

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: P1305727 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-4S-CV5-A**

Issue Date: 2/3/2026

Test Information

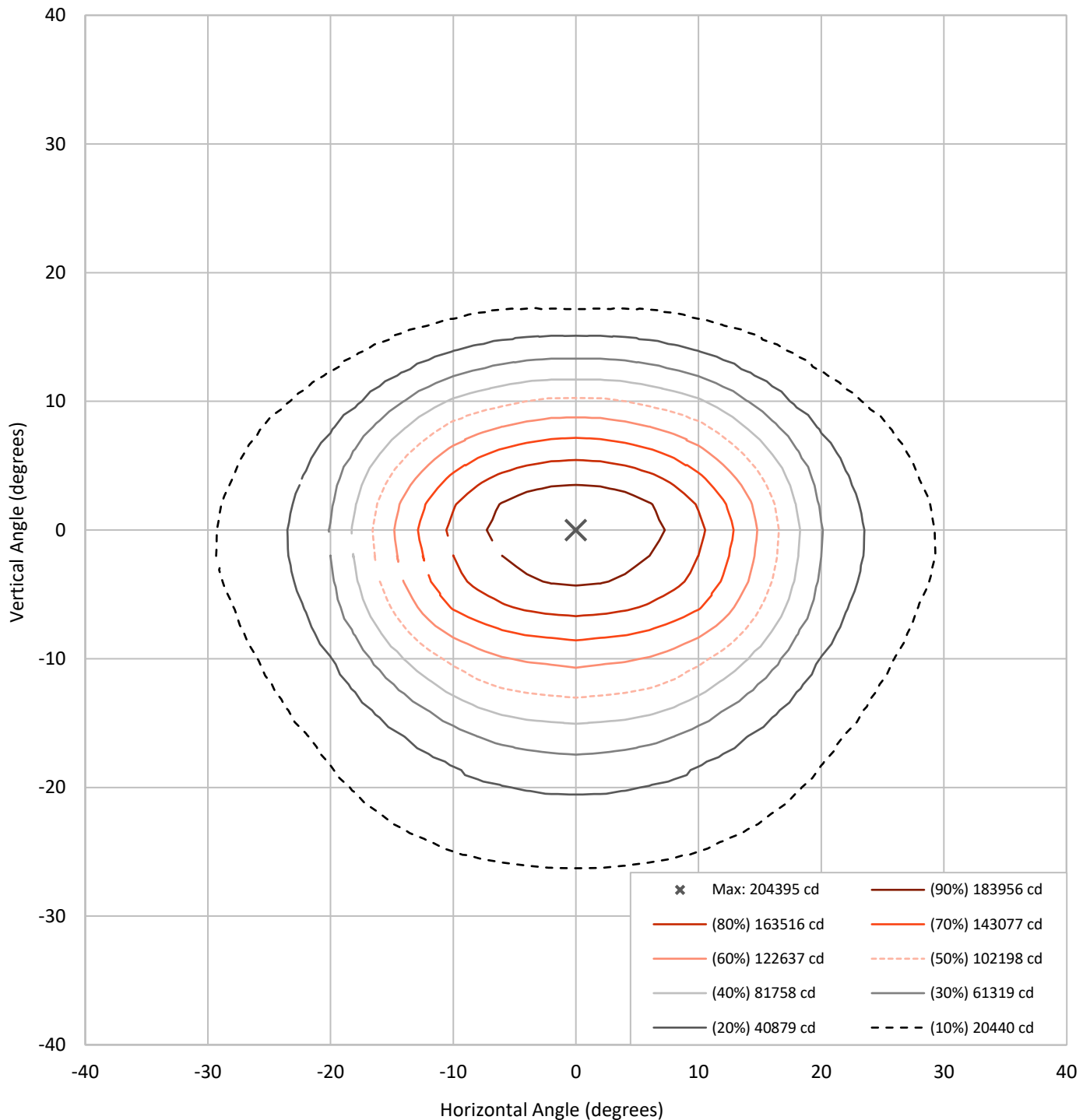
Test Method: LM-79-08
Report Number: P1305727 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-80-4S-CV5-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	53956.7 lumens	Max Intensity:	204395 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	27300.3 lumens	Field Lumens:	46533 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





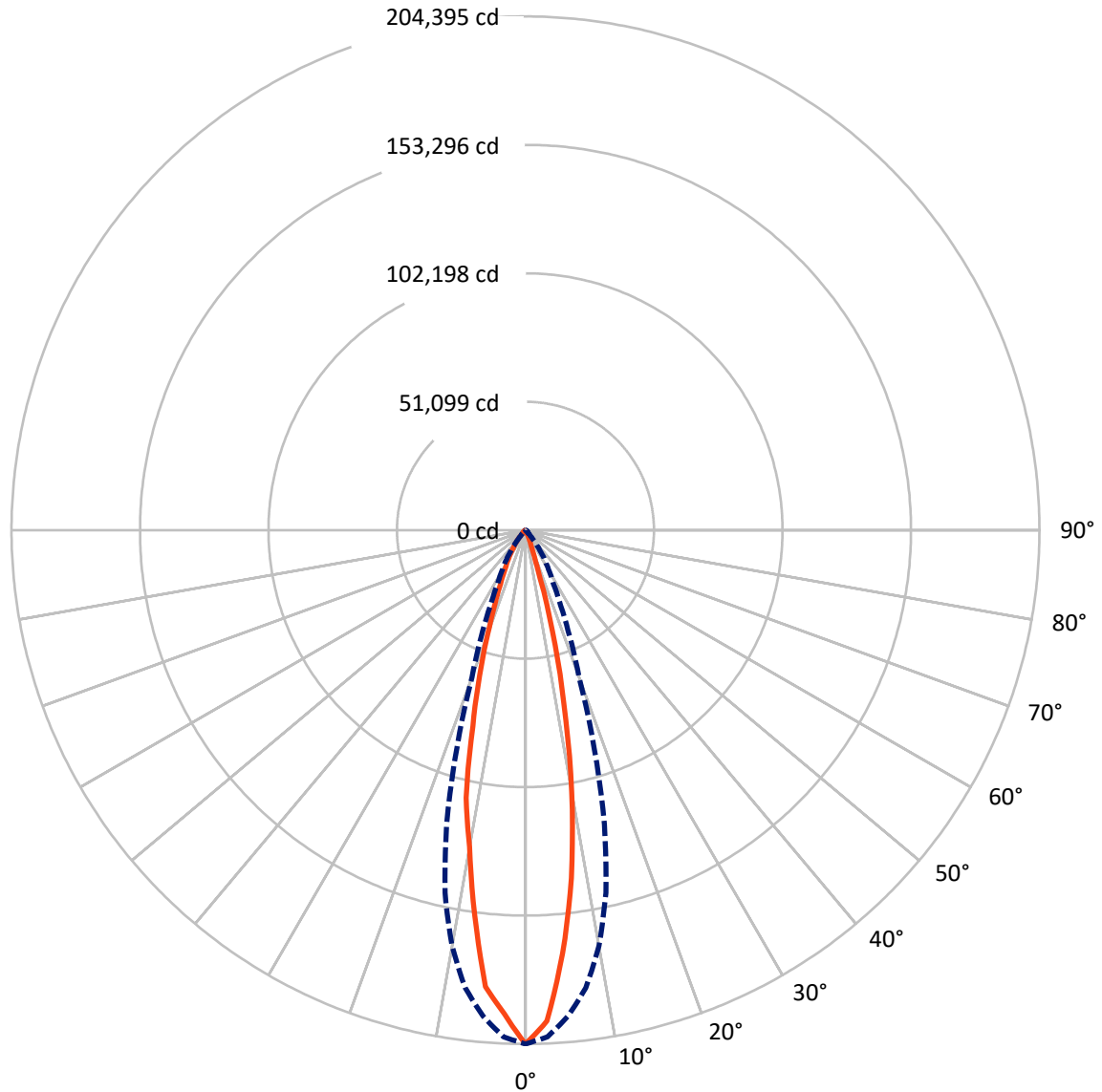
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Lumen Table

90	0.2	0.5	0.7	0.7	0.5	0.7	0.7	0.5	0.7	0.7	0.5	0.2							
80	0.2	0.5	0.7	0.7	0.5	0.7	0.7	0.5	0.7	0.7	0.5	0.2							
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.8	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.8	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.2	0.2			
40		0.2	0.5	0.8	1.2	2.3	4.2	6.2	6.2	4.2	2.3	1.2	0.8	0.5	0.2				
30	0.2	0.4	1.4	3.0	8.1	22.5	46.6	77.4	77.4	46.6	22.5	8.1	3.0	1.4	0.4	0.2			
20		0.9	4.6	12.2	72.8	227.5	693.2	1295.7	1295.7	693.2	227.5	72.8	12.2	4.6	0.9				
10	0.3	1.7	9.3	30.7	226.0	796.3	2756.8	4691.3	4691.3	2756.8	796.3	226.0	30.7	9.3	1.7	0.3			
0		2.3	11.6	36.9	251.8	878.6	3036.5	4984.6	4984.6	3036.5	878.6	251.8	36.9	11.6	2.3				
-10	0.5	2.5	10.2	25.9	149.2	484.2	1343.8	2361.6	2361.6	1343.8	484.2	149.2	25.9	10.2	2.5	0.5			
-20		2.4	8.6	17.3	62.4	242.0	498.8	726.4	726.4	498.8	242.0	62.4	17.3	8.6	2.4				
-30	0.4	2.0	7.2	13.5	25.3	75.3	171.1	242.8	242.8	171.1	75.3	25.3	13.5	7.2	2.0	0.4			
-40		1.3	5.2	11.1	18.0	26.9	39.0	51.1	51.1	39.0	26.9	18.0	11.1	5.2	1.3				
-50	0.3	0.6	2.7	7.1	12.7	17.8	21.8	24.4	24.4	21.8	17.8	12.7	7.1	2.7	0.6	0.3			
-60		0.3	1.0	2.7	5.3	8.6	11.5	13.3	13.3	11.5	8.6	5.3	2.7	1.0	0.3				
-70	0.2	0.8	2.6	6.6	9.5	6.6	2.6	0.8	0.2							0.2			
-80		0.2	0.8	2.6	6.6	9.5	6.6	2.6	0.8	0.2									
-90	0.2	0.8	2.6	6.6	9.5	6.6	2.6	0.8	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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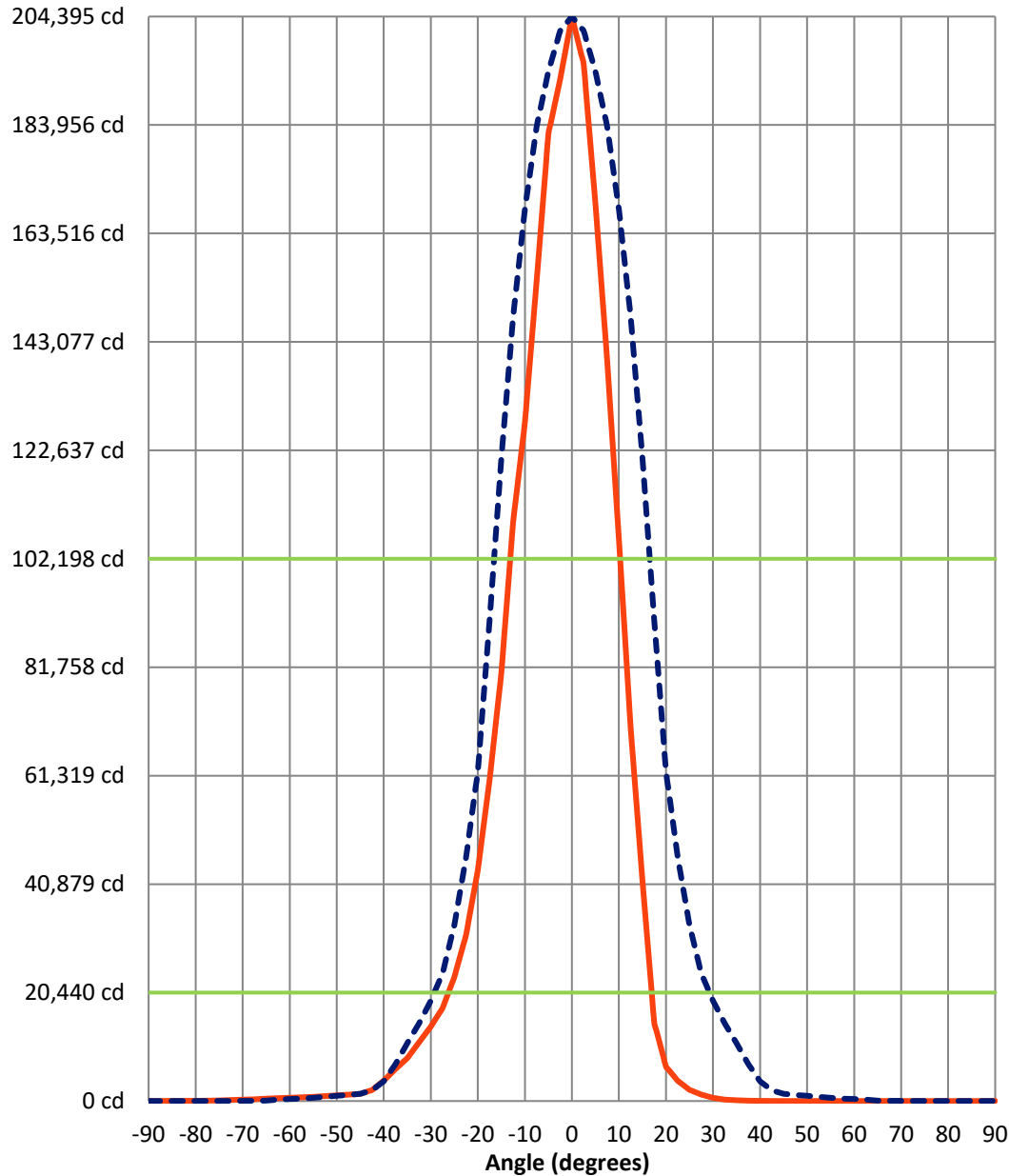
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 23.4°
 Lumens: 27300.3
 Efficiency: 50.6%

Field:
 H Angle: 58.5°
 V Angle: 43.2°
 Lumens: 46533
 Efficiency: 86.2%

Spill:
 Lumens: 7423.8
 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°	7.5	8.4	9.3	8.9	8.4	8.0	7.5	8.0	8.4	8.8	9.3
87.5°	7.5	7.6	7.7	7.7	7.8	7.9	8.0	7.9	7.8	7.7	7.5
85°	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.3	8.1	7.9	7.5
82.5°	7.5	7.7	8.0	8.2	8.4	8.7	8.9	8.7	8.4	8.2	8.0
80°	7.5	7.8	8.1	8.4	8.7	9.1	9.3	9.0	8.8	8.7	8.7
77.5°	7.5	7.9	8.3	8.7	9.1	9.3	9.3	9.1	9.1	9.2	9.3
75°	7.5	8.0	8.4	8.9	9.3	9.3	9.3	9.2	9.3	9.3	9.3
72.5°	7.5	8.0	8.6	9.1	9.3	9.3	9.3	9.3	9.3	9.3	9.3
70°	7.5	8.1	8.7	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
67.5°	7.5	8.2	8.9	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
65°	7.5	8.3	9.0	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
62.5°	7.5	8.3	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
60°	7.5	8.4	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
57.5°	7.5	8.5	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
55°	7.5	8.5	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
52.5°	7.5	8.6	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
50°	7.5	8.7	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	10.1
47.5°	7.5	8.7	9.3	9.3	9.3	9.3	9.3	9.6	9.3	9.3	11.0
45°	7.5	8.8	9.3	9.3	9.3	9.3	9.5	9.7	9.4	9.9	11.7
42.5°	7.5	8.8	9.3	9.3	9.3	9.3	9.7	9.9	9.5	10.4	12.2
40°	7.5	8.9	9.3	9.3	9.3	9.3	9.9	10.0	9.8	10.9	12.6
37.5°	7.5	8.9	9.3	9.3	9.3	9.3	10.1	10.1	10.3	11.5	12.9
35°	7.5	9.0	9.3	9.3	9.3	9.4	10.4	10.2	10.9	12.4	13.3
32.5°	7.5	9.0	9.3	9.3	9.3	9.6	10.6	10.3	11.4	13.4	14.6
30°	7.5	9.1	9.3	9.3	9.3	9.8	10.7	10.5	11.9	14.6	16.2
27.5°	7.5	9.1	9.3	9.3	9.3	10.0	10.8	10.9	12.6	15.9	18.0
25°	7.5	9.1	9.3	9.3	9.3	10.3	10.9	11.3	13.6	17.4	20.1
22.5°	7.5	9.2	9.3	9.3	9.3	10.5	11.0	11.7	14.7	19.0	24.0
20°	7.5	9.2	9.3	9.3	9.3	10.6	11.2	12.1	15.8	20.7	28.2
17.5°	7.5	9.2	9.3	9.3	9.3	10.8	11.3	12.4	17.0	22.5	32.5
15°	7.5	9.2	9.3	9.3	9.3	10.9	11.5	12.9	18.2	24.3	37.0
12.5°	7.5	9.3	9.3	9.3	9.3	11.0	11.7	13.9	19.9	26.2	41.6
10°	7.5	9.3	9.3	9.3	9.3	11.1	12.0	14.8	22.0	30.0	47.5
7.5°	7.5	9.3	9.3	9.3	9.3	11.1	12.3	15.8	24.1	34.2	56.4
5°	7.5	9.3	9.3	9.3	9.3	11.2	12.6	16.8	26.1	38.4	65.3
2.5°	7.5	9.3	9.3	9.3	9.3	11.2	12.8	17.8	28.0	42.6	73.9
0°	7.5	9.3	9.3	9.3	9.3	11.2	12.8	17.8	28.0	42.6	73.9
-2.5°	7.5	9.3	9.3	9.3	9.3	11.4	14.3	21.3	35.1	56.5	96.9
-5°	7.5	9.3	9.3	9.3	9.3	11.6	15.5	23.7	40.2	65.8	110.7
-7.5°	7.5	9.3	9.3	9.3	9.3	11.7	16.6	26.0	44.8	74.3	123.2
-10°	7.5	9.3	9.3	9.3	9.3	11.8	17.5	28.0	48.8	81.9	134.2
-12.5°	7.5	9.3	9.3	9.3	9.3	11.9	18.3	29.8	52.2	88.4	144.0
-15°	7.5	9.2	9.3	9.3	9.3	11.9	18.9	31.2	55.4	94.6	152.1
-17.5°	7.5	9.2	9.3	9.3	9.3	11.9	19.2	32.7	58.4	99.4	158.1
-20°	7.5	9.2	9.3	9.3	9.3	11.8	19.5	34.2	60.2	102.5	161.9



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 CATALOG NUMBER: EPH-08-640L-57-80-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.5	9.2	9.3	9.3	9.3	11.6	19.9	35.2	60.9	103.9	163.3
-25°	7.5	9.2	9.3	9.3	9.3	11.6	20.0	35.6	60.2	103.4	162.2
-27.5°	7.5	9.1	9.3	9.3	9.3	11.6	19.7	35.6	58.2	101.5	161.2
-30°	7.5	9.1	9.3	9.3	9.3	11.4	19.0	34.9	56.9	99.2	157.8
-32.5°	7.5	9.1	9.3	9.3	9.5	11.1	17.9	34.0	56.1	94.8	151.6
-35°	7.5	9.1	9.3	9.3	9.6	10.7	17.2	32.7	54.4	88.5	142.7
-37.5°	7.5	9.0	9.3	9.3	9.7	10.3	16.6	30.7	51.9	80.1	128.6
-40°	7.5	9.0	9.3	9.3	9.9	10.5	15.8	28.1	48.6	74.7	114.5
-42.5°	7.5	9.0	9.3	9.3	10.0	10.6	14.8	24.8	44.9	68.6	99.3
-45°	7.5	9.0	9.3	9.4	10.0	10.8	13.5	22.0	40.4	61.4	84.3
-47.5°	7.5	8.9	9.3	9.4	10.1	10.9	11.9	20.1	35.1	53.5	75.3
-50°	7.5	8.9	9.3	9.4	10.1	11.1	11.8	17.9	28.3	45.8	65.6
-52.5°	7.5	8.9	9.3	9.5	10.1	11.2	12.0	15.4	23.8	37.5	55.1
-55°	7.5	8.8	9.3	9.5	10.1	11.2	12.1	12.9	20.4	28.8	45.2
-57.5°	7.5	8.8	9.3	9.5	10.1	11.1	12.2	13.1	16.8	23.8	34.8
-60°	7.5	8.8	9.3	9.4	10.0	11.0	12.3	13.1	14.0	19.9	26.0
-62.5°	7.5	8.8	9.3	9.4	9.9	10.8	12.1	13.1	13.8	15.9	21.7
-65°	7.5	8.7	9.3	9.4	9.8	10.6	11.8	12.9	13.5	14.6	17.4
-67.5°	7.5	8.7	9.3	9.4	9.7	10.4	11.5	12.4	13.1	13.9	15.3
-70°	7.5	8.7	9.3	9.3	9.6	10.2	11.1	11.9	12.5	13.1	14.1
-72.5°	7.5	8.6	9.3	9.3	9.5	9.9	10.7	11.3	11.9	12.4	12.9
-75°	7.5	8.6	9.3	9.2	9.3	9.7	10.3	10.8	11.3	11.7	12.2
-77.5°	7.5	8.6	9.3	9.2	9.2	9.4	9.8	10.2	10.6	11.0	11.4
-80°	7.5	8.5	9.3	9.1	9.0	9.1	9.4	9.7	10.0	10.3	10.6
-82.5°	7.5	8.5	9.3	9.0	8.9	8.8	8.9	9.2	9.3	9.6	9.8
-85°	7.5	8.5	9.3	9.0	8.7	8.5	8.4	8.8	9.0	9.2	9.3
-87.5°	7.5	8.4	9.3	8.9	8.6	8.2	8.0	8.4	8.7	9.0	9.3
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



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 CATALOG NUMBER: EPH-08-640L-57-80-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.9	8.4	8.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0	6.6	6.1
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.3	7.1	6.9
82.5°	8.0	8.0	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	8.7	8.5	8.0	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	9.0	8.5	8.1	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5
75°	9.0	8.6	8.1	7.7	7.5	7.5	7.6	7.9	8.1	8.1	8.0
72.5°	9.0	8.6	8.2	7.7	7.9	8.3	8.7	9.1	9.6	9.9	10.1
70°	9.1	8.7	8.5	8.6	9.0	9.5	10.3	11.4	12.4	13.0	14.2
67.5°	9.2	9.0	9.0	9.4	10.1	11.0	12.2	14.6	17.2	18.7	20.2
65°	9.3	9.2	9.5	10.2	11.1	13.5	16.2	19.1	23.8	26.5	27.6
62.5°	9.3	9.4	9.9	11.3	14.0	16.9	20.7	25.8	32.1	36.3	36.5
60°	9.3	9.5	11.1	13.8	16.7	20.3	25.4	32.4	41.6	48.4	44.1
57.5°	9.3	10.4	13.0	15.9	19.1	23.2	29.9	38.7	47.5	56.6	48.6
55°	9.8	11.9	14.5	17.4	21.1	25.6	32.4	40.0	49.5	52.2	43.0
52.5°	11.1	13.2	15.4	18.5	22.6	26.6	31.0	37.5	40.5	41.0	34.2
50°	12.2	13.8	15.8	19.3	23.3	26.1	27.1	30.8	31.1	28.2	24.5
47.5°	12.8	14.4	16.0	19.7	23.3	25.0	24.5	23.6	21.7	20.0	15.5
45°	13.3	14.9	16.5	20.1	23.1	23.7	21.5	17.1	17.8	15.8	14.7
42.5°	13.8	15.5	17.9	20.7	22.7	22.5	19.4	18.0	16.8	16.4	16.0
40°	14.3	16.0	19.7	22.2	22.7	22.0	22.1	21.1	18.2	19.4	19.6
37.5°	14.7	17.8	22.2	26.0	23.4	24.7	26.4	26.8	25.3	24.7	27.2
35°	15.0	19.7	27.2	31.3	29.0	29.9	33.4	34.9	35.2	35.1	37.0
32.5°	16.2	21.8	33.7	37.8	38.9	39.6	42.0	45.6	49.6	51.4	49.2
30°	18.9	27.9	41.3	45.7	50.5	57.5	55.9	58.6	67.8	71.5	75.0
27.5°	23.2	35.9	48.9	56.3	65.0	80.8	86.4	80.7	88.5	95.9	107.2
25°	28.0	56.0	57.4	68.4	87.9	111.7	126.9	133.5	116.1	129.0	159.1
22.5°	38.9	82.3	87.6	81.3	114.3	149.5	179.6	195.7	193.6	181.1	221.5
20°	58.1	108.9	123.1	125.7	150.9	193.0	239.8	267.2	293.0	338.1	456.6
17.5°	80.6	138.4	160.7	183.2	228.9	266.3	306.4	347.0	408.4	542.5	944.4
15°	105.6	170.2	200.0	245.7	313.7	376.4	425.2	461.6	570.1	851.2	1561.8
12.5°	132.2	203.7	240.5	311.9	403.1	492.0	561.3	634.7	817.1	1369.9	2543.6
10°	159.6	238.2	281.8	380.3	495.4	611.4	701.3	811.8	1096.9	1957.2	3615.2
7.5°	190.0	275.0	323.9	449.4	588.9	732.4	843.0	990.1	1382.3	2550.7	4693.4
5°	219.5	313.6	368.7	509.1	667.6	838.7	975.4	1166.5	1664.7	3126.0	5741.2
2.5°	246.6	350.9	412.6	563.6	733.6	919.4	1065.7	1272.0	1860.2	3503.9	6512.5
0°	270.4	386.1	455.1	613.6	794.5	994.1	1150.7	1368.9	2018.0	3732.0	6973.4
-2.5°	279.5	399.7	472.5	626.3	803.0	1006.8	1166.4	1377.4	2066.4	3824.4	7041.3
-5°	284.7	410.1	487.8	634.5	806.0	1011.7	1175.6	1377.3	2054.3	3744.3	6710.3
-7.5°	286.3	417.1	500.8	635.6	790.8	979.2	1129.6	1305.0	1892.4	3413.3	5996.7
-10°	284.7	416.0	496.9	612.2	751.3	922.1	1068.0	1226.0	1705.7	2998.0	5203.2
-12.5°	279.5	408.4	489.4	587.4	710.3	860.8	1003.3	1141.8	1498.4	2503.7	4385.9
-15°	272.4	399.4	481.6	562.3	669.2	796.4	936.5	1053.4	1282.6	1976.4	3574.6
-17.5°	264.1	389.4	473.9	537.5	628.9	729.8	871.3	979.7	1123.5	1640.2	2921.8
-20°	255.0	378.9	466.5	514.0	591.3	679.2	808.5	918.6	1040.3	1375.1	2221.8



REPORT NUMBER: P1305727 (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°	245.4	368.1	455.9	501.0	566.6	644.4	745.3	854.1	955.7	1082.6	1627.6
-25°	240.6	352.2	440.1	492.0	543.6	610.6	684.3	786.3	877.1	999.0	1313.4
-27.5°	238.3	337.2	421.4	482.0	521.2	579.7	640.8	719.5	823.4	931.2	1045.2
-30°	232.7	315.1	402.1	468.1	506.9	554.5	605.7	672.6	771.8	871.3	972.0
-32.5°	219.1	291.6	377.4	445.9	493.8	530.8	580.5	641.9	721.6	812.9	903.3
-35°	201.4	271.0	349.3	423.7	478.8	514.8	560.0	612.7	675.1	756.9	853.5
-37.5°	183.7	248.1	320.0	397.0	454.7	502.1	538.2	586.0	640.2	705.2	800.2
-40°	164.0	223.0	291.8	364.1	431.7	483.6	523.8	560.0	606.9	670.6	738.6
-42.5°	142.9	199.0	262.1	329.6	397.0	456.5	507.4	541.6	581.4	636.6	698.6
-45°	125.0	172.9	230.5	292.8	356.1	421.8	475.9	525.6	561.9	603.8	659.0
-47.5°	106.0	146.6	199.1	253.5	313.2	374.7	438.0	490.6	541.8	580.0	619.1
-50°	88.3	124.7	164.9	215.5	268.1	325.4	384.4	446.8	500.5	549.9	592.5
-52.5°	76.3	101.6	137.2	177.2	224.4	274.2	329.4	386.7	445.7	501.9	546.2
-55°	63.4	84.8	110.0	143.8	181.9	225.7	273.1	325.8	377.9	432.9	483.5
-57.5°	50.9	69.3	88.8	112.6	144.6	178.9	220.8	264.6	312.3	359.4	399.6
-60°	38.5	54.4	71.9	89.6	109.2	139.1	169.6	206.5	247.1	286.3	321.6
-62.5°	27.1	40.2	55.4	71.2	87.1	102.6	127.1	154.7	182.3	215.4	246.4
-65°	22.5	28.1	39.2	53.2	67.5	81.9	95.9	109.6	132.5	155.8	177.5
-67.5°	17.9	22.8	28.0	34.9	47.6	60.4	73.6	86.1	98.3	110.0	123.6
-70°	15.8	17.9	21.9	26.6	31.4	37.8	49.0	60.6	72.6	84.6	95.0
-72.5°	14.3	16.2	18.1	19.9	23.8	27.9	31.8	35.6	43.1	53.4	63.9
-75°	13.1	14.5	16.3	18.0	19.6	21.2	23.3	26.7	30.1	33.7	37.2
-77.5°	12.0	12.9	14.2	15.8	17.3	18.5	19.9	21.4	23.0	24.7	26.5
-80°	10.9	11.2	11.8	12.8	14.0	15.2	16.4	17.6	18.7	19.9	21.1
-82.5°	10.0	10.2	10.5	10.7	11.2	11.9	12.7	13.7	14.4	15.0	15.7
-85°	9.3	9.3	9.4	9.6	9.8	10.1	10.5	10.9	11.1	11.3	11.5
-87.5°	9.1	8.9	8.7	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.0	6.6	6.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.5	8.4	9.3	10.3	11.2	12.1	13.0	14.0	14.9	15.9	16.8
87.5°	5.6	5.6	5.6	5.6	5.6	5.1	4.7	4.2	3.7	3.3	2.8
85°	6.8	6.6	6.3	6.0	5.6	5.1	4.7	4.2	3.7	3.3	2.8
82.5°	7.5	7.1	6.6	6.1	5.6	5.2	4.7	4.2	3.7	3.3	2.8
80°	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.7	3.3	2.8
77.5°	7.5	7.1	6.7	6.2	5.7	5.2	4.7	4.3	3.8	3.7	3.6
75°	7.7	7.3	7.2	7.0	6.6	6.3	6.0	5.6	5.3	5.0	4.6
72.5°	10.3	10.3	10.0	9.8	9.2	8.8	8.4	7.9	7.3	6.8	6.4
70°	15.3	15.9	15.5	14.4	12.8	11.4	10.7	9.9	9.1	8.4	7.6
67.5°	21.3	21.2	19.7	17.8	15.2	12.8	11.8	10.8	9.7	9.2	9.1
65°	27.5	25.7	23.1	20.0	16.4	12.9	11.9	10.9	9.9	9.3	9.3
62.5°	34.5	28.8	23.2	19.1	15.8	12.9	11.5	10.2	8.9	8.0	7.8
60°	37.1	27.5	19.8	16.5	13.7	11.5	10.1	9.0	8.1	7.5	7.5
57.5°	35.9	24.5	16.0	13.3	11.2	9.7	8.8	7.9	7.0	6.3	6.0
55°	30.6	20.0	12.0	10.3	9.2	8.2	7.3	6.7	6.2	5.6	5.6
52.5°	22.5	15.3	10.7	9.0	8.5	8.0	7.4	7.2	7.1	6.8	6.7
50°	16.4	11.8	10.2	9.2	8.8	8.8	9.1	9.1	8.9	8.7	8.4
47.5°	13.4	11.6	10.5	9.4	9.6	10.5	10.9	10.9	10.8	10.6	10.3
45°	13.0	12.0	11.4	12.0	12.6	13.1	13.1	12.8	13.4	13.6	13.3
42.5°	14.3	14.5	15.6	16.5	15.8	16.9	18.0	18.0	18.8	19.5	19.4
40°	20.1	19.6	22.5	23.3	23.7	24.8	28.0	27.7	29.1	33.0	33.8
37.5°	28.8	30.4	32.3	34.1	39.1	42.3	48.5	53.5	56.2	63.7	69.5
35°	40.6	44.7	45.8	55.7	65.9	75.5	84.1	94.7	99.2	115.8	127.3
32.5°	57.6	65.9	77.2	93.6	112.9	135.9	134.9	169.8	182.5	216.6	255.8
30°	80.5	103.9	141.2	167.0	214.5	251.8	270.6	325.2	398.6	468.7	564.1
27.5°	130.9	180.3	247.6	336.5	382.9	439.1	524.1	589.4	756.8	916.8	1034.2
25°	225.2	328.7	455.8	587.1	669.3	743.0	898.5	1012.5	1249.9	1428.1	1682.3
22.5°	430.6	651.7	812.7	910.2	1086.6	1317.2	1429.2	1742.8	2094.8	2544.1	2915.6
20°	725.5	1073.6	1432.3	1651.4	1852.8	2362.1	2585.2	3172.5	3920.7	4766.4	5471.3
17.5°	1419.8	1737.7	2468.1	3179.7	3715.1	4217.8	5628.8	6636.8	8593.1	10987.5	12091.8
15°	2547.7	3436.4	4288.6	5579.5	6945.5	8465.3	10679.5	14502.4	19304.0	24539.7	30202.8
12.5°	4130.2	5752.5	7277.0	8901.9	10857.5	14591.9	19640.5	26317.2	34944.6	44201.0	54888.9
10°	5908.1	8377.0	10603.7	13056.9	16529.3	22077.3	29560.3	39860.2	55224.3	70929.2	84551.7
7.5°	7500.2	10490.3	13510.7	17061.5	22565.7	30489.5	41255.3	57337.3	77401.2	96836.2	113407.7
5°	9025.9	12518.9	15961.6	20193.8	27130.9	37472.1	51404.9	73467.7	98832.1	120396.7	138558.3
2.5°	10214.6	14106.2	18046.0	23023.4	30938.0	42704.0	58529.1	85233.0	115846.7	139762.8	160529.5
0°	10895.6	14627.6	18904.2	24061.1	33168.1	45984.8	62214.5	90649.1	121137.1	147715.1	168009.7
-2.5°	10762.3	14672.9	19045.0	24261.9	32893.9	45199.1	61198.0	88322.6	118667.5	142627.2	162292.3
-5°	10082.9	13660.7	17515.4	22092.4	29709.1	40921.5	56630.2	82119.9	110281.7	134247.2	154233.7
-7.5°	9023.4	12187.3	15542.9	19526.6	25968.3	35724.6	49227.4	69074.2	94025.7	115731.0	130711.2
-10°	7867.0	10650.9	13679.1	17284.2	22364.9	30013.4	40244.2	54581.1	74988.4	93074.7	106970.1
-12.5°	6770.7	9301.5	11935.7	14946.0	18791.7	24815.8	32591.5	43295.2	56450.1	71317.3	85510.6
-15°	5719.2	7941.7	10240.4	13026.9	16371.3	20458.4	25685.8	32887.4	41530.0	51274.3	61786.0
-17.5°	4718.2	6669.8	8832.5	11265.6	14029.2	17151.8	21535.8	26474.2	31960.9	38310.0	44329.5
-20°	3701.6	5504.8	7467.2	9633.3	12112.8	14959.5	18079.0	21788.4	25757.9	30095.8	34598.9



REPORT NUMBER: P1305727 (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°	2825.1	4361.6	6078.7	8050.7	10378.6	12887.9	15307.5	17742.3	20679.1	23540.0	26413.4
-25°	1978.3	3196.8	4800.0	6685.1	8661.7	10759.0	12554.8	14271.0	16310.4	18144.6	20054.6
-27.5°	1455.0	2292.1	3617.9	5289.9	7062.6	8501.1	10013.0	11420.7	12897.5	14061.6	15407.0
-30°	1109.6	1591.5	2576.7	3880.9	5303.2	6556.6	7723.4	8998.2	10212.4	11223.1	12068.9
-32.5°	1011.9	1195.6	1694.3	2602.8	3630.9	4743.1	5752.6	6862.2	7880.8	8721.4	9394.7
-35°	951.0	1050.6	1196.0	1654.6	2257.4	3135.6	3978.0	4886.6	5730.9	6424.3	6981.9
-37.5°	899.0	986.4	1072.2	1158.3	1490.5	1860.8	2468.8	3126.6	3696.9	4331.0	4826.0
-40°	834.4	932.5	1001.9	1072.7	1152.6	1245.2	1566.0	1854.1	2176.5	2624.2	2994.9
-42.5°	763.6	846.4	932.8	1002.2	1063.7	1129.1	1201.7	1273.8	1422.1	1610.3	1763.5
-45°	717.2	771.7	834.4	913.2	985.1	1039.5	1093.5	1145.9	1195.4	1239.9	1277.2
-47.5°	667.1	713.4	764.3	818.4	871.6	932.1	988.9	1036.3	1073.9	1109.8	1141.9
-50°	622.5	656.7	699.7	741.7	783.6	826.6	869.1	905.7	942.0	974.7	1006.6
-52.5°	586.4	615.3	643.5	671.7	705.7	738.9	770.3	798.5	824.3	846.6	870.1
-55°	525.7	562.0	598.1	623.2	644.7	665.5	686.1	709.5	729.9	747.5	764.0
-57.5°	443.2	487.2	527.4	556.8	584.7	610.9	629.1	642.5	655.4	667.7	679.0
-60°	355.7	388.7	427.2	464.9	499.7	531.2	551.6	568.9	583.6	595.8	606.7
-62.5°	274.9	303.2	334.6	365.0	393.0	420.8	447.8	471.4	491.5	508.6	522.7
-65°	200.2	225.0	251.7	277.5	302.2	326.6	349.0	369.3	387.7	404.2	419.5
-67.5°	142.6	160.7	180.0	197.5	217.2	238.6	259.7	278.6	295.4	308.6	318.6
-70°	104.8	115.1	127.9	142.9	159.2	174.5	189.7	204.2	218.1	230.1	240.8
-72.5°	74.5	85.1	95.3	104.7	114.8	124.9	135.2	145.9	156.9	166.0	174.0
-75°	40.8	46.1	54.7	63.1	71.2	78.9	85.7	91.8	97.0	101.3	105.1
-77.5°	29.0	32.5	36.1	39.5	42.9	46.9	51.2	55.5	59.8	63.1	66.3
-80°	22.4	24.3	26.4	28.7	31.0	33.8	36.7	39.6	42.5	44.6	46.5
-82.5°	16.4	17.9	19.3	20.7	22.0	23.8	25.6	27.3	29.0	30.2	31.3
-85°	11.7	12.7	13.7	14.7	15.7	17.3	18.9	20.4	22.0	23.0	24.0
-87.5°	9.0	9.6	10.1	10.7	11.2	12.6	13.9	15.3	16.7	17.2	17.7
-90°	5.6	5.6	5.6	5.6	5.6	5.1	4.7	4.2	3.7	3.3	2.8



REPORT NUMBER: P1305727 (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°	17.7	18.7	18.7	18.7	18.7	18.7	17.7	16.8	15.9	14.9	14.0
87.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	4.2
85°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	4.2
82.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	4.2
80°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.3	3.7	4.2
77.5°	3.6	3.7	2.8	1.9	2.8	3.7	3.6	3.6	3.7	3.8	4.3
75°	4.2	3.7	2.8	1.9	2.8	3.7	4.2	4.6	5.0	5.3	5.6
72.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.4	6.8	7.3	7.9
70°	6.7	5.7	5.6	5.6	5.6	5.7	6.7	7.6	8.4	9.1	9.9
67.5°	9.1	9.2	9.3	9.3	9.3	9.2	9.1	9.1	9.2	9.7	10.8
65°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.9	10.9
62.5°	7.7	7.6	7.5	7.5	7.5	7.6	7.7	7.8	8.0	8.9	10.2
60°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8.1	9.0
57.5°	5.8	5.7	5.6	5.6	5.6	5.7	5.8	6.0	6.3	7.0	7.9
55°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.2	6.7
52.5°	6.3	5.8	5.6	5.6	5.6	5.8	6.3	6.7	6.8	7.1	7.2
50°	8.1	7.6	7.5	7.5	7.5	7.6	8.1	8.4	8.7	8.9	9.1
47.5°	9.9	9.5	9.3	9.3	9.3	9.5	9.9	10.3	10.6	10.8	10.9
45°	12.7	11.8	11.2	11.2	11.2	11.8	12.7	13.3	13.6	13.4	12.8
42.5°	19.3	18.9	18.5	18.7	18.5	18.9	19.3	19.4	19.5	18.8	18.0
40°	35.4	36.4	36.8	37.3	36.8	36.4	35.4	33.8	33.0	29.1	27.7
37.5°	72.7	71.3	68.1	69.0	68.1	71.3	72.7	69.5	63.7	56.2	53.5
35°	134.9	143.0	148.8	152.9	148.8	143.0	134.9	127.3	115.8	99.2	94.7
32.5°	270.3	281.4	278.2	272.3	278.2	281.4	270.3	255.8	216.6	182.5	169.8
30°	620.4	652.8	644.2	606.1	644.2	652.8	620.4	564.1	468.7	398.6	325.2
27.5°	1118.5	1196.7	1247.8	1221.6	1247.8	1196.7	1118.5	1034.2	916.8	756.8	589.4
25°	1901.6	2053.6	2162.3	2116.8	2162.3	2053.6	1901.6	1682.3	1428.1	1249.9	1012.5
22.5°	3381.2	3630.8	3779.0	3817.8	3779.0	3630.8	3381.2	2915.6	2544.1	2094.8	1742.8
20°	6358.0	6556.9	6596.4	6497.8	6596.4	6556.9	6358.0	5471.3	4766.4	3920.7	3172.5
17.5°	15298.0	16216.9	15543.3	14836.5	15543.3	16216.9	15298.0	12091.8	10987.5	8593.1	6636.8
15°	34995.0	38875.2	41085.6	41536.6	41085.6	38875.2	34995.0	30202.8	24539.7	19304.0	14502.4
12.5°	61663.1	67916.2	70496.8	70255.7	70496.8	67916.2	61663.1	54888.9	44201.0	34944.6	26317.2
10°	93290.1	99975.4	105727.6	105785.9	105727.6	99975.4	93290.1	84551.7	70929.2	55224.3	39860.2
7.5°	124909.7	132619.7	138031.3	139575.1	138031.3	132619.7	124909.7	113407.7	96836.2	77401.2	57337.3
5°	152590.8	162136.2	167508.6	169149.2	167508.6	162136.2	152590.8	138558.3	120396.7	98832.1	73467.7
2.5°	176928.0	188621.4	194513.7	195429.7	194513.7	188621.4	176928.0	160529.5	139762.8	115846.7	85233.0
0°	183623.9	194047.7	201678.6	204395.0	201678.6	194047.7	183623.9	168009.7	147715.1	121137.1	90649.1
-2.5°	177022.7	186142.3	190690.4	192587.4	190690.4	186142.3	177022.7	162292.3	142627.2	118667.5	88322.6
-5°	166588.2	175098.8	180891.1	182232.6	180891.1	175098.8	166588.2	154233.7	134247.2	110281.7	82119.9
-7.5°	140591.4	148968.5	151571.0	154521.6	151571.0	148968.5	140591.4	130711.2	115731.0	94025.7	69074.2
-10°	117466.8	123983.5	125775.9	127866.3	125775.9	123983.5	117466.8	106970.1	93074.7	74988.4	54581.1
-12.5°	97193.8	103648.7	106571.0	109072.1	106571.0	103648.7	97193.8	85510.6	71317.3	56450.1	43295.2
-15°	71207.6	77274.5	79370.2	80723.3	79370.2	77274.5	71207.6	61786.0	51274.3	41530.0	32887.4
-17.5°	51581.6	56202.1	58947.8	60539.7	58947.8	56202.1	51581.6	44329.5	38310.0	31960.9	26474.2
-20°	38557.1	41205.0	43331.9	43565.8	43331.9	41205.0	38557.1	34598.9	30095.8	25757.9	21788.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28820.7	30397.9	31377.1	31318.0	31377.1	30397.9	28820.7	26413.4	23540.0	20679.1	17742.3
-25°	21511.3	22571.7	23246.0	23367.3	23246.0	22571.7	21511.3	20054.6	18144.6	16310.4	14271.0
-27.5°	16370.1	17116.7	17503.5	17524.0	17503.5	17116.7	16370.1	15407.0	14061.6	12897.5	11420.7
-30°	12682.7	13304.5	13716.9	14032.7	13716.9	13304.5	12682.7	12068.9	11223.1	10212.4	8998.2
-32.5°	9960.5	10491.3	10851.1	11065.4	10851.1	10491.3	9960.5	9394.7	8721.4	7880.8	6862.2
-35°	7467.4	7892.4	8146.8	8083.1	8146.8	7892.4	7467.4	6981.9	6424.3	5730.9	4886.6
-37.5°	5261.9	5622.3	5878.6	6040.9	5878.6	5622.3	5261.9	4826.0	4331.0	3696.9	3126.6
-40°	3315.6	3564.8	3742.1	3855.1	3742.1	3564.8	3315.6	2994.9	2624.2	2176.5	1854.1
-42.5°	1888.3	1981.5	2044.2	2077.7	2044.2	1981.5	1888.3	1763.5	1610.3	1422.1	1273.8
-45°	1306.0	1329.3	1346.1	1355.9	1346.1	1329.3	1306.0	1277.2	1239.9	1195.4	1145.9
-47.5°	1167.0	1186.1	1198.5	1204.8	1198.5	1186.1	1167.0	1141.9	1109.8	1073.9	1036.3
-50°	1035.3	1058.7	1072.8	1078.0	1072.8	1058.7	1035.3	1006.6	974.7	942.0	905.7
-52.5°	892.1	911.1	923.8	930.7	923.8	911.1	892.1	870.1	846.6	824.3	798.5
-55°	778.4	790.5	796.8	798.2	796.8	790.5	778.4	764.0	747.5	729.9	709.5
-57.5°	688.5	696.3	702.5	706.9	702.5	696.3	688.5	679.0	667.7	655.4	642.5
-60°	615.5	622.2	625.7	626.7	625.7	622.2	615.5	606.7	595.8	583.6	568.9
-62.5°	533.6	541.7	547.9	552.1	547.9	541.7	533.6	522.7	508.6	491.5	471.4
-65°	433.3	445.4	451.8	455.1	451.8	445.4	433.3	419.5	404.2	387.7	369.3
-67.5°	326.5	332.7	334.2	333.8	334.2	332.7	326.5	318.6	308.6	295.4	278.6
-70°	250.8	259.9	263.3	264.8	263.3	259.9	250.8	240.8	230.1	218.1	204.2
-72.5°	181.3	187.7	191.5	194.0	191.5	187.7	181.3	174.0	166.0	156.9	145.9
-75°	108.2	110.9	112.6	113.8	112.6	110.9	108.2	105.1	101.3	97.0	91.8
-77.5°	69.3	72.2	73.5	74.6	73.5	72.2	69.3	66.3	63.1	59.8	55.5
-80°	48.4	50.1	50.3	50.4	50.3	50.1	48.4	46.5	44.6	42.5	39.6
-82.5°	32.4	33.5	33.6	33.6	33.6	33.5	32.4	31.3	30.2	29.0	27.3
-85°	25.0	26.0	26.1	26.1	26.1	26.0	25.0	24.0	23.0	22.0	20.4
-87.5°	18.2	18.7	19.6	20.5	19.6	18.7	18.2	17.7	17.2	16.7	15.3
-90°	2.4	1.9	1.0	0.0	1.0	1.9	2.4	2.8	3.3	3.7	4.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.0	12.1	11.2	10.3	9.3	8.4	7.5	7.5	7.5	7.5	7.5
87.5°	4.7	5.1	5.6	5.6	5.6	5.6	5.6	6.1	6.6	7.0	7.5
85°	4.7	5.1	5.6	6.0	6.3	6.6	6.8	6.9	7.1	7.3	7.5
82.5°	4.7	5.2	5.6	6.1	6.6	7.1	7.5	7.5	7.5	7.5	7.5
80°	4.7	5.2	5.7	6.1	6.6	7.1	7.5	7.5	7.5	7.5	7.5
77.5°	4.7	5.2	5.7	6.2	6.7	7.1	7.5	7.5	7.5	7.5	7.5
75°	6.0	6.3	6.6	7.0	7.2	7.3	7.7	8.0	8.1	8.1	7.9
72.5°	8.4	8.8	9.2	9.8	10.0	10.3	10.3	10.1	9.9	9.6	9.1
70°	10.7	11.4	12.8	14.4	15.5	15.9	15.3	14.2	13.0	12.4	11.4
67.5°	11.8	12.8	15.2	17.8	19.7	21.2	21.3	20.2	18.7	17.2	14.6
65°	11.9	12.9	16.4	20.0	23.1	25.7	27.5	27.6	26.5	23.8	19.1
62.5°	11.5	12.9	15.8	19.1	23.2	28.8	34.5	36.5	36.3	32.1	25.8
60°	10.1	11.5	13.7	16.5	19.8	27.5	37.1	44.1	48.4	41.6	32.4
57.5°	8.8	9.7	11.2	13.3	16.0	24.5	35.9	48.6	56.6	47.5	38.7
55°	7.3	8.2	9.2	10.3	12.0	20.0	30.6	43.0	52.2	49.5	40.0
52.5°	7.4	8.0	8.5	9.0	10.7	15.3	22.5	34.2	41.0	40.5	37.5
50°	9.1	8.8	8.8	9.2	10.2	11.8	16.4	24.5	28.2	31.1	30.8
47.5°	10.9	10.5	9.6	9.4	10.5	11.6	13.4	15.5	20.0	21.7	23.6
45°	13.1	13.1	12.6	12.0	11.4	12.0	13.0	14.7	15.8	17.8	17.1
42.5°	18.0	16.9	15.8	16.5	15.6	14.5	14.3	16.0	16.4	16.8	18.0
40°	28.0	24.8	23.7	23.3	22.5	19.6	20.1	19.6	19.4	18.2	21.1
37.5°	48.5	42.3	39.1	34.1	32.3	30.4	28.8	27.2	24.7	25.3	26.8
35°	84.1	75.5	65.9	55.7	45.8	44.7	40.6	37.0	35.1	35.2	34.9
32.5°	134.9	135.9	112.9	93.6	77.2	65.9	57.6	49.2	51.4	49.6	45.6
30°	270.6	251.8	214.5	167.0	141.2	103.9	80.5	75.0	71.5	67.8	58.6
27.5°	524.1	439.1	382.9	336.5	247.6	180.3	130.9	107.2	95.9	88.5	80.7
25°	898.5	743.0	669.3	587.1	455.8	328.7	225.2	159.1	129.0	116.1	133.5
22.5°	1429.2	1317.2	1086.6	910.2	812.7	651.7	430.6	221.5	181.1	193.6	195.7
20°	2585.2	2362.1	1852.8	1651.4	1432.3	1073.6	725.5	456.6	338.1	293.0	267.2
17.5°	5628.8	4217.8	3715.1	3179.7	2468.1	1737.7	1419.8	944.4	542.5	408.4	347.0
15°	10679.5	8465.3	6945.5	5579.5	4288.6	3436.4	2547.7	1561.8	851.2	570.1	461.6
12.5°	19640.5	14591.9	10857.5	8901.9	7277.0	5752.5	4130.2	2543.6	1369.9	817.1	634.7
10°	29560.3	22077.3	16529.3	13056.9	10603.7	8377.0	5908.1	3615.2	1957.2	1096.9	811.8
7.5°	41255.3	30489.5	22565.7	17061.5	13510.7	10490.3	7500.2	4693.4	2550.7	1382.3	990.1
5°	51404.9	37472.1	27130.9	20193.8	15961.6	12518.9	9025.9	5741.2	3126.0	1664.7	1166.5
2.5°	58529.1	42704.0	30938.0	23023.4	18046.0	14106.2	10214.6	6512.5	3503.9	1860.2	1272.0
0°	62214.5	45984.8	33168.1	24061.1	18904.2	14627.6	10895.6	6973.4	3732.0	2018.0	1368.9
-2.5°	61198.0	45199.1	32893.9	24261.9	19045.0	14672.9	10762.3	7041.3	3824.4	2066.4	1377.4
-5°	56630.2	40921.5	29709.1	22092.4	17515.4	13660.7	10082.9	6710.3	3744.3	2054.3	1377.3
-7.5°	49227.4	35724.6	25968.3	19526.6	15542.9	12187.3	9023.4	5996.7	3413.3	1892.4	1305.0
-10°	40244.2	30013.4	22364.9	17284.2	13679.1	10650.9	7867.0	5203.2	2998.0	1705.7	1226.0
-12.5°	32591.5	24815.8	18791.7	14946.0	11935.7	9301.5	6770.7	4385.9	2503.7	1498.4	1141.8
-15°	25685.8	20458.4	16371.3	13026.9	10240.4	7941.7	5719.2	3574.6	1976.4	1282.6	1053.4
-17.5°	21535.8	17151.8	14029.2	11265.6	8832.5	6669.8	4718.2	2921.8	1640.2	1123.5	979.7
-20°	18079.0	14959.5	12112.8	9633.3	7467.2	5504.8	3701.6	2221.8	1375.1	1040.3	918.6



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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°	15307.5	12887.9	10378.6	8050.7	6078.7	4361.6	2825.1	1627.6	1082.6	955.7	854.1
-25°	12554.8	10759.0	8661.7	6685.1	4800.0	3196.8	1978.3	1313.4	999.0	877.1	786.3
-27.5°	10013.0	8501.1	7062.6	5289.9	3617.9	2292.1	1455.0	1045.2	931.2	823.4	719.5
-30°	7723.4	6556.6	5303.2	3880.9	2576.7	1591.5	1109.6	972.0	871.3	771.8	672.6
-32.5°	5752.6	4743.1	3630.9	2602.8	1694.3	1195.6	1011.9	903.3	812.9	721.6	641.9
-35°	3978.0	3135.6	2257.4	1654.6	1196.0	1050.6	951.0	853.5	756.9	675.1	612.7
-37.5°	2468.8	1860.8	1490.5	1158.3	1072.2	986.4	899.0	800.2	705.2	640.2	586.0
-40°	1566.0	1245.2	1152.6	1072.7	1001.9	932.5	834.4	738.6	670.6	606.9	560.0
-42.5°	1201.7	1129.1	1063.7	1002.2	932.8	846.4	763.6	698.6	636.6	581.4	541.6
-45°	1093.5	1039.5	985.1	913.2	834.4	771.7	717.2	659.0	603.8	561.9	525.6
-47.5°	988.9	932.1	871.6	818.4	764.3	713.4	667.1	619.1	580.0	541.8	490.6
-50°	869.1	826.6	783.6	741.7	699.7	656.7	622.5	592.5	549.9	500.5	446.8
-52.5°	770.3	738.9	705.7	671.7	643.5	615.3	586.4	546.2	501.9	445.7	386.7
-55°	686.1	665.5	644.7	623.2	598.1	562.0	525.7	483.5	432.9	377.9	325.8
-57.5°	629.1	610.9	584.7	556.8	527.4	487.2	443.2	399.6	359.4	312.3	264.6
-60°	551.6	531.2	499.7	464.9	427.2	388.7	355.7	321.6	286.3	247.1	206.5
-62.5°	447.8	420.8	393.0	365.0	334.6	303.2	274.9	246.4	215.4	182.3	154.7
-65°	349.0	326.6	302.2	277.5	251.7	225.0	200.2	177.5	155.8	132.5	109.6
-67.5°	259.7	238.6	217.2	197.5	180.0	160.7	142.6	123.6	110.0	98.3	86.1
-70°	189.7	174.5	159.2	142.9	127.9	115.1	104.8	95.0	84.6	72.6	60.6
-72.5°	135.2	124.9	114.8	104.7	95.3	85.1	74.5	63.9	53.4	43.1	35.6
-75°	85.7	78.9	71.2	63.1	54.7	46.1	40.8	37.2	33.7	30.1	26.7
-77.5°	51.2	46.9	42.9	39.5	36.1	32.5	29.0	26.5	24.7	23.0	21.4
-80°	36.7	33.8	31.0	28.7	26.4	24.3	22.4	21.1	19.9	18.7	17.6
-82.5°	25.6	23.8	22.0	20.7	19.3	17.9	16.4	15.7	15.0	14.4	13.7
-85°	18.9	17.3	15.7	14.7	13.7	12.7	11.7	11.5	11.3	11.1	10.9
-87.5°	13.9	12.6	11.2	10.7	10.1	9.6	9.0	8.9	8.9	8.8	8.8
-90°	4.7	5.1	5.6	5.6	5.6	5.6	5.6	6.1	6.6	7.0	7.5



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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°	7.5	7.5	7.5	7.5	8.0	8.4	8.9	9.3	8.8	8.4	8.0
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.8	7.9
85°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.9	8.1	8.3
82.5°	7.5	7.5	7.5	7.5	7.8	8.0	8.0	8.0	8.2	8.4	8.7
80°	7.5	7.5	7.5	7.6	8.0	8.5	8.7	8.7	8.7	8.8	9.0
77.5°	7.5	7.5	7.5	7.6	8.1	8.5	9.0	9.3	9.2	9.1	9.1
75°	7.6	7.5	7.5	7.7	8.1	8.6	9.0	9.3	9.3	9.3	9.2
72.5°	8.7	8.3	7.9	7.7	8.2	8.6	9.0	9.3	9.3	9.3	9.3
70°	10.3	9.5	9.0	8.6	8.5	8.7	9.1	9.3	9.3	9.3	9.3
67.5°	12.2	11.0	10.1	9.4	9.0	9.0	9.2	9.3	9.3	9.3	9.3
65°	16.2	13.5	11.1	10.2	9.5	9.2	9.3	9.3	9.3	9.3	9.3
62.5°	20.7	16.9	14.0	11.3	9.9	9.4	9.3	9.3	9.3	9.3	9.3
60°	25.4	20.3	16.7	13.8	11.1	9.5	9.3	9.3	9.3	9.3	9.3
57.5°	29.9	23.2	19.1	15.9	13.0	10.4	9.3	9.3	9.3	9.3	9.3
55°	32.4	25.6	21.1	17.4	14.5	11.9	9.8	9.3	9.3	9.3	9.3
52.5°	31.0	26.6	22.6	18.5	15.4	13.2	11.1	9.3	9.3	9.3	9.3
50°	27.1	26.1	23.3	19.3	15.8	13.8	12.2	10.1	9.3	9.3	9.4
47.5°	24.5	25.0	23.3	19.7	16.0	14.4	12.8	11.0	9.3	9.3	9.6
45°	21.5	23.7	23.1	20.1	16.5	14.9	13.3	11.7	9.9	9.4	9.7
42.5°	19.4	22.5	22.7	20.7	17.9	15.5	13.8	12.2	10.4	9.5	9.9
40°	22.1	22.0	22.7	22.2	19.7	16.0	14.3	12.6	10.9	9.8	10.0
37.5°	26.4	24.7	23.4	26.0	22.2	17.8	14.7	12.9	11.5	10.3	10.1
35°	33.4	29.9	29.0	31.3	27.2	19.7	15.0	13.3	12.4	10.9	10.2
32.5°	42.0	39.6	38.9	37.8	33.7	21.8	16.2	14.6	13.4	11.4	10.3
30°	55.9	57.5	50.5	45.7	41.3	27.9	18.9	16.2	14.6	11.9	10.5
27.5°	86.4	80.8	65.0	56.3	48.9	35.9	23.2	18.0	15.9	12.6	10.9
25°	126.9	111.7	87.9	68.4	57.4	56.0	28.0	20.1	17.4	13.6	11.3
22.5°	179.6	149.5	114.3	81.3	87.6	82.3	38.9	24.0	19.0	14.7	11.7
20°	239.8	193.0	150.9	125.7	123.1	108.9	58.1	28.2	20.7	15.8	12.1
17.5°	306.4	266.3	228.9	183.2	160.7	138.4	80.6	32.5	22.5	17.0	12.4
15°	425.2	376.4	313.7	245.7	200.0	170.2	105.6	37.0	24.3	18.2	12.9
12.5°	561.3	492.0	403.1	311.9	240.5	203.7	132.2	41.6	26.2	19.9	13.9
10°	701.3	611.4	495.4	380.3	281.8	238.2	159.6	47.5	30.0	22.0	14.8
7.5°	843.0	732.4	588.9	449.4	323.9	275.0	190.0	56.4	34.2	24.1	15.8
5°	975.4	838.7	667.6	509.1	368.7	313.6	219.5	65.3	38.4	26.1	16.8
2.5°	1065.7	919.4	733.6	563.6	412.6	350.9	246.6	73.9	42.6	28.0	17.8
0°	1150.7	994.1	794.5	613.6	455.1	386.1	270.4	82.1	46.6	29.8	18.7
-2.5°	1166.4	1006.8	803.0	626.3	472.5	399.7	279.5	96.9	56.5	35.1	21.3
-5°	1175.6	1011.7	806.0	634.5	487.8	410.1	284.7	110.7	65.8	40.2	23.7
-7.5°	1129.6	979.2	790.8	635.6	500.8	417.1	286.3	123.2	74.3	44.8	26.0
-10°	1068.0	922.1	751.3	612.2	496.9	416.0	284.7	134.2	81.9	48.8	28.0
-12.5°	1003.3	860.8	710.3	587.4	489.4	408.4	279.5	144.0	88.4	52.2	29.8
-15°	936.5	796.4	669.2	562.3	481.6	399.4	272.4	152.1	94.6	55.4	31.2
-17.5°	871.3	729.8	628.9	537.5	473.9	389.4	264.1	158.1	99.4	58.4	32.7
-20°	808.5	679.2	591.3	514.0	466.5	378.9	255.0	161.9	102.5	60.2	34.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	745.3	644.4	566.6	501.0	455.9	368.1	245.4	163.3	103.9	60.9	35.2
-25°	684.3	610.6	543.6	492.0	440.1	352.2	240.6	162.2	103.4	60.2	35.6
-27.5°	640.8	579.7	521.2	482.0	421.4	337.2	238.3	161.2	101.5	58.2	35.6
-30°	605.7	554.5	506.9	468.1	402.1	315.1	232.7	157.8	99.2	56.9	34.9
-32.5°	580.5	530.8	493.8	445.9	377.4	291.6	219.1	151.6	94.8	56.1	34.0
-35°	560.0	514.8	478.8	423.7	349.3	271.0	201.4	142.7	88.5	54.4	32.7
-37.5°	538.2	502.1	454.7	397.0	320.0	248.1	183.7	128.6	80.1	51.9	30.7
-40°	523.8	483.6	431.7	364.1	291.8	223.0	164.0	114.5	74.7	48.6	28.1
-42.5°	507.4	456.5	397.0	329.6	262.1	199.0	142.9	99.3	68.6	44.9	24.8
-45°	475.9	421.8	356.1	292.8	230.5	172.9	125.0	84.3	61.4	40.4	22.0
-47.5°	438.0	374.7	313.2	253.5	199.1	146.6	106.0	75.3	53.5	35.1	20.1
-50°	384.4	325.4	268.1	215.5	164.9	124.7	88.3	65.6	45.8	28.3	17.9
-52.5°	329.4	274.2	224.4	177.2	137.2	101.6	76.3	55.1	37.5	23.8	15.4
-55°	273.1	225.7	181.9	143.8	110.0	84.8	63.4	45.2	28.8	20.4	12.9
-57.5°	220.8	178.9	144.6	112.6	88.8	69.3	50.9	34.8	23.8	16.8	13.1
-60°	169.6	139.1	109.2	89.6	71.9	54.4	38.5	26.0	19.9	14.0	13.1
-62.5°	127.1	102.6	87.1	71.2	55.4	40.2	27.1	21.7	15.9	13.8	13.1
-65°	95.9	81.9	67.5	53.2	39.2	28.1	22.5	17.4	14.6	13.5	12.9
-67.5°	73.6	60.4	47.6	34.9	28.0	22.8	17.9	15.3	13.9	13.1	12.4
-70°	49.0	37.8	31.4	26.6	21.9	17.9	15.8	14.1	13.1	12.5	11.9
-72.5°	31.8	27.9	23.8	19.9	18.1	16.2	14.3	12.9	12.4	11.9	11.3
-75°	23.3	21.2	19.6	18.0	16.3	14.5	13.1	12.2	11.7	11.3	10.8
-77.5°	19.9	18.5	17.3	15.8	14.2	12.9	12.0	11.4	11.0	10.6	10.2
-80°	16.4	15.2	14.0	12.8	11.8	11.2	10.9	10.6	10.3	10.0	9.7
-82.5°	12.7	11.9	11.2	10.7	10.5	10.2	10.0	9.8	9.6	9.3	9.2
-85°	10.5	10.1	9.8	9.6	9.4	9.3	9.3	9.3	9.2	9.0	8.8
-87.5°	8.7	8.7	8.6	8.5	8.7	8.9	9.1	9.3	9.0	8.7	8.4
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.5	8.0	8.4	8.9	9.3	8.4	7.5
87.5°	8.0	7.9	7.8	7.7	7.7	7.6	7.5
85°	8.4	8.3	8.1	8.0	7.8	7.7	7.5
82.5°	8.9	8.7	8.4	8.2	8.0	7.7	7.5
80°	9.3	9.1	8.7	8.4	8.1	7.8	7.5
77.5°	9.3	9.3	9.1	8.7	8.3	7.9	7.5
75°	9.3	9.3	9.3	8.9	8.4	8.0	7.5
72.5°	9.3	9.3	9.3	9.1	8.6	8.0	7.5
70°	9.3	9.3	9.3	9.3	8.7	8.1	7.5
67.5°	9.3	9.3	9.3	9.3	8.9	8.2	7.5
65°	9.3	9.3	9.3	9.3	9.0	8.3	7.5
62.5°	9.3	9.3	9.3	9.3	9.2	8.3	7.5
60°	9.3	9.3	9.3	9.3	9.3	8.4	7.5
57.5°	9.3	9.3	9.3	9.3	9.3	8.5	7.5
55°	9.3	9.3	9.3	9.3	9.3	8.5	7.5
52.5°	9.3	9.3	9.3	9.3	9.3	8.6	7.5
50°	9.3	9.3	9.3	9.3	9.3	8.7	7.5
47.5°	9.3	9.3	9.3	9.3	9.3	8.7	7.5
45°	9.5	9.3	9.3	9.3	9.3	8.8	7.5
42.5°	9.7	9.3	9.3	9.3	9.3	8.8	7.5
40°	9.9	9.3	9.3	9.3	9.3	8.9	7.5
37.5°	10.1	9.3	9.3	9.3	9.3	8.9	7.5
35°	10.4	9.4	9.3	9.3	9.3	9.0	7.5
32.5°	10.6	9.6	9.3	9.3	9.3	9.0	7.5
30°	10.7	9.8	9.3	9.3	9.3	9.1	7.5
27.5°	10.8	10.0	9.3	9.3	9.3	9.1	7.5
25°	10.9	10.3	9.3	9.3	9.3	9.1	7.5
22.5°	11.0	10.5	9.3	9.3	9.3	9.2	7.5
20°	11.2	10.6	9.3	9.3	9.3	9.2	7.5
17.5°	11.3	10.8	9.3	9.3	9.3	9.2	7.5
15°	11.5	10.9	9.3	9.3	9.3	9.2	7.5
12.5°	11.7	11.0	9.3	9.3	9.3	9.3	7.5
10°	12.0	11.1	9.3	9.3	9.3	9.3	7.5
7.5°	12.3	11.1	9.3	9.3	9.3	9.3	7.5
5°	12.6	11.2	9.3	9.3	9.3	9.3	7.5
2.5°	12.8	11.2	9.3	9.3	9.3	9.3	7.5
0°	13.1	11.2	9.3	9.3	9.3	9.3	7.5
-2.5°	14.3	11.4	9.3	9.3	9.3	9.3	7.5
-5°	15.5	11.6	9.3	9.3	9.3	9.3	7.5
-7.5°	16.6	11.7	9.3	9.3	9.3	9.3	7.5
-10°	17.5	11.8	9.3	9.3	9.3	9.3	7.5
-12.5°	18.3	11.9	9.3	9.3	9.3	9.3	7.5
-15°	18.9	11.9	9.3	9.3	9.3	9.2	7.5
-17.5°	19.2	11.9	9.3	9.3	9.3	9.2	7.5
-20°	19.5	11.8	9.3	9.3	9.3	9.2	7.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.9	11.6	9.3	9.3	9.3	9.2	7.5
-25°	20.0	11.6	9.3	9.3	9.3	9.2	7.5
-27.5°	19.7	11.6	9.3	9.3	9.3	9.1	7.5
-30°	19.0	11.4	9.3	9.3	9.3	9.1	7.5
-32.5°	17.9	11.1	9.5	9.3	9.3	9.1	7.5
-35°	17.2	10.7	9.6	9.3	9.3	9.1	7.5
-37.5°	16.6	10.3	9.7	9.3	9.3	9.0	7.5
-40°	15.8	10.5	9.9	9.3	9.3	9.0	7.5
-42.5°	14.8	10.6	10.0	9.3	9.3	9.0	7.5
-45°	13.5	10.8	10.0	9.4	9.3	9.0	7.5
-47.5°	11.9	10.9	10.1	9.4	9.3	8.9	7.5
-50°	11.8	11.1	10.1	9.4	9.3	8.9	7.5
-52.5°	12.0	11.2	10.1	9.5	9.3	8.9	7.5
-55°	12.1	11.2	10.1	9.5	9.3	8.8	7.5
-57.5°	12.2	11.1	10.1	9.5	9.3	8.8	7.5
-60°	12.3	11.0	10.0	9.4	9.3	8.8	7.5
-62.5°	12.1	10.8	9.9	9.4	9.3	8.8	7.5
-65°	11.8	10.6	9.8	9.4	9.3	8.7	7.5
-67.5°	11.5	10.4	9.7	9.4	9.3	8.7	7.5
-70°	11.1	10.2	9.6	9.3	9.3	8.7	7.5
-72.5°	10.7	9.9	9.5	9.3	9.3	8.6	7.5
-75°	10.3	9.7	9.3	9.2	9.3	8.6	7.5
-77.5°	9.8	9.4	9.2	9.2	9.3	8.6	7.5
-80°	9.4	9.1	9.0	9.1	9.3	8.5	7.5
-82.5°	8.9	8.8	8.9	9.0	9.3	8.5	7.5
-85°	8.4	8.5	8.7	9.0	9.3	8.5	7.5
-87.5°	8.0	8.2	8.6	8.9	9.3	8.4	7.5
-90°	7.5	7.5	7.5	7.5	7.5	7.5	7.5

(END OF REPORT)