

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: P1305635 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-5S-CV5-A**

Issue Date: 2/3/2026

Test Information

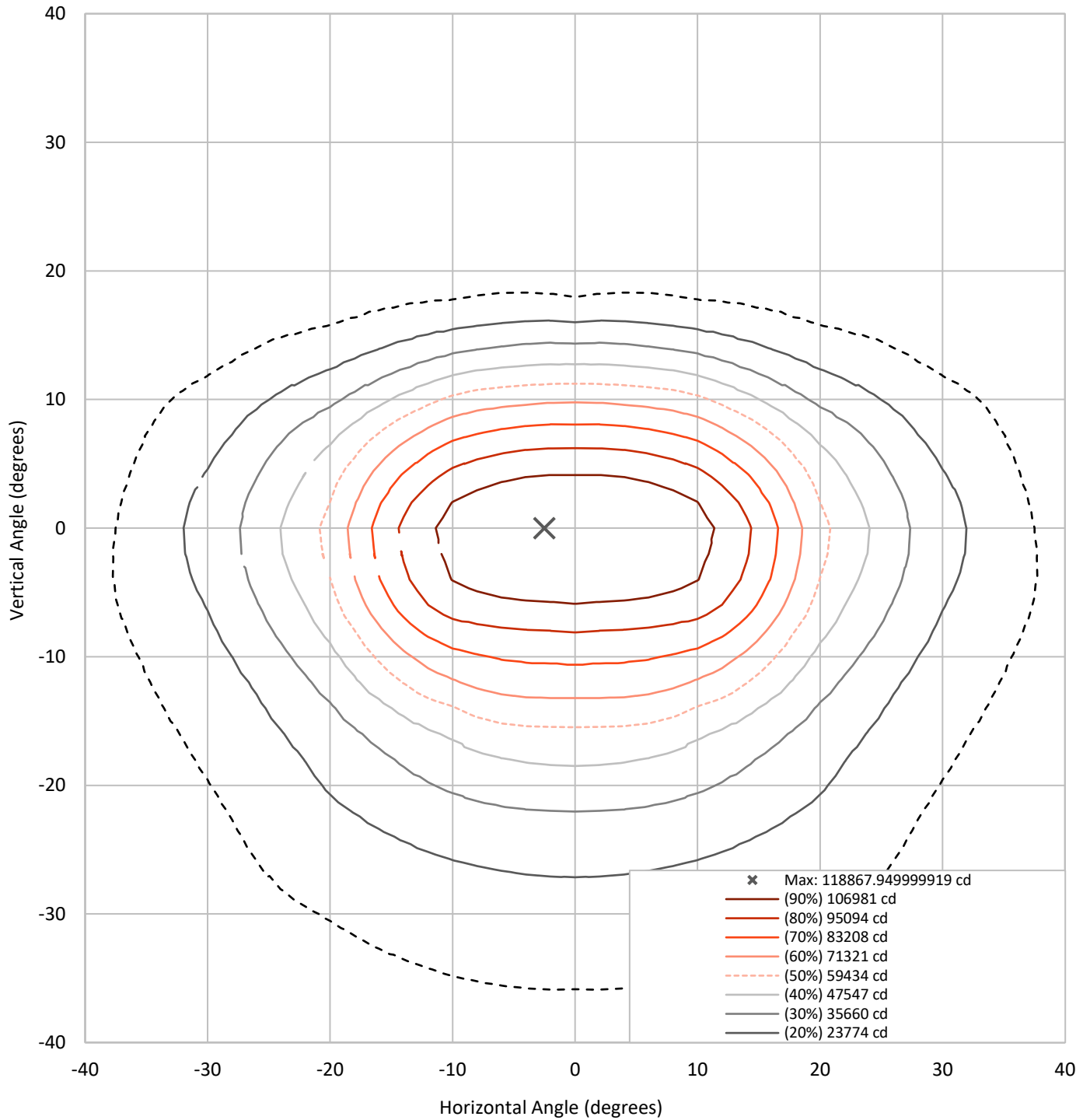
Test Method: LM-79-08
Report Number: P1305635 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-5S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	47102.1 lumens	Max Intensity:	118867.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	72.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	23344.9 lumens	Field Lumens:	42223.5 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%
Input Watts (W):	648		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





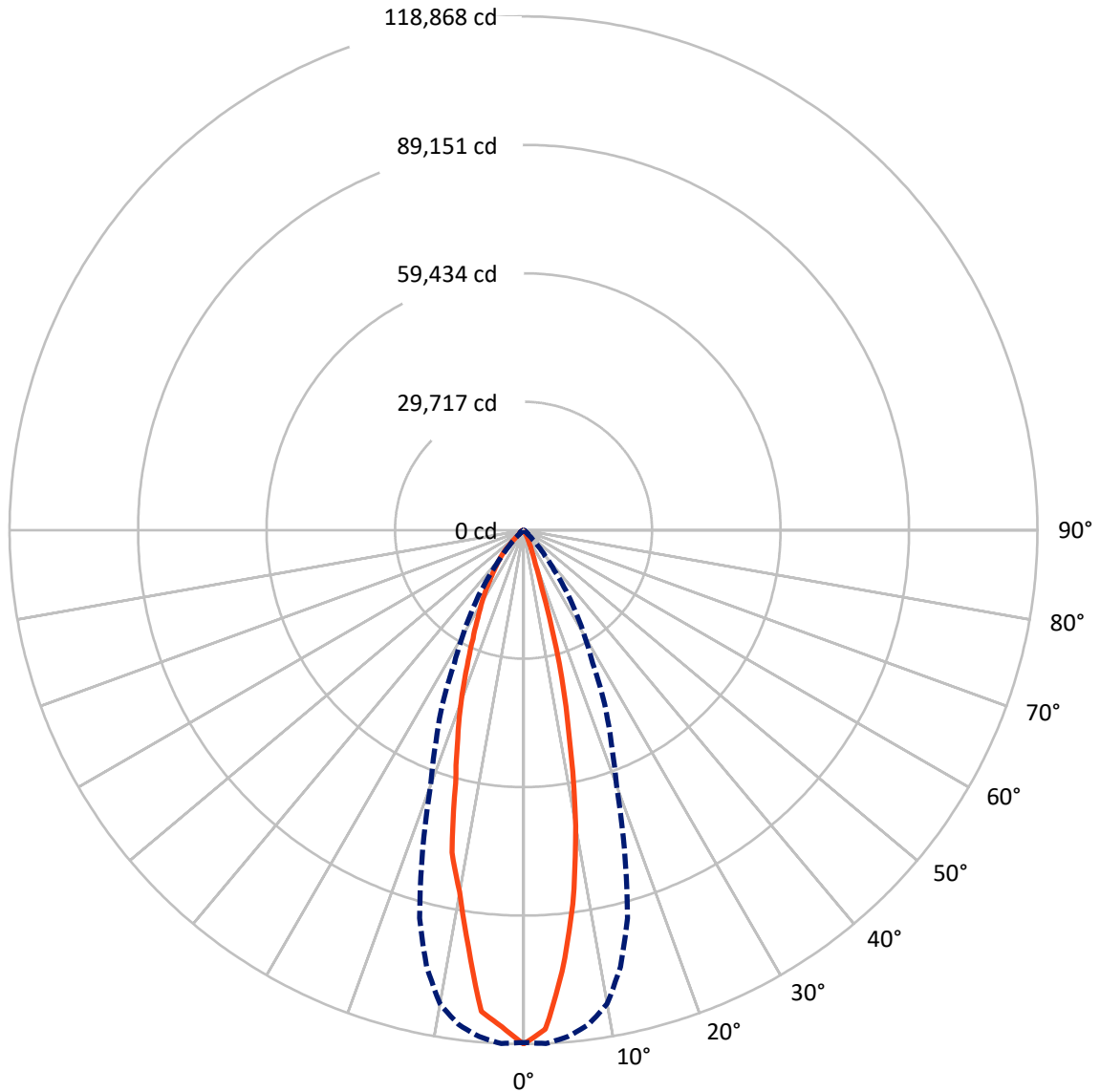
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Lumen Table

90	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2										
80	0.2	0.5	0.8	0.8	0.4	0.8	0.8	0.5	0.2										
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.4	0.2	0.1	0.2			
60		0.1	0.2	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.7	0.2	0.1				
50	0.2	0.1	0.3	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.1	0.2			
40		0.2	0.5	0.8	1.8	3.9	6.1	8.3	8.3	6.1	3.9	1.8	0.8	0.5	0.2				
30	0.2	0.3	1.3	3.3	15.2	34.7	65.2	92.5	92.5	65.2	34.7	15.2	3.3	1.3	0.3	0.2			
20		0.8	4.6	20.6	119.7	318.0	653.3	967.1	967.1	653.3	318.0	119.7	20.6	4.6	0.8				
10	0.3	1.5	10.0	62.0	350.2	997.7	2144.3	2953.8	2953.8	2144.3	997.7	350.2	62.0	10.0	1.5	0.3			
0		2.0	12.2	76.7	399.9	1091.4	2397.2	3184.5	3184.5	2397.2	1091.4	399.9	76.7	12.2	2.0				
-10	0.4	2.2	10.9	49.2	254.3	655.8	1328.8	1850.2	1850.2	1328.8	655.8	254.3	49.2	10.9	2.2	0.4			
-20		2.0	9.1	22.9	133.8	374.6	654.9	847.5	847.5	654.9	374.6	133.8	22.9	9.1	2.0				
-30	0.3	1.6	6.8	15.0	44.7	170.6	304.3	387.7	387.7	304.3	170.6	44.7	15.0	6.8	1.6	0.3			
-40		1.0	4.3	11.1	20.2	36.6	80.5	118.2	118.2	80.5	36.6	20.2	11.1	4.3	1.0				
-50	0.2	0.5	2.1	5.9	11.9	18.8	24.2	27.2	27.2	24.2	18.8	11.9	5.9	2.1	0.5	0.2			
-60		0.2	0.7	2.1	4.2	7.0	10.0	11.7	11.7	10.0	7.0	4.2	2.1	0.7	0.2				
-70	0.2	0.5	2.1	5.9	11.9	18.8	24.2	27.2	27.2	24.2	18.8	11.9	5.9	2.1	0.5	0.2			
-80		0.2	0.7	2.1	4.2	7.0	10.0	11.7	11.7	10.0	7.0	4.2	2.1	0.7	0.2				
-90	0.2	0.7	2.2	5.6	7.6	5.6	2.2	0.7	0.2										

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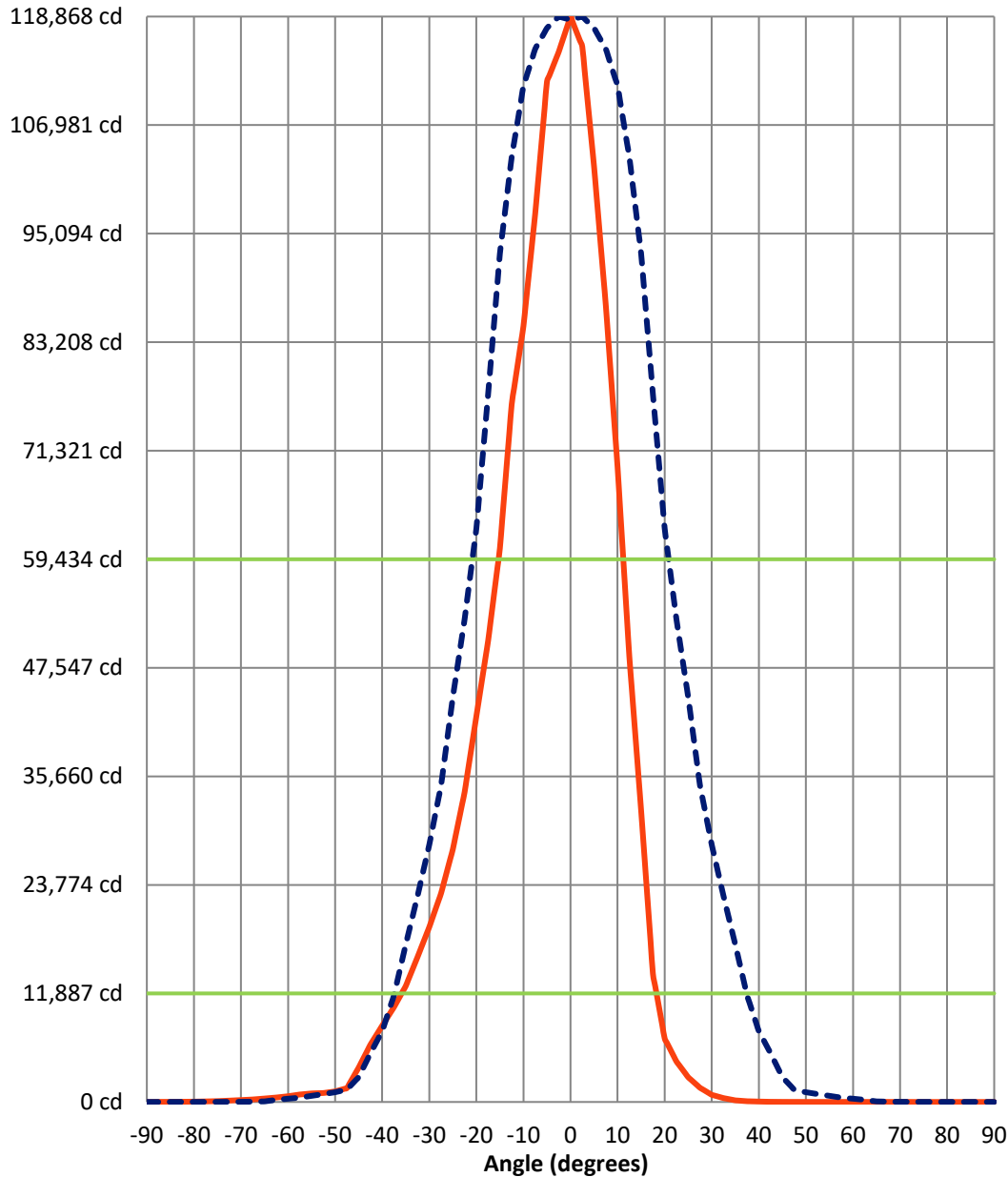
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 23344.9
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 42223.5
 Efficiency: 89.6%

Spill:
 Lumens: 4878.6
 Efficiency: 10.4%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.4	7.4	7.5	7.6	7.7	7.6	7.5	7.4	7.2
85°	7.2	7.3	7.5	7.7	7.8	8.0	8.1	8.0	7.8	7.6	7.2
82.5°	7.2	7.3	7.7	7.9	8.1	8.4	8.6	8.4	8.1	7.9	7.7
80°	7.2	7.4	7.8	8.1	8.4	8.8	9.0	8.7	8.5	8.4	8.4
77.5°	7.2	7.4	8.0	8.4	8.8	9.0	9.0	8.8	8.8	8.9	9.0
75°	7.2	7.4	8.1	8.6	9.0	9.0	9.0	8.9	9.0	9.0	9.0
72.5°	7.2	7.5	8.2	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0
70°	7.2	7.5	8.4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
67.5°	7.2	7.5	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
65°	7.2	7.5	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
62.5°	7.2	7.6	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
60°	7.2	7.6	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
57.5°	7.2	7.6	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
55°	7.2	7.6	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
52.5°	7.2	7.6	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
50°	7.2	7.6	8.7	9.0	9.0	9.0	9.0	9.1	9.0	9.0	9.5
47.5°	7.2	7.6	8.7	9.0	9.0	9.0	9.0	9.2	9.0	9.0	10.1
45°	7.2	7.7	8.7	9.0	9.0	9.0	9.2	9.4	9.2	9.5	10.7
42.5°	7.2	7.6	8.7	9.0	9.0	9.0	9.3	9.6	9.4	10.0	11.4
40°	7.2	7.6	8.7	9.0	9.0	9.0	9.5	9.8	9.8	10.5	12.0
37.5°	7.2	7.6	8.7	9.0	9.0	9.0	9.8	10.1	10.4	11.2	12.4
35°	7.2	7.6	8.7	9.0	9.0	9.1	10.0	10.5	11.1	12.0	12.8
32.5°	7.2	7.6	8.7	9.0	9.0	9.3	10.3	10.8	11.7	12.9	13.9
30°	7.2	7.6	8.8	9.0	9.0	9.5	10.6	11.2	12.3	13.8	15.3
27.5°	7.2	7.6	8.8	9.0	9.0	9.7	10.9	11.8	12.9	14.7	16.8
25°	7.2	7.5	8.8	9.0	9.0	9.9	11.2	12.3	13.7	15.9	18.6
22.5°	7.2	7.5	8.8	9.0	9.0	10.1	11.5	12.7	14.5	17.3	21.9
20°	7.2	7.5	8.9	9.0	9.0	10.2	11.9	13.2	15.3	18.7	25.6
17.5°	7.2	7.5	8.9	9.0	9.0	10.4	12.1	13.6	16.0	20.3	29.6
15°	7.2	7.4	8.9	9.0	9.0	10.5	12.2	14.0	16.8	21.9	33.9
12.5°	7.2	7.4	8.9	9.0	9.0	10.6	12.3	14.1	17.4	23.5	38.3
10°	7.2	7.4	9.0	9.0	9.0	10.7	12.4	14.2	18.0	25.6	43.2
7.5°	7.2	7.3	9.0	9.0	9.0	10.7	12.5	14.3	18.5	27.9	49.0
5°	7.2	7.3	9.0	9.0	9.0	10.8	12.6	14.4	19.0	30.1	54.6
2.5°	7.2	7.2	9.0	9.0	9.0	10.8	12.6	14.4	19.4	32.3	60.0
0°	7.2	7.2	9.0	9.0	9.0	10.8	12.6	14.4	19.8	34.3	64.9
-2.5°	7.2	7.2	9.0	9.0	9.2	11.0	12.8	16.1	24.7	43.1	79.2
-5°	7.2	7.3	9.0	9.0	9.3	11.2	13.0	17.7	29.3	51.4	92.7
-7.5°	7.2	7.3	9.0	9.0	9.5	11.3	13.2	19.1	33.5	59.1	104.8
-10°	7.2	7.4	9.0	9.0	9.6	11.5	13.4	20.4	37.2	65.8	115.4
-12.5°	7.2	7.4	8.9	9.0	9.7	11.6	13.5	21.3	40.2	71.6	123.5
-15°	7.2	7.4	8.9	9.0	9.8	11.7	13.7	22.0	42.8	76.5	129.5
-17.5°	7.2	7.5	8.9	9.0	9.9	11.8	13.7	23.0	44.9	80.0	133.6
-20°	7.2	7.5	8.9	9.0	9.9	11.8	14.2	24.3	46.2	82.1	135.5



REPORT NUMBER: P1305635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.5	8.8	9.0	10.0	11.9	15.0	25.1	46.6	82.6	135.2
-25°	7.2	7.5	8.8	9.0	10.0	11.9	15.5	25.5	46.0	81.5	132.4
-27.5°	7.2	7.6	8.8	9.0	9.9	11.9	15.8	25.5	44.4	79.4	130.8
-30°	7.2	7.6	8.8	9.0	9.8	11.8	15.7	25.0	43.4	77.4	127.0
-32.5°	7.2	7.6	8.7	9.0	9.7	11.7	15.2	24.8	42.8	74.0	120.9
-35°	7.2	7.6	8.7	9.0	9.6	11.5	14.9	24.3	41.4	69.1	112.3
-37.5°	7.2	7.6	8.7	9.0	9.5	11.2	14.6	23.3	39.4	62.8	100.6
-40°	7.2	7.6	8.7	9.0	9.4	11.0	14.2	21.7	36.7	58.5	89.6
-42.5°	7.2	7.6	8.7	9.0	9.3	10.8	13.6	19.5	33.9	53.3	77.8
-45°	7.2	7.7	8.7	9.1	9.4	10.6	12.9	17.5	30.7	47.2	66.0
-47.5°	7.2	7.6	8.7	9.1	9.4	10.4	12.1	16.5	26.7	40.6	58.5
-50°	7.2	7.6	8.7	9.1	9.5	10.2	11.7	15.3	21.5	34.8	50.4
-52.5°	7.2	7.6	8.7	9.1	9.5	9.9	11.4	13.9	18.6	28.6	41.8
-55°	7.2	7.6	8.7	9.1	9.6	10.0	11.1	12.5	16.7	22.0	34.3
-57.5°	7.2	7.6	8.7	9.1	9.6	10.0	10.7	12.1	14.7	18.7	26.5
-60°	7.2	7.6	8.8	9.1	9.7	10.1	10.5	11.7	12.9	16.4	20.2
-62.5°	7.2	7.6	8.7	9.1	9.6	10.1	10.5	11.3	12.5	14.0	17.6
-65°	7.2	7.5	8.6	9.1	9.5	10.1	10.6	11.0	12.0	13.1	14.9
-67.5°	7.2	7.5	8.5	9.1	9.4	10.1	10.6	10.9	11.5	12.5	13.6
-70°	7.2	7.5	8.4	9.0	9.3	9.9	10.6	10.9	11.3	11.9	12.9
-72.5°	7.2	7.5	8.2	8.8	9.2	9.6	10.3	10.8	11.1	11.6	12.3
-75°	7.2	7.4	8.1	8.6	9.0	9.4	9.9	10.4	10.8	11.1	11.7
-77.5°	7.2	7.4	8.0	8.4	8.8	9.1	9.5	9.9	10.3	10.6	11.0
-80°	7.2	7.4	7.8	8.1	8.4	8.8	9.1	9.4	9.7	9.9	10.2
-82.5°	7.2	7.3	7.7	7.9	8.1	8.4	8.6	8.8	9.0	9.3	9.5
-85°	7.2	7.3	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7
-87.5°	7.2	7.2	7.4	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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 CATALOG NUMBER: EPH-08-640L-40-80-5S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.7	7.7	7.5	7.2	7.2	7.2	7.2	7.4	7.5	7.5	7.4
80°	8.4	8.2	7.9	7.8	8.0	8.2	8.5	8.7	8.5	8.2	7.7
77.5°	8.8	8.6	8.6	8.8	9.0	9.0	9.0	9.0	8.7	8.2	7.8
75°	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.4	9.4	9.3	9.2
72.5°	9.0	9.0	9.0	9.0	9.0	9.3	9.8	10.4	10.8	10.7	10.6
70°	9.0	9.0	9.0	9.0	9.1	9.7	10.7	11.6	12.2	12.4	13.2
67.5°	9.0	9.0	9.0	9.1	9.8	10.8	11.7	13.5	15.6	16.5	17.7
65°	9.0	9.0	9.2	9.8	10.7	12.0	13.9	16.3	21.1	23.8	24.9
62.5°	9.0	9.1	9.6	10.5	11.6	13.3	16.8	22.1	28.9	32.8	32.4
60°	9.0	9.2	10.1	11.3	12.7	15.4	20.5	27.6	36.6	43.2	39.0
57.5°	9.0	9.6	10.9	12.4	14.5	16.9	23.5	32.2	41.2	51.1	43.6
55°	9.3	10.3	11.9	14.1	16.2	18.4	24.6	32.4	42.5	47.9	40.7
52.5°	10.0	11.1	13.4	15.6	17.6	19.0	21.9	29.3	34.7	38.7	34.8
50°	10.6	12.5	14.7	16.5	18.0	17.9	17.2	22.9	27.2	28.6	28.2
47.5°	11.6	13.7	15.4	17.0	17.2	16.9	15.2	17.9	20.9	22.3	21.3
45°	12.5	14.4	15.9	16.5	16.8	16.2	15.6	14.8	18.1	18.7	17.9
42.5°	13.3	14.9	16.1	16.3	17.0	17.3	17.2	16.7	17.1	17.5	17.3
40°	13.7	15.4	16.4	17.8	18.1	19.7	20.8	20.6	17.6	19.4	19.8
37.5°	14.1	15.9	17.8	21.5	21.0	23.6	25.5	28.1	25.6	24.0	26.9
35°	14.5	16.6	22.6	27.0	27.2	28.9	35.2	38.2	36.2	34.3	37.9
32.5°	15.1	17.5	29.0	33.6	36.2	38.8	47.7	49.4	51.0	52.0	54.8
30°	16.7	23.4	36.3	41.0	46.7	56.4	61.1	62.6	69.2	78.0	102.1
27.5°	20.0	31.0	43.3	50.6	59.6	76.1	82.4	83.2	94.1	117.2	175.0
25°	24.2	49.2	50.7	61.5	78.2	98.0	110.9	123.4	127.5	197.0	334.9
22.5°	34.0	72.4	80.6	73.2	98.1	123.6	151.1	185.9	238.8	318.9	523.6
20°	51.2	97.9	117.8	122.8	129.0	152.7	197.5	267.8	433.0	718.1	990.0
17.5°	70.9	127.2	159.4	185.4	214.8	224.4	253.4	365.7	678.0	1287.3	2000.0
15°	92.7	159.7	204.3	255.5	309.8	351.5	412.4	587.7	1091.4	2073.4	3297.3
12.5°	115.8	194.4	251.7	331.3	411.7	486.3	600.6	975.4	1822.8	3184.7	5041.3
10°	139.4	230.6	300.8	411.1	518.5	626.5	795.7	1419.1	2687.6	4369.2	6630.1
7.5°	165.2	266.1	349.7	492.9	628.0	769.7	993.9	1896.4	3583.2	5463.2	8006.5
5°	190.5	299.2	393.0	558.4	717.7	893.9	1173.8	2380.4	4471.8	6461.2	9254.3
2.5°	213.9	330.3	434.8	618.0	791.4	984.7	1272.7	2580.0	4983.4	7197.7	10484.4
0°	234.4	358.8	474.2	672.6	860.1	1069.2	1359.6	2724.5	5335.4	7762.4	11684.2
-2.5°	243.3	369.7	493.7	689.2	857.3	1055.7	1360.0	2772.4	5637.1	8433.2	12290.1
-5°	248.8	377.4	509.4	700.0	850.4	1035.8	1346.8	2751.3	5686.6	8588.2	12050.8
-7.5°	251.1	381.9	520.4	702.3	833.1	996.2	1286.6	2550.3	5147.6	7877.0	10928.4
-10°	250.4	380.7	515.9	680.4	801.4	943.5	1206.1	2285.5	4523.5	7074.3	9735.4
-12.5°	245.9	374.6	505.8	656.3	770.5	888.1	1113.5	1959.6	3839.5	6204.3	8593.4
-15°	239.4	366.0	492.4	631.2	741.9	831.1	1009.4	1574.6	3126.6	5423.7	7676.5
-17.5°	231.5	355.2	475.7	606.1	716.8	773.7	898.0	1189.5	2489.1	4587.6	6753.2
-20°	222.3	342.3	456.1	581.8	693.7	735.9	838.9	1072.4	1968.2	3655.9	5750.9



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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°	212.3	327.6	435.5	556.4	660.1	716.2	786.9	948.6	1403.5	2635.9	4668.6
-25°	206.1	311.9	415.5	523.0	626.8	697.4	733.8	829.7	1061.1	1989.0	3526.8
-27.5°	202.1	296.4	388.5	487.0	593.8	674.2	704.2	770.1	932.6	1318.0	2453.4
-30°	195.0	272.6	359.1	450.3	553.5	637.3	685.4	724.1	822.2	1033.2	1682.8
-32.5°	180.5	247.2	329.7	415.8	509.0	601.9	671.2	708.6	772.0	881.2	1099.3
-35°	163.3	226.3	299.5	379.2	463.0	558.5	639.9	701.6	731.6	806.9	946.7
-37.5°	147.4	203.9	268.0	342.5	421.2	509.2	604.2	673.8	723.4	758.1	857.8
-40°	130.0	180.1	240.2	306.9	379.0	459.6	547.8	633.9	700.1	757.5	801.9
-42.5°	111.8	159.2	212.8	270.1	338.0	411.0	488.8	574.6	659.9	737.5	797.5
-45°	97.8	136.7	184.6	238.0	296.0	361.6	433.3	508.2	597.1	686.4	764.1
-47.5°	83.0	114.7	158.0	204.0	255.9	313.6	376.4	446.8	522.1	608.3	699.4
-50°	68.9	97.5	129.3	171.6	216.7	266.7	322.2	384.0	451.5	523.1	602.3
-52.5°	59.0	79.3	107.2	139.2	179.1	221.9	270.3	323.4	381.8	442.9	507.2
-55°	48.3	65.7	85.8	112.1	142.7	180.0	220.5	266.9	313.7	368.0	417.2
-57.5°	38.5	52.8	68.6	87.7	112.6	139.7	175.4	212.3	254.3	296.7	333.0
-60°	29.4	41.0	54.3	68.9	84.9	108.3	132.2	163.0	197.0	229.5	260.6
-62.5°	21.0	30.5	41.3	53.2	66.3	79.8	99.4	121.1	142.8	170.1	195.2
-65°	18.1	21.6	29.5	39.4	49.5	62.2	74.5	86.3	104.5	122.2	138.8
-67.5°	14.9	17.8	21.2	26.2	35.4	45.7	56.0	67.1	77.5	86.6	96.9
-70°	13.7	14.3	16.6	19.8	23.8	30.2	39.5	48.6	57.6	66.3	74.5
-72.5°	12.9	13.4	13.9	14.4	17.5	21.9	26.7	31.8	38.1	45.1	52.3
-75°	12.1	12.6	13.0	13.3	14.4	16.0	18.3	22.3	26.3	29.9	33.2
-77.5°	11.3	11.7	12.0	12.3	13.0	14.0	15.4	17.0	18.9	21.0	23.2
-80°	10.5	10.8	11.1	11.3	11.7	12.3	12.9	13.7	14.9	16.4	18.1
-82.5°	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.2	11.7	12.4	13.1
-85°	8.9	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.9	10.0	10.1
-87.5°	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.2	7.7	8.1	8.6	9.0	10.3	11.7	13.0	14.4	13.9	13.5
87.5°	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.2	2.7
85°	7.2	7.1	7.0	6.9	6.9	6.5	6.1	5.7	5.3	4.5	3.6
82.5°	7.2	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	4.5	3.6
80°	7.3	7.2	7.2	7.2	7.2	6.8	6.4	5.9	5.4	4.6	3.7
77.5°	7.5	7.5	7.5	7.4	7.3	6.8	6.4	5.9	5.5	4.6	3.7
75°	9.0	8.8	8.4	8.0	7.4	6.9	6.4	6.0	5.5	5.0	4.5
72.5°	10.5	10.2	9.6	9.3	8.8	8.4	8.1	7.6	7.0	6.5	6.2
70°	13.8	14.2	13.8	13.2	12.1	11.0	10.3	9.6	8.8	8.1	7.3
67.5°	18.7	18.8	17.8	16.3	14.2	12.3	11.3	10.4	9.4	8.9	8.8
65°	24.6	22.4	20.1	17.7	15.0	12.4	11.5	10.5	9.5	9.0	9.0
62.5°	29.9	24.2	19.4	16.5	14.2	12.4	11.1	9.8	8.6	7.7	7.5
60°	32.2	22.9	16.4	14.3	12.5	11.0	9.7	8.6	7.8	7.1	6.7
57.5°	32.2	21.8	13.9	12.0	10.6	9.4	8.7	8.2	7.7	7.2	6.6
55°	29.4	19.4	11.5	10.3	9.8	9.3	8.8	8.3	7.8	7.2	6.7
52.5°	24.0	17.1	12.2	10.5	10.0	9.5	8.9	8.4	7.9	7.3	6.8
50°	20.8	15.6	12.4	10.7	10.1	9.6	9.1	8.9	8.9	8.5	8.1
47.5°	18.0	14.3	12.3	10.9	10.7	11.4	12.0	12.1	11.8	11.5	11.0
45°	15.8	13.8	12.8	13.4	13.9	15.0	15.6	15.7	15.7	15.8	15.7
42.5°	15.6	15.7	16.8	18.6	18.4	20.8	21.9	19.4	22.2	23.7	22.3
40°	20.7	21.2	26.2	30.3	34.0	34.6	40.5	41.3	42.1	44.5	45.0
37.5°	30.4	35.7	51.1	62.7	67.5	67.9	76.4	78.1	75.7	86.1	89.1
35°	46.5	70.6	95.6	110.0	118.0	124.1	135.6	148.9	142.7	165.6	173.6
32.5°	83.5	127.5	172.8	171.2	186.5	227.5	242.9	267.1	292.4	331.0	373.4
30°	140.4	259.3	311.8	292.7	336.0	394.6	395.1	462.5	556.5	636.3	756.5
27.5°	316.3	449.4	518.1	548.8	581.6	655.8	747.7	833.5	1072.6	1236.1	1407.9
25°	537.0	720.8	794.3	908.5	1012.0	1080.8	1358.6	1561.3	1905.1	2154.5	2412.7
22.5°	866.0	1109.0	1261.2	1364.5	1713.4	2023.6	2320.4	2761.9	3103.3	3531.3	3853.7
20°	1277.9	1606.1	2165.1	2603.7	2822.9	3481.8	4018.6	4475.0	5080.4	5611.1	6083.2
17.5°	2411.2	2595.6	3763.6	4906.5	5368.5	6220.6	7763.9	8346.2	10089.2	11365.6	12054.8
15°	4366.0	5257.8	6487.9	8393.4	10507.2	12177.1	13640.0	16635.8	19961.6	22909.8	26013.9
12.5°	6903.9	8648.0	10718.3	13049.2	16857.7	19879.9	23117.0	27398.4	32771.0	37447.0	42948.0
10°	9446.4	12393.4	15255.2	18887.3	23698.0	28364.2	33026.6	39807.7	47699.7	55276.9	61828.3
7.5°	11548.5	15543.8	19422.1	24443.4	30996.0	37497.1	44013.6	52982.6	63420.2	72067.9	79502.3
5°	13688.1	18691.6	23241.0	29032.0	36744.0	44662.0	52817.0	64000.4	76329.0	86121.2	93791.6
2.5°	15652.8	21322.4	26588.1	33045.4	41633.6	49380.6	58663.3	72392.5	87082.9	97646.7	106102.7
0°	17239.6	22553.4	28179.1	34677.6	44320.7	52860.2	62808.1	77530.5	92902.1	103456.6	111259.7
-2.5°	16898.0	22272.8	27532.7	34135.1	43816.2	51677.9	61748.9	76234.3	91421.4	102144.7	109153.0
-5°	15831.7	20588.8	25311.5	31512.2	40025.5	47686.3	57548.9	72438.6	87006.3	97941.3	106005.5
-7.5°	14255.0	18294.0	22577.6	28227.8	35638.2	42966.5	51544.7	63411.1	77007.8	86899.0	92744.0
-10°	12595.0	15939.2	19950.7	24725.7	30841.6	37423.7	44547.7	54053.6	65671.7	74345.9	79891.0
-12.5°	11139.9	14037.4	17616.1	21147.6	26137.4	31999.8	38325.7	46104.5	53770.8	62917.8	67711.8
-15°	9799.7	12214.8	15289.9	18675.9	22822.5	27429.9	31962.6	37787.0	42779.3	48492.9	52644.2
-17.5°	8678.3	10607.0	13331.7	16613.3	19735.4	23702.9	28028.4	31973.8	36194.6	40319.1	43761.5
-20°	7664.8	9256.2	11579.5	14468.7	17544.8	20918.6	24735.5	27947.0	31395.9	34530.1	37222.6



REPORT NUMBER: P1305635 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6513.0	8126.7	9926.0	12398.1	15478.8	18503.4	21329.9	23756.9	26363.1	28895.7	30807.6
-25°	5314.4	6863.2	8585.7	10918.7	13442.4	15987.4	17989.1	19697.9	21732.2	23557.3	25197.9
-27.5°	4074.9	5726.2	7584.2	9532.7	11727.8	13345.2	15029.7	16575.1	18121.2	19349.1	20734.7
-30°	2833.0	4634.7	6462.1	8306.3	9809.9	11101.0	12357.3	13774.5	15173.4	16340.5	17318.5
-32.5°	1945.4	3245.2	5089.1	6804.2	8089.4	9186.6	10157.0	11365.5	12449.5	13410.0	14265.7
-35°	1168.5	2084.1	3350.3	4980.2	6386.4	7454.0	8442.4	9358.7	10167.9	10976.8	11620.4
-37.5°	1001.0	1203.8	1971.8	3055.6	4393.9	5685.8	6701.3	7559.0	8312.9	8935.9	9482.1
-40°	901.4	1021.3	1189.2	1559.0	2544.5	3531.1	4639.4	5617.0	6412.3	6997.4	7472.7
-42.5°	842.6	919.5	1001.6	1133.4	1279.8	1748.2	2596.2	3406.2	4105.1	4753.3	5309.7
-45°	832.6	865.1	909.4	983.6	1051.2	1172.6	1305.1	1434.6	1984.4	2505.4	2932.8
-47.5°	770.2	836.6	877.1	910.5	945.8	1003.2	1059.2	1119.2	1219.2	1313.0	1393.6
-50°	679.2	750.6	811.9	871.8	903.3	926.6	949.7	979.5	1018.5	1054.1	1086.9
-52.5°	567.5	636.3	705.1	768.9	818.8	864.7	905.9	925.2	939.9	953.3	963.8
-55°	468.4	522.7	576.8	635.2	692.9	747.7	795.1	826.4	854.6	879.5	900.8
-57.5°	375.0	417.3	461.4	508.8	554.8	599.1	641.3	679.8	714.0	743.7	768.7
-60°	290.5	319.0	355.9	393.5	429.3	463.2	497.5	528.5	556.7	581.4	600.8
-62.5°	218.0	241.7	269.7	296.2	319.7	345.0	376.9	403.7	425.6	443.3	459.0
-65°	156.6	176.4	198.8	221.1	242.9	264.6	286.9	308.5	329.0	345.4	357.0
-67.5°	111.2	125.2	141.0	154.8	171.1	190.1	210.3	228.8	245.7	257.3	264.3
-70°	81.9	90.1	101.6	114.8	128.5	141.1	154.0	166.8	179.5	188.4	195.2
-72.5°	59.8	67.9	76.3	84.8	94.0	103.4	112.8	122.3	131.8	137.7	141.8
-75°	36.2	41.0	48.4	55.5	62.4	68.9	75.0	80.7	86.1	88.9	90.7
-77.5°	25.9	29.3	33.0	36.7	40.5	44.3	48.2	52.0	55.7	57.4	58.7
-80°	19.8	21.7	23.8	25.9	28.2	30.5	32.8	35.2	37.6	37.9	38.0
-82.5°	14.0	15.4	16.8	18.2	19.5	20.8	22.0	23.2	24.4	24.7	24.9
-85°	10.1	11.0	11.8	12.8	13.7	14.7	15.6	16.6	17.6	17.7	17.8
-87.5°	8.7	9.2	9.7	10.1	10.6	11.2	11.7	12.2	12.7	12.6	12.6
-90°	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.2	2.7



REPORT NUMBER: P1305635 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	13.1	12.6	12.6	12.6	12.6	12.6	13.1	13.5	13.9	14.4	13.0
87.5°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	4.1
85°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.3	5.7
82.5°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.6	4.5	5.4	5.9
80°	2.7	1.8	1.8	1.8	1.8	1.8	2.7	3.7	4.6	5.4	5.9
77.5°	2.8	1.8	1.8	1.8	1.8	1.8	2.8	3.7	4.6	5.5	5.9
75°	4.0	3.6	2.7	1.8	2.7	3.6	4.0	4.5	5.0	5.5	6.0
72.5°	5.8	5.4	5.4	5.4	5.4	5.4	5.8	6.2	6.5	7.0	7.6
70°	6.4	5.5	5.4	5.4	5.4	5.5	6.4	7.3	8.1	8.8	9.6
67.5°	8.8	8.9	8.1	7.2	8.1	8.9	8.8	8.8	8.9	9.4	10.4
65°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.5	10.5
62.5°	7.4	7.3	7.2	7.2	7.2	7.3	7.4	7.5	7.7	8.6	9.8
60°	6.2	5.6	5.4	5.4	5.4	5.6	6.2	6.7	7.1	7.8	8.6
57.5°	6.1	5.6	5.4	5.4	5.4	5.6	6.1	6.6	7.2	7.7	8.2
55°	6.1	5.6	5.4	5.4	5.4	5.6	6.1	6.7	7.2	7.8	8.3
52.5°	6.2	5.6	6.1	7.2	6.1	5.6	6.2	6.8	7.3	7.9	8.4
50°	7.8	7.3	7.2	7.2	7.2	7.3	7.8	8.1	8.5	8.9	8.9
47.5°	10.4	9.5	9.0	9.0	9.0	9.5	10.4	11.0	11.5	11.8	12.1
45°	14.7	13.4	12.5	12.6	12.5	13.4	14.7	15.7	15.8	15.7	15.7
42.5°	22.1	21.6	21.4	21.6	21.4	21.6	22.1	22.3	23.7	22.2	19.4
40°	47.5	48.2	48.0	48.7	48.0	48.2	47.5	45.0	44.5	42.1	41.3
37.5°	89.5	86.5	81.9	82.9	81.9	86.5	89.5	89.1	86.1	75.7	78.1
35°	174.6	179.1	178.8	180.3	178.8	179.1	174.6	173.6	165.6	142.7	148.9
32.5°	404.0	425.5	426.0	434.6	426.0	425.5	404.0	373.4	331.0	292.4	267.1
30°	793.7	810.8	785.1	797.0	785.1	810.8	793.7	756.5	636.3	556.5	462.5
27.5°	1497.3	1560.4	1559.7	1532.7	1559.7	1560.4	1497.3	1407.9	1236.1	1072.6	833.5
25°	2630.0	2727.4	2709.4	2677.6	2709.4	2727.4	2630.0	2412.7	2154.5	1905.1	1561.3
22.5°	4146.6	4307.6	4436.6	4352.7	4436.6	4307.6	4146.6	3853.7	3531.3	3103.3	2761.9
20°	6777.6	6823.6	6960.5	6911.4	6960.5	6823.6	6777.6	6083.2	5611.1	5080.4	4475.0
17.5°	13922.3	14421.8	14074.3	13016.7	14074.3	14421.8	13922.3	12054.8	11365.6	10089.2	8346.2
15°	28194.2	30287.7	31913.2	31020.9	31913.2	30287.7	28194.2	26013.9	22909.8	19961.6	16635.8
12.5°	46171.8	47716.4	48749.8	48825.8	48749.8	47716.4	46171.8	42948.0	37447.0	32771.0	27398.4
10°	66271.0	67635.9	69464.2	69721.2	69464.2	67635.9	66271.0	61828.3	55276.9	47699.7	39807.7
7.5°	83191.9	85959.7	87241.2	87069.1	87241.2	85959.7	83191.9	79502.3	72067.9	63420.2	52982.6
5°	98324.7	101192.3	102448.3	102657.0	102448.3	101192.3	98324.7	93791.6	86121.2	76329.0	64000.4
2.5°	111167.8	114062.9	115571.9	115158.1	115571.9	114062.9	111167.8	106102.7	97646.7	87082.9	72392.5
0°	115323.0	117603.0	118867.9	118520.8	118867.9	117603.0	115323.0	111259.7	103456.6	92902.1	77530.5
-2.5°	112681.6	114055.5	115008.7	114640.5	115008.7	114055.5	112681.6	109153.0	102144.7	91421.4	76234.3
-5°	109754.3	111384.6	111741.2	112177.5	111741.2	111384.6	109754.3	106005.5	97941.3	87006.3	72438.6
-7.5°	94967.4	96711.4	97287.3	98160.0	97287.3	96711.4	94967.4	92744.0	86899.0	77007.8	63411.1
-10°	82908.4	84864.3	84958.5	85496.7	84958.5	84864.3	82908.4	79891.0	74345.9	65671.7	54053.6
-12.5°	72807.3	75498.9	76391.9	76178.2	76391.9	75498.9	72807.3	67711.8	62917.8	53770.8	46104.5
-15°	58170.8	60470.1	60634.1	60741.7	60634.1	60470.1	58170.8	52644.2	48492.9	42779.3	37787.0
-17.5°	47414.4	49648.7	50510.0	50777.6	50510.0	49648.7	47414.4	43761.5	40319.1	36194.6	31973.8
-20°	39533.9	41197.3	42249.4	42685.2	42249.4	41197.3	39533.9	37222.6	34530.1	31395.9	27947.0



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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°	32478.7	33533.1	33917.7	34014.0	33917.7	33533.1	32478.7	30807.6	28895.7	26363.1	23756.9
-25°	26350.4	27187.9	27674.8	27878.0	27674.8	27187.9	26350.4	25197.9	23557.3	21732.2	19697.9
-27.5°	21633.3	22378.7	22847.4	22919.4	22847.4	22378.7	21633.3	20734.7	19349.1	18121.2	16575.1
-30°	18067.2	18721.8	19159.8	19279.0	19159.8	18721.8	18067.2	17318.5	16340.5	15173.4	13774.5
-32.5°	14970.5	15530.8	15874.4	16022.5	15874.4	15530.8	14970.5	14265.7	13410.0	12449.5	11365.5
-35°	12100.9	12477.5	12697.6	12625.4	12697.6	12477.5	12100.9	11620.4	10976.8	10167.9	9358.7
-37.5°	9920.1	10223.1	10388.0	10396.8	10388.0	10223.1	9920.1	9482.1	8935.9	8312.9	7559.0
-40°	7866.3	8174.1	8359.6	8370.1	8359.6	8174.1	7866.3	7472.7	6997.4	6412.3	5617.0
-42.5°	5752.2	6067.3	6282.5	6422.7	6282.5	6067.3	5752.2	5309.7	4753.3	4105.1	3406.2
-45°	3289.5	3561.7	3769.3	3920.0	3769.3	3561.7	3289.5	2932.8	2505.4	1984.4	1434.6
-47.5°	1453.7	1497.9	1517.1	1511.0	1517.1	1497.9	1453.7	1393.6	1313.0	1219.2	1119.2
-50°	1116.9	1143.0	1156.1	1155.8	1156.1	1143.0	1116.9	1086.9	1054.1	1018.5	979.5
-52.5°	972.1	978.7	982.6	984.5	982.6	978.7	972.1	963.8	953.3	939.9	925.2
-55°	918.4	932.1	937.3	935.8	937.3	932.1	918.4	900.8	879.5	854.6	826.4
-57.5°	789.9	806.9	818.2	824.0	818.2	806.9	789.9	768.7	743.7	714.0	679.8
-60°	615.4	625.5	631.9	634.7	631.9	625.5	615.4	600.8	581.4	556.7	528.5
-62.5°	472.6	484.2	490.0	492.3	490.0	484.2	472.6	459.0	443.3	425.6	403.7
-65°	367.1	375.6	380.2	382.3	380.2	375.6	367.1	357.0	345.4	329.0	308.5
-67.5°	269.7	273.4	275.3	275.9	275.3	273.4	269.7	264.3	257.3	245.7	228.8
-70°	201.4	206.9	210.4	212.8	210.4	206.9	201.4	195.2	188.4	179.5	166.8
-72.5°	145.3	148.1	150.2	151.5	150.2	148.1	145.3	141.8	137.7	131.8	122.3
-75°	92.1	93.0	93.6	93.8	93.6	93.0	92.1	90.7	88.9	86.1	80.7
-77.5°	59.8	60.8	62.1	63.1	62.1	60.8	59.8	58.7	57.4	55.7	52.0
-80°	37.9	37.7	37.9	37.9	37.9	37.7	37.9	38.0	37.9	37.6	35.2
-82.5°	25.0	25.1	25.2	25.2	25.2	25.1	25.0	24.9	24.7	24.4	23.2
-85°	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.8	17.7	17.6	16.6
-87.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.2
-90°	2.3	1.8	0.9	0.0	0.9	1.8	2.3	2.7	3.2	3.6	4.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.7	10.3	9.0	8.6	8.1	7.7	7.2	7.2	7.2	7.2	7.2
87.5°	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2
85°	6.1	6.5	6.9	6.9	7.0	7.1	7.2	7.2	7.2	7.2	7.2
82.5°	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.4	7.5	7.5	7.4
80°	6.4	6.8	7.2	7.2	7.2	7.2	7.3	7.7	8.2	8.5	8.7
77.5°	6.4	6.8	7.3	7.4	7.5	7.5	7.5	7.8	8.2	8.7	9.0
75°	6.4	6.9	7.4	8.0	8.4	8.8	9.0	9.2	9.3	9.4	9.4
72.5°	8.1	8.4	8.8	9.3	9.6	10.2	10.5	10.6	10.7	10.8	10.4
70°	10.3	11.0	12.1	13.2	13.8	14.2	13.8	13.2	12.4	12.2	11.6
67.5°	11.3	12.3	14.2	16.3	17.8	18.8	18.7	17.7	16.5	15.6	13.5
65°	11.5	12.4	15.0	17.7	20.1	22.4	24.6	24.9	23.8	21.1	16.3
62.5°	11.1	12.4	14.2	16.5	19.4	24.2	29.9	32.4	32.8	28.9	22.1
60°	9.7	11.0	12.5	14.3	16.4	22.9	32.2	39.0	43.2	36.6	27.6
57.5°	8.7	9.4	10.6	12.0	13.9	21.8	32.2	43.6	51.1	41.2	32.2
55°	8.8	9.3	9.8	10.3	11.5	19.4	29.4	40.7	47.9	42.5	32.4
52.5°	8.9	9.5	10.0	10.5	12.2	17.1	24.0	34.8	38.7	34.7	29.3
50°	9.1	9.6	10.1	10.7	12.4	15.6	20.8	28.2	28.6	27.2	22.9
47.5°	12.0	11.4	10.7	10.9	12.3	14.3	18.0	21.3	22.3	20.9	17.9
45°	15.6	15.0	13.9	13.4	12.8	13.8	15.8	17.9	18.7	18.1	14.8
42.5°	21.9	20.8	18.4	18.6	16.8	15.7	15.6	17.3	17.5	17.1	16.7
40°	40.5	34.6	34.0	30.3	26.2	21.2	20.7	19.8	19.4	17.6	20.6
37.5°	76.4	67.9	67.5	62.7	51.1	35.7	30.4	26.9	24.0	25.6	28.1
35°	135.6	124.1	118.0	110.0	95.6	70.6	46.5	37.9	34.3	36.2	38.2
32.5°	242.9	227.5	186.5	171.2	172.8	127.5	83.5	54.8	52.0	51.0	49.4
30°	395.1	394.6	336.0	292.7	311.8	259.3	140.4	102.1	78.0	69.2	62.6
27.5°	747.7	655.8	581.6	548.8	518.1	449.4	316.3	175.0	117.2	94.1	83.2
25°	1358.6	1080.8	1012.0	908.5	794.3	720.8	537.0	334.9	197.0	127.5	123.4
22.5°	2320.4	2023.6	1713.4	1364.5	1261.2	1109.0	866.0	523.6	318.9	238.8	185.9
20°	4018.6	3481.8	2822.9	2603.7	2165.1	1606.1	1277.9	990.0	718.1	433.0	267.8
17.5°	7763.9	6220.6	5368.5	4906.5	3763.6	2595.6	2411.2	2000.0	1287.3	678.0	365.7
15°	13640.0	12177.1	10507.2	8393.4	6487.9	5257.8	4366.0	3297.3	2073.4	1091.4	587.7
12.5°	23117.0	19879.9	16857.7	13049.2	10718.3	8648.0	6903.9	5041.3	3184.7	1822.8	975.4
10°	33026.6	28364.2	23698.0	18887.3	15255.2	12393.4	9446.4	6630.1	4369.2	2687.6	1419.1
7.5°	44013.6	37497.1	30996.0	24443.4	19422.1	15543.8	11548.5	8006.5	5463.2	3583.2	1896.4
5°	52817.0	44662.0	36744.0	29032.0	23241.0	18691.6	13688.1	9254.3	6461.2	4471.8	2380.4
2.5°	58663.3	49380.6	41633.6	33045.4	26588.1	21322.4	15652.8	10484.4	7197.7	4983.4	2580.0
0°	62808.1	52860.2	44320.7	34677.6	28179.1	22553.4	17239.6	11684.2	7762.4	5335.4	2724.5
-2.5°	61748.9	51677.9	43816.2	34135.1	27532.7	22272.8	16898.0	12290.1	8433.2	5637.1	2772.4
-5°	57548.9	47686.3	40025.5	31512.2	25311.5	20588.8	15831.7	12050.8	8588.2	5686.6	2751.3
-7.5°	51544.7	42966.5	35638.2	28227.8	22577.6	18294.0	14255.0	10928.4	7877.0	5147.6	2550.3
-10°	44547.7	37423.7	30841.6	24725.7	19950.7	15939.2	12595.0	9735.4	7074.3	4523.5	2285.5
-12.5°	38325.7	31999.8	26137.4	21147.6	17616.1	14037.4	11139.9	8593.4	6204.3	3839.5	1959.6
-15°	31962.6	27429.9	22822.5	18675.9	15289.9	12214.8	9799.7	7676.5	5423.7	3126.6	1574.6
-17.5°	28028.4	23702.9	19735.4	16613.3	13331.7	10607.0	8678.3	6753.2	4587.6	2489.1	1189.5
-20°	24735.5	20918.6	17544.8	14468.7	11579.5	9256.2	7664.8	5750.9	3655.9	1968.2	1072.4



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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°	21329.9	18503.4	15478.8	12398.1	9926.0	8126.7	6513.0	4668.6	2635.9	1403.5	948.6
-25°	17989.1	15987.4	13442.4	10918.7	8585.7	6863.2	5314.4	3526.8	1989.0	1061.1	829.7
-27.5°	15029.7	13345.2	11727.8	9532.7	7584.2	5726.2	4074.9	2453.4	1318.0	932.6	770.1
-30°	12357.3	11101.0	9809.9	8306.3	6462.1	4634.7	2833.0	1682.8	1033.2	822.2	724.1
-32.5°	10157.0	9186.6	8089.4	6804.2	5089.1	3245.2	1945.4	1099.3	881.2	772.0	708.6
-35°	8442.4	7454.0	6386.4	4980.2	3350.3	2084.1	1168.5	946.7	806.9	731.6	701.6
-37.5°	6701.3	5685.8	4393.9	3055.6	1971.8	1203.8	1001.0	857.8	758.1	723.4	673.8
-40°	4639.4	3531.1	2544.5	1559.0	1189.2	1021.3	901.4	801.9	757.5	700.1	633.9
-42.5°	2596.2	1748.2	1279.8	1133.4	1001.6	919.5	842.6	797.5	737.5	659.9	574.6
-45°	1305.1	1172.6	1051.2	983.6	909.4	865.1	832.6	764.1	686.4	597.1	508.2
-47.5°	1059.2	1003.2	945.8	910.5	877.1	836.6	770.2	699.4	608.3	522.1	446.8
-50°	949.7	926.6	903.3	871.8	811.9	750.6	679.2	602.3	523.1	451.5	384.0
-52.5°	905.9	864.7	818.8	768.9	705.1	636.3	567.5	507.2	442.9	381.8	323.4
-55°	795.1	747.7	692.9	635.2	576.8	522.7	468.4	417.2	368.0	313.7	266.9
-57.5°	641.3	599.1	554.8	508.8	461.4	417.3	375.0	333.0	296.7	254.3	212.3
-60°	497.5	463.2	429.3	393.5	355.9	319.0	290.5	260.6	229.5	197.0	163.0
-62.5°	376.9	345.0	319.7	296.2	269.7	241.7	218.0	195.2	170.1	142.8	121.1
-65°	286.9	264.6	242.9	221.1	198.8	176.4	156.6	138.8	122.2	104.5	86.3
-67.5°	210.3	190.1	171.1	154.8	141.0	125.2	111.2	96.9	86.6	77.5	67.1
-70°	154.0	141.1	128.5	114.8	101.6	90.1	81.9	74.5	66.3	57.6	48.6
-72.5°	112.8	103.4	94.0	84.8	76.3	67.9	59.8	52.3	45.1	38.1	31.8
-75°	75.0	68.9	62.4	55.5	48.4	41.0	36.2	33.2	29.9	26.3	22.3
-77.5°	48.2	44.3	40.5	36.7	33.0	29.3	25.9	23.2	21.0	18.9	17.0
-80°	32.8	30.5	28.2	25.9	23.8	21.7	19.8	18.1	16.4	14.9	13.7
-82.5°	22.0	20.8	19.5	18.2	16.8	15.4	14.0	13.1	12.4	11.7	11.2
-85°	15.6	14.7	13.7	12.8	11.8	11.0	10.1	10.1	10.0	9.9	9.7
-87.5°	11.7	11.2	10.6	10.1	9.7	9.2	8.7	8.6	8.6	8.5	8.5
-90°	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2



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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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.5	7.6
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.6	7.8	8.0
82.5°	7.2	7.2	7.2	7.2	7.5	7.7	7.7	7.7	7.9	8.1	8.4
80°	8.5	8.2	8.0	7.8	7.9	8.2	8.4	8.4	8.4	8.5	8.7
77.5°	9.0	9.0	9.0	8.8	8.6	8.6	8.8	9.0	8.9	8.8	8.8
75°	9.0	9.0	9.0	9.0	9.0	9.0	8.9	9.0	9.0	9.0	8.9
72.5°	9.8	9.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
70°	10.7	9.7	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
67.5°	11.7	10.8	9.8	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0
65°	13.9	12.0	10.7	9.8	9.2	9.0	9.0	9.0	9.0	9.0	9.0
62.5°	16.8	13.3	11.6	10.5	9.6	9.1	9.0	9.0	9.0	9.0	9.0
60°	20.5	15.4	12.7	11.3	10.1	9.2	9.0	9.0	9.0	9.0	9.0
57.5°	23.5	16.9	14.5	12.4	10.9	9.6	9.0	9.0	9.0	9.0	9.0
55°	24.6	18.4	16.2	14.1	11.9	10.3	9.3	9.0	9.0	9.0	9.0
52.5°	21.9	19.0	17.6	15.6	13.4	11.1	10.0	9.0	9.0	9.0	9.0
50°	17.2	17.9	18.0	16.5	14.7	12.5	10.6	9.5	9.0	9.0	9.1
47.5°	15.2	16.9	17.2	17.0	15.4	13.7	11.6	10.1	9.0	9.0	9.2
45°	15.6	16.2	16.8	16.5	15.9	14.4	12.5	10.7	9.5	9.2	9.4
42.5°	17.2	17.3	17.0	16.3	16.1	14.9	13.3	11.4	10.0	9.4	9.6
40°	20.8	19.7	18.1	17.8	16.4	15.4	13.7	12.0	10.5	9.8	9.8
37.5°	25.5	23.6	21.0	21.5	17.8	15.9	14.1	12.4	11.2	10.4	10.1
35°	35.2	28.9	27.2	27.0	22.6	16.6	14.5	12.8	12.0	11.1	10.5
32.5°	47.7	38.8	36.2	33.6	29.0	17.5	15.1	13.9	12.9	11.7	10.8
30°	61.1	56.4	46.7	41.0	36.3	23.4	16.7	15.3	13.8	12.3	11.2
27.5°	82.4	76.1	59.6	50.6	43.3	31.0	20.0	16.8	14.7	12.9	11.8
25°	110.9	98.0	78.2	61.5	50.7	49.2	24.2	18.6	15.9	13.7	12.3
22.5°	151.1	123.6	98.1	73.2	60.6	72.4	34.0	21.9	17.3	14.5	12.7
20°	197.5	152.7	129.0	122.8	117.8	97.9	51.2	25.6	18.7	15.3	13.2
17.5°	253.4	224.4	214.8	185.4	159.4	127.2	70.9	29.6	20.3	16.0	13.6
15°	412.4	351.5	309.8	255.5	204.3	159.7	92.7	33.9	21.9	16.8	14.0
12.5°	600.6	486.3	411.7	331.3	251.7	194.4	115.8	38.3	23.5	17.4	14.1
10°	795.7	626.5	518.5	411.1	300.8	230.6	139.4	43.2	25.6	18.0	14.2
7.5°	993.9	769.7	628.0	492.9	349.7	266.1	165.2	49.0	27.9	18.5	14.3
5°	1173.8	893.9	717.7	558.4	393.0	299.2	190.5	54.6	30.1	19.0	14.4
2.5°	1272.7	984.7	791.4	618.0	434.8	330.3	213.9	60.0	32.3	19.4	14.4
0°	1359.6	1069.2	860.1	672.6	474.2	358.8	234.4	64.9	34.3	19.8	14.4
-2.5°	1360.0	1055.7	857.3	689.2	493.7	369.7	243.3	79.2	43.1	24.7	16.1
-5°	1346.8	1035.8	850.4	700.0	509.4	377.4	248.8	92.7	51.4	29.3	17.7
-7.5°	1286.6	996.2	833.1	702.3	520.4	381.9	251.1	104.8	59.1	33.5	19.1
-10°	1206.1	943.5	801.4	680.4	515.9	380.7	250.4	115.4	65.8	37.2	20.4
-12.5°	1113.5	888.1	770.5	656.3	505.8	374.6	245.9	123.5	71.6	40.2	21.3
-15°	1009.4	831.1	741.9	631.2	492.4	366.0	239.4	129.5	76.5	42.8	22.0
-17.5°	898.0	773.7	716.8	606.1	475.7	355.2	231.5	133.6	80.0	44.9	23.0
-20°	838.9	735.9	693.7	581.8	456.1	342.3	222.3	135.5	82.1	46.2	24.3



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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°	786.9	716.2	660.1	556.4	435.5	327.6	212.3	135.2	82.6	46.6	25.1
-25°	733.8	697.4	626.8	523.0	415.5	311.9	206.1	132.4	81.5	46.0	25.5
-27.5°	704.2	674.2	593.8	487.0	388.5	296.4	202.1	130.8	79.4	44.4	25.5
-30°	685.4	637.3	553.5	450.3	359.1	272.6	195.0	127.0	77.4	43.4	25.0
-32.5°	671.2	601.9	509.0	415.8	329.7	247.2	180.5	120.9	74.0	42.8	24.8
-35°	639.9	558.5	463.0	379.2	299.5	226.3	163.3	112.3	69.1	41.4	24.3
-37.5°	604.2	509.2	421.2	342.5	268.0	203.9	147.4	100.6	62.8	39.4	23.3
-40°	547.8	459.6	379.0	306.9	240.2	180.1	130.0	89.6	58.5	36.7	21.7
-42.5°	488.8	411.0	338.0	270.1	212.8	159.2	111.8	77.8	53.3	33.9	19.5
-45°	433.3	361.6	296.0	238.0	184.6	136.7	97.8	66.0	47.2	30.7	17.5
-47.5°	376.4	313.6	255.9	204.0	158.0	114.7	83.0	58.5	40.6	26.7	16.5
-50°	322.2	266.7	216.7	171.6	129.3	97.5	68.9	50.4	34.8	21.5	15.3
-52.5°	270.3	221.9	179.1	139.2	107.2	79.3	59.0	41.8	28.6	18.6	13.9
-55°	220.5	180.0	142.7	112.1	85.8	65.7	48.3	34.3	22.0	16.7	12.5
-57.5°	175.4	139.7	112.6	87.7	68.6	52.8	38.5	26.5	18.7	14.7	12.1
-60°	132.2	108.3	84.9	68.9	54.3	41.0	29.4	20.2	16.4	12.9	11.7
-62.5°	99.4	79.8	66.3	53.2	41.3	30.5	21.0	17.6	14.0	12.5	11.3
-65°	74.5	62.2	49.5	39.4	29.5	21.6	18.1	14.9	13.1	12.0	11.0
-67.5°	56.0	45.7	35.4	26.2	21.2	17.8	14.9	13.6	12.5	11.5	10.9
-70°	39.5	30.2	23.8	19.8	16.6	14.3	13.7	12.9	11.9	11.3	10.9
-72.5°	26.7	21.9	17.5	14.4	13.9	13.4	12.9	12.3	11.6	11.1	10.8
-75°	18.3	16.0	14.4	13.3	13.0	12.6	12.1	11.7	11.1	10.8	10.4
-77.5°	15.4	14.0	13.0	12.3	12.0	11.7	11.3	11.0	10.6	10.3	9.9
-80°	12.9	12.3	11.7	11.3	11.1	10.8	10.5	10.2	9.9	9.7	9.4
-82.5°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.0	8.8
-85°	9.6	9.5	9.4	9.3	9.1	9.0	8.9	8.7	8.6	8.4	8.3
-87.5°	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.7	7.6	7.5	7.4	7.4	7.2	7.2
85°	8.1	8.0	7.8	7.7	7.5	7.3	7.2
82.5°	8.6	8.4	8.1	7.9	7.7	7.3	7.2
80°	9.0	8.8	8.4	8.1	7.8	7.4	7.2
77.5°	9.0	9.0	8.8	8.4	8.0	7.4	7.2
75°	9.0	9.0	9.0	8.6	8.1	7.4	7.2
72.5°	9.0	9.0	9.0	8.8	8.2	7.5	7.2
70°	9.0	9.0	9.0	9.0	8.4	7.5	7.2
67.5°	9.0	9.0	9.0	9.0	8.5	7.5	7.2
65°	9.0	9.0	9.0	9.0	8.6	7.5	7.2
62.5°	9.0	9.0	9.0	9.0	8.7	7.6	7.2
60°	9.0	9.0	9.0	9.0	8.8	7.6	7.2
57.5°	9.0	9.0	9.0	9.0	8.7	7.6	7.2
55°	9.0	9.0	9.0	9.0	8.7	7.6	7.2
52.5°	9.0	9.0	9.0	9.0	8.7	7.6	7.2
50°	9.0	9.0	9.0	9.0	8.7	7.6	7.2
47.5°	9.0	9.0	9.0	9.0	8.7	7.6	7.2
45°	9.2	9.0	9.0	9.0	8.7	7.7	7.2
42.5°	9.3	9.0	9.0	9.0	8.7	7.6	7.2
40°	9.5	9.0	9.0	9.0	8.7	7.6	7.2
37.5°	9.8	9.0	9.0	9.0	8.7	7.6	7.2
35°	10.0	9.1	9.0	9.0	8.7	7.6	7.2
32.5°	10.3	9.3	9.0	9.0	8.7	7.6	7.2
30°	10.6	9.5	9.0	9.0	8.8	7.6	7.2
27.5°	10.9	9.7	9.0	9.0	8.8	7.6	7.2
25°	11.2	9.9	9.0	9.0	8.8	7.5	7.2
22.5°	11.5	10.1	9.0	9.0	8.8	7.5	7.2
20°	11.9	10.2	9.0	9.0	8.9	7.5	7.2
17.5°	12.1	10.4	9.0	9.0	8.9	7.5	7.2
15°	12.2	10.5	9.0	9.0	8.9	7.4	7.2
12.5°	12.3	10.6	9.0	9.0	8.9	7.4	7.2
10°	12.4	10.7	9.0	9.0	9.0	7.4	7.2
7.5°	12.5	10.7	9.0	9.0	9.0	7.3	7.2
5°	12.6	10.8	9.0	9.0	9.0	7.3	7.2
2.5°	12.6	10.8	9.0	9.0	9.0	7.2	7.2
0°	12.6	10.8	9.0	9.0	9.0	7.2	7.2
-2.5°	12.8	11.0	9.2	9.0	9.0	7.2	7.2
-5°	13.0	11.2	9.3	9.0	9.0	7.3	7.2
-7.5°	13.2	11.3	9.5	9.0	9.0	7.3	7.2
-10°	13.4	11.5	9.6	9.0	9.0	7.4	7.2
-12.5°	13.5	11.6	9.7	9.0	8.9	7.4	7.2
-15°	13.7	11.7	9.8	9.0	8.9	7.4	7.2
-17.5°	13.7	11.8	9.9	9.0	8.9	7.5	7.2
-20°	14.2	11.8	9.9	9.0	8.9	7.5	7.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.0	11.9	10.0	9.0	8.8	7.5	7.2
-25°	15.5	11.9	10.0	9.0	8.8	7.5	7.2
-27.5°	15.8	11.9	9.9	9.0	8.8	7.6	7.2
-30°	15.7	11.8	9.8	9.0	8.8	7.6	7.2
-32.5°	15.2	11.7	9.7	9.0	8.7	7.6	7.2
-35°	14.9	11.5	9.6	9.0	8.7	7.6	7.2
-37.5°	14.6	11.2	9.5	9.0	8.7	7.6	7.2
-40°	14.2	11.0	9.4	9.0	8.7	7.6	7.2
-42.5°	13.6	10.8	9.3	9.0	8.7	7.6	7.2
-45°	12.9	10.6	9.4	9.1	8.7	7.7	7.2
-47.5°	12.1	10.4	9.4	9.1	8.7	7.6	7.2
-50°	11.7	10.2	9.5	9.1	8.7	7.6	7.2
-52.5°	11.4	9.9	9.5	9.1	8.7	7.6	7.2
-55°	11.1	10.0	9.6	9.1	8.7	7.6	7.2
-57.5°	10.7	10.0	9.6	9.1	8.7	7.6	7.2
-60°	10.5	10.1	9.7	9.1	8.8	7.6	7.2
-62.5°	10.5	10.1	9.6	9.1	8.7	7.6	7.2
-65°	10.6	10.1	9.5	9.1	8.6	7.5	7.2
-67.5°	10.6	10.1	9.4	9.1	8.5	7.5	7.2
-70°	10.6	9.9	9.3	9.0	8.4	7.5	7.2
-72.5°	10.3	9.6	9.2	8.8	8.2	7.5	7.2
-75°	9.9	9.4	9.0	8.6	8.1	7.4	7.2
-77.5°	9.5	9.1	8.8	8.4	8.0	7.4	7.2
-80°	9.1	8.8	8.4	8.1	7.8	7.4	7.2
-82.5°	8.6	8.4	8.1	7.9	7.7	7.3	7.2
-85°	8.1	8.0	7.8	7.7	7.5	7.3	7.2
-87.5°	7.7	7.6	7.5	7.4	7.4	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)