.9	31.4	60.0	101.1	177.2
-12.5°	6.8	7.0	8.4	9.0	9.2	11.8	17.8	34.1	65.7	111.3	188.6
-15°	6.8	7.0	8.4	9.1	9.4	11.9	18.6	36.1	70.8	119.3	195.5
-17.5°	6.8	7.0	8.4	9.2	9.5	12.1	19.1	38.5	75.6	125.8	200.0
-20°	6.8	7.1	8.4	9.2	9.7	12.2	19.7	40.6	79.1	130.8	202.3



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 CATALOG NUMBER: EPH-08-640L-40-80-2S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.8	7.1	8.3	9.3	9.8	12.2	20.4	41.8	81.2	134.2	202.2
-25°	6.8	7.1	8.3	9.3	9.9	12.4	20.6	41.7	82.0	135.9	199.7
-27.5°	6.8	7.1	8.3	9.3	10.1	12.6	20.5	40.4	81.2	136.0	200.6
-30°	6.8	7.2	8.3	9.3	10.2	12.6	19.8	37.7	79.6	134.8	199.5
-32.5°	6.8	7.2	8.3	9.2	10.4	12.6	18.7	36.4	76.6	131.5	196.1
-35°	6.8	7.2	8.2	9.2	10.6	12.5	18.2	35.0	71.5	126.1	190.3
-37.5°	6.8	7.2	8.2	9.1	10.7	12.4	18.0	32.8	64.5	118.6	175.7
-40°	6.8	7.2	8.2	9.0	10.7	12.6	17.6	29.9	55.5	108.9	159.6
-42.5°	6.8	7.2	8.2	8.9	10.7	12.6	17.1	26.2	49.3	93.9	142.0
-45°	6.8	7.2	8.2	8.8	10.5	12.6	16.5	23.3	44.1	77.6	123.1
-47.5°	6.8	7.2	8.2	8.6	10.4	12.4	15.6	22.3	37.8	60.7	104.1
-50°	6.8	7.2	8.2	8.6	10.2	12.2	15.2	21.1	30.1	51.8	84.3
-52.5°	6.8	7.2	8.2	8.6	9.9	12.0	14.8	19.7	26.2	42.1	64.7
-55°	6.8	7.2	8.2	8.6	9.7	11.6	14.3	18.1	24.0	31.7	52.7
-57.5°	6.8	7.2	8.3	8.6	9.4	11.2	13.6	17.2	21.8	27.3	39.9
-60°	6.8	7.2	8.3	8.6	9.1	10.8	12.9	16.1	19.7	24.7	29.8
-62.5°	6.8	7.1	8.2	8.6	9.1	10.3	12.3	14.9	18.3	22.0	26.9
-65°	6.8	7.1	8.1	8.6	9.0	9.9	11.6	13.8	16.9	20.2	23.8
-67.5°	6.8	7.1	8.0	8.5	8.9	9.5	10.9	13.0	15.5	18.5	21.6
-70°	6.8	7.1	7.9	8.5	8.8	9.3	10.2	12.2	14.5	16.8	19.7
-72.5°	6.8	7.0	7.8	8.4	8.7	9.1	9.7	11.3	13.5	15.7	17.9
-75°	6.8	7.0	7.6	8.2	8.5	8.8	9.4	10.8	12.5	14.6	16.7
-77.5°	6.8	7.0	7.5	8.0	8.4	8.6	9.0	10.2	11.8	13.5	15.4
-80°	6.8	6.9	7.4	7.9	8.2	8.4	8.6	9.7	11.0	12.5	14.1
-82.5°	6.8	6.9	7.2	7.7	8.1	8.3	8.5	9.2	10.2	11.4	12.7
-85°	6.8	6.9	7.1	7.6	7.9	8.3	8.5	9.0	9.6	10.4	11.3
-87.5°	6.8	6.8	6.9	7.4	7.8	8.2	8.5	8.8	9.1	9.5	9.9
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.4	6.0	5.5	5.1



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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°	8.5	8.5	8.5	8.5	8.9	9.4	9.8	10.2	10.6	11.1	11.5
87.5°	5.7	5.5	5.3	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.8
85°	6.3	6.0	5.5	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.8
82.5°	6.4	6.0	5.6	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.9
80°	6.4	6.0	5.6	5.2	5.1	5.1	5.1	5.1	4.7	4.4	4.2
77.5°	6.5	6.1	5.6	5.2	5.1	5.4	5.7	6.0	5.9	5.8	5.6
75°	6.5	6.1	5.9	5.9	6.2	6.5	6.8	6.8	6.5	6.1	5.7
72.5°	6.6	6.4	6.5	6.8	6.8	6.8	6.8	6.8	7.6	8.8	9.6
70°	6.7	6.8	6.8	6.8	6.8	7.2	9.0	11.3	13.7	15.6	17.9
67.5°	6.8	6.8	6.8	7.0	8.2	10.2	12.8	19.6	27.4	29.9	29.8
65°	6.8	6.8	7.2	8.3	10.0	15.3	22.7	31.8	38.7	37.7	35.2
62.5°	6.8	7.0	7.9	10.4	15.2	22.1	29.3	35.9	42.5	41.4	36.0
60°	6.9	7.2	10.0	14.9	20.1	25.6	32.4	36.7	41.0	42.2	33.3
57.5°	7.0	8.8	13.5	18.6	23.4	27.4	30.0	33.7	36.2	36.6	27.4
55°	8.0	11.5	16.6	21.6	25.0	24.0	25.8	28.1	29.1	26.8	19.4
52.5°	10.1	14.1	19.2	23.4	23.8	22.0	21.5	22.5	20.8	17.7	15.3
50°	12.0	16.5	21.4	23.9	23.3	20.9	17.8	17.3	16.7	15.5	14.1
47.5°	13.9	18.7	23.1	24.7	22.9	20.8	17.1	16.7	16.7	17.8	16.8
45°	15.7	20.2	24.6	24.9	23.6	21.9	20.3	18.6	21.9	23.0	22.9
42.5°	17.3	21.1	25.0	25.4	26.0	25.6	25.1	27.0	29.0	30.8	31.3
40°	17.9	21.7	26.3	29.6	29.7	31.0	34.5	37.8	37.9	40.2	41.5
37.5°	18.2	23.8	30.1	37.6	35.3	39.5	45.4	54.2	55.5	50.3	57.5
35°	18.1	26.8	40.2	48.9	47.7	50.6	64.6	77.6	83.5	75.0	86.6
32.5°	20.0	30.6	53.2	62.5	71.1	74.3	87.8	113.6	128.0	133.4	143.1
30°	24.2	42.6	68.1	78.1	102.4	118.5	129.8	160.6	187.0	266.9	326.2
27.5°	29.6	57.2	83.0	106.1	141.8	169.6	193.9	225.6	322.4	468.0	619.2
25°	34.8	76.8	99.2	142.3	190.8	228.4	261.7	306.6	509.3	807.7	935.1
22.5°	45.3	99.4	125.1	183.0	244.2	288.7	337.1	458.5	732.4	1180.7	1233.2
20°	62.4	121.2	160.5	228.7	303.5	349.3	413.4	618.1	984.9	1327.4	1469.5
17.5°	80.8	144.9	199.4	282.6	373.3	425.2	500.2	771.7	1202.5	1507.4	1697.9
15°	100.0	170.2	236.7	341.7	447.1	518.7	673.7	982.7	1374.3	1718.3	1996.0
12.5°	119.5	196.5	272.3	404.4	524.5	611.2	884.1	1304.5	1662.3	1984.4	2361.5
10°	138.7	223.1	305.9	468.8	603.9	701.9	1115.8	1631.5	1982.9	2297.9	2684.5
7.5°	177.2	258.9	341.5	533.0	683.8	790.3	1358.0	1956.6	2276.9	2572.6	2951.9
5°	219.2	303.1	396.1	609.5	763.8	871.8	1578.6	2270.9	2548.0	2814.6	3185.2
2.5°	260.2	345.2	449.0	682.9	840.4	942.5	1691.5	2443.4	2720.4	3000.2	3386.5
0°	298.2	385.1	499.3	749.8	911.7	1008.8	1773.9	2588.5	2864.5	3155.9	3563.2
-2.5°	329.9	425.8	552.4	781.5	931.5	1025.7	1746.8	2587.1	2918.2	3242.0	3663.4
-5°	356.3	463.8	601.4	807.8	947.4	1039.6	1693.2	2546.2	2962.6	3310.8	3738.9
-7.5°	377.0	498.8	645.4	828.3	957.1	1046.5	1669.6	2563.2	3041.8	3371.3	3788.3
-10°	388.4	512.8	648.7	827.4	958.9	1048.1	1617.5	2528.1	3107.6	3425.0	3809.2
-12.5°	373.2	506.9	640.3	818.9	959.5	1047.5	1517.1	2435.3	3161.4	3476.3	3790.1
-15°	356.5	498.2	626.5	802.1	959.6	1045.0	1363.7	2280.6	3130.8	3384.6	3710.7
-17.5°	338.9	486.5	607.2	776.6	960.0	1040.9	1145.8	1948.9	2825.4	3190.6	3582.6
-20°	321.4	471.8	582.2	742.0	954.9	1012.9	1061.7	1612.0	2380.1	2943.8	3340.0



REPORT NUMBER: P1305622 (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°	304.7	454.1	556.7	708.9	880.9	964.9	1011.2	1285.9	1921.5	2643.9	2977.5
-25°	295.6	428.0	534.5	658.3	803.6	914.8	954.7	1011.7	1516.6	2169.9	2646.7
-27.5°	291.0	405.2	504.9	607.9	732.1	854.7	897.8	947.5	1204.5	1705.9	2299.3
-30°	283.4	376.2	473.6	561.9	672.8	777.8	840.7	897.5	967.4	1344.1	1813.4
-32.5°	266.3	346.1	439.6	525.7	617.8	710.6	799.3	861.2	918.2	1020.3	1391.5
-35°	246.3	320.6	404.3	488.2	566.0	656.6	748.8	829.8	875.8	923.4	1087.1
-37.5°	229.7	293.6	368.3	449.3	524.2	606.3	695.7	781.3	845.0	888.4	950.5
-40°	211.8	265.1	335.8	409.5	482.8	557.0	639.2	722.5	801.9	868.2	918.3
-42.5°	192.6	243.8	303.3	369.4	439.5	509.3	581.1	660.2	743.8	830.3	895.2
-45°	171.5	221.4	271.0	332.8	394.9	459.9	526.6	596.5	681.1	764.0	846.2
-47.5°	148.9	197.3	245.1	295.7	353.0	410.9	470.7	541.8	616.2	694.4	771.6
-50°	125.4	170.5	218.5	264.6	313.4	364.6	417.7	487.9	558.9	626.5	695.8
-52.5°	102.8	142.1	188.1	234.6	277.9	322.9	373.9	435.5	501.8	567.4	629.1
-55°	79.4	115.8	155.3	200.2	244.7	284.9	332.9	387.6	443.6	505.8	565.6
-57.5°	61.3	89.1	123.7	162.1	205.2	249.4	295.2	341.2	392.3	445.0	496.5
-60°	45.7	66.0	92.4	125.6	161.3	204.5	254.5	300.2	343.5	386.6	433.7
-62.5°	31.6	47.6	66.3	89.3	120.4	155.9	198.8	246.1	296.5	334.7	372.3
-65°	28.3	32.7	45.6	62.7	80.0	109.5	143.6	180.8	223.6	262.6	303.3
-67.5°	24.7	28.7	32.8	39.6	55.0	71.3	88.6	118.9	151.3	179.3	208.4
-70°	22.4	24.8	28.1	31.9	35.8	42.4	56.7	71.8	86.9	103.2	126.5
-72.5°	20.2	22.4	24.6	26.7	29.9	33.2	36.4	39.5	48.2	60.0	70.8
-75°	18.3	20.0	22.0	24.0	25.7	27.6	29.8	32.6	35.2	38.0	41.0
-77.5°	16.5	17.7	19.2	21.0	22.4	23.5	24.9	26.5	28.2	29.9	31.5
-80°	14.8	15.3	16.1	17.2	18.5	19.5	20.5	21.3	22.2	23.5	24.8
-82.5°	13.2	13.6	14.0	14.3	15.0	15.8	16.7	17.6	18.2	18.8	19.4
-85°	11.6	11.9	12.2	12.4	12.7	13.1	13.5	14.0	14.3	14.6	14.9
-87.5°	10.1	10.2	10.3	10.4	10.7	11.0	11.2	11.4	11.6	11.7	11.8
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.8



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	11.9	11.9	11.9	11.9	11.9	14.5	17.0	19.6	22.2	26.0	29.8
87.5°	3.4	3.3	3.3	3.3	3.2	2.9	2.5	2.1	1.7	1.3	0.9
85°	3.4	3.4	3.4	3.4	3.4	3.0	2.6	2.1	1.7	1.7	1.7
82.5°	3.4	3.4	3.4	3.4	3.4	3.0	2.6	2.1	1.7	1.7	1.7
80°	3.9	3.9	3.8	3.7	3.4	3.0	2.6	2.2	1.7	1.7	1.7
77.5°	5.2	4.8	4.4	3.9	3.5	3.3	3.2	3.1	3.1	2.9	2.5
75°	5.3	5.1	5.2	5.0	4.4	4.1	4.0	3.8	3.5	3.3	3.3
72.5°	10.3	10.3	9.6	9.1	8.2	7.7	7.5	7.0	6.3	5.9	5.7
70°	18.7	18.4	17.7	16.2	13.8	11.9	10.8	9.7	8.5	8.1	8.2
67.5°	27.2	24.4	22.1	19.4	16.1	13.6	12.3	10.8	9.2	8.5	8.5
65°	31.5	25.7	21.9	19.0	16.8	14.4	12.1	10.1	8.3	7.4	7.6
62.5°	29.8	22.3	17.6	14.9	12.9	11.6	9.8	8.4	7.4	6.8	6.9
60°	24.7	16.6	12.5	11.1	9.8	8.6	8.0	7.3	6.4	5.7	5.9
57.5°	19.2	13.3	10.1	9.6	9.2	8.7	8.0	7.2	6.6	6.2	6.5
55°	14.3	11.8	10.3	10.4	10.1	9.3	8.4	8.3	8.1	7.9	8.1
52.5°	12.5	12.5	12.9	12.7	11.6	10.7	10.1	10.1	10.3	10.5	11.0
50°	14.2	14.7	14.5	13.3	13.1	12.7	11.9	12.6	13.6	14.0	14.3
47.5°	17.0	17.2	17.5	16.3	16.6	17.8	18.1	18.6	20.5	22.0	23.3
45°	21.8	23.7	24.2	24.9	25.4	27.9	29.2	29.9	35.3	37.7	38.0
42.5°	31.5	34.4	36.8	40.5	39.9	46.3	54.6	59.0	58.6	57.0	56.9
40°	46.1	51.1	62.4	68.4	74.9	82.3	83.1	74.0	74.1	83.3	82.8
37.5°	71.1	88.6	104.5	118.5	122.0	117.8	119.3	126.2	134.5	135.2	139.3
35°	119.9	155.2	163.4	174.2	186.0	174.8	173.4	184.5	180.8	199.9	213.7
32.5°	207.3	257.4	272.6	285.7	318.8	299.6	246.8	323.8	306.5	327.9	360.5
30°	329.7	428.3	494.6	514.4	522.8	525.1	574.8	618.9	653.8	700.4	766.4
27.5°	624.3	689.7	800.0	861.9	784.0	816.1	943.8	967.0	1098.5	1241.5	1358.9
25°	949.5	1022.8	1219.1	1243.7	1178.6	1298.2	1421.7	1447.3	1679.3	1847.7	2250.9
22.5°	1243.3	1366.3	1576.3	1635.9	1690.1	1832.1	1975.6	2146.7	2669.5	3317.7	4493.9
20°	1492.1	1629.3	1834.5	2000.3	2135.6	2316.8	2484.0	3068.3	4194.2	6656.8	9335.5
17.5°	1793.2	1878.2	2131.9	2353.5	2565.6	2825.2	3564.1	5039.8	8299.3	13665.1	18750.7
15°	2198.9	2367.9	2525.3	2765.2	3161.2	3916.5	5546.8	10353.6	17172.7	26532.1	38124.9
12.5°	2666.7	2899.8	3118.1	3321.6	3889.7	5671.1	10873.1	19208.7	30671.9	45706.7	68458.4
10°	3084.4	3440.5	3708.6	4063.6	5164.0	8628.2	16658.7	28443.0	48585.9	75151.1	104842.1
7.5°	3374.4	3797.7	4159.1	4686.9	6481.4	12350.0	23467.0	41818.7	70451.2	106246.0	146298.5
5°	3650.4	4127.7	4482.4	5131.6	7352.3	14935.3	28627.4	52967.8	91852.3	139150.2	190573.4
2.5°	3911.1	4419.0	4767.8	5530.0	7902.2	16113.7	30788.9	59898.8	105695.5	161719.9	222793.0
0°	4152.8	4633.4	4998.0	5717.1	8367.0	17245.1	32627.7	62133.6	110372.2	168364.9	232601.3
-2.5°	4107.7	4464.9	4868.6	5589.5	7924.8	16031.9	30484.8	59508.8	104881.6	160432.4	219519.0
-5°	4091.9	4381.6	4746.1	5399.5	7378.9	13852.8	27075.1	53582.2	95885.2	145947.5	200981.4
-7.5°	4104.0	4334.0	4619.0	5159.3	6719.5	11712.3	23540.6	46449.2	81390.3	123776.7	173474.5
-10°	4129.7	4307.7	4596.6	5071.9	6164.0	9361.4	17815.4	35787.0	63993.5	97706.5	136431.2
-12.5°	4174.3	4414.0	4703.9	5026.9	5605.7	7456.4	14011.3	27780.5	47314.8	70999.7	100465.8
-15°	4158.9	4468.0	4795.6	4995.0	5310.1	6340.3	9088.3	18343.2	32737.8	48446.2	66278.7
-17.5°	4046.9	4417.0	4560.9	4715.6	4907.4	5414.8	6948.6	11063.0	19259.9	29581.1	39613.9
-20°	3786.9	3974.1	4154.2	4338.9	4551.1	4831.2	5308.3	6911.0	9311.3	15168.0	20064.2



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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°	3298.8	3479.0	3635.0	3934.6	4148.8	4354.6	4617.4	4964.2	5887.3	7337.5	9747.6
-25°	2880.1	2991.1	3210.5	3560.3	3790.7	3913.8	4078.6	4210.2	4526.7	4863.4	5695.9
-27.5°	2545.4	2711.8	2982.3	3288.6	3509.4	3608.5	3695.1	3772.4	3971.2	4108.8	4345.2
-30°	2280.7	2550.1	2803.5	3083.8	3286.8	3404.6	3441.5	3553.1	3682.7	3780.9	3876.7
-32.5°	1900.8	2374.8	2605.3	2837.4	3066.8	3211.8	3311.1	3399.1	3520.7	3596.2	3633.9
-35°	1491.8	1977.1	2430.9	2586.6	2753.3	2961.6	3131.2	3220.6	3300.6	3373.4	3419.3
-37.5°	1125.8	1523.3	1945.8	2325.8	2504.2	2660.1	2906.7	3056.0	3128.5	3237.0	3298.7
-40°	976.3	1089.1	1449.6	1805.4	2125.6	2480.5	2720.4	2950.6	3178.2	3317.6	3408.2
-42.5°	942.9	988.9	1031.7	1281.0	1601.2	1922.8	2276.4	2666.8	2993.4	3239.3	3467.8
-45°	915.9	950.9	985.3	1024.3	1061.8	1307.8	1584.3	1875.4	2251.1	2614.8	2928.9
-47.5°	846.1	912.4	951.1	980.5	1011.1	1045.2	1076.5	1142.5	1395.2	1663.8	1918.9
-50°	766.7	832.5	891.3	945.8	985.2	1011.6	1031.3	1057.2	1087.4	1114.2	1138.8
-52.5°	688.6	752.3	812.2	871.4	926.9	978.0	1025.3	1055.1	1078.0	1098.1	1110.6
-55°	622.9	677.9	731.5	790.1	847.2	901.5	952.8	999.0	1042.3	1082.9	1106.1
-57.5°	551.1	605.2	658.8	713.0	765.1	815.1	864.5	912.8	958.6	1000.4	1025.7
-60°	480.0	525.5	578.9	634.4	686.3	734.7	784.0	830.7	874.0	910.8	933.4
-62.5°	413.3	455.7	500.1	549.4	602.8	654.9	698.8	743.0	787.2	825.3	851.3
-65°	342.5	378.1	414.1	452.7	493.5	536.2	580.1	623.3	665.4	699.8	724.4
-67.5°	242.4	277.7	312.0	346.4	377.8	409.3	442.9	476.8	510.5	538.2	560.1
-70°	149.4	171.5	192.3	214.6	240.8	268.2	296.2	322.4	346.6	364.5	377.8
-72.5°	80.6	89.5	100.2	116.9	132.4	148.8	165.8	182.0	197.3	208.6	217.0
-75°	44.1	48.2	55.1	61.6	67.7	75.0	82.4	89.4	95.8	102.2	108.1
-77.5°	33.4	35.5	37.3	38.9	40.3	42.9	45.8	48.7	51.6	55.5	59.5
-80°	26.1	27.2	28.2	29.2	30.2	32.0	33.8	35.7	37.5	39.3	41.0
-82.5°	20.1	20.6	21.1	21.5	22.0	23.1	24.3	25.4	26.5	28.4	30.3
-85°	15.2	15.5	15.9	16.1	16.4	17.2	18.2	19.1	20.0	21.4	22.8
-87.5°	11.9	12.3	12.6	13.0	13.4	14.1	14.6	15.1	15.5	16.8	18.0
-90°	3.4	3.0	2.6	2.1	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°	33.7	37.5	40.0	42.6	40.0	37.5	33.7	29.8	26.0	22.2	19.6
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	2.1
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
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°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.1	3.1
75°	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.5	3.8
72.5°	5.5	5.1	5.1	5.1	5.1	5.1	5.5	5.7	5.9	6.3	7.0
70°	8.3	8.4	8.5	8.5	8.5	8.4	8.3	8.2	8.1	8.5	9.7
67.5°	8.5	8.5	7.7	6.8	7.7	8.5	8.5	8.5	8.5	9.2	10.8
65°	8.0	8.4	7.7	6.8	7.7	8.4	8.0	7.6	7.4	8.3	10.1
62.5°	6.9	6.9	6.8	6.8	6.8	6.9	6.9	6.9	6.8	7.4	8.4
60°	6.3	6.7	6.8	6.8	6.8	6.7	6.3	5.9	5.7	6.4	7.3
57.5°	6.7	6.8	7.5	8.5	7.5	6.8	6.7	6.5	6.2	6.6	7.2
55°	8.3	8.4	8.5	8.5	8.5	8.4	8.3	8.1	7.9	8.1	8.3
52.5°	11.4	11.7	11.8	11.9	11.8	11.7	11.4	11.0	10.5	10.3	10.1
50°	14.7	15.1	14.7	13.6	14.7	15.1	14.7	14.3	14.0	13.6	12.6
47.5°	24.5	25.1	24.8	23.9	24.8	25.1	24.5	23.3	22.0	20.5	18.6
45°	39.0	39.0	38.9	39.2	38.9	39.0	39.0	38.0	37.7	35.3	29.9
42.5°	58.4	58.9	59.1	59.6	59.1	58.9	58.4	56.9	57.0	58.6	59.0
40°	84.3	84.8	83.8	81.8	83.8	84.8	84.3	82.8	83.3	74.1	74.0
37.5°	146.4	149.7	148.9	146.5	148.9	149.7	146.4	139.3	135.2	134.5	126.2
35°	218.7	216.7	210.9	211.3	210.9	216.7	218.7	213.7	199.9	180.8	184.5
32.5°	341.5	353.8	357.6	359.6	357.6	353.8	341.5	360.5	327.9	306.5	323.8
30°	813.0	788.4	679.3	645.8	679.3	788.4	813.0	766.4	700.4	653.8	618.9
27.5°	1444.3	1522.1	1593.3	1600.1	1593.3	1522.1	1444.3	1358.9	1241.5	1098.5	967.0
25°	2667.2	2929.2	3039.6	3024.7	3039.6	2929.2	2667.2	2250.9	1847.7	1679.3	1447.3
22.5°	5884.7	6778.9	7245.0	7261.0	7245.0	6778.9	5884.7	4493.9	3317.7	2669.5	2146.7
20°	12840.4	14998.6	15543.6	15380.9	15543.6	14998.6	12840.4	9335.5	6656.8	4194.2	3068.3
17.5°	26475.7	32859.8	37218.4	37518.4	37218.4	32859.8	26475.7	18750.7	13665.1	8299.3	5039.8
15°	51529.6	63265.0	69350.7	70384.7	69350.7	63265.0	51529.6	38124.9	26532.1	17172.7	10353.6
12.5°	90018.2	107880.4	117818.9	119519.7	117818.9	107880.4	90018.2	68458.4	45706.7	30671.9	19208.7
10°	137306.2	162219.6	178418.9	185731.1	178418.9	162219.6	137306.2	104842.1	75151.1	48585.9	28443.0
7.5°	185827.3	225076.7	257130.1	264397.5	257130.1	225076.7	185827.3	146298.5	106246.0	70451.2	41818.7
5°	245854.5	298481.7	329263.3	336372.0	329263.3	298481.7	245854.5	190573.4	139150.2	91852.3	52967.8
2.5°	290368.1	346951.3	379213.7	396943.0	379213.7	346951.3	290368.1	222793.0	161719.9	105695.5	59898.8
0°	304182.3	355668.8	394455.0	422343.7	394455.0	355668.8	304182.3	232601.3	168364.9	110372.2	62133.6
-2.5°	285484.4	340076.4	368220.0	383899.2	368220.0	340076.4	285484.4	219519.0	160432.4	104881.6	59508.8
-5°	255738.3	305920.5	336613.0	346075.0	336613.0	305920.5	255738.3	200981.4	145947.5	95885.2	53582.2
-7.5°	216766.6	253413.4	276399.2	287989.3	276399.2	253413.4	216766.6	173474.5	123776.7	81390.3	46449.2
-10°	174583.4	202396.4	219541.5	225953.8	219541.5	202396.4	174583.4	136431.2	97706.5	63993.5	35787.0
-12.5°	127871.3	150023.9	163195.6	168277.2	163195.6	150023.9	127871.3	100465.8	70999.7	47314.8	27780.5
-15°	84400.9	100369.8	110501.5	114039.4	110501.5	100369.8	84400.9	66278.7	48446.2	32737.8	18343.2
-17.5°	51155.2	59970.1	66528.6	68183.0	66528.6	59970.1	51155.2	39613.9	29581.1	19259.9	11063.0
-20°	27070.5	31037.1	33252.4	34751.0	33252.4	31037.1	27070.5	20064.2	15168.0	9311.3	6911.0



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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°	12833.5	14993.7	15989.3	16749.2	15989.3	14993.7	12833.5	9747.6	7337.5	5887.3	4964.2
-25°	6422.7	6869.5	7064.1	7336.0	7064.1	6869.5	6422.7	5695.9	4863.4	4526.7	4210.2
-27.5°	4505.0	4609.8	4651.2	4684.5	4651.2	4609.8	4505.0	4345.2	4108.8	3971.2	3772.4
-30°	3925.9	3943.1	3940.5	3938.1	3940.5	3943.1	3925.9	3876.7	3780.9	3682.7	3553.1
-32.5°	3674.7	3693.0	3691.6	3689.3	3691.6	3693.0	3674.7	3633.9	3596.2	3520.7	3399.1
-35°	3448.8	3472.7	3484.5	3489.9	3484.5	3472.7	3448.8	3419.3	3373.4	3300.6	3220.6
-37.5°	3333.1	3338.3	3324.7	3309.3	3324.7	3338.3	3333.1	3298.7	3237.0	3128.5	3056.0
-40°	3452.7	3533.6	3615.0	3639.9	3615.0	3533.6	3452.7	3408.2	3317.6	3178.2	2950.6
-42.5°	3543.0	3595.1	3618.6	3610.9	3618.6	3595.1	3543.0	3467.8	3239.3	2993.4	2666.8
-45°	3136.5	3297.7	3393.2	3416.6	3393.2	3297.7	3136.5	2928.9	2614.8	2251.1	1875.4
-47.5°	2133.0	2313.6	2427.4	2464.1	2427.4	2313.6	2133.0	1918.9	1663.8	1395.2	1142.5
-50°	1162.7	1185.4	1192.9	1186.0	1192.9	1185.4	1162.7	1138.8	1114.2	1087.4	1057.2
-52.5°	1122.8	1136.3	1145.0	1150.2	1145.0	1136.3	1122.8	1110.6	1098.1	1078.0	1055.1
-55°	1125.9	1143.2	1152.8	1157.1	1152.8	1143.2	1125.9	1106.1	1082.9	1042.3	999.0
-57.5°	1048.1	1067.6	1077.0	1080.4	1077.0	1067.6	1048.1	1025.7	1000.4	958.6	912.8
-60°	953.9	972.4	979.6	981.5	979.6	972.4	953.9	933.4	910.8	874.0	830.7
-62.5°	875.4	897.3	906.5	910.0	906.5	897.3	875.4	851.3	825.3	787.2	743.0
-65°	746.2	764.8	771.1	771.9	771.1	764.8	746.2	724.4	699.8	665.4	623.3
-67.5°	579.6	596.4	602.3	603.2	602.3	596.4	579.6	560.1	538.2	510.5	476.8
-70°	388.5	396.6	400.1	400.5	400.1	396.6	388.5	377.8	364.5	346.6	322.4
-72.5°	223.7	228.6	230.2	230.0	230.2	228.6	223.7	217.0	208.6	197.3	182.0
-75°	113.3	117.9	119.0	119.3	119.0	117.9	113.3	108.1	102.2	95.8	89.4
-77.5°	63.6	67.6	68.1	68.2	68.1	67.6	63.6	59.5	55.5	51.6	48.7
-80°	42.6	44.1	44.3	44.3	44.3	44.1	42.6	41.0	39.3	37.5	35.7
-82.5°	32.1	34.0	34.1	34.1	34.1	34.0	32.1	30.3	28.4	26.5	25.4
-85°	24.2	25.6	26.4	27.3	26.4	25.6	24.2	22.8	21.4	20.0	19.1
-87.5°	19.2	20.5	21.3	22.2	21.3	20.5	19.2	18.0	16.8	15.5	15.1
-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°	17.0	14.5	11.9	11.9	11.9	11.9	11.9	11.5	11.1	10.6	10.2
87.5°	2.5	2.9	3.2	3.3	3.3	3.3	3.4	3.8	4.3	4.7	5.1
85°	2.6	3.0	3.4	3.4	3.4	3.4	3.4	3.8	4.3	4.7	5.1
82.5°	2.6	3.0	3.4	3.4	3.4	3.4	3.4	3.9	4.3	4.7	5.1
80°	2.6	3.0	3.4	3.7	3.8	3.9	3.9	4.2	4.4	4.7	5.1
77.5°	3.2	3.3	3.5	3.9	4.4	4.8	5.2	5.6	5.8	5.9	6.0
75°	4.0	4.1	4.4	5.0	5.2	5.1	5.3	5.7	6.1	6.5	6.8
72.5°	7.5	7.7	8.2	9.1	9.6	10.3	10.3	9.6	8.8	7.6	6.8
70°	10.8	11.9	13.8	16.2	17.7	18.4	18.7	17.9	15.6	13.7	11.3
67.5°	12.3	13.6	16.1	19.4	22.1	24.4	27.2	29.8	29.9	27.4	19.6
65°	12.1	14.4	16.8	19.0	21.9	25.7	31.5	35.2	37.7	38.7	31.8
62.5°	9.8	11.6	12.9	14.9	17.6	22.3	29.8	36.0	41.4	42.5	35.9
60°	8.0	8.6	9.8	11.1	12.5	16.6	24.7	33.3	42.2	41.0	36.7
57.5°	8.0	8.7	9.2	9.6	10.1	13.3	19.2	27.4	36.6	36.2	33.7
55°	8.4	9.3	10.1	10.4	10.3	11.8	14.3	19.4	26.8	29.1	28.1
52.5°	10.1	10.7	11.6	12.7	12.9	12.5	12.5	15.3	17.7	20.8	22.5
50°	11.9	12.7	13.1	13.3	14.5	14.7	14.2	14.1	15.5	16.7	17.3
47.5°	18.1	17.8	16.6	16.3	17.5	17.2	17.0	16.8	17.8	16.7	16.7
45°	29.2	27.9	25.4	24.9	24.2	23.7	21.8	22.9	23.0	21.9	18.6
42.5°	54.6	46.3	39.9	40.5	36.8	34.4	31.5	31.3	30.8	29.0	27.0
40°	83.1	82.3	74.9	68.4	62.4	51.1	46.1	41.5	40.2	37.9	37.8
37.5°	119.3	117.8	122.0	118.5	104.5	88.6	71.1	57.5	50.3	55.5	54.2
35°	173.4	174.8	186.0	174.2	163.4	155.2	119.9	86.6	75.0	83.5	77.6
32.5°	246.8	299.6	318.8	285.7	272.6	257.4	207.3	143.1	133.4	128.0	113.6
30°	574.8	525.1	522.8	514.4	494.6	428.3	329.7	326.2	266.9	187.0	160.6
27.5°	943.8	816.1	784.0	861.9	800.0	689.7	624.3	619.2	468.0	322.4	225.6
25°	1421.7	1298.2	1178.6	1243.7	1219.1	1022.8	949.5	935.1	807.7	509.3	306.6
22.5°	1975.6	1832.1	1690.1	1635.9	1576.3	1366.3	1243.3	1233.2	1180.7	732.4	458.5
20°	2484.0	2316.8	2135.6	2000.3	1834.5	1629.3	1492.1	1469.5	1327.4	984.9	618.1
17.5°	3564.1	2825.2	2565.6	2353.5	2131.9	1878.2	1793.2	1697.9	1507.4	1202.5	771.7
15°	5546.8	3916.5	3161.2	2765.2	2525.3	2367.9	2198.9	1996.0	1718.3	1374.3	982.7
12.5°	10873.1	5671.1	3889.7	3321.6	3118.1	2899.8	2666.7	2361.5	1984.4	1662.3	1304.5
10°	16658.7	8628.2	5164.0	4063.6	3708.6	3440.5	3084.4	2684.5	2297.9	1982.9	1631.5
7.5°	23467.0	12350.0	6481.4	4686.9	4159.1	3797.7	3374.4	2951.9	2572.6	2276.9	1956.6
5°	28627.4	14935.3	7352.3	5131.6	4482.4	4127.7	3650.4	3185.2	2814.6	2548.0	2270.9
2.5°	30788.9	16113.7	7902.2	5530.0	4767.8	4419.0	3911.1	3386.5	3000.2	2720.4	2443.4
0°	<b>32627.7</b>	<b>17245.1</b>	<b>8367.0</b>	<b>5717.1</b>	<b>4998.0</b>	<b>4633.4</b>	<b>4152.8</b>	<b>3563.2</b>	<b>3155.9</b>	<b>2864.5</b>	<b>2588.5</b>
-2.5°	30484.8	16031.9	7924.8	5589.5	4868.6	4464.9	4107.7	3663.4	3242.0	2918.2	2587.1
-5°	27075.1	13852.8	7378.9	5399.5	4746.1	4381.6	4091.9	3738.9	3310.8	2962.6	2546.2
-7.5°	23540.6	11712.3	6719.5	5159.3	4619.0	4334.0	4104.0	3788.3	3371.3	3041.8	2563.2
-10°	17815.4	9361.4	6164.0	5071.9	4596.6	4307.7	4129.7	3809.2	3425.0	3107.6	2528.1
-12.5°	14011.3	7456.4	5605.7	5026.9	4703.9	4414.0	4174.3	3790.1	3476.3	3161.4	2435.3
-15°	9088.3	6340.3	5310.1	4995.0	4795.6	4468.0	4158.9	3710.7	3384.6	3130.8	2280.6
-17.5°	6948.6	5414.8	4907.4	4715.6	4560.9	4417.0	4046.9	3582.6	3190.6	2825.4	1948.9
-20°	5308.3	4831.2	4551.1	4338.9	4154.2	3974.1	3786.9	3340.0	2943.8	2380.1	1612.0



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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°	4617.4	4354.6	4148.8	3934.6	3635.0	3479.0	3298.8	2977.5	2643.9	1921.5	1285.9
-25°	4078.6	3913.8	3790.7	3560.3	3210.5	2991.1	2880.1	2646.7	2169.9	1516.6	1011.7
-27.5°	3695.1	3608.5	3509.4	3288.6	2982.3	2711.8	2545.4	2299.3	1705.9	1204.5	947.5
-30°	3441.5	3404.6	3286.8	3083.8	2803.5	2550.1	2280.7	1813.4	1344.1	967.4	897.5
-32.5°	3311.1	3211.8	3066.8	2837.4	2605.3	2374.8	1900.8	1391.5	1020.3	918.2	861.2
-35°	3131.2	2961.6	2753.3	2586.6	2430.9	1977.1	1491.8	1087.1	923.4	875.8	829.8
-37.5°	2906.7	2660.1	2504.2	2325.8	1945.8	1523.3	1125.8	950.5	888.4	845.0	781.3
-40°	2720.4	2480.5	2125.6	1805.4	1449.6	1089.1	976.3	918.3	868.2	801.9	722.5
-42.5°	2276.4	1922.8	1601.2	1281.0	1031.7	988.9	942.9	895.2	830.3	743.8	660.2
-45°	1584.3	1307.8	1061.8	1024.3	985.3	950.9	915.9	846.2	764.0	681.1	596.5
-47.5°	1076.5	1045.2	1011.1	980.5	951.1	912.4	846.1	771.6	694.4	616.2	541.8
-50°	1031.3	1011.6	985.2	945.8	891.3	832.5	766.7	695.8	626.5	558.9	487.9
-52.5°	1025.3	978.0	926.9	871.4	812.2	752.3	688.6	629.1	567.4	501.8	435.5
-55°	952.8	901.5	847.2	790.1	731.5	677.9	622.9	565.6	505.8	443.6	387.6
-57.5°	864.5	815.1	765.1	713.0	658.8	605.2	551.1	496.5	445.0	392.3	341.2
-60°	784.0	734.7	686.3	634.4	578.9	525.5	480.0	433.7	386.6	343.5	300.2
-62.5°	698.8	654.9	602.8	549.4	500.1	455.7	413.3	372.3	334.7	296.5	246.1
-65°	580.1	536.2	493.5	452.7	414.1	378.1	342.5	303.3	262.6	223.6	180.8
-67.5°	442.9	409.3	377.8	346.4	312.0	277.7	242.4	208.4	179.3	151.3	118.9
-70°	296.2	268.2	240.8	214.6	192.3	171.5	149.4	126.5	103.2	86.9	71.8
-72.5°	165.8	148.8	132.4	116.9	100.2	89.5	80.6	70.8	60.0	48.2	39.5
-75°	82.4	75.0	67.7	61.6	55.1	48.2	44.1	41.0	38.0	35.2	32.6
-77.5°	45.8	42.9	40.3	38.9	37.3	35.5	33.4	31.5	29.9	28.2	26.5
-80°	33.8	32.0	30.2	29.2	28.2	27.2	26.1	24.8	23.5	22.2	21.3
-82.5°	24.3	23.1	22.0	21.5	21.1	20.6	20.1	19.4	18.8	18.2	17.6
-85°	18.2	17.2	16.4	16.1	15.9	15.5	15.2	14.9	14.6	14.3	14.0
-87.5°	14.6	14.1	13.4	13.0	12.6	12.3	11.9	11.8	11.7	11.6	11.4
-90°	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.8	4.3	4.7	5.1



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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°	9.8	9.4	8.9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
87.5°	5.1	5.1	5.1	5.1	5.3	5.5	5.7	5.8	6.0	6.2	6.5
85°	5.1	5.1	5.1	5.1	5.5	6.0	6.3	6.5	6.5	6.5	6.6
82.5°	5.1	5.1	5.1	5.1	5.6	6.0	6.4	6.8	6.8	6.8	6.8
80°	5.1	5.1	5.1	5.2	5.6	6.0	6.4	6.8	6.8	6.8	6.8
77.5°	5.7	5.4	5.1	5.2	5.6	6.1	6.5	6.8	6.8	6.8	6.8
75°	6.8	6.5	6.2	5.9	5.9	6.1	6.5	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.5	6.4	6.6	6.8	6.8	6.8	6.8
70°	9.0	7.2	6.8	6.8	6.8	6.8	6.7	6.9	6.8	6.8	6.8
67.5°	12.8	10.2	8.2	7.0	6.8	6.8	6.8	7.0	7.1	6.8	6.8
65°	22.7	15.3	10.0	8.3	7.2	6.8	6.8	7.2	7.3	7.2	6.8
62.5°	29.3	22.1	15.2	10.4	7.9	7.0	6.8	7.2	7.6	7.6	7.1
60°	32.4	25.6	20.1	14.9	10.0	7.2	6.9	7.3	7.7	8.0	7.6
57.5°	30.0	27.4	23.4	18.6	13.5	8.8	7.0	7.4	7.8	8.1	8.0
55°	25.8	24.0	25.0	21.6	16.6	11.5	8.0	7.5	7.9	8.2	8.5
52.5°	21.5	22.0	23.8	23.4	19.2	14.1	10.1	7.6	8.0	8.3	8.5
50°	17.8	20.9	23.3	23.9	21.4	16.5	12.0	9.0	8.1	8.4	8.5
47.5°	17.1	20.8	22.9	24.7	23.1	18.7	13.9	10.2	8.2	8.5	8.5
45°	20.3	21.9	23.6	24.9	24.6	20.2	15.7	11.2	8.9	8.6	8.5
42.5°	25.1	25.6	26.0	25.4	25.0	21.1	17.3	12.5	9.5	8.7	8.6
40°	34.5	31.0	29.7	29.6	26.3	21.7	17.9	13.8	9.9	9.0	8.7
37.5°	45.4	39.5	35.3	37.6	30.1	23.8	18.2	14.9	11.0	9.7	8.9
35°	64.6	50.6	47.7	48.9	40.2	26.8	18.1	15.5	12.8	10.5	9.1
32.5°	87.8	74.3	71.1	62.5	53.2	30.6	20.0	16.9	14.6	11.3	9.3
30°	129.8	118.5	102.4	78.1	68.1	42.6	24.2	18.7	16.5	12.2	9.7
27.5°	193.9	169.6	141.8	106.1	83.0	57.2	29.6	20.7	18.5	13.4	10.4
25°	261.7	228.4	190.8	142.3	99.2	76.8	34.8	23.1	20.3	15.0	11.1
22.5°	337.1	288.7	244.2	183.0	125.1	99.4	45.3	27.5	22.1	16.6	11.9
20°	413.4	349.3	303.5	228.7	160.5	121.2	62.4	31.7	24.0	18.2	12.7
17.5°	500.2	425.2	373.3	282.6	199.4	144.9	80.8	35.6	26.1	19.7	13.4
15°	673.7	518.7	447.1	341.7	236.7	170.2	100.0	39.3	28.2	21.2	14.2
12.5°	884.1	611.2	524.5	404.4	272.3	196.5	119.5	42.7	30.3	22.6	14.8
10°	1115.8	701.9	603.9	468.8	305.9	223.1	138.7	47.8	33.6	24.1	15.4
7.5°	1358.0	790.3	683.8	533.0	341.5	258.9	177.2	57.5	37.2	25.5	15.9
5°	1578.6	871.8	763.8	609.5	396.1	303.1	219.2	67.5	40.9	26.8	16.3
2.5°	1691.5	942.5	840.4	682.9	449.0	345.2	260.2	77.4	44.4	28.0	16.7
0°	1773.9	1008.8	911.7	749.8	499.3	385.1	298.2	86.9	47.7	29.0	17.0
-2.5°	1746.8	1025.7	931.5	781.5	552.4	425.8	329.9	112.2	62.3	37.6	21.0
-5°	1693.2	1039.6	947.4	807.8	601.4	463.8	356.3	136.1	76.3	45.7	24.8
-7.5°	1669.6	1046.5	957.1	828.3	645.4	498.8	377.0	158.0	89.3	53.2	28.3
-10°	1617.5	1048.1	958.9	827.4	648.7	512.8	388.4	177.2	101.1	60.0	31.4
-12.5°	1517.1	1047.5	959.5	818.9	640.3	506.9	373.2	188.6	111.3	65.7	34.1
-15°	1363.7	1045.0	959.6	802.1	626.5	498.2	356.5	195.5	119.3	70.8	36.1
-17.5°	1145.8	1040.9	960.0	776.6	607.2	486.5	338.9	200.0	125.8	75.6	38.5
-20°	1061.7	1012.9	954.9	742.0	582.2	471.8	321.4	202.3	130.8	79.1	40.6



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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°	1011.2	964.9	880.9	708.9	556.7	454.1	304.7	202.2	134.2	81.2	41.8
-25°	954.7	914.8	803.6	658.3	534.5	428.0	295.6	199.7	135.9	82.0	41.7
-27.5°	897.8	854.7	732.1	607.9	504.9	405.2	291.0	200.6	136.0	81.2	40.4
-30°	840.7	777.8	672.8	561.9	473.6	376.2	283.4	199.5	134.8	79.6	37.7
-32.5°	799.3	710.6	617.8	525.7	439.6	346.1	266.3	196.1	131.5	76.6	36.4
-35°	748.8	656.6	566.0	488.2	404.3	320.6	246.3	190.3	126.1	71.5	35.0
-37.5°	695.7	606.3	524.2	449.3	368.3	293.6	229.7	175.7	118.6	64.5	32.8
-40°	639.2	557.0	482.8	409.5	335.8	265.1	211.8	159.6	108.9	55.5	29.9
-42.5°	581.1	509.3	439.5	369.4	303.3	243.8	192.6	142.0	93.9	49.3	26.2
-45°	526.6	459.9	394.9	332.8	271.0	221.4	171.5	123.1	77.6	44.1	23.3
-47.5°	470.7	410.9	353.0	295.7	245.1	197.3	148.9	104.1	60.7	37.8	22.3
-50°	417.7	364.6	313.4	264.6	218.5	170.5	125.4	84.3	51.8	30.1	21.1
-52.5°	373.9	322.9	277.9	234.6	188.1	142.1	102.8	64.7	42.1	26.2	19.7
-55°	332.9	284.9	244.7	200.2	155.3	115.8	79.4	52.7	31.7	24.0	18.1
-57.5°	295.2	249.4	205.2	162.1	123.7	89.1	61.3	39.9	27.3	21.8	17.2
-60°	254.5	204.5	161.3	125.6	92.4	66.0	45.7	29.8	24.7	19.7	16.1
-62.5°	198.8	155.9	120.4	89.3	66.3	47.6	31.6	26.9	22.0	18.3	14.9
-65°	143.6	109.5	80.0	62.7	45.6	32.7	28.3	23.8	20.2	16.9	13.8
-67.5°	88.6	71.3	55.0	39.6	32.8	28.7	24.7	21.6	18.5	15.5	13.0
-70°	56.7	42.4	35.8	31.9	28.1	24.8	22.4	19.7	16.8	14.5	12.2
-72.5°	36.4	33.2	29.9	26.7	24.6	22.4	20.2	17.9	15.7	13.5	11.3
-75°	29.8	27.6	25.7	24.0	22.0	20.0	18.3	16.7	14.6	12.5	10.8
-77.5°	24.9	23.5	22.4	21.0	19.2	17.7	16.5	15.4	13.5	11.8	10.2
-80°	20.5	19.5	18.5	17.2	16.1	15.3	14.8	14.1	12.5	11.0	9.7
-82.5°	16.7	15.8	15.0	14.3	14.0	13.6	13.2	12.7	11.4	10.2	9.2
-85°	13.5	13.1	12.7	12.4	12.2	11.9	11.6	11.3	10.4	9.6	9.0
-87.5°	11.2	11.0	10.7	10.4	10.3	10.2	10.1	9.9	9.5	9.1	8.8
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.5	6.0	6.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.5	8.1	7.7	7.2	6.8	6.8	6.8
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
67.5°	6.9	6.8	6.8	6.8	6.8	6.8	6.8
65°	6.9	6.9	6.8	6.8	6.8	6.8	6.8
62.5°	7.0	7.0	6.8	6.8	6.8	6.8	6.8
60°	7.1	7.1	6.8	6.8	6.8	6.8	6.8
57.5°	7.4	7.3	7.0	6.8	6.8	6.8	6.8
55°	7.8	7.5	7.1	6.8	6.8	6.8	6.8
52.5°	8.1	7.7	7.3	6.8	6.9	6.8	6.8
50°	8.3	7.9	7.5	6.8	6.9	6.8	6.8
47.5°	8.5	8.0	7.7	6.8	7.0	6.8	6.8
45°	8.5	8.2	7.9	7.0	7.0	6.8	6.8
42.5°	8.5	8.3	8.1	7.2	7.1	6.8	6.8
40°	8.5	8.4	8.3	7.3	7.1	6.8	6.8
37.5°	8.5	8.5	8.3	7.5	7.2	6.8	6.8
35°	8.5	8.5	8.4	7.7	7.3	6.8	6.8
32.5°	8.6	8.5	8.5	7.9	7.3	6.8	6.8
30°	8.7	8.5	8.5	8.0	7.4	6.8	6.8
27.5°	8.9	8.5	8.5	8.1	7.5	6.8	6.8
25°	9.1	8.5	8.5	8.2	7.6	6.8	6.8
22.5°	9.3	8.5	8.5	8.3	7.7	6.8	6.8
20°	9.5	8.7	8.5	8.3	7.8	6.8	6.8
17.5°	9.9	8.8	8.5	8.4	7.9	6.8	6.8
15°	10.2	9.0	8.5	8.4	8.0	6.8	6.8
12.5°	10.5	9.2	8.5	8.5	8.1	6.8	6.8
10°	10.8	9.4	8.5	8.5	8.2	6.8	6.8
7.5°	11.1	9.6	8.5	8.5	8.3	6.8	6.8
5°	11.4	9.8	8.5	8.5	8.3	6.8	6.8
2.5°	11.7	10.0	8.5	8.5	8.4	6.8	6.8
0°	11.9	10.2	8.5	8.5	8.5	6.8	6.8
-2.5°	13.3	10.6	8.6	8.6	8.5	6.8	6.8
-5°	14.6	10.9	8.8	8.7	8.5	6.9	6.8
-7.5°	15.8	11.2	8.9	8.8	8.5	6.9	6.8
-10°	16.9	11.5	9.1	8.9	8.5	6.9	6.8
-12.5°	17.8	11.8	9.2	9.0	8.4	7.0	6.8
-15°	18.6	11.9	9.4	9.1	8.4	7.0	6.8
-17.5°	19.1	12.1	9.5	9.2	8.4	7.0	6.8
-20°	19.7	12.2	9.7	9.2	8.4	7.1	6.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.4	12.2	9.8	9.3	8.3	7.1	6.8
-25°	20.6	12.4	9.9	9.3	8.3	7.1	6.8
-27.5°	20.5	12.6	10.1	9.3	8.3	7.1	6.8
-30°	19.8	12.6	10.2	9.3	8.3	7.2	6.8
-32.5°	18.7	12.6	10.4	9.2	8.3	7.2	6.8
-35°	18.2	12.5	10.6	9.2	8.2	7.2	6.8
-37.5°	18.0	12.4	10.7	9.1	8.2	7.2	6.8
-40°	17.6	12.6	10.7	9.0	8.2	7.2	6.8
-42.5°	17.1	12.6	10.7	8.9	8.2	7.2	6.8
-45°	16.5	12.6	10.5	8.8	8.2	7.2	6.8
-47.5°	15.6	12.4	10.4	8.6	8.2	7.2	6.8
-50°	15.2	12.2	10.2	8.6	8.2	7.2	6.8
-52.5°	14.8	12.0	9.9	8.6	8.2	7.2	6.8
-55°	14.3	11.6	9.7	8.6	8.2	7.2	6.8
-57.5°	13.6	11.2	9.4	8.6	8.3	7.2	6.8
-60°	12.9	10.8	9.1	8.6	8.3	7.2	6.8
-62.5°	12.3	10.3	9.1	8.6	8.2	7.1	6.8
-65°	11.6	9.9	9.0	8.6	8.1	7.1	6.8
-67.5°	10.9	9.5	8.9	8.5	8.0	7.1	6.8
-70°	10.2	9.3	8.8	8.5	7.9	7.1	6.8
-72.5°	9.7	9.1	8.7	8.4	7.8	7.0	6.8
-75°	9.4	8.8	8.5	8.2	7.6	7.0	6.8
-77.5°	9.0	8.6	8.4	8.0	7.5	7.0	6.8
-80°	8.6	8.4	8.2	7.9	7.4	6.9	6.8
-82.5°	8.5	8.3	8.1	7.7	7.2	6.9	6.8
-85°	8.5	8.3	7.9	7.6	7.1	6.9	6.8
-87.5°	8.5	8.2	7.8	7.4	6.9	6.8	6.8
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8

(END OF REPORT)