

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: P1305618 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-1S-CV2-A**

Issue Date: 2/3/2026

Test Information

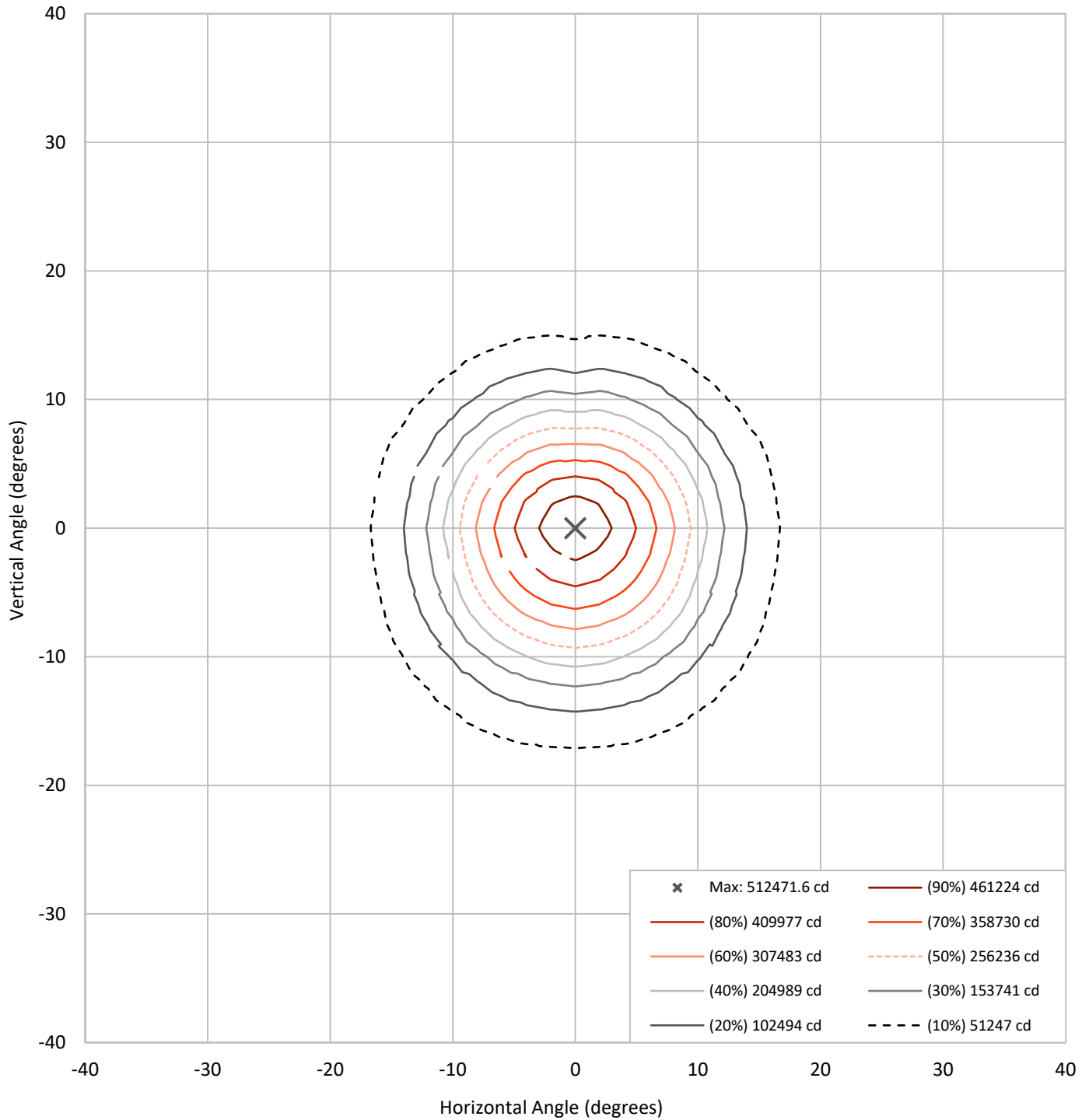
Test Method: LM-79-08
Report Number: P1305618 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-80-1S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 1S 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:	59083.6 lumens	Max Intensity:	512471.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	27215.3 lumens	Field Lumens:	50025.8 lumens
Beam Efficiency:	46.1%	Field Efficiency:	84.7%
Input Watts (W):	677		
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





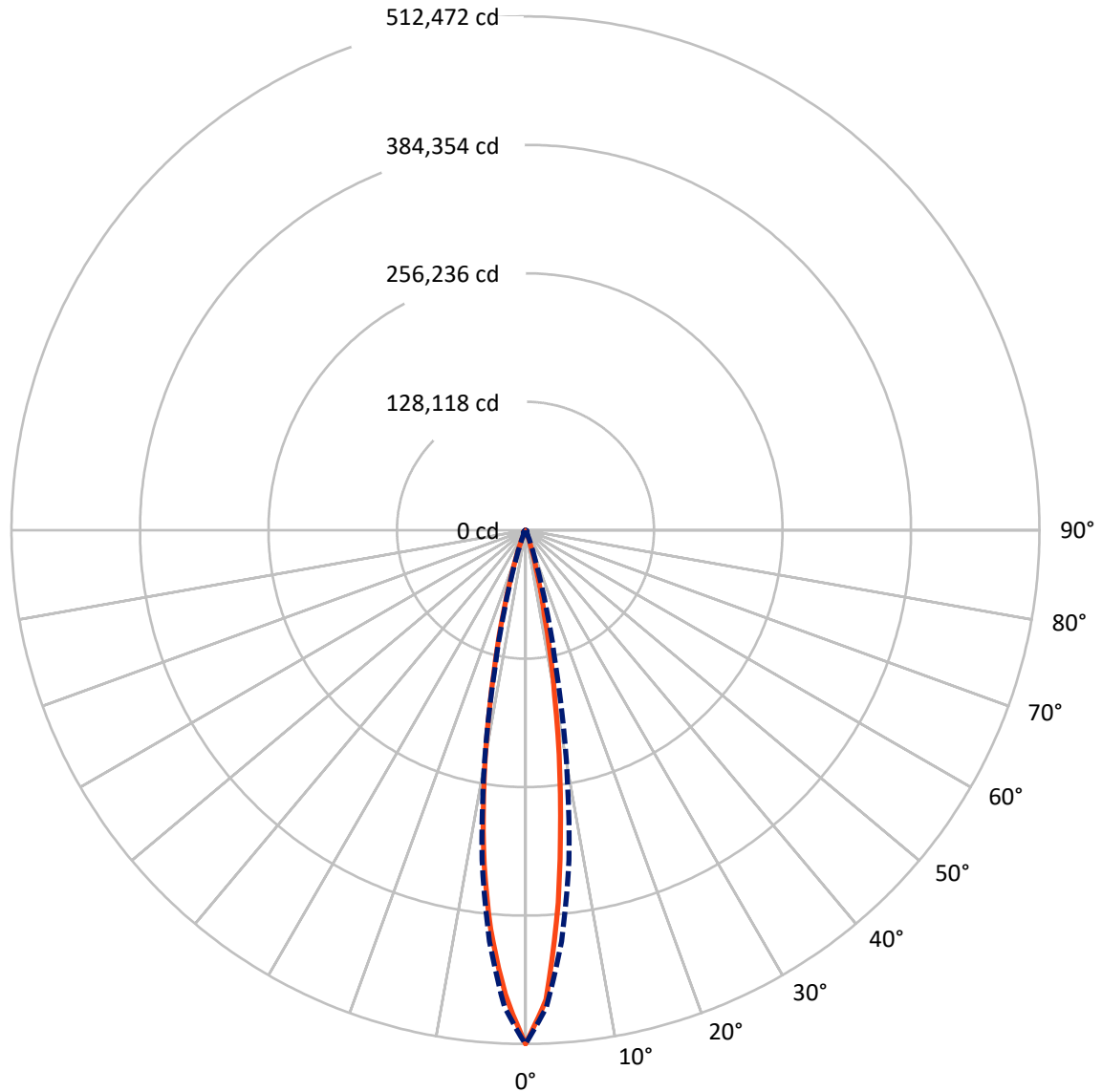
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Lumen Table

90	0.1	0.3		0.5		0.4		0.5		0.4		0.5		0.3		0.1
80	0.1	0.3		0.5		0.4		0.5		0.4		0.5		0.3		0.1
70	0.1	0.1	0.1	0.4	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.1	0.1
60		0.1	0.3	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.1	
50	0.2	0.1	0.3	0.4	0.5	0.6	0.9	1.0	1.0	0.9	0.6	0.5	0.4	0.3	0.1	0.2
40		0.2	0.7	1.3	2.8	4.5	4.8	5.5	5.5	4.8	4.5	2.8	1.3	0.7	0.2	
30	0.2	0.3	2.1	7.2	19.1	23.2	30.7	57.2	57.2	30.7	23.2	19.1	7.2	2.1	0.3	0.2
20		0.7	4.6	18.6	40.7	57.1	390.1	1568.9	1568.9	390.1	57.1	40.7	18.6	4.6	0.7	
10	0.2	1.3	7.8	36.0	61.4	142.3	2038.6	8797.7	8797.7	2038.6	142.3	61.4	36.0	7.8	1.3	0.2
0		2.2	10.3	42.4	71.0	141.3	2211.6	9415.9	9415.9	2211.6	141.3	71.0	42.4	10.3	2.2	
-10	0.4	2.5	10.7	39.8	75.5	88.7	641.5	2429.1	2429.1	641.5	88.7	75.5	39.8	10.7	2.5	0.4
-20		2.4	9.3	22.1	57.6	71.4	87.1	161.1	161.1	87.1	71.4	57.6	22.1	9.3	2.4	
-30	0.4	2.0	7.0	12.9	32.1	60.9	72.8	75.5	75.5	72.8	60.9	32.1	12.9	7.0	2.0	0.4
-40		1.3	4.8	10.2	16.4	29.8	54.4	75.1	75.1	54.4	29.8	16.4	10.2	4.8	1.3	
-50	0.2	0.6	2.7	6.9	12.6	17.9	22.3	24.9	24.9	22.3	17.9	12.6	6.9	2.7	0.6	0.2
-60		0.3	1.0	3.2	6.7	10.9	15.3	18.0	18.0	15.3	10.9	6.7	3.2	1.0	0.3	
-70	0.2	0.6	2.7	6.9	12.6	17.9	22.3	24.9	24.9	22.3	17.9	12.6	6.9	2.7	0.6	0.2
-80		0.3	1.0	3.2	6.7	10.9	15.3	18.0	18.0	15.3	10.9	6.7	3.2	1.0	0.3	
-90	0.2	0.8		2.4		5.9		8.8		5.9		2.4		0.8		0.2

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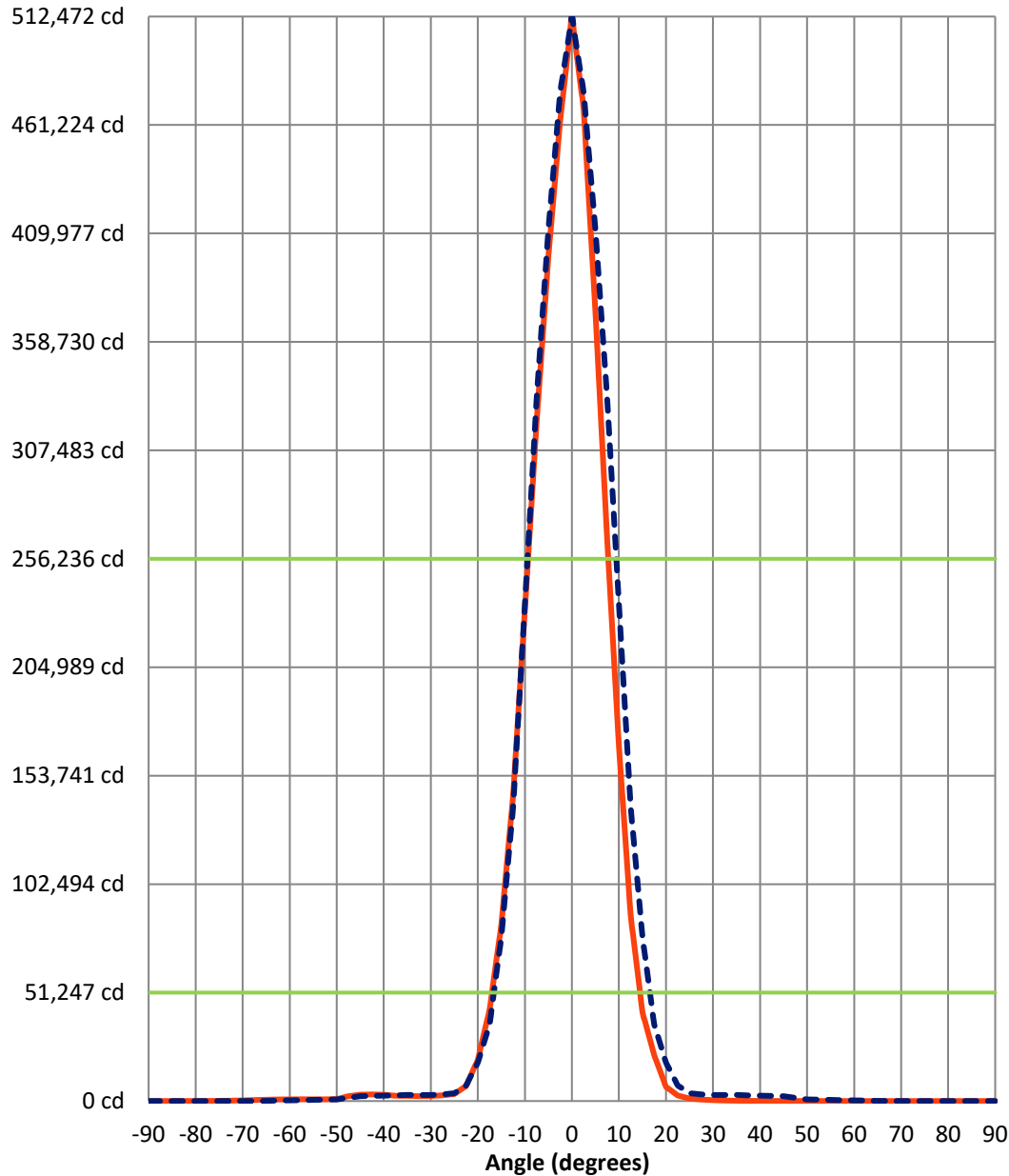
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 18.9°
V Angle: 17.1°
Lumens: 27215.3
Efficiency: 46.1%

Field:
H Angle: 33.2°
V Angle: 31.5°
Lumens: 50025.8
Efficiency: 84.7%

Spill:
Lumens: 9057.8
Efficiency: 15.3%

— 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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.6	7.0	7.3	7.6
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0
85°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0
82.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7	5.5	5.4
80°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.1	5.9	5.9	5.9
77.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.1	6.2	6.3
75°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
70°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
67.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.5	6.5
65°	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.3	6.6	6.7	6.6
62.5°	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6.5	6.9	6.9	6.6
60°	6.3	6.3	6.3	6.3	6.3	6.6	6.5	6.9	7.2	7.0	6.7
57.5°	6.3	6.3	6.3	6.3	6.4	6.7	6.8	7.2	7.3	7.0	6.8
55°	6.3	6.3	6.3	6.3	6.6	6.8	7.0	7.6	7.4	7.1	6.8
52.5°	6.3	6.3	6.3	6.3	6.7	7.0	7.3	7.6	7.5	7.2	6.9
50°	6.3	6.3	6.3	6.3	6.8	7.1	7.5	7.6	7.5	7.3	7.7
47.5°	6.3	6.3	6.3	6.3	7.0	7.2	7.6	7.6	7.6	7.3	8.5
45°	6.3	6.3	6.3	6.4	7.1	7.4	7.6	7.6	7.6	7.9	9.1
42.5°	6.3	6.3	6.3	6.6	7.3	7.5	7.6	7.6	7.7	8.3	9.9
40°	6.3	6.3	6.3	6.7	7.4	7.5	7.6	7.7	7.9	8.6	10.6
37.5°	6.3	6.3	6.3	6.8	7.5	7.6	7.6	7.9	8.3	9.1	11.2
35°	6.3	6.3	6.3	6.9	7.5	7.6	7.6	8.0	8.6	10.0	11.6
32.5°	6.3	6.3	6.3	7.0	7.6	7.6	7.6	8.2	8.9	11.1	13.0
30°	6.3	6.3	6.3	7.1	7.6	7.6	7.8	8.4	9.3	12.3	14.6
27.5°	6.3	6.3	6.3	7.2	7.6	7.6	7.9	8.6	9.8	13.6	16.6
25°	6.3	6.3	6.3	7.2	7.6	7.6	8.0	8.9	10.9	15.2	18.7
22.5°	6.3	6.3	6.3	7.3	7.6	7.6	8.2	9.2	11.9	16.8	22.0
20°	6.3	6.3	6.3	7.4	7.6	7.7	8.3	9.4	13.0	18.6	25.2
17.5°	6.3	6.3	6.3	7.4	7.6	7.8	8.6	9.6	14.2	20.5	28.2
15°	6.3	6.3	6.3	7.5	7.6	7.9	8.8	9.9	15.3	22.4	31.1
12.5°	6.3	6.3	6.3	7.5	7.6	8.1	9.1	10.4	16.5	24.3	33.9
10°	6.3	6.3	6.3	7.5	7.6	8.2	9.3	10.8	17.7	26.6	37.9
7.5°	6.3	6.3	6.3	7.6	7.6	8.4	9.5	11.3	18.8	28.9	45.0
5°	6.3	6.3	6.3	7.6	7.6	8.5	9.7	11.8	19.8	31.2	52.4
2.5°	6.3	6.3	6.3	7.6	7.6	8.7	9.9	12.2	20.6	33.3	59.7
0°	6.3	6.3	6.3	7.6	7.6	8.8	10.1	12.6	21.4	35.3	66.7
-2.5°	6.3	6.3	6.4	7.6	7.7	8.9	10.8	15.2	27.0	45.8	84.5
-5°	6.3	6.3	6.4	7.6	7.8	9.1	11.4	17.6	32.4	55.8	101.3
-7.5°	6.3	6.3	6.5	7.6	7.9	9.2	12.0	19.8	37.3	65.1	116.6
-10°	6.3	6.3	6.5	7.6	8.0	9.3	12.5	21.8	41.7	73.4	129.9
-12.5°	6.3	6.3	6.6	7.5	8.1	9.4	12.9	23.5	45.4	80.7	140.4
-15°	6.3	6.3	6.6	7.5	8.1	9.4	13.2	24.7	49.4	88.3	148.6
-17.5°	6.3	6.3	6.7	7.5	8.2	9.5	13.4	26.5	54.0	94.7	154.8
-20°	6.3	6.3	6.7	7.5	8.2	9.5	13.8	28.6	57.4	99.6	158.9



REPORT NUMBER: P1305618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.3	6.3	6.7	7.5	8.2	9.6	14.7	30.0	59.6	103.0	160.7
-25°	6.3	6.3	6.7	7.5	8.2	9.8	15.1	30.4	60.5	104.8	160.2
-27.5°	6.3	6.3	6.8	7.5	8.2	10.1	15.2	30.0	60.0	105.3	161.6
-30°	6.3	6.3	6.8	7.5	8.2	10.3	14.9	28.6	59.1	104.5	161.0
-32.5°	6.3	6.3	6.8	7.5	8.2	10.4	14.2	27.9	57.5	101.8	158.1
-35°	6.3	6.3	6.8	7.5	8.3	10.4	14.0	27.0	54.4	97.1	152.9
-37.5°	6.3	6.3	6.8	7.5	8.3	10.4	14.0	25.5	49.8	90.2	139.4
-40°	6.3	6.3	6.7	7.6	8.2	10.4	13.9	23.3	43.8	83.2	124.9
-42.5°	6.3	6.3	6.7	7.6	8.2	10.3	13.7	20.4	39.3	72.3	109.2
-45°	6.3	6.3	6.7	7.6	8.3	10.2	13.3	18.2	35.1	60.3	93.1
-47.5°	6.3	6.3	6.6	7.7	8.3	10.0	12.8	17.6	30.1	47.7	78.9
-50°	6.3	6.3	6.6	7.6	8.3	9.8	12.5	16.8	23.6	40.4	63.9
-52.5°	6.3	6.3	6.5	7.5	8.3	9.5	12.1	15.8	20.6	32.7	49.0
-55°	6.3	6.3	6.5	7.4	8.2	9.4	11.6	14.7	19.0	24.7	40.0
-57.5°	6.3	6.3	6.4	7.3	8.1	9.2	11.1	14.0	17.4	21.4	30.6
-60°	6.3	6.3	6.3	7.1	8.0	9.0	10.5	13.1	15.8	19.5	23.3
-62.5°	6.3	6.3	6.3	7.0	7.9	8.8	10.2	12.3	14.8	17.5	21.1
-65°	6.3	6.3	6.3	6.9	7.7	8.5	9.7	11.5	13.8	16.2	18.8
-67.5°	6.3	6.3	6.3	6.7	7.5	8.3	9.3	10.8	12.7	15.0	17.2
-70°	6.3	6.3	6.3	6.6	7.3	8.0	8.8	10.1	11.8	13.7	15.8
-72.5°	6.3	6.3	6.3	6.6	7.1	7.8	8.5	9.4	10.9	12.6	14.4
-75°	6.3	6.3	6.3	6.5	6.9	7.6	8.2	9.0	10.0	11.4	13.0
-77.5°	6.3	6.3	6.3	6.5	6.8	7.3	7.9	8.6	9.4	10.3	11.5
-80°	6.3	6.3	6.3	6.5	6.7	7.1	7.6	8.2	8.8	9.6	10.4
-82.5°	6.3	6.3	6.3	6.4	6.6	6.9	7.3	7.8	8.2	8.8	9.4
-85°	6.3	6.3	6.3	6.4	6.5	6.7	7.0	7.4	7.8	8.2	8.6
-87.5°	6.3	6.3	6.3	6.3	6.4	6.5	6.6	7.0	7.4	7.7	8.1
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0



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 CATALOG NUMBER: EPH-08-640L-40-80-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
87.5°	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.8	3.8	3.8	3.8
85°	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.8	3.8	3.8	3.8
82.5°	5.4	5.3	5.2	5.0	4.7	4.4	4.1	4.0	4.0	4.0	3.9
80°	5.9	5.7	5.4	5.1	4.9	4.8	4.7	4.8	4.7	4.5	4.2
77.5°	6.0	5.7	5.4	5.1	5.0	5.1	5.2	5.0	4.8	4.5	4.2
75°	6.1	5.8	5.6	5.6	5.7	5.6	5.5	5.1	4.9	4.8	4.8
72.5°	6.2	6.0	6.1	6.3	6.1	5.8	5.5	5.2	5.5	6.1	6.6
70°	6.2	6.3	6.3	6.3	6.2	6.0	6.3	7.1	8.1	9.5	11.7
67.5°	6.3	6.3	6.3	6.3	6.3	6.7	7.6	12.3	17.8	20.2	21.1
65°	6.3	6.3	6.3	6.3	6.3	9.8	14.9	21.4	28.1	29.3	28.5
62.5°	6.3	6.3	6.3	7.2	10.1	14.9	20.9	27.8	35.7	35.9	31.4
60°	6.4	6.3	7.5	10.4	13.8	18.4	25.3	30.9	36.7	39.2	30.1
57.5°	6.5	7.3	9.9	13.2	16.9	20.4	24.5	29.8	32.6	33.1	24.4
55°	7.0	8.9	12.0	15.7	18.7	18.5	21.5	23.9	24.9	23.6	16.9
52.5°	8.3	10.5	14.1	17.6	18.8	17.4	16.8	18.3	17.7	15.2	12.4
50°	9.4	12.3	16.0	19.0	18.8	16.0	13.5	14.3	13.7	11.9	10.1
47.5°	10.7	13.9	18.3	20.3	18.0	16.1	13.9	13.2	12.5	12.8	11.4
45°	11.8	15.5	20.4	20.0	18.5	17.8	16.0	13.7	16.0	16.4	15.9
42.5°	12.8	16.9	20.3	19.9	21.0	20.5	19.0	20.0	21.2	22.2	22.7
40°	13.7	17.9	20.6	23.6	24.2	24.0	26.1	27.9	28.0	29.8	31.3
37.5°	14.4	18.9	23.2	30.2	27.9	30.2	34.3	37.8	39.9	38.3	42.9
35°	14.7	20.6	31.4	38.8	36.7	38.6	45.0	52.1	59.1	55.1	62.9
32.5°	15.9	22.9	41.9	48.5	55.6	56.0	57.1	76.9	92.0	98.7	102.5
30°	18.7	32.5	53.6	59.8	82.2	86.8	86.0	110.5	138.3	204.6	255.4
27.5°	22.6	44.2	64.4	83.2	114.9	123.0	134.8	163.0	248.3	374.3	516.9
25°	26.4	59.5	76.3	114.8	150.1	166.9	187.1	229.6	402.1	684.5	787.9
22.5°	34.6	76.6	95.4	150.8	189.1	212.1	248.7	352.4	590.7	1024.6	1052.5
20°	47.7	92.5	123.3	184.9	231.6	256.9	310.1	479.8	800.4	1116.6	1239.6
17.5°	61.6	110.1	153.9	219.3	277.6	313.6	379.1	600.9	963.7	1235.5	1380.5
15°	75.8	129.0	182.1	257.4	327.9	384.6	515.4	764.6	1077.0	1376.0	1584.5
12.5°	90.0	148.8	208.0	297.9	381.8	455.6	680.2	1035.2	1324.4	1564.9	1840.3
10°	104.0	169.0	231.6	339.8	438.1	525.7	861.6	1326.6	1611.6	1823.7	2065.1
7.5°	137.8	200.0	257.9	381.7	495.2	594.4	1051.1	1628.4	1872.6	2045.4	2227.2
5°	176.0	241.5	308.4	444.1	557.4	660.0	1235.5	1928.3	2112.2	2237.5	2350.7
2.5°	213.8	281.5	357.8	506.2	619.3	720.5	1391.0	2123.5	2281.1	2400.4	2490.6
0°	249.3	319.8	405.4	564.0	677.3	776.8	1524.6	2288.8	2431.1	2550.7	2659.0
-2.5°	269.1	350.8	441.1	586.1	683.9	780.3	1420.5	2232.4	2444.8	2604.3	2766.0
-5°	284.7	379.3	474.1	604.7	688.6	780.6	1298.7	2135.2	2461.1	2659.5	2857.0
-7.5°	295.7	404.8	504.2	619.9	694.2	783.7	1292.1	2169.7	2559.4	2739.1	2932.8
-10°	300.5	414.3	510.4	623.0	700.9	787.1	1276.0	2153.7	2654.1	2822.0	2995.9
-12.5°	291.2	409.7	508.7	622.0	706.5	786.8	1210.7	2081.6	2748.6	2912.8	3027.0
-15°	280.3	403.0	502.6	616.7	711.3	782.8	1089.5	1950.0	2765.6	2871.0	2983.5
-17.5°	268.7	394.4	491.9	607.0	715.4	774.9	897.9	1617.9	2480.5	2733.5	2912.3
-20°	257.0	383.9	476.1	593.0	715.9	748.9	811.6	1298.5	2025.4	2535.6	2771.3



REPORT NUMBER: P1305618 (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°	245.7	371.6	458.2	573.8	668.5	709.9	755.7	1002.3	1550.5	2281.1	2522.2
-25°	240.6	352.9	441.8	533.9	620.0	669.0	695.3	762.8	1160.1	1800.6	2245.9
-27.5°	238.7	336.7	417.2	495.3	578.2	624.7	645.2	695.0	910.5	1337.4	1938.9
-30°	233.9	312.0	391.3	460.4	536.5	581.7	598.4	642.3	716.0	1025.4	1461.7
-32.5°	219.9	286.3	362.6	430.6	496.7	548.7	571.2	611.1	664.1	758.6	1071.6
-35°	202.4	264.6	332.8	399.7	460.4	517.1	556.6	585.5	621.5	669.3	822.9
-37.5°	186.9	241.8	302.8	367.4	425.9	484.2	540.2	566.6	594.9	631.3	695.7
-40°	169.9	218.0	275.7	334.6	391.9	448.7	503.0	550.5	572.9	610.5	654.7
-42.5°	151.7	197.7	248.8	301.8	356.5	410.1	463.9	514.3	562.9	592.6	628.0
-45°	133.3	176.1	221.8	271.3	320.2	370.5	420.7	472.7	532.6	584.5	610.4
-47.5°	113.8	153.3	196.4	240.2	285.4	330.8	376.6	432.5	492.4	548.6	603.0
-50°	94.2	130.7	170.2	211.4	251.7	292.5	334.2	392.6	450.5	505.2	557.2
-52.5°	76.8	106.9	144.4	183.4	220.3	256.5	299.4	352.7	407.9	462.0	511.5
-55°	58.6	86.0	117.2	153.9	190.8	223.6	265.1	313.7	363.7	415.7	464.3
-57.5°	45.1	65.3	92.0	122.3	157.5	194.0	234.0	274.5	320.1	367.3	410.2
-60°	34.3	48.2	68.0	93.4	121.1	157.3	200.7	240.8	279.1	316.7	356.9
-62.5°	24.6	35.7	48.8	65.8	89.6	117.7	154.4	195.6	240.0	272.6	304.4
-65°	22.2	25.4	34.5	46.6	59.1	82.3	109.9	140.9	178.2	211.4	245.3
-67.5°	19.6	22.7	25.7	30.4	41.5	53.8	66.8	91.5	118.6	141.6	165.5
-70°	17.8	19.9	22.6	25.4	28.2	33.7	44.7	56.1	67.2	80.1	99.5
-72.5°	16.1	17.8	19.8	22.1	24.6	27.4	30.4	33.7	40.2	48.5	56.5
-75°	14.3	15.5	17.0	18.8	20.8	23.0	25.3	27.9	30.2	32.3	34.4
-77.5°	12.5	13.4	14.5	15.6	16.8	18.4	20.1	22.0	23.8	25.4	26.9
-80°	10.9	11.3	12.0	12.7	13.7	14.7	15.7	16.7	17.6	18.7	20.0
-82.5°	9.6	9.8	10.0	10.3	10.9	11.6	12.4	13.2	13.7	14.3	14.8
-85°	8.4	8.2	8.2	8.2	8.7	9.3	9.8	10.4	10.6	10.8	11.0
-87.5°	8.0	7.9	7.8	7.6	7.8	8.0	8.2	8.4	8.5	8.5	8.6
-90°	5.0	5.0	5.0	5.0	4.7	4.4	4.1	3.8	3.8	3.8	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°	7.6	7.9	8.2	8.5	8.8	9.4	10.0	10.7	11.3	16.0	20.7
87.5°	3.8	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.3	1.3	1.3
85°	3.8	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.3	1.3	1.3
82.5°	3.8	3.5	3.2	2.9	2.5	2.2	1.9	1.6	1.3	1.3	1.3
80°	3.8	3.5	3.2	2.9	2.5	2.4	2.4	2.3	2.3	2.1	1.9
77.5°	4.0	3.8	3.6	3.4	3.2	3.1	3.0	2.8	2.5	2.2	1.9
75°	4.9	4.9	4.8	4.5	4.0	3.6	3.2	2.9	2.6	2.5	2.4
72.5°	6.9	6.8	6.4	6.2	5.6	5.2	5.1	4.9	4.5	4.6	4.7
70°	12.9	13.2	12.6	11.4	9.7	8.5	8.0	7.2	6.3	6.2	6.6
67.5°	20.3	18.7	17.2	15.5	13.1	11.3	10.3	9.4	8.5	8.3	8.5
65°	25.6	20.3	17.4	15.3	13.7	12.2	11.0	9.8	8.6	7.9	7.8
62.5°	25.6	18.3	14.8	13.1	11.9	10.9	9.3	7.9	6.6	5.8	5.9
60°	22.0	15.1	11.2	9.7	8.5	7.6	6.8	6.0	5.4	5.0	5.1
57.5°	16.8	10.9	7.6	7.4	7.1	6.6	6.2	6.0	5.5	5.0	5.3
55°	11.7	9.1	7.7	7.8	7.9	7.8	7.3	6.7	6.2	5.8	6.1
52.5°	9.4	9.1	9.5	9.7	9.0	8.2	7.6	7.5	7.6	7.8	8.1
50°	9.9	10.3	10.5	9.9	9.5	9.1	8.7	9.1	9.7	10.2	10.6
47.5°	11.5	12.0	12.4	11.2	11.3	12.0	11.5	11.8	14.1	15.9	17.2
45°	15.1	16.9	17.2	17.5	17.3	19.0	20.0	20.9	25.7	27.5	27.4
42.5°	23.3	26.0	27.8	29.6	28.3	33.4	40.6	45.6	44.4	42.6	43.2
40°	35.1	40.2	47.5	51.4	55.8	61.5	63.6	55.1	53.8	60.7	61.3
37.5°	53.3	67.2	82.7	94.5	96.5	93.9	90.9	89.6	91.5	96.0	102.9
35°	87.7	120.4	134.6	142.0	146.6	132.8	127.6	132.6	128.2	140.9	145.3
32.5°	155.5	197.5	209.8	215.4	226.8	212.8	181.9	218.4	204.6	202.6	216.7
30°	246.4	305.2	355.7	359.4	351.3	349.1	366.8	371.6	355.0	354.9	410.3
27.5°	472.0	485.4	574.7	615.1	514.0	521.8	570.0	544.3	604.2	661.9	707.6
25°	747.4	758.5	914.7	890.8	783.8	814.2	842.5	836.9	906.3	975.8	1054.8
22.5°	1000.6	1046.0	1174.3	1141.1	1093.4	1106.5	1132.4	1183.8	1277.1	1418.3	1786.4
20°	1202.6	1232.1	1294.4	1322.8	1325.5	1351.3	1434.0	1575.6	1866.1	2819.2	3969.8
17.5°	1397.3	1351.7	1426.6	1475.7	1528.8	1623.5	1815.6	2395.5	3796.7	6685.5	9516.4
15°	1680.1	1652.0	1607.9	1675.0	1822.3	2016.0	2464.8	4585.2	9345.2	14761.9	20393.5
12.5°	1988.1	1951.0	1890.2	1946.8	2170.5	2515.4	4625.3	9998.6	17607.7	27318.5	46234.3
10°	2233.7	2217.1	2179.2	2299.4	2591.2	3630.9	7368.0	15822.9	27137.1	49663.7	77200.4
7.5°	2384.0	2376.3	2408.7	2605.5	3003.1	5302.7	12044.8	23817.6	43699.3	74972.3	121198.4
5°	2548.2	2536.4	2588.5	2827.2	3297.5	6374.4	15697.9	30999.4	60608.0	103875.2	171005.6
2.5°	2724.4	2697.3	2750.9	3023.0	3528.0	6612.2	16518.0	33150.3	70645.3	126155.2	216096.3
0°	2902.0	2846.6	2875.5	3147.5	3700.2	7391.5	18217.5	36251.2	77741.0	139045.2	234703.4
-2.5°	2916.5	2822.5	2851.3	3102.7	3631.9	6364.1	15816.7	33394.0	73886.9	129373.9	214934.2
-5°	2941.0	2818.5	2810.4	3030.7	3534.6	5806.1	13418.8	30541.3	65279.8	113847.6	187989.6
-7.5°	2986.6	2841.9	2772.2	2935.1	3380.3	5047.3	10947.7	25424.6	52811.0	92854.9	146582.3
-10°	3061.4	2905.9	2792.0	2863.5	3185.5	4116.4	7243.6	18479.2	39975.5	70007.5	106425.5
-12.5°	3153.7	3081.9	2910.9	2812.0	2988.8	3493.2	5693.6	13806.4	28086.4	44290.7	70857.8
-15°	3196.5	3223.7	3100.2	2903.4	2915.0	3227.0	3982.0	7559.5	17630.4	29404.2	42509.9
-17.5°	3138.3	3266.8	3124.1	2898.2	2806.7	2991.6	3344.7	4656.3	8147.0	15709.4	23395.9
-20°	2968.4	3010.3	2981.2	2845.6	2749.6	2759.7	2934.5	3274.6	3955.5	6431.1	9151.8



REPORT NUMBER: P1305618 (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°	2653.4	2680.5	2672.9	2773.2	2665.5	2617.1	2655.1	2787.1	2998.4	3319.6	4219.9
-25°	2385.1	2373.6	2435.7	2603.5	2630.0	2513.0	2482.4	2492.0	2612.2	2754.7	2952.0
-27.5°	2129.0	2206.5	2342.9	2513.2	2587.2	2508.5	2409.6	2344.9	2402.7	2447.7	2536.3
-30°	1914.8	2115.0	2258.0	2413.1	2524.4	2512.0	2415.6	2384.0	2356.7	2324.9	2347.3
-32.5°	1573.7	2004.6	2152.0	2278.8	2413.8	2468.4	2467.6	2454.3	2466.6	2440.7	2382.9
-35°	1223.1	1687.4	2070.5	2141.0	2228.2	2357.0	2455.8	2471.5	2486.3	2485.6	2471.7
-37.5°	877.4	1309.1	1697.4	1982.8	2085.3	2179.7	2363.9	2462.2	2494.3	2545.2	2564.0
-40°	719.5	849.0	1237.2	1586.3	1821.8	2107.8	2299.2	2477.2	2660.3	2767.4	2828.0
-42.5°	672.2	726.0	783.0	1051.5	1387.3	1701.3	2001.2	2340.2	2600.4	2802.4	3003.9
-45°	638.1	672.7	710.5	763.3	816.1	1082.1	1387.6	1694.5	1982.4	2272.6	2551.1
-47.5°	624.5	637.3	663.6	693.7	728.9	775.4	819.5	887.8	1125.5	1360.8	1613.2
-50°	602.9	634.6	646.0	657.0	685.4	712.6	733.7	762.6	791.3	809.3	833.2
-52.5°	557.1	598.0	633.0	665.0	683.4	699.3	713.3	736.9	759.1	778.4	791.7
-55°	509.8	552.0	592.3	631.7	668.6	704.0	734.6	751.7	768.8	786.1	793.2
-57.5°	454.2	498.7	542.2	583.3	623.5	662.7	697.6	729.0	759.1	787.0	804.6
-60°	396.0	434.0	477.9	523.5	565.5	604.1	642.7	679.1	712.7	741.3	759.2
-62.5°	339.3	375.5	411.7	452.7	498.3	542.2	576.9	612.3	647.8	679.0	701.5
-65°	277.9	308.1	337.1	368.0	400.6	435.9	472.6	508.7	544.0	573.6	595.8
-67.5°	194.0	223.0	249.8	276.3	300.8	325.5	351.9	378.7	405.3	428.8	448.7
-70°	118.2	135.9	151.4	168.3	188.6	209.3	230.1	249.3	266.7	281.1	292.7
-72.5°	64.0	70.7	78.3	90.8	102.3	114.7	127.4	139.2	150.0	159.9	168.9
-75°	36.5	39.6	44.9	49.7	54.0	59.3	65.0	70.5	75.8	80.9	85.6
-77.5°	28.5	30.0	31.5	32.9	34.2	36.1	38.3	40.5	42.7	46.5	50.5
-80°	21.2	22.2	23.2	24.2	25.2	26.4	27.7	28.9	30.1	31.7	33.3
-82.5°	15.5	15.9	16.4	16.8	17.1	18.0	18.9	19.7	20.6	22.4	24.1
-85°	11.2	11.4	11.6	11.7	11.9	12.3	12.7	13.1	13.5	15.2	16.8
-87.5°	8.6	8.7	8.7	8.8	8.8	9.1	9.5	9.8	10.1	11.8	13.4
-90°	3.8	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.3	1.0	0.7



REPORT NUMBER: P1305618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-80-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	25.5	30.2	34.6	39.0	34.6	30.2	25.5	20.7	16.0	11.3	10.7
87.5°	1.3	1.3	0.6	0.0	0.6	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
80°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	2.1	2.3	2.3
77.5°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	2.2	2.5	2.8
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.6	2.9
72.5°	4.8	4.9	5.0	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.9
70°	7.1	7.5	8.1	8.8	8.1	7.5	7.1	6.6	6.2	6.3	7.2
67.5°	8.7	8.8	7.7	6.3	7.7	8.8	8.7	8.5	8.3	8.5	9.4
65°	7.7	7.6	7.0	6.3	7.0	7.6	7.7	7.8	7.9	8.6	9.8
62.5°	6.0	6.3	6.3	6.3	6.3	6.3	6.0	5.9	5.8	6.6	7.9
60°	5.1	5.1	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.4	6.0
57.5°	5.7	6.1	6.3	6.3	6.3	6.1	5.7	5.3	5.0	5.5	6.0
55°	6.2	6.3	6.8	7.6	6.8	6.3	6.2	6.1	5.8	6.2	6.7
52.5°	8.4	8.6	8.8	8.8	8.8	8.6	8.4	8.1	7.8	7.6	7.5
50°	10.9	11.1	11.3	11.3	11.3	11.1	10.9	10.6	10.2	9.7	9.1
47.5°	18.0	18.5	19.1	20.1	19.1	18.5	18.0	17.2	15.9	14.1	11.8
45°	28.7	29.5	30.7	32.7	30.7	29.5	28.7	27.4	27.5	25.7	20.9
42.5°	45.5	46.7	48.1	50.4	48.1	46.7	45.5	43.2	42.6	44.4	45.6
40°	62.7	63.5	64.3	66.7	64.3	63.5	62.7	61.3	60.7	53.8	55.1
37.5°	106.0	101.5	96.8	107.0	96.8	101.5	106.0	102.9	96.0	91.5	89.6
35°	144.5	147.2	151.4	158.6	151.4	147.2	144.5	145.3	140.9	128.2	132.6
32.5°	219.2	231.1	236.6	244.2	236.6	231.1	219.2	216.7	202.6	204.6	218.4
30°	436.2	435.5	400.4	406.7	400.4	435.5	436.2	410.3	354.9	355.0	371.6
27.5°	722.2	730.9	727.1	745.3	727.1	730.9	722.2	707.6	661.9	604.2	544.3
25°	1124.2	1161.7	1154.4	1191.0	1154.4	1161.7	1124.2	1054.8	975.8	906.3	836.9
22.5°	2238.7	2412.0	2409.2	2640.1	2409.2	2412.0	2238.7	1786.4	1418.3	1277.1	1183.8
20°	5979.3	7162.2	6674.8	6764.5	6674.8	7162.2	5979.3	3969.8	2819.2	1866.1	1575.6
17.5°	13788.5	17796.6	19537.3	21712.4	19537.3	17796.6	13788.5	9516.4	6685.5	3796.7	2395.5
15°	31476.7	42155.4	47497.0	42045.0	47497.0	42155.4	31476.7	20393.5	14761.9	9345.2	4585.2
12.5°	65902.9	84652.6	97613.2	87666.8	97613.2	84652.6	65902.9	46234.3	27318.5	17607.7	9998.6
10°	113852.9	148389.6	176932.4	167525.3	176932.4	148389.6	113852.9	77200.4	49663.7	27137.1	15822.9
7.5°	175029.9	230822.6	265645.3	265387.4	265645.3	230822.6	175029.9	121198.4	74972.3	43699.3	23817.6
5°	251814.7	323197.7	367537.7	372884.4	367537.7	323197.7	251814.7	171005.6	103875.2	60608.0	30999.4
2.5°	308668.6	386061.7	446605.3	468442.5	446605.3	386061.7	308668.6	216096.3	126155.2	70645.3	33150.3
0°	331881.2	411668.6	476386.6	512471.6	476386.6	411668.6	331881.2	234703.4	139045.2	77741.0	36251.2
-2.5°	313642.0	387334.0	440712.5	463069.1	440712.5	387334.0	313642.0	214934.2	129373.9	73886.9	33394.0
-5°	273851.7	343252.9	384429.5	399052.4	384429.5	343252.9	273851.7	187989.6	113847.6	65279.8	30541.3
-7.5°	214304.2	272399.4	307945.3	320783.8	307945.3	272399.4	214304.2	146582.3	92854.9	52811.0	25424.6
-10°	148406.3	191589.7	222450.4	232023.1	222450.4	191589.7	148406.3	106425.5	70007.5	39975.5	18479.2
-12.5°	95626.2	121247.2	138344.7	144572.2	138344.7	121247.2	95626.2	70857.8	44290.7	28086.4	13806.4
-15°	58174.6	72440.4	80720.8	83510.9	80720.8	72440.4	58174.6	42509.9	29404.2	17630.4	7559.5
-17.5°	32054.0	38938.9	41470.1	43251.1	41470.1	38938.9	32054.0	23395.9	15709.4	8147.0	4656.3
-20°	14360.2	17349.2	18816.0	19568.4	18816.0	17349.2	14360.2	9151.8	6431.1	3955.5	3274.6



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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°	5536.9	6409.8	6802.9	7125.8	6802.9	6409.8	5536.9	4219.9	3319.6	2998.4	2787.1
-25°	3123.7	3244.9	3300.1	3336.3	3300.1	3244.9	3123.7	2952.0	2754.7	2612.2	2492.0
-27.5°	2599.5	2669.4	2717.4	2709.3	2717.4	2669.4	2599.5	2536.3	2447.7	2402.7	2344.9
-30°	2349.1	2370.6	2388.7	2374.4	2388.7	2370.6	2349.1	2347.3	2324.9	2356.7	2384.0
-32.5°	2342.2	2320.0	2307.4	2303.9	2307.4	2320.0	2342.2	2382.9	2440.7	2466.6	2454.3
-35°	2456.0	2445.9	2439.6	2443.7	2439.6	2445.9	2456.0	2471.7	2485.6	2486.3	2471.5
-37.5°	2566.3	2551.6	2529.3	2511.7	2529.3	2551.6	2566.3	2564.0	2545.2	2494.3	2462.2
-40°	2839.7	2892.6	2959.6	2996.4	2959.6	2892.6	2839.7	2828.0	2767.4	2660.3	2477.2
-42.5°	3063.7	3102.3	3119.7	3118.5	3119.7	3102.3	3063.7	3003.9	2802.4	2600.4	2340.2
-45°	2762.4	2916.8	3000.3	3016.5	3000.3	2916.8	2762.4	2551.1	2272.6	1982.4	1694.5
-47.5°	1885.2	2136.1	2283.3	2302.7	2283.3	2136.1	1885.2	1613.2	1360.8	1125.5	887.8
-50°	865.8	899.5	911.8	902.7	911.8	899.5	865.8	833.2	809.3	791.3	762.6
-52.5°	804.4	817.4	824.1	825.9	824.1	817.4	804.4	791.7	778.4	759.1	736.9
-55°	799.9	807.0	811.7	815.8	811.7	807.0	799.9	793.2	786.1	768.8	751.7
-57.5°	820.9	836.0	843.1	846.0	843.1	836.0	820.9	804.6	787.0	759.1	729.0
-60°	775.5	790.3	795.6	796.9	795.6	790.3	775.5	759.2	741.3	712.7	679.1
-62.5°	722.8	742.3	749.6	751.6	749.6	742.3	722.8	701.5	679.0	647.8	612.3
-65°	615.3	631.8	633.0	628.2	633.0	631.8	615.3	595.8	573.6	544.0	508.7
-67.5°	466.6	482.1	483.0	478.4	483.0	482.1	466.6	448.7	428.8	405.3	378.7
-70°	302.0	309.2	310.7	309.7	310.7	309.2	302.0	292.7	281.1	266.7	249.3
-72.5°	176.7	183.4	182.1	178.8	182.1	183.4	176.7	168.9	159.9	150.0	139.2
-75°	89.7	93.4	94.8	95.7	94.8	93.4	89.7	85.6	80.9	75.8	70.5
-77.5°	54.6	58.6	59.7	60.4	59.7	58.6	54.6	50.5	46.5	42.7	40.5
-80°	34.9	36.3	36.5	36.5	36.5	36.3	34.9	33.3	31.7	30.1	28.9
-82.5°	25.9	27.6	28.3	29.0	28.3	27.6	25.9	24.1	22.4	20.6	19.7
-85°	18.4	20.1	20.7	21.4	20.7	20.1	18.4	16.8	15.2	13.5	13.1
-87.5°	14.9	16.4	17.0	17.6	17.0	16.4	14.9	13.4	11.8	10.1	9.8
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.0	9.4	8.8	8.5	8.2	7.9	7.6	7.6	7.6	7.6	7.6
87.5°	1.9	2.2	2.5	2.8	3.2	3.5	3.8	3.8	3.8	3.8	3.8
85°	1.9	2.2	2.5	2.8	3.2	3.5	3.8	3.8	3.8	3.8	3.8
82.5°	1.9	2.2	2.5	2.9	3.2	3.5	3.8	3.9	4.0	4.0	4.0
80°	2.4	2.4	2.5	2.9	3.2	3.5	3.8	4.2	4.5	4.7	4.8
77.5°	3.0	3.1	3.2	3.4	3.6	3.8	4.0	4.2	4.5	4.8	5.0
75°	3.2	3.6	4.0	4.5	4.8	4.9	4.9	4.8	4.8	4.9	5.1
72.5°	5.1	5.2	5.6	6.2	6.4	6.8	6.9	6.6	6.1	5.5	5.2
70°	8.0	8.5	9.7	11.4	12.6	13.2	12.9	11.7	9.5	8.1	7.1
67.5°	10.3	11.3	13.1	15.5	17.2	18.7	20.3	21.1	20.2	17.8	12.3
65°	11.0	12.2	13.7	15.3	17.4	20.3	25.6	28.5	29.3	28.1	21.4
62.5°	9.3	10.9	11.9	13.1	14.8	18.3	25.6	31.4	35.9	35.7	27.8
60°	6.8	7.6	8.5	9.7	11.2	15.1	22.0	30.1	39.2	36.7	30.9
57.5°	6.2	6.6	7.1	7.4	7.6	10.9	16.8	24.4	33.1	32.6	29.8
55°	7.3	7.8	7.9	7.8	7.7	9.1	11.7	16.9	23.6	24.9	23.9
52.5°	7.6	8.2	9.0	9.7	9.5	9.1	9.4	12.4	15.2	17.7	18.3
50°	8.7	9.1	9.5	9.9	10.5	10.3	9.9	10.1	11.9	13.7	14.3
47.5°	11.5	12.0	11.3	11.2	12.4	12.0	11.5	11.4	12.8	12.5	13.2
45°	20.0	19.0	17.3	17.5	17.2	16.9	15.1	15.9	16.4	16.0	13.7
42.5°	40.6	33.4	28.3	29.6	27.8	26.0	23.3	22.7	22.2	21.2	20.0
40°	63.6	61.5	55.8	51.4	47.5	40.2	35.1	31.3	29.8	28.0	27.9
37.5°	90.9	93.9	96.5	94.5	82.7	67.2	53.3	42.9	38.3	39.9	37.8
35°	127.6	132.8	146.6	142.0	134.6	120.4	87.7	62.9	55.1	59.1	52.1
32.5°	181.9	212.8	226.8	215.4	209.8	197.5	155.5	102.5	98.7	92.0	76.9
30°	366.8	349.1	351.3	359.4	355.7	305.2	246.4	255.4	204.6	138.3	110.5
27.5°	570.0	521.8	514.0	615.1	574.7	485.4	472.0	516.9	374.3	248.3	163.0
25°	842.5	814.2	783.8	890.8	914.7	758.5	747.4	787.9	684.5	402.1	229.6
22.5°	1132.4	1106.5	1093.4	1141.1	1174.3	1046.0	1000.6	1052.5	1024.6	590.7	352.4
20°	1434.0	1351.3	1325.5	1322.8	1294.4	1232.1	1202.6	1239.6	1116.6	800.4	479.8
17.5°	1815.6	1623.5	1528.8	1475.7	1426.6	1351.7	1397.3	1380.5	1235.5	963.7	600.9
15°	2464.8	2016.0	1822.3	1675.0	1607.9	1652.0	1680.1	1584.5	1376.0	1077.0	764.6
12.5°	4625.3	2515.4	2170.5	1946.8	1890.2	1951.0	1988.1	1840.3	1564.9	1324.4	1035.2
10°	7368.0	3630.9	2591.2	2299.4	2179.2	2217.1	2233.7	2065.1	1823.7	1611.6	1326.6
7.5°	12044.8	5302.7	3003.1	2605.5	2408.7	2376.3	2384.0	2227.2	2045.4	1872.6	1628.4
5°	15697.9	6374.4	3297.5	2827.2	2588.5	2536.4	2548.2	2350.7	2237.5	2112.2	1928.3
2.5°	16518.0	6612.2	3528.0	3023.0	2750.9	2697.3	2724.4	2490.6	2400.4	2281.1	2123.5
0°	18217.5	7391.5	3700.2	3147.5	2875.5	2846.6	2902.0	2659.0	2550.7	2431.1	2288.8
-2.5°	15816.7	6364.1	3631.9	3102.7	2851.3	2822.5	2916.5	2766.0	2604.3	2444.8	2232.4
-5°	13418.8	5806.1	3534.6	3030.7	2810.4	2818.5	2941.0	2857.0	2659.5	2461.1	2135.2
-7.5°	10947.7	5047.3	3380.3	2935.1	2772.2	2841.9	2986.6	2932.8	2739.1	2559.4	2169.7
-10°	7243.6	4116.4	3185.5	2863.5	2792.0	2905.9	3061.4	2995.9	2822.0	2654.1	2153.7
-12.5°	5693.6	3493.2	2988.8	2812.0	2910.9	3081.9	3153.7	3027.0	2912.8	2748.6	2081.6
-15°	3982.0	3227.0	2915.0	2903.4	3100.2	3223.7	3196.5	2983.5	2871.0	2765.6	1950.0
-17.5°	3344.7	2991.6	2806.7	2898.2	3124.1	3266.8	3138.3	2912.3	2733.5	2480.5	1617.9
-20°	2934.5	2759.7	2749.6	2845.6	2981.2	3010.3	2968.4	2771.3	2535.6	2025.4	1298.5



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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°	2655.1	2617.1	2665.5	2773.2	2672.9	2680.5	2653.4	2522.2	2281.1	1550.5	1002.3
-25°	2482.4	2513.0	2630.0	2603.5	2435.7	2373.6	2385.1	2245.9	1800.6	1160.1	762.8
-27.5°	2409.6	2508.5	2587.2	2513.2	2342.9	2206.5	2129.0	1938.9	1337.4	910.5	695.0
-30°	2415.6	2512.0	2524.4	2413.1	2258.0	2115.0	1914.8	1461.7	1025.4	716.0	642.3
-32.5°	2467.6	2468.4	2413.8	2278.8	2152.0	2004.6	1573.7	1071.6	758.6	664.1	611.1
-35°	2455.8	2357.0	2228.2	2141.0	2070.5	1687.4	1223.1	822.9	669.3	621.5	585.5
-37.5°	2363.9	2179.7	2085.3	1982.8	1697.4	1309.1	877.4	695.7	631.3	594.9	566.6
-40°	2299.2	2107.8	1821.8	1586.3	1237.2	849.0	719.5	654.7	610.5	572.9	550.5
-42.5°	2001.2	1701.3	1387.3	1051.5	783.0	726.0	672.2	628.0	592.6	562.9	514.3
-45°	1387.6	1082.1	816.1	763.3	710.5	672.7	638.1	610.4	584.5	532.6	472.7
-47.5°	819.5	775.4	728.9	693.7	663.6	637.3	624.5	603.0	548.6	492.4	432.5
-50°	733.7	712.6	685.4	657.0	646.0	634.6	602.9	557.2	505.2	450.5	392.6
-52.5°	713.3	699.3	683.4	665.0	633.0	598.0	557.1	511.5	462.0	407.9	352.7
-55°	734.6	704.0	668.6	631.7	592.3	552.0	509.8	464.3	415.7	363.7	313.7
-57.5°	697.6	662.7	623.5	583.3	542.2	498.7	454.2	410.2	367.3	320.1	274.5
-60°	642.7	604.1	565.5	523.5	477.9	434.0	396.0	356.9	316.7	279.1	240.8
-62.5°	576.9	542.2	498.3	452.7	411.7	375.5	339.3	304.4	272.6	240.0	195.6
-65°	472.6	435.9	400.6	368.0	337.1	308.1	277.9	245.3	211.4	178.2	140.9
-67.5°	351.9	325.5	300.8	276.3	249.8	223.0	194.0	165.5	141.6	118.6	91.5
-70°	230.1	209.3	188.6	168.3	151.4	135.9	118.2	99.5	80.1	67.2	56.1
-72.5°	127.4	114.7	102.3	90.8	78.3	70.7	64.0	56.5	48.5	40.2	33.7
-75°	65.0	59.3	54.0	49.7	44.9	39.6	36.5	34.4	32.3	30.2	27.9
-77.5°	38.3	36.1	34.2	32.9	31.5	30.0	28.5	26.9	25.4	23.8	22.0
-80°	27.7	26.4	25.2	24.2	23.2	22.2	21.2	20.0	18.7	17.6	16.7
-82.5°	18.9	18.0	17.1	16.8	16.4	15.9	15.5	14.8	14.3	13.7	13.2
-85°	12.7	12.3	11.9	11.7	11.6	11.4	11.2	11.0	10.8	10.6	10.4
-87.5°	9.5	9.1	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.5	8.4
-90°	1.9	2.2	2.5	2.8	3.2	3.5	3.8	3.8	3.8	3.8	3.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3	7.0	6.6
87.5°	4.1	4.4	4.7	5.0	5.0	5.0	5.0	5.0	5.3	5.7	6.0
85°	4.1	4.4	4.7	5.0	5.0	5.0	5.0	5.0	5.3	5.7	6.0
82.5°	4.1	4.4	4.7	5.0	5.2	5.3	5.4	5.4	5.5	5.7	6.0
80°	4.7	4.8	4.9	5.1	5.4	5.7	5.9	5.9	5.9	5.9	6.1
77.5°	5.2	5.1	5.0	5.1	5.4	5.7	6.0	6.3	6.2	6.1	6.2
75°	5.5	5.6	5.7	5.6	5.6	5.8	6.1	6.3	6.3	6.3	6.2
72.5°	5.5	5.8	6.1	6.3	6.1	6.0	6.2	6.3	6.3	6.3	6.3
70°	6.3	6.0	6.2	6.3	6.3	6.3	6.2	6.4	6.3	6.3	6.3
67.5°	7.6	6.7	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.3	6.3
65°	14.9	9.8	6.3	6.3	6.3	6.3	6.3	6.6	6.7	6.6	6.3
62.5°	20.9	14.9	10.1	7.2	6.3	6.3	6.3	6.6	6.9	6.9	6.5
60°	25.3	18.4	13.8	10.4	7.5	6.3	6.4	6.7	7.0	7.2	6.9
57.5°	24.5	20.4	16.9	13.2	9.9	7.3	6.5	6.8	7.0	7.3	7.2
55°	21.5	18.5	18.7	15.7	12.0	8.9	7.0	6.8	7.1	7.4	7.6
52.5°	16.8	17.4	18.8	17.6	14.1	10.5	8.3	6.9	7.2	7.5	7.6
50°	13.5	16.0	18.8	19.0	16.0	12.3	9.4	7.7	7.3	7.5	7.6
47.5°	13.9	16.1	18.0	20.3	18.3	13.9	10.7	8.5	7.3	7.6	7.6
45°	16.0	17.8	18.5	20.0	20.4	15.5	11.8	9.1	7.9	7.6	7.6
42.5°	19.0	20.5	21.0	19.9	20.3	16.9	12.8	9.9	8.3	7.7	7.6
40°	26.1	24.0	24.2	23.6	20.6	17.9	13.7	10.6	8.6	7.9	7.7
37.5°	34.3	30.2	27.9	30.2	23.2	18.9	14.4	11.2	9.1	8.3	7.9
35°	45.0	38.6	36.7	38.8	31.4	20.6	14.7	11.6	10.0	8.6	8.0
32.5°	57.1	56.0	55.6	48.5	41.9	22.9	15.9	13.0	11.1	8.9	8.2
30°	86.0	86.8	82.2	59.8	53.6	32.5	18.7	14.6	12.3	9.3	8.4
27.5°	134.8	123.0	114.9	83.2	64.4	44.2	22.6	16.6	13.6	9.8	8.6
25°	187.1	166.9	150.1	114.8	76.3	59.5	26.4	18.7	15.2	10.9	8.9
22.5°	248.7	212.1	189.1	150.8	95.4	76.6	34.6	22.0	16.8	11.9	9.2
20°	310.1	256.9	231.6	184.9	123.3	92.5	47.7	25.2	18.6	13.0	9.4
17.5°	379.1	313.6	277.6	219.3	153.9	110.1	61.6	28.2	20.5	14.2	9.6
15°	515.4	384.6	327.9	257.4	182.1	129.0	75.8	31.1	22.4	15.3	9.9
12.5°	680.2	455.6	381.8	297.9	208.0	148.8	90.0	33.9	24.3	16.5	10.4
10°	861.6	525.7	438.1	339.8	231.6	169.0	104.0	37.9	26.6	17.7	10.8
7.5°	1051.1	594.4	495.2	381.7	257.9	200.0	137.8	45.0	28.9	18.8	11.3
5°	1235.5	660.0	557.4	444.1	308.4	241.5	176.0	52.4	31.2	19.8	11.8
2.5°	1391.0	720.5	619.3	506.2	357.8	281.5	213.8	59.7	33.3	20.6	12.2
0°	1524.6	776.8	677.3	564.0	405.4	319.8	249.3	66.7	35.3	21.4	12.6
-2.5°	1420.5	780.3	683.9	586.1	441.1	350.8	269.1	84.5	45.8	27.0	15.2
-5°	1298.7	780.6	688.6	604.7	474.1	379.3	284.7	101.3	55.8	32.4	17.6
-7.5°	1292.1	783.7	694.2	619.9	504.2	404.8	295.7	116.6	65.1	37.3	19.8
-10°	1276.0	787.1	700.9	623.0	510.4	414.3	300.5	129.9	73.4	41.7	21.8
-12.5°	1210.7	786.8	706.5	622.0	508.7	409.7	291.2	140.4	80.7	45.4	23.5
-15°	1089.5	782.8	711.3	616.7	502.6	403.0	280.3	148.6	88.3	49.4	24.7
-17.5°	897.9	774.9	715.4	607.0	491.9	394.4	268.7	154.8	94.7	54.0	26.5
-20°	811.6	748.9	715.9	593.0	476.1	383.9	257.0	158.9	99.6	57.4	28.6



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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°	755.7	709.9	668.5	573.8	458.2	371.6	245.7	160.7	103.0	59.6	30.0
-25°	695.3	669.0	620.0	533.9	441.8	352.9	240.6	160.2	104.8	60.5	30.4
-27.5°	645.2	624.7	578.2	495.3	417.2	336.7	238.7	161.6	105.3	60.0	30.0
-30°	598.4	581.7	536.5	460.4	391.3	312.0	233.9	161.0	104.5	59.1	28.6
-32.5°	571.2	548.7	496.7	430.6	362.6	286.3	219.9	158.1	101.8	57.5	27.9
-35°	556.6	517.1	460.4	399.7	332.8	264.6	202.4	152.9	97.1	54.4	27.0
-37.5°	540.2	484.2	425.9	367.4	302.8	241.8	186.9	139.4	90.2	49.8	25.5
-40°	503.0	448.7	391.9	334.6	275.7	218.0	169.9	124.9	83.2	43.8	23.3
-42.5°	463.9	410.1	356.5	301.8	248.8	197.7	151.7	109.2	72.3	39.3	20.4
-45°	420.7	370.5	320.2	271.3	221.8	176.1	133.3	93.1	60.3	35.1	18.2
-47.5°	376.6	330.8	285.4	240.2	196.4	153.3	113.8	78.9	47.7	30.1	17.6
-50°	334.2	292.5	251.7	211.4	170.2	130.7	94.2	63.9	40.4	23.6	16.8
-52.5°	299.4	256.5	220.3	183.4	144.4	106.9	76.8	49.0	32.7	20.6	15.8
-55°	265.1	223.6	190.8	153.9	117.2	86.0	58.6	40.0	24.7	19.0	14.7
-57.5°	234.0	194.0	157.5	122.3	92.0	65.3	45.1	30.6	21.4	17.4	14.0
-60°	200.7	157.3	121.1	93.4	68.0	48.2	34.3	23.3	19.5	15.8	13.1
-62.5°	154.4	117.7	89.6	65.8	48.8	35.7	24.6	21.1	17.5	14.8	12.3
-65°	109.9	82.3	59.1	46.6	34.5	25.4	22.2	18.8	16.2	13.8	11.5
-67.5°	66.8	53.8	41.5	30.4	25.7	22.7	19.6	17.2	15.0	12.7	10.8
-70°	44.7	33.7	28.2	25.4	22.6	19.9	17.8	15.8	13.7	11.8	10.1
-72.5°	30.4	27.4	24.6	22.1	19.8	17.8	16.1	14.4	12.6	10.9	9.4
-75°	25.3	23.0	20.8	18.8	17.0	15.5	14.3	13.0	11.4	10.0	9.0
-77.5°	20.1	18.4	16.8	15.6	14.5	13.4	12.5	11.5	10.3	9.4	8.6
-80°	15.7	14.7	13.7	12.7	12.0	11.3	10.9	10.4	9.6	8.8	8.2
-82.5°	12.4	11.6	10.9	10.3	10.0	9.8	9.6	9.4	8.8	8.2	7.8
-85°	9.8	9.3	8.7	8.2	8.2	8.2	8.4	8.6	8.2	7.8	7.4
-87.5°	8.2	8.0	7.8	7.6	7.8	7.9	8.0	8.1	7.7	7.4	7.0
-90°	4.1	4.4	4.7	5.0	5.0	5.0	5.0	5.0	5.3	5.7	6.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
82.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
80°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
77.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
75°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
72.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
70°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
67.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3
65°	6.4	6.3	6.3	6.3	6.3	6.3	6.3
62.5°	6.5	6.4	6.3	6.3	6.3	6.3	6.3
60°	6.5	6.6	6.3	6.3	6.3	6.3	6.3
57.5°	6.8	6.7	6.4	6.3	6.3	6.3	6.3
55°	7.0	6.8	6.6	6.3	6.3	6.3	6.3
52.5°	7.3	7.0	6.7	6.3	6.3	6.3	6.3
50°	7.5	7.1	6.8	6.3	6.3	6.3	6.3
47.5°	7.6	7.2	7.0	6.3	6.3	6.3	6.3
45°	7.6	7.4	7.1	6.4	6.3	6.3	6.3
42.5°	7.6	7.5	7.3	6.6	6.3	6.3	6.3
40°	7.6	7.5	7.4	6.7	6.3	6.3	6.3
37.5°	7.6	7.6	7.5	6.8	6.3	6.3	6.3
35°	7.6	7.6	7.5	6.9	6.3	6.3	6.3
32.5°	7.6	7.6	7.6	7.0	6.3	6.3	6.3
30°	7.8	7.6	7.6	7.1	6.3	6.3	6.3
27.5°	7.9	7.6	7.6	7.2	6.3	6.3	6.3
25°	8.0	7.6	7.6	7.2	6.3	6.3	6.3
22.5°	8.2	7.6	7.6	7.3	6.3	6.3	6.3
20°	8.3	7.7	7.6	7.4	6.3	6.3	6.3
17.5°	8.6	7.8	7.6	7.4	6.3	6.3	6.3
15°	8.8	7.9	7.6	7.5	6.3	6.3	6.3
12.5°	9.1	8.1	7.6	7.5	6.3	6.3	6.3
10°	9.3	8.2	7.6	7.5	6.3	6.3	6.3
7.5°	9.5	8.4	7.6	7.6	6.3	6.3	6.3
5°	9.7	8.5	7.6	7.6	6.3	6.3	6.3
2.5°	9.9	8.7	7.6	7.6	6.3	6.3	6.3
0°	10.1	8.8	7.6	7.6	6.3	6.3	6.3
-2.5°	10.8	8.9	7.7	7.6	6.4	6.3	6.3
-5°	11.4	9.1	7.8	7.6	6.4	6.3	6.3
-7.5°	12.0	9.2	7.9	7.6	6.5	6.3	6.3
-10°	12.5	9.3	8.0	7.6	6.5	6.3	6.3
-12.5°	12.9	9.4	8.1	7.5	6.6	6.3	6.3
-15°	13.2	9.4	8.1	7.5	6.6	6.3	6.3
-17.5°	13.4	9.5	8.2	7.5	6.7	6.3	6.3
-20°	13.8	9.5	8.2	7.5	6.7	6.3	6.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.7	9.6	8.2	7.5	6.7	6.3	6.3
-25°	15.1	9.8	8.2	7.5	6.7	6.3	6.3
-27.5°	15.2	10.1	8.2	7.5	6.8	6.3	6.3
-30°	14.9	10.3	8.2	7.5	6.8	6.3	6.3
-32.5°	14.2	10.4	8.2	7.5	6.8	6.3	6.3
-35°	14.0	10.4	8.3	7.5	6.8	6.3	6.3
-37.5°	14.0	10.4	8.3	7.5	6.8	6.3	6.3
-40°	13.9	10.4	8.2	7.6	6.7	6.3	6.3
-42.5°	13.7	10.3	8.2	7.6	6.7	6.3	6.3
-45°	13.3	10.2	8.3	7.6	6.7	6.3	6.3
-47.5°	12.8	10.0	8.3	7.7	6.6	6.3	6.3
-50°	12.5	9.8	8.3	7.6	6.6	6.3	6.3
-52.5°	12.1	9.5	8.3	7.5	6.5	6.3	6.3
-55°	11.6	9.4	8.2	7.4	6.5	6.3	6.3
-57.5°	11.1	9.2	8.1	7.3	6.4	6.3	6.3
-60°	10.5	9.0	8.0	7.1	6.3	6.3	6.3
-62.5°	10.2	8.8	7.9	7.0	6.3	6.3	6.3
-65°	9.7	8.5	7.7	6.9	6.3	6.3	6.3
-67.5°	9.3	8.3	7.5	6.7	6.3	6.3	6.3
-70°	8.8	8.0	7.3	6.6	6.3	6.3	6.3
-72.5°	8.5	7.8	7.1	6.6	6.3	6.3	6.3
-75°	8.2	7.6	6.9	6.5	6.3	6.3	6.3
-77.5°	7.9	7.3	6.8	6.5	6.3	6.3	6.3
-80°	7.6	7.1	6.7	6.5	6.3	6.3	6.3
-82.5°	7.3	6.9	6.6	6.4	6.3	6.3	6.3
-85°	7.0	6.7	6.5	6.4	6.3	6.3	6.3
-87.5°	6.6	6.5	6.4	6.3	6.3	6.3	6.3
-90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3

(END OF REPORT)