

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: P1306061 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-1S-CV1-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306061 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-80-1S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

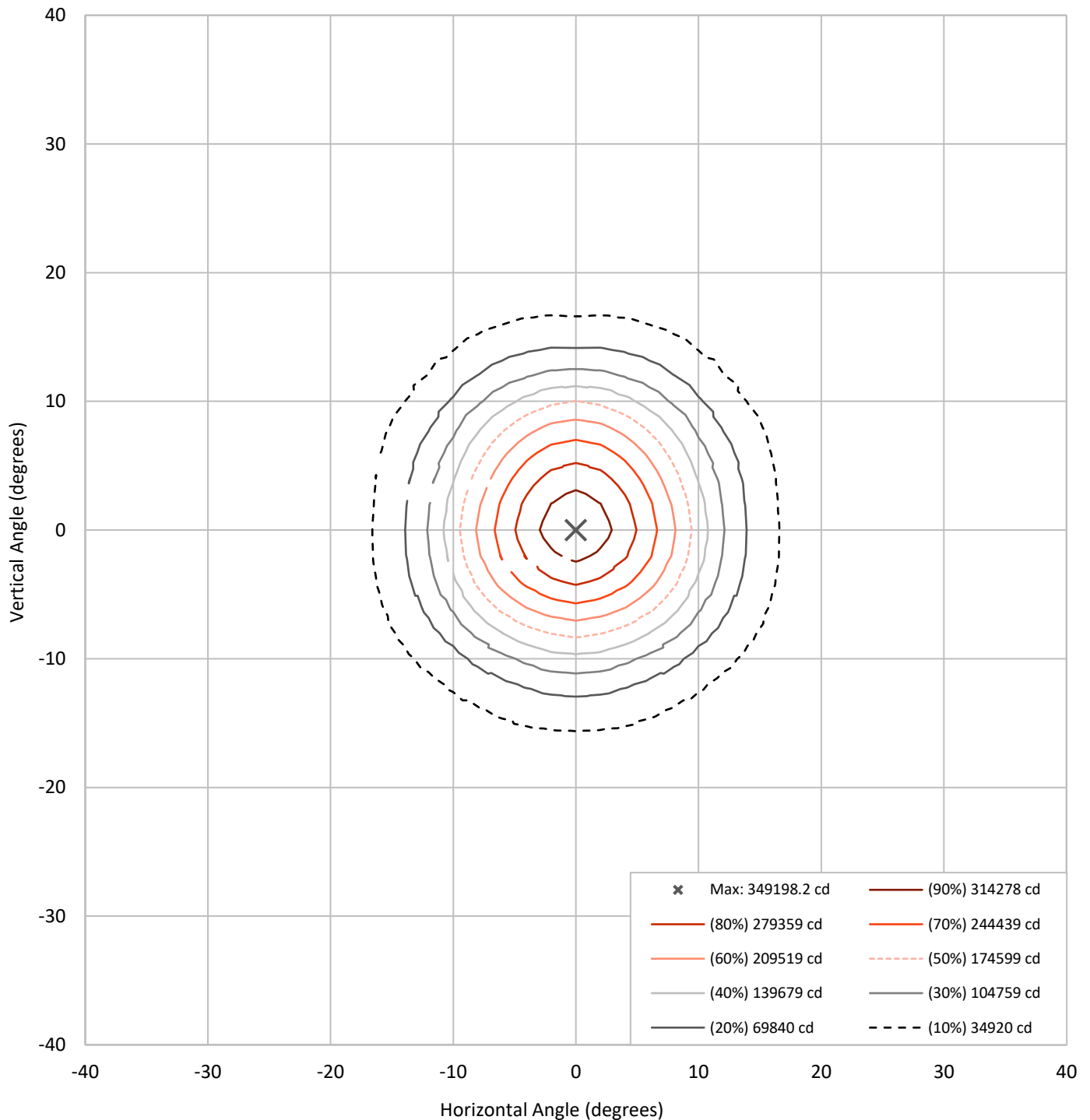
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	42061.5 lumens	Max Intensity:	349198.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	18.9°H x 18.3°V	Field Angle (10%):	33°H x 31.9°V
Beam Lumens:	19624.6 lumens	Field Lumens:	35643.7 lumens
Beam Efficiency:	46.7%	Field Efficiency:	84.7%

Input Watts (W): 336
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



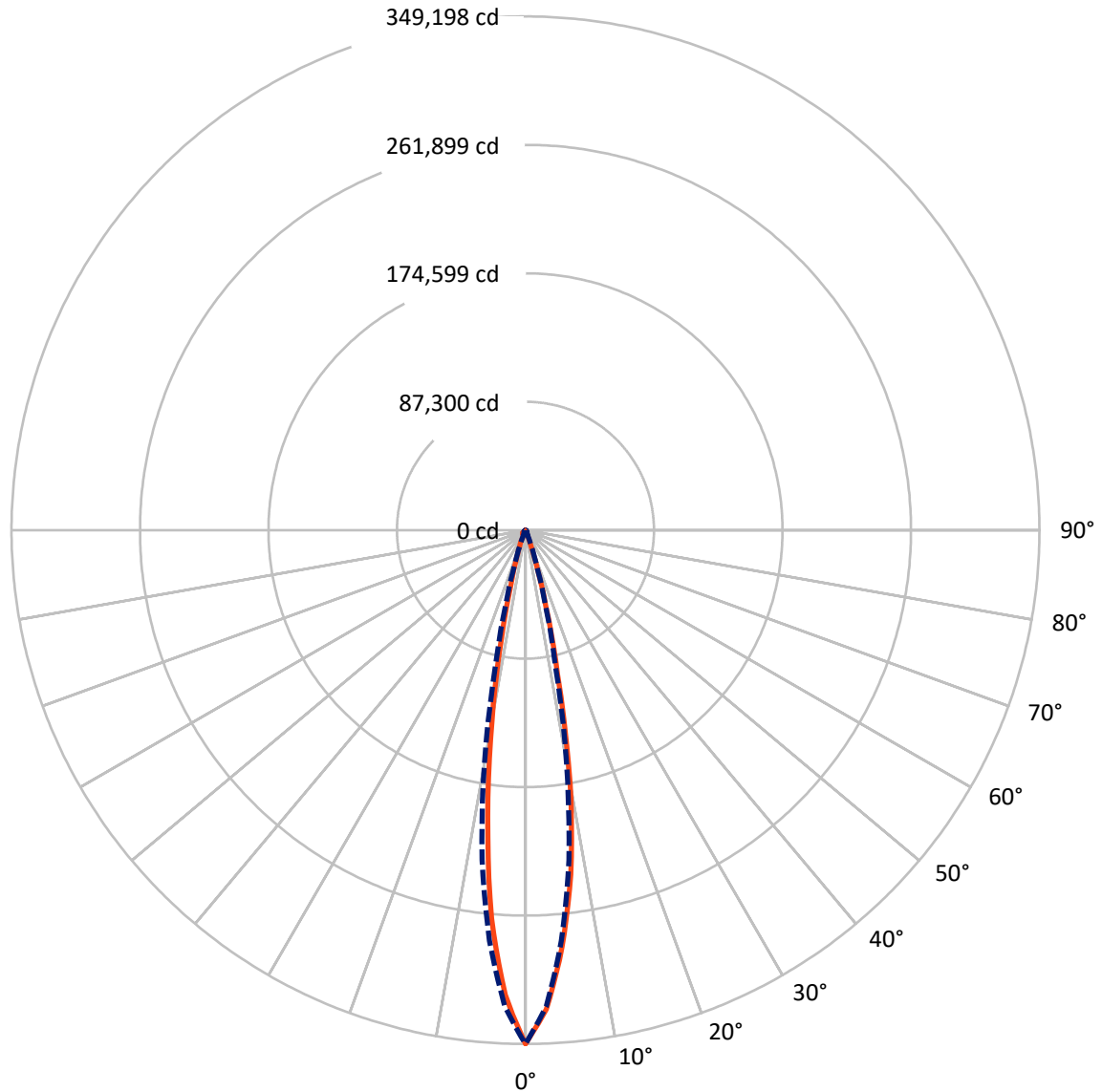
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Lumen Table

90	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.1								
80	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.0		
70	0.1	0.0	0.1	0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.0	0.1	
60		0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1		
50	0.1	0.1	0.2	0.2	0.3	0.5	0.7	0.5	0.5	0.7	0.5	0.3	0.2	0.2	0.1	0.1	
40		0.2	0.5	1.2	2.3	3.3	4.8	5.9	5.9	4.8	3.3	2.3	1.2	0.5	0.2		
30	0.1	0.3	2.3	7.3	17.2	23.3	37.3	66.6	66.6	37.3	23.3	17.2	7.3	2.3	0.3	0.1	
20		0.7	4.9	21.0	42.3	56.0	409.1	1648.6	1648.6	409.1	56.0	42.3	21.0	4.9	0.7		
10	0.2	1.1	6.3	28.3	47.0	102.8	1532.6	6618.7	6618.7	1532.6	102.8	47.0	28.3	6.3	1.1	0.2	
0		1.4	6.6	27.8	47.0	99.8	1466.2	6131.4	6131.4	1466.2	99.8	47.0	27.8	6.6	1.4		
-10	0.3	1.7	6.4	22.3	43.3	54.6	326.5	1224.1	1224.1	326.5	54.6	43.3	22.3	6.4	1.7	0.3	
-20		1.7	6.2	15.4	42.8	53.7	60.9	105.1	105.1	60.9	53.7	42.8	15.4	6.2	1.7		
-30	0.3	1.5	5.6	10.9	30.4	63.1	73.8	76.1	76.1	73.8	63.1	30.4	10.9	5.6	1.5	0.3	
-40		1.1	4.3	9.6	16.1	29.0	52.6	71.3	71.3	52.6	29.0	16.1	9.6	4.3	1.1		
-50	0.2	0.5	2.5	6.5	12.3	17.9	22.6	25.4	25.4	22.6	17.9	12.3	6.5	2.5	0.5	0.2	
-60		0.2	0.8	2.5	5.3	8.7	12.0	14.0	14.0	12.0	8.7	5.3	2.5	0.8	0.2		
-70	0.1	0.5	2.5	6.5	12.3	17.9	22.6	25.4	25.4	22.6	17.9	12.3	6.5	2.5	0.5	0.1	
-80		0.2	0.8	2.5	5.3	8.7	12.0	14.0	14.0	12.0	8.7	5.3	2.5	0.8	0.2		
-90	0.1	0.7	1.9	4.4	5.9	4.4	1.9	0.7	0.1								

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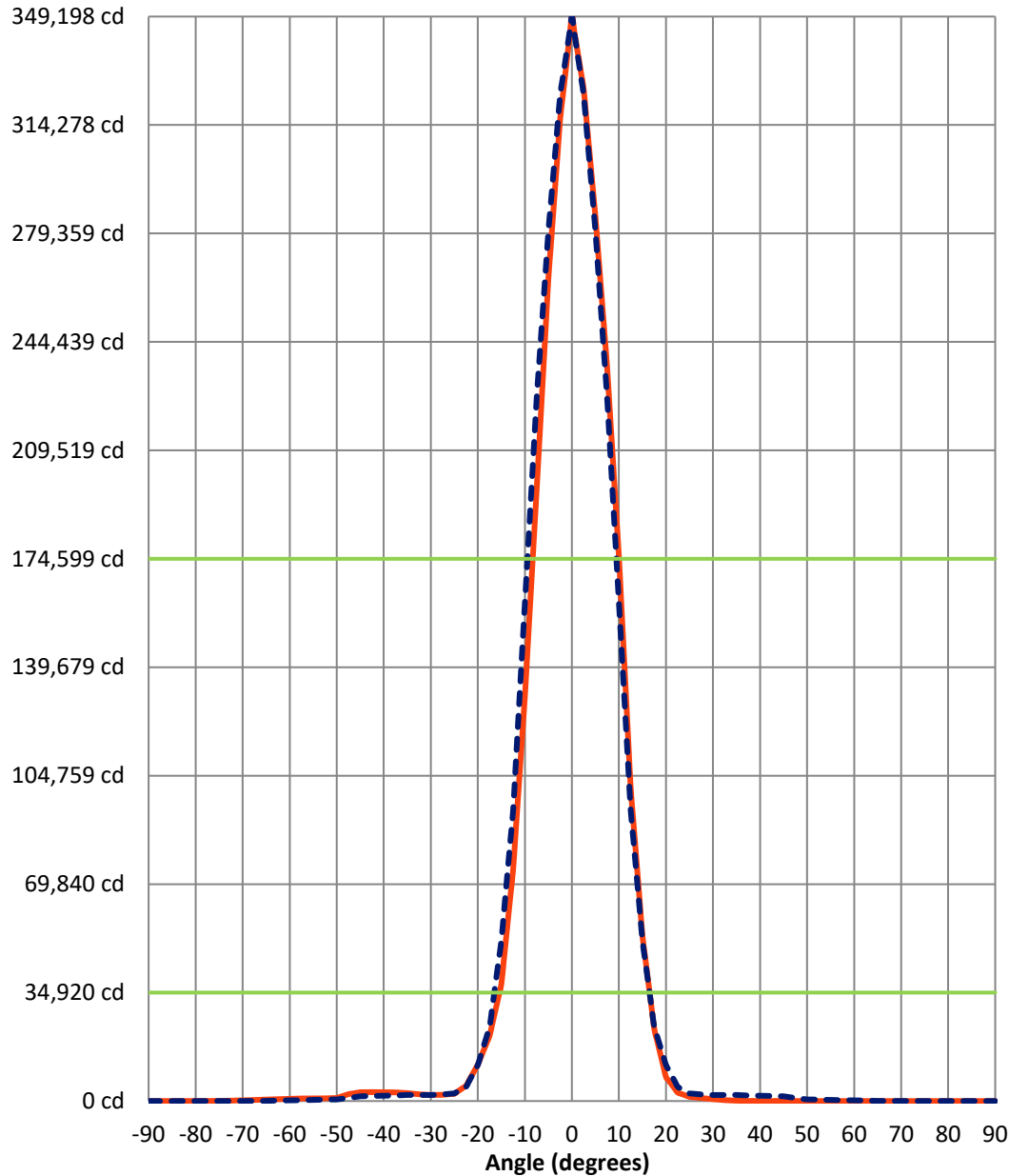
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 18.9°
V Angle: 18.3°
Lumens: 19624.6
Efficiency: 46.7%

Field:
H Angle: 33°
V Angle: 31.9°
Lumens: 35643.7
Efficiency: 84.7%

Spill:
Lumens: 6417.7
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°	2.5	2.5	2.5	2.9	3.4	3.8	4.2	4.6	5.1	5.5	5.9
87.5°	2.5	2.5	2.5	2.3	2.2	2.0	1.9	1.9	1.8	1.8	1.7
85°	2.5	2.5	2.5	2.4	2.2	2.2	2.1	2.1	2.0	1.9	1.7
82.5°	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.1	2.0	1.9
80°	2.5	2.6	2.5	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.3
77.5°	2.5	2.6	2.5	2.4	2.4	2.6	2.8	2.8	2.7	2.7	2.5
75°	2.5	2.6	2.5	2.5	2.5	2.8	3.0	3.0	3.0	2.8	2.6
72.5°	2.5	2.6	2.5	2.5	2.7	2.9	3.2	3.2	3.0	2.8	2.6
70°	2.5	2.7	2.5	2.5	2.8	3.1	3.4	3.3	3.1	2.8	2.9
67.5°	2.5	2.7	2.6	2.6	3.0	3.3	3.4	3.3	3.1	3.2	3.3
65°	2.5	2.7	2.6	2.7	3.1	3.4	3.5	3.3	3.4	3.5	3.6
62.5°	2.5	2.7	2.6	2.8	3.3	3.5	3.5	3.5	3.7	3.8	3.7
60°	2.5	2.8	2.6	2.9	3.4	3.6	3.6	3.7	3.9	4.0	3.9
57.5°	2.5	2.8	2.7	3.0	3.5	3.6	3.7	4.0	4.2	4.2	4.2
55°	2.5	2.8	2.8	3.1	3.6	3.7	4.0	4.2	4.5	4.5	4.6
52.5°	2.5	2.8	2.9	3.2	3.6	3.8	4.2	4.5	4.8	4.9	5.0
50°	2.5	2.9	3.0	3.3	3.7	4.0	4.4	4.8	5.1	5.2	5.7
47.5°	2.5	2.9	3.0	3.4	3.8	4.2	4.6	5.1	5.4	5.6	6.5
45°	2.5	2.9	3.1	3.5	3.9	4.3	4.8	5.4	5.7	6.2	7.2
42.5°	2.5	2.9	3.2	3.6	4.0	4.5	5.1	5.7	6.0	6.8	8.5
40°	2.5	3.0	3.3	3.7	4.1	4.7	5.4	5.9	6.4	7.3	9.9
37.5°	2.5	3.0	3.4	3.8	4.3	4.8	5.7	6.2	6.9	8.1	11.1
35°	2.5	3.0	3.4	3.9	4.4	5.0	6.0	6.5	7.4	9.3	12.1
32.5°	2.5	3.1	3.5	4.0	4.5	5.2	6.2	6.7	8.0	10.4	13.1
30°	2.5	3.1	3.6	4.1	4.6	5.5	6.4	7.0	8.5	11.5	14.3
27.5°	2.5	3.1	3.6	4.2	4.7	5.7	6.6	7.5	9.2	12.6	15.7
25°	2.5	3.1	3.7	4.3	4.9	5.9	6.8	7.9	10.1	13.7	17.3
22.5°	2.5	3.2	3.8	4.4	5.0	6.1	7.0	8.3	10.9	14.9	19.7
20°	2.5	3.2	3.8	4.5	5.1	6.2	7.2	8.8	11.7	16.1	22.3
17.5°	2.5	3.2	3.9	4.6	5.3	6.4	7.4	9.2	12.4	17.4	25.1
15°	2.5	3.3	3.9	4.7	5.4	6.5	7.5	9.5	13.0	18.8	28.0
12.5°	2.5	3.3	4.0	4.7	5.5	6.6	7.7	9.8	13.6	20.1	30.9
10°	2.5	3.3	4.0	4.8	5.6	6.6	7.9	10.1	14.2	21.4	33.8
7.5°	2.5	3.3	4.1	4.9	5.7	6.7	8.0	10.4	14.7	22.5	36.6
5°	2.5	3.4	4.1	5.0	5.7	6.7	8.2	10.6	15.2	23.6	39.2
2.5°	2.5	3.4	4.2	5.0	5.8	6.7	8.3	10.8	15.7	24.5	41.7
0°	2.5	3.4	4.2	5.1	5.9	6.7	8.4	10.9	16.0	25.3	43.8
-2.5°	2.5	3.4	4.2	5.2	6.0	7.1	9.2	13.0	20.5	33.4	56.3
-5°	2.5	3.4	4.3	5.2	6.2	7.4	9.9	15.0	24.9	41.1	68.2
-7.5°	2.5	3.4	4.3	5.2	6.3	7.8	10.6	16.9	28.9	48.3	79.3
-10°	2.5	3.5	4.3	5.3	6.4	8.1	11.3	18.6	32.6	54.8	89.2
-12.5°	2.5	3.5	4.4	5.3	6.5	8.4	11.8	20.0	35.7	60.5	97.5
-15°	2.5	3.5	4.4	5.3	6.6	8.6	12.3	21.1	38.7	65.7	104.4
-17.5°	2.5	3.5	4.4	5.3	6.7	8.8	12.7	22.5	41.6	69.8	109.6
-20°	2.5	3.5	4.4	5.4	6.7	9.0	13.1	23.7	43.7	73.0	113.3



REPORT NUMBER: P1306061 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-50-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.5	3.5	4.4	5.4	6.8	9.1	13.6	24.5	45.0	75.0	115.1
-25°	2.5	3.5	4.4	5.4	6.8	9.1	13.8	24.6	45.4	75.9	115.0
-27.5°	2.5	3.5	4.4	5.4	6.7	9.2	13.8	24.1	44.8	75.8	115.6
-30°	2.5	3.5	4.4	5.4	6.7	9.2	13.5	23.0	44.0	75.1	114.6
-32.5°	2.5	3.4	4.4	5.4	6.7	9.1	12.9	22.4	42.7	73.0	112.0
-35°	2.5	3.4	4.4	5.3	6.7	9.0	12.6	21.7	40.4	69.5	107.7
-37.5°	2.5	3.4	4.4	5.3	6.6	8.8	12.4	20.6	37.1	64.7	100.9
-40°	2.5	3.4	4.4	5.3	6.5	8.8	12.1	19.0	32.9	59.7	92.9
-42.5°	2.5	3.4	4.4	5.3	6.5	8.6	11.8	17.1	29.7	53.2	83.4
-45°	2.5	3.3	4.3	5.3	6.4	8.4	11.3	15.5	26.9	45.6	72.9
-47.5°	2.5	3.3	4.3	5.3	6.4	8.2	10.8	14.8	23.5	37.2	63.2
-50°	2.5	3.3	4.3	5.2	6.4	8.0	10.4	14.1	19.5	32.5	52.5
-52.5°	2.5	3.2	4.2	5.2	6.3	7.7	10.0	13.2	17.4	27.3	41.4
-55°	2.5	3.2	4.2	5.1	6.2	7.5	9.6	12.3	16.2	21.6	34.7
-57.5°	2.5	3.2	4.1	5.0	6.1	7.4	9.1	11.6	14.9	19.1	27.5
-60°	2.5	3.1	4.1	4.9	6.0	7.2	8.6	11.0	13.7	17.4	21.6
-62.5°	2.5	3.1	4.0	4.8	5.8	7.0	8.4	10.2	12.9	15.7	19.6
-65°	2.5	3.0	3.9	4.7	5.6	6.8	8.1	9.6	12.0	14.5	17.4
-67.5°	2.5	3.0	3.8	4.5	5.4	6.5	7.8	9.2	11.1	13.5	15.9
-70°	2.5	2.9	3.6	4.4	5.2	6.2	7.4	8.8	10.5	12.5	14.7
-72.5°	2.5	2.9	3.5	4.2	4.9	5.8	6.9	8.3	9.8	11.6	13.5
-75°	2.5	2.8	3.4	4.1	4.7	5.4	6.4	7.7	9.1	10.6	12.3
-77.5°	2.5	2.8	3.2	3.9	4.4	5.0	5.8	7.0	8.4	9.7	11.1
-80°	2.5	2.7	3.1	3.7	4.2	4.7	5.2	6.3	7.6	8.8	10.0
-82.5°	2.5	2.7	2.9	3.5	4.0	4.5	4.9	5.8	6.8	7.9	9.0
-85°	2.5	2.6	2.8	3.3	3.8	4.2	4.7	5.4	6.2	7.1	8.0
-87.5°	2.5	2.6	2.6	3.1	3.6	4.0	4.4	5.0	5.6	6.3	7.0
-90°	2.5	2.5	2.5	2.3	2.1	1.9	1.7	1.7	1.7	1.7	1.7



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 CATALOG NUMBER: EPH-08-320N-50-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.9	5.9	5.9	5.9	6.1	6.3	6.5	6.7	6.9	7.2	7.4
87.5°	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8	0.8	0.8	0.8
85°	1.7	1.7	1.7	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9
82.5°	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.3
80°	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.7	1.7	1.7	1.8
77.5°	2.4	2.3	2.3	2.4	2.4	2.2	2.2	2.1	2.2	2.4	2.5
75°	2.5	2.5	2.6	2.5	2.5	2.4	2.5	2.7	2.8	2.8	2.7
72.5°	2.6	2.8	2.7	2.6	2.7	2.9	3.1	3.3	3.7	4.2	4.6
70°	3.0	3.1	3.0	3.0	3.2	3.6	4.3	5.2	6.1	7.2	8.7
67.5°	3.3	3.2	3.3	3.5	4.1	4.9	5.9	9.3	13.2	14.8	15.3
65°	3.4	3.4	3.7	4.3	5.0	7.6	11.3	15.9	20.2	20.7	20.0
62.5°	3.4	3.7	4.3	5.5	8.0	11.5	15.6	19.9	24.8	25.0	21.9
60°	3.8	4.1	5.4	7.8	10.7	14.0	18.4	21.9	25.9	27.8	21.2
57.5°	4.2	4.9	7.0	9.9	12.9	15.3	17.6	21.3	23.4	23.8	17.5
55°	4.9	6.0	8.7	12.0	14.1	13.6	15.5	17.5	18.3	17.1	12.2
52.5°	5.9	7.2	10.6	13.4	13.9	12.7	12.7	13.7	12.7	10.9	9.5
50°	6.8	9.3	12.4	14.2	13.8	12.1	10.2	10.0	9.7	9.1	8.2
47.5°	8.3	11.3	14.0	15.0	13.3	11.5	9.3	9.0	9.0	8.6	7.9
45°	10.0	12.9	15.6	14.6	12.9	11.2	10.3	9.3	9.3	9.4	9.9
42.5°	11.6	14.1	15.5	14.2	13.1	12.6	12.5	11.1	11.0	13.3	14.1
40°	12.7	15.2	15.5	15.3	14.1	15.3	15.6	15.8	16.4	18.9	20.1
37.5°	13.6	15.6	16.6	18.2	17.1	19.0	19.8	29.0	30.1	25.5	34.9
35°	14.3	16.4	20.6	25.2	26.7	23.7	35.8	48.4	52.8	50.0	60.7
32.5°	15.0	17.5	26.1	37.1	47.1	44.6	56.3	78.1	92.1	99.2	107.8
30°	16.6	22.6	34.6	52.2	78.0	93.6	94.4	117.6	143.3	188.9	230.1
27.5°	19.2	29.3	49.1	80.8	120.7	153.1	159.1	174.1	232.9	319.2	427.8
25°	22.2	45.6	65.8	119.7	178.5	215.0	225.5	251.0	353.0	550.9	658.3
22.5°	30.4	67.2	94.0	165.0	243.3	274.8	296.9	389.5	573.7	835.3	915.9
20°	46.0	92.3	128.9	204.0	308.7	333.9	367.2	565.8	861.1	1078.9	1188.4
17.5°	64.4	117.7	163.9	242.4	334.6	381.1	451.6	767.7	1157.9	1314.3	1428.3
15°	85.0	143.0	194.2	276.3	357.5	412.6	584.0	1002.4	1409.0	1538.4	1649.9
12.5°	107.0	168.2	220.3	305.7	380.1	441.8	704.4	1167.4	1529.7	1712.7	1856.4
10°	129.6	192.9	242.7	330.9	402.1	468.7	817.2	1308.8	1590.7	1742.3	1900.8
7.5°	143.7	208.6	259.8	352.1	423.0	493.1	919.4	1426.4	1632.7	1751.5	1868.9
5°	154.2	214.0	264.2	361.6	438.7	511.1	996.3	1520.0	1659.4	1744.5	1813.4
2.5°	162.3	217.7	267.2	366.8	450.4	520.2	1003.6	1534.8	1651.2	1731.1	1778.7
0°	167.6	219.8	268.7	368.9	459.9	526.4	988.8	1527.0	1633.1	1715.6	1771.2
-2.5°	173.5	226.2	280.8	375.4	460.7	526.6	974.7	1511.8	1651.1	1761.9	1854.2
-5°	177.1	231.4	291.1	379.4	459.2	524.5	942.9	1473.0	1648.9	1765.6	1878.7
-7.5°	178.7	235.3	299.1	380.5	452.6	514.5	889.0	1380.4	1579.5	1688.7	1828.7
-10°	179.3	240.4	302.9	374.6	439.8	498.7	817.2	1273.5	1507.8	1607.7	1755.0
-12.5°	181.0	246.5	305.3	368.7	426.8	481.3	729.4	1156.3	1435.6	1523.5	1673.4
-15°	181.0	251.3	306.9	363.6	414.2	462.4	626.3	1032.4	1396.2	1538.9	1662.1
-17.5°	179.5	255.0	308.2	360.0	402.6	442.2	512.3	921.8	1371.3	1572.2	1693.7
-20°	176.6	257.6	309.3	358.6	392.8	432.8	488.5	798.5	1244.8	1587.2	1735.7



REPORT NUMBER: P1306061 (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°	172.5	259.1	310.3	357.4	396.0	433.8	480.7	658.7	1069.0	1585.3	1736.9
-25°	170.6	251.8	310.2	357.2	400.7	435.7	471.4	525.7	880.1	1359.7	1690.9
-27.5°	169.8	243.5	304.8	353.7	405.0	438.7	469.7	513.8	699.4	1089.6	1596.6
-30°	166.5	229.7	297.1	346.7	400.7	442.3	472.8	500.7	551.8	856.8	1278.7
-32.5°	158.9	215.4	282.4	336.4	390.4	445.6	473.9	497.9	535.6	625.8	968.6
-35°	149.9	204.0	265.0	323.3	376.1	434.2	472.1	497.4	522.1	565.8	721.1
-37.5°	141.8	190.8	247.4	306.1	359.1	413.6	468.1	494.8	519.7	550.9	610.0
-40°	132.2	176.0	230.6	286.5	339.4	391.9	444.7	491.1	516.1	556.7	595.7
-42.5°	121.0	163.6	212.6	266.3	317.0	368.5	420.1	469.8	521.8	562.5	601.5
-45°	108.8	149.4	193.5	242.3	292.2	342.4	392.5	444.1	506.8	568.9	608.0
-47.5°	94.8	133.6	175.5	215.9	263.9	313.1	362.3	416.3	478.4	543.2	613.0
-50°	80.1	115.9	154.2	191.3	232.1	280.0	328.2	382.7	441.1	503.8	569.6
-52.5°	66.7	96.3	130.9	166.7	202.3	242.2	290.5	342.2	397.0	455.9	513.3
-55°	52.1	78.3	105.7	139.4	174.3	208.2	247.5	295.9	346.3	399.7	451.6
-57.5°	41.1	59.6	82.7	109.5	142.3	176.6	210.4	246.9	291.6	338.7	382.0
-60°	32.0	44.2	61.0	82.9	107.2	138.7	172.2	205.3	239.8	274.2	311.5
-62.5°	23.8	33.1	43.9	58.1	78.5	100.0	127.8	158.7	190.8	219.4	246.4
-65°	21.1	23.9	31.3	41.1	51.2	68.9	88.6	109.3	136.1	161.2	185.7
-67.5°	18.3	20.9	23.3	27.0	35.8	44.7	53.3	70.5	88.4	104.5	121.7
-70°	16.6	18.0	20.2	22.3	24.3	28.0	35.7	43.2	50.3	59.1	72.6
-72.5°	15.0	16.2	17.5	19.1	20.8	22.5	24.3	26.2	30.7	36.6	41.9
-75°	13.4	14.2	15.2	16.4	17.6	18.9	20.1	21.6	23.2	24.8	26.6
-77.5°	11.9	12.5	13.2	13.8	14.6	15.7	16.7	17.7	18.7	19.7	20.6
-80°	10.5	10.9	11.4	11.9	12.4	13.0	13.7	14.4	15.1	15.9	16.6
-82.5°	9.4	9.6	9.9	10.2	10.5	10.7	11.0	11.4	11.8	12.3	12.7
-85°	8.2	8.4	8.6	8.8	8.9	9.1	9.3	9.4	9.6	9.7	9.9
-87.5°	7.1	7.1	7.2	7.3	7.5	7.6	7.8	7.9	8.0	8.1	8.2
-90°	1.5	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



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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	7.8	8.0	8.2	8.4	8.6	8.9	9.1	9.3	9.3	9.3
87.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.6	0.4
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.2	1.2	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.0	0.8	0.8	0.8
77.5°	2.5	2.4	2.1	1.9	1.7	1.6	1.6	1.5	1.5	1.6	1.6
75°	2.6	2.5	2.7	2.7	2.5	2.4	2.3	2.1	1.8	1.7	1.7
72.5°	5.0	5.2	5.1	5.0	4.6	4.3	4.1	3.9	3.7	3.6	3.6
70°	9.5	9.6	9.3	8.4	7.2	6.3	5.9	5.5	5.1	5.0	5.2
67.5°	14.6	13.3	12.2	10.8	9.0	7.9	7.4	7.0	6.5	6.3	6.2
65°	18.0	14.1	12.1	10.7	9.8	8.9	7.9	7.0	6.1	5.5	5.3
62.5°	17.7	12.4	10.0	8.9	8.0	7.4	6.5	5.7	4.9	4.5	4.4
60°	15.4	10.3	7.7	6.9	6.3	5.9	5.4	4.9	4.5	4.2	4.2
57.5°	12.0	8.0	5.9	5.8	5.6	5.3	5.0	4.7	4.4	4.2	4.4
55°	8.8	7.0	5.9	5.8	5.7	5.4	5.0	5.0	4.9	4.8	5.1
52.5°	7.6	6.9	6.6	6.4	6.1	5.9	5.8	5.8	5.9	6.1	6.2
50°	7.5	7.2	7.0	6.6	6.6	6.6	6.6	6.9	7.1	7.2	7.3
47.5°	7.8	7.6	7.9	7.5	7.7	8.2	8.3	8.5	9.1	9.2	9.2
45°	9.1	10.4	10.7	10.6	10.3	13.5	14.2	13.0	17.8	17.1	13.4
42.5°	14.1	15.6	16.6	19.6	24.1	27.1	35.0	48.0	43.0	32.4	20.9
40°	24.2	23.7	28.3	33.9	37.3	43.4	53.0	65.5	60.4	51.3	54.8
37.5°	42.6	43.2	44.7	52.0	54.7	48.0	62.1	61.1	51.8	66.3	68.0
35°	78.3	86.6	73.5	89.5	93.3	87.6	92.7	102.6	88.7	107.3	113.3
32.5°	140.8	155.2	155.7	159.5	172.7	185.5	189.1	215.7	224.3	246.7	270.8
30°	224.9	251.4	273.9	280.0	297.8	329.3	355.4	406.6	461.4	502.6	556.8
27.5°	405.4	381.4	431.6	492.7	473.3	519.1	613.2	687.2	796.4	875.1	917.6
25°	655.7	616.7	708.2	801.4	801.5	809.3	945.4	1064.0	1153.4	1224.5	1286.8
22.5°	951.0	999.6	1081.6	1189.8	1133.5	1184.9	1319.9	1416.3	1541.6	1664.4	2032.5
20°	1282.1	1380.4	1447.9	1431.7	1429.2	1516.7	1635.5	1821.4	2200.4	3536.7	4812.8
17.5°	1573.8	1693.2	1687.2	1619.3	1651.5	1798.3	2013.9	2735.7	4650.6	8990.6	13052.3
15°	1799.9	1853.2	1818.1	1777.5	1849.6	2069.3	2608.7	4942.9	10753.9	17703.9	25636.8
12.5°	1951.1	1930.2	1838.3	1845.0	2016.1	2324.9	4158.2	9621.2	18023.8	27893.7	47838.3
10°	2009.5	1952.3	1871.9	1946.3	2179.8	2923.0	5592.8	13358.7	26062.3	46582.2	73464.9
7.5°	1969.7	1920.9	1898.3	2029.7	2340.5	3871.1	8693.8	18894.8	37358.0	63819.9	101650.7
5°	1944.0	1911.4	1916.3	2084.4	2442.1	4568.3	10885.4	22377.6	46339.1	80489.8	128618.7
2.5°	1942.5	1923.1	1931.6	2122.5	2499.4	4925.2	12120.0	22957.6	49493.9	89557.2	150684.8
0°	1963.3	1950.6	1943.1	2130.0	2472.0	4575.9	11628.0	23889.4	51658.1	93648.2	160271.3
-2.5°	2060.3	1956.9	1952.5	2129.6	2502.2	4835.7	11916.0	23567.6	50877.0	89867.2	149987.5
-5°	2037.0	1920.1	1901.5	2050.1	2398.0	4354.5	10432.0	21765.3	44690.1	76414.5	123624.9
-7.5°	1945.0	1866.9	1833.7	1952.0	2254.5	3654.9	8090.2	17183.9	33652.5	57598.4	89084.7
-10°	1870.2	1818.6	1769.6	1851.5	2081.4	2793.1	5157.4	11528.2	22890.7	39168.1	57199.8
-12.5°	1830.8	1806.4	1718.1	1740.9	1901.5	2217.2	3608.7	7792.2	14335.4	21268.7	34744.0
-15°	1803.0	1784.5	1701.7	1696.2	1785.9	1972.6	2377.3	4041.9	8016.5	13007.9	18356.6
-17.5°	1777.8	1771.0	1727.2	1679.6	1690.8	1799.0	2021.8	2612.8	4099.6	7272.3	10729.5
-20°	1789.9	1793.9	1760.3	1710.6	1692.9	1706.9	1822.7	2026.3	2402.9	3685.6	5251.8



REPORT NUMBER: P1306061 (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°	1786.1	1797.5	1788.5	1792.1	1770.7	1738.2	1715.2	1804.2	1946.7	2174.8	2754.1
-25°	1785.7	1801.5	1868.3	1954.0	1945.0	1867.3	1786.0	1715.6	1797.1	1895.6	2039.4
-27.5°	1759.3	1861.5	2028.0	2154.3	2190.5	2105.4	1991.5	1873.1	1860.2	1857.1	1912.3
-30°	1750.6	1970.3	2166.7	2346.7	2372.1	2329.1	2276.4	2192.0	2101.5	2051.3	2024.6
-32.5°	1486.4	2018.3	2258.5	2420.4	2460.4	2458.6	2470.4	2430.4	2402.1	2369.7	2323.9
-35°	1128.5	1686.6	2274.7	2349.3	2414.5	2472.7	2550.5	2570.4	2586.1	2604.0	2620.1
-37.5°	788.0	1223.1	1711.7	2138.0	2273.5	2374.6	2512.5	2613.6	2697.8	2739.5	2789.6
-40°	652.8	773.0	1151.6	1511.9	1866.9	2194.3	2342.8	2515.1	2676.3	2765.9	2847.9
-42.5°	639.4	682.2	727.7	979.0	1279.4	1588.4	1892.0	2167.3	2460.5	2656.1	2799.9
-45°	643.7	665.3	691.9	736.0	783.1	1018.9	1273.3	1533.0	1853.4	2166.5	2439.8
-47.5°	643.2	662.9	683.9	705.3	733.4	777.4	822.6	896.1	1123.3	1363.6	1596.1
-50°	620.9	661.0	680.6	700.6	721.0	742.8	765.6	797.8	836.3	872.3	901.4
-52.5°	564.6	611.9	657.3	695.4	714.1	733.2	753.5	780.3	805.5	829.2	841.5
-55°	501.0	548.1	594.0	634.9	673.5	710.7	745.2	769.8	795.0	820.6	831.0
-57.5°	427.9	475.4	521.1	559.2	597.7	636.2	671.9	706.2	740.4	772.8	790.9
-60°	350.1	389.8	430.7	469.7	507.2	542.7	576.0	608.5	639.6	666.8	683.9
-62.5°	273.7	304.9	339.5	373.4	406.2	438.0	468.7	497.9	525.5	548.7	564.9
-65°	209.6	232.9	256.6	281.0	306.0	333.3	359.1	383.5	406.3	425.2	439.3
-67.5°	142.3	162.5	181.7	199.8	218.1	237.4	257.0	275.4	292.5	306.4	317.4
-70°	85.5	98.1	110.3	123.4	138.1	152.2	165.9	179.0	191.2	200.7	207.9
-72.5°	46.7	51.2	57.2	67.2	76.5	85.0	92.9	100.0	106.4	111.6	115.9
-75°	28.4	30.7	34.4	37.9	41.3	44.6	47.7	50.6	53.2	55.4	57.2
-77.5°	21.7	23.0	24.2	25.2	26.3	27.4	28.5	29.5	30.5	31.3	32.1
-80°	17.3	18.0	18.7	19.3	19.9	20.7	21.4	22.1	22.8	23.2	23.6
-82.5°	13.2	13.9	14.5	15.1	15.6	16.0	16.4	16.8	17.2	17.5	17.9
-85°	10.0	10.5	11.0	11.5	12.0	12.1	12.2	12.3	12.4	12.7	13.0
-87.5°	8.3	8.5	8.7	9.0	9.2	9.4	9.6	9.9	10.1	10.3	10.5
-90°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-320N-50-80-1S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.1
87.5°	0.2	0.0	0.4	0.8	0.4	0.0	0.2	0.4	0.6	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5
75°	1.7	1.7	2.1	2.5	2.1	1.7	1.7	1.7	1.7	1.8	2.1
72.5°	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.6	3.6	3.7	3.9
70°	5.5	5.8	5.9	5.9	5.9	5.8	5.5	5.2	5.0	5.1	5.5
67.5°	6.1	5.9	5.1	4.2	5.1	5.9	6.1	6.2	6.3	6.5	7.0
65°	5.2	5.1	4.7	4.2	4.7	5.1	5.2	5.3	5.5	6.1	7.0
62.5°	4.3	4.2	4.2	4.2	4.2	4.2	4.3	4.4	4.5	4.9	5.7
60°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.5	4.9
57.5°	4.7	5.0	5.1	5.1	5.1	5.0	4.7	4.4	4.2	4.4	4.7
55°	5.5	5.8	5.9	5.9	5.9	5.8	5.5	5.1	4.8	4.9	5.0
52.5°	6.1	6.0	6.2	6.7	6.2	6.0	6.1	6.2	6.1	5.9	5.8
50°	7.4	7.5	7.6	7.6	7.6	7.5	7.4	7.3	7.2	7.1	6.9
47.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.1	8.5
45°	13.8	14.0	14.4	15.2	14.4	14.0	13.8	13.4	17.1	17.8	13.0
42.5°	21.8	22.3	22.5	22.7	22.5	22.3	21.8	20.9	32.4	43.0	48.0
40°	52.0	41.4	31.0	31.2	31.0	41.4	52.0	54.8	51.3	60.4	65.5
37.5°	59.7	54.3	52.2	51.4	52.2	54.3	59.7	68.0	66.3	51.8	61.1
35°	113.1	115.1	112.5	113.7	112.5	115.1	113.1	113.3	107.3	88.7	102.6
32.5°	278.5	289.9	285.9	287.2	285.9	289.9	278.5	270.8	246.7	224.3	215.7
30°	578.7	613.4	621.3	619.0	621.3	613.4	578.7	556.8	502.6	461.4	406.6
27.5°	934.7	962.3	967.9	962.7	967.9	962.3	934.7	917.6	875.1	796.4	687.2
25°	1321.2	1347.4	1362.2	1355.2	1362.2	1347.4	1321.2	1286.8	1224.5	1153.4	1064.0
22.5°	2458.6	2577.9	2636.1	2715.4	2636.1	2577.9	2458.6	2032.5	1664.4	1541.6	1416.3
20°	7250.7	8074.9	7918.8	7748.6	7918.8	8074.9	7250.7	4812.8	3536.7	2200.4	1821.4
17.5°	18098.8	22151.4	24081.2	23295.6	24081.2	22151.4	18098.8	13052.3	8990.6	4650.6	2735.7
15°	37017.4	48340.4	54960.9	53193.6	54960.9	48340.4	37017.4	25636.8	17703.9	10753.9	4942.9
12.5°	67057.2	85052.9	98839.3	100812.8	98839.3	85052.9	67057.2	47838.3	27893.7	18023.8	9621.2
10°	105458.0	138712.4	166117.5	175065.3	166117.5	138712.4	105458.0	73464.9	46582.2	26062.3	13358.7
7.5°	151229.9	195622.3	227228.0	236013.0	227228.0	195622.3	151229.9	101650.7	63819.9	37358.0	18894.8
5°	187939.6	239029.2	274028.9	284779.3	274028.9	239029.2	187939.6	128618.7	80489.8	46339.1	22377.6
2.5°	215436.2	269024.4	308053.0	325886.2	308053.0	269024.4	215436.2	150684.8	89557.2	49493.9	22957.6
0°	226087.9	280089.6	323854.3	349198.2	323854.3	280089.6	226087.9	160271.3	93648.2	51658.1	23889.4
-2.5°	215668.1	265874.6	299576.2	316195.3	299576.2	265874.6	215668.1	149987.5	89867.2	50877.0	23567.6
-5°	179550.7	223976.7	253039.9	264772.6	253039.9	223976.7	179550.7	123624.9	76414.5	44690.1	21765.3
-7.5°	128652.4	165120.9	186784.2	196670.1	186784.2	165120.9	128652.4	89084.7	57598.4	33652.5	17183.9
-10°	83584.2	103770.0	125612.5	130287.4	125612.5	103770.0	83584.2	57199.8	39168.1	22890.7	11528.2
-12.5°	47089.3	59826.8	70682.6	74600.4	70682.6	59826.8	47089.3	34744.0	21268.7	14335.4	7792.2
-15°	25476.9	32734.2	36644.5	37606.2	36644.5	32734.2	25476.9	18356.6	13007.9	8016.5	4041.9
-17.5°	14627.1	18113.4	20108.2	21024.1	20108.2	18113.4	14627.1	10729.5	7272.3	4099.6	2612.8
-20°	7816.4	9783.5	10906.6	11733.3	10906.6	9783.5	7816.4	5251.8	3685.6	2402.9	2026.3



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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°	3590.2	4196.5	4539.1	4926.3	4539.1	4196.5	3590.2	2754.1	2174.8	1946.7	1804.2
-25°	2164.2	2245.8	2295.0	2334.7	2295.0	2245.8	2164.2	2039.4	1895.6	1797.1	1715.6
-27.5°	1959.8	1986.5	2001.9	2018.0	2001.9	1986.5	1959.8	1912.3	1857.1	1860.2	1873.1
-30°	2001.6	1974.5	1965.1	1954.8	1965.1	1974.5	2001.6	2024.6	2051.3	2101.5	2192.0
-32.5°	2277.8	2225.3	2197.0	2170.5	2197.0	2225.3	2277.8	2323.9	2369.7	2402.1	2430.4
-35°	2613.9	2590.2	2577.8	2562.1	2577.8	2590.2	2613.9	2620.1	2604.0	2586.1	2570.4
-37.5°	2798.1	2793.9	2793.2	2785.3	2793.2	2793.9	2798.1	2789.6	2739.5	2697.8	2613.6
-40°	2857.3	2855.7	2851.5	2847.6	2851.5	2855.7	2857.3	2847.9	2765.9	2676.3	2515.1
-42.5°	2838.2	2863.6	2875.9	2876.3	2875.9	2863.6	2838.2	2799.9	2656.1	2460.5	2167.3
-45°	2614.0	2743.5	2818.9	2839.2	2818.9	2743.5	2614.0	2439.8	2166.5	1853.4	1533.0
-47.5°	1803.1	1985.8	2126.6	2215.1	2126.6	1985.8	1803.1	1596.1	1363.6	1123.3	896.1
-50°	926.9	950.6	974.6	998.1	974.6	950.6	926.9	901.4	872.3	836.3	797.8
-52.5°	851.3	861.2	867.5	870.9	867.5	861.2	851.3	841.5	829.2	805.5	780.3
-55°	840.6	849.7	854.3	855.7	854.3	849.7	840.6	831.0	820.6	795.0	769.8
-57.5°	806.4	819.3	827.0	830.5	827.0	819.3	806.4	790.9	772.8	740.4	706.2
-60°	698.2	709.6	717.3	721.8	717.3	709.6	698.2	683.9	666.8	639.6	608.5
-62.5°	578.3	588.9	594.8	597.2	594.8	588.9	578.3	564.9	548.7	525.5	497.9
-65°	450.9	460.1	469.4	476.7	469.4	460.1	450.9	439.3	425.2	406.3	383.5
-67.5°	326.6	334.0	342.2	348.7	342.2	334.0	326.6	317.4	306.4	292.5	275.4
-70°	213.5	217.6	224.2	229.9	224.2	217.6	213.5	207.9	200.7	191.2	179.0
-72.5°	119.4	122.0	127.0	131.4	127.0	122.0	119.4	115.9	111.6	106.4	100.0
-75°	58.7	59.9	60.4	60.6	60.4	59.9	58.7	57.2	55.4	53.2	50.6
-77.5°	32.9	33.5	33.7	33.7	33.7	33.5	32.9	32.1	31.3	30.5	29.5
-80°	24.0	24.3	24.8	25.3	24.8	24.3	24.0	23.6	23.2	22.8	22.1
-82.5°	18.2	18.4	18.5	18.5	18.5	18.4	18.2	17.9	17.5	17.2	16.8
-85°	13.2	13.5	13.5	13.5	13.5	13.5	13.2	13.0	12.7	12.4	12.3
-87.5°	10.7	10.9	10.9	10.9	10.9	10.9	10.7	10.5	10.3	10.1	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.9	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	6.9	6.7
87.5°	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2
82.5°	0.8	0.8	0.8	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.7
80°	1.2	1.3	1.4	1.5	1.7	1.8	1.9	1.8	1.7	1.7	1.7
77.5°	1.6	1.6	1.7	1.9	2.1	2.4	2.5	2.5	2.4	2.2	2.1
75°	2.3	2.4	2.5	2.7	2.7	2.5	2.6	2.7	2.8	2.8	2.7
72.5°	4.1	4.3	4.6	5.0	5.1	5.2	5.0	4.6	4.2	3.7	3.3
70°	5.9	6.3	7.2	8.4	9.3	9.6	9.5	8.7	7.2	6.1	5.2
67.5°	7.4	7.9	9.0	10.8	12.2	13.3	14.6	15.3	14.8	13.2	9.3
65°	7.9	8.9	9.8	10.7	12.1	14.1	18.0	20.0	20.7	20.2	15.9
62.5°	6.5	7.4	8.0	8.9	10.0	12.4	17.7	21.9	25.0	24.8	19.9
60°	5.4	5.9	6.3	6.9	7.7	10.3	15.4	21.2	27.8	25.9	21.9
57.5°	5.0	5.3	5.6	5.8	5.9	8.0	12.0	17.5	23.8	23.4	21.3
55°	5.0	5.4	5.7	5.8	5.9	7.0	8.8	12.2	17.1	18.3	17.5
52.5°	5.8	5.9	6.1	6.4	6.6	6.9	7.6	9.5	10.9	12.7	13.7
50°	6.6	6.6	6.6	6.6	7.0	7.2	7.5	8.2	9.1	9.7	10.0
47.5°	8.3	8.2	7.7	7.5	7.9	7.6	7.8	7.9	8.6	9.0	9.0
45°	14.2	13.5	10.3	10.6	10.7	10.4	9.1	9.9	9.4	9.3	9.3
42.5°	35.0	27.1	24.1	19.6	16.6	15.6	14.1	14.1	13.3	11.0	11.1
40°	53.0	43.4	37.3	33.9	28.3	23.7	24.2	20.1	18.9	16.4	15.8
37.5°	62.1	48.0	54.7	52.0	44.7	43.2	42.6	34.9	25.5	30.1	29.0
35°	92.7	87.6	93.3	89.5	73.5	86.6	78.3	60.7	50.0	52.8	48.4
32.5°	189.1	185.5	172.7	159.5	155.7	155.2	140.8	107.8	99.2	92.1	78.1
30°	355.4	329.3	297.8	280.0	273.9	251.4	224.9	230.1	188.9	143.3	117.6
27.5°	613.2	519.1	473.3	492.7	431.6	381.4	405.4	427.8	319.2	232.9	174.1
25°	945.4	809.3	801.5	801.4	708.2	616.7	655.7	658.3	550.9	353.0	251.0
22.5°	1319.9	1184.9	1133.5	1189.8	1081.6	999.6	951.0	915.9	835.3	573.7	389.5
20°	1635.5	1516.7	1429.2	1431.7	1447.9	1380.4	1282.1	1188.4	1078.9	861.1	565.8
17.5°	2013.9	1798.3	1651.5	1619.3	1687.2	1693.2	1573.8	1428.3	1314.3	1157.9	767.7
15°	2608.7	2069.3	1849.6	1777.5	1818.1	1853.2	1799.9	1649.9	1538.4	1409.0	1002.4
12.5°	4158.2	2324.9	2016.1	1845.0	1838.3	1930.2	1951.1	1856.4	1712.7	1529.7	1167.4
10°	5592.8	2923.0	2179.8	1946.3	1871.9	1952.3	2009.5	1900.8	1742.3	1590.7	1308.8
7.5°	8693.8	3871.1	2340.5	2029.7	1898.3	1920.9	1969.7	1868.9	1751.5	1632.7	1426.4
5°	10885.4	4568.3	2442.1	2084.4	1916.3	1911.4	1944.0	1813.4	1744.5	1659.4	1520.0
2.5°	12120.0	4925.2	2499.4	2122.5	1931.6	1923.1	1942.5	1778.7	1731.1	1651.2	1534.8
0°	11628.0	4575.9	2472.0	2130.0	1943.1	1950.6	1963.3	1771.2	1715.6	1633.1	1527.0
-2.5°	11916.0	4835.7	2502.2	2129.6	1952.5	1956.9	2060.3	1854.2	1761.9	1651.1	1511.8
-5°	10432.0	4354.5	2398.0	2050.1	1901.5	1920.1	2037.0	1878.7	1765.6	1648.9	1473.0
-7.5°	8090.2	3654.9	2254.5	1952.0	1833.7	1866.9	1945.0	1828.7	1688.7	1579.5	1380.4
-10°	5157.4	2793.1	2081.4	1851.5	1769.6	1818.6	1870.2	1755.0	1607.7	1507.8	1273.5
-12.5°	3608.7	2217.2	1901.5	1740.9	1718.1	1806.4	1830.8	1673.4	1523.5	1435.6	1156.3
-15°	2377.3	1972.6	1785.9	1696.2	1701.7	1784.5	1803.0	1662.1	1538.9	1396.2	1032.4
-17.5°	2021.8	1799.0	1690.8	1679.6	1727.2	1771.0	1777.8	1693.7	1572.2	1371.3	921.8
-20°	1822.7	1706.9	1692.9	1710.6	1760.3	1793.9	1789.9	1735.7	1587.2	1244.8	798.5



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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°	1715.2	1738.2	1770.7	1792.1	1788.5	1797.5	1786.1	1736.9	1585.3	1069.0	658.7
-25°	1786.0	1867.3	1945.0	1954.0	1868.3	1801.5	1785.7	1690.9	1359.7	880.1	525.7
-27.5°	1991.5	2105.4	2190.5	2154.3	2028.0	1861.5	1759.3	1596.6	1089.6	699.4	513.8
-30°	2276.4	2329.1	2372.1	2346.7	2166.7	1970.3	1750.6	1278.7	856.8	551.8	500.7
-32.5°	2470.4	2458.6	2460.4	2420.4	2258.5	2018.3	1486.4	968.6	625.8	535.6	497.9
-35°	2550.5	2472.7	2414.5	2349.3	2274.7	1686.6	1128.5	721.1	565.8	522.1	497.4
-37.5°	2512.5	2374.6	2273.5	2138.0	1711.7	1223.1	788.0	610.0	550.9	519.7	494.8
-40°	2342.8	2194.3	1866.9	1511.9	1151.6	773.0	652.8	595.7	556.7	516.1	491.1
-42.5°	1892.0	1588.4	1279.4	979.0	727.7	682.2	639.4	601.5	562.5	521.8	469.8
-45°	1273.3	1018.9	783.1	736.0	691.9	665.3	643.7	608.0	568.9	506.8	444.1
-47.5°	822.6	777.4	733.4	705.3	683.9	662.9	643.2	613.0	543.2	478.4	416.3
-50°	765.6	742.8	721.0	700.6	680.6	661.0	620.9	569.6	503.8	441.1	382.7
-52.5°	753.5	733.2	714.1	695.4	657.3	611.9	564.6	513.3	455.9	397.0	342.2
-55°	745.2	710.7	673.5	634.9	594.0	548.1	501.0	451.6	399.7	346.3	295.9
-57.5°	671.9	636.2	597.7	559.2	521.1	475.4	427.9	382.0	338.7	291.6	246.9
-60°	576.0	542.7	507.2	469.7	430.7	389.8	350.1	311.5	274.2	239.8	205.3
-62.5°	468.7	438.0	406.2	373.4	339.5	304.9	273.7	246.4	219.4	190.8	158.7
-65°	359.1	333.3	306.0	281.0	256.6	232.9	209.6	185.7	161.2	136.1	109.3
-67.5°	257.0	237.4	218.1	199.8	181.7	162.5	142.3	121.7	104.5	88.4	70.5
-70°	165.9	152.2	138.1	123.4	110.3	98.1	85.5	72.6	59.1	50.3	43.2
-72.5°	92.9	85.0	76.5	67.2	57.2	51.2	46.7	41.9	36.6	30.7	26.2
-75°	47.7	44.6	41.3	37.9	34.4	30.7	28.4	26.6	24.8	23.2	21.6
-77.5°	28.5	27.4	26.3	25.2	24.2	23.0	21.7	20.6	19.7	18.7	17.7
-80°	21.4	20.7	19.9	19.3	18.7	18.0	17.3	16.6	15.9	15.1	14.4
-82.5°	16.4	16.0	15.6	15.1	14.5	13.9	13.2	12.7	12.3	11.8	11.4
-85°	12.2	12.1	12.0	11.5	11.0	10.5	10.0	9.9	9.7	9.6	9.4
-87.5°	9.6	9.4	9.2	9.0	8.7	8.5	8.3	8.2	8.1	8.0	7.9
-90°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8



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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°	6.5	6.3	6.1	5.9	5.9	5.9	5.9	5.9	5.5	5.1	4.6
87.5°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9
85°	1.3	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.1
82.5°	1.7	1.7	1.7	1.7	1.8	1.9	1.9	1.9	2.0	2.1	2.2
80°	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.4	2.5
77.5°	2.2	2.2	2.4	2.4	2.3	2.3	2.4	2.5	2.7	2.7	2.8
75°	2.5	2.4	2.5	2.5	2.6	2.5	2.5	2.6	2.8	3.0	3.0
72.5°	3.1	2.9	2.7	2.6	2.7	2.8	2.6	2.6	2.8	3.0	3.2
70°	4.3	3.6	3.2	3.0	3.0	3.1	3.0	2.9	2.8	3.1	3.3
67.5°	5.9	4.9	4.1	3.5	3.3	3.2	3.3	3.3	3.2	3.1	3.3
65°	11.3	7.6	5.0	4.3	3.7	3.4	3.4	3.6	3.5	3.4	3.3
62.5°	15.6	11.5	8.0	5.5	4.3	3.7	3.4	3.7	3.8	3.7	3.5
60°	18.4	14.0	10.7	7.8	5.4	4.1	3.8	3.9	4.0	3.9	3.7
57.5°	17.6	15.3	12.9	9.9	7.0	4.9	4.2	4.2	4.2	4.2	4.0
55°	15.5	13.6	14.1	12.0	8.7	6.0	4.9	4.6	4.5	4.5	4.2
52.5°	12.7	12.7	13.9	13.4	10.6	7.2	5.9	5.0	4.9	4.8	4.5
50°	10.2	12.1	13.8	14.2	12.4	9.3	6.8	5.7	5.2	5.1	4.8
47.5°	9.3	11.5	13.3	15.0	14.0	11.3	8.3	6.5	5.6	5.4	5.1
45°	10.3	11.2	12.9	14.6	15.6	12.9	10.0	7.2	6.2	5.7	5.4
42.5°	12.5	12.6	13.1	14.2	15.5	14.1	11.6	8.5	6.8	6.0	5.7
40°	15.6	15.3	14.1	15.3	15.5	15.2	12.7	9.9	7.3	6.4	5.9
37.5°	19.8	19.0	17.1	18.2	16.6	15.6	13.6	11.1	8.1	6.9	6.2
35°	35.8	23.7	26.7	25.2	20.6	16.4	14.3	12.1	9.3	7.4	6.5
32.5°	56.3	44.6	47.1	37.1	26.1	17.5	15.0	13.1	10.4	8.0	6.7
30°	94.4	93.6	78.0	52.2	34.6	22.6	16.6	14.3	11.5	8.5	7.0
27.5°	159.1	153.1	120.7	80.8	49.1	29.3	19.2	15.7	12.6	9.2	7.5
25°	225.5	215.0	178.5	119.7	65.8	45.6	22.2	17.3	13.7	10.1	7.9
22.5°	296.9	274.8	243.3	165.0	94.0	67.2	30.4	19.7	14.9	10.9	8.3
20°	367.2	333.9	308.7	204.0	128.9	92.3	46.0	22.3	16.1	11.7	8.8
17.5°	451.6	381.1	334.6	242.4	163.9	117.7	64.4	25.1	17.4	12.4	9.2
15°	584.0	412.6	357.5	276.3	194.2	143.0	85.0	28.0	18.8	13.0	9.5
12.5°	704.4	441.8	380.1	305.7	220.3	168.2	107.0	30.9	20.1	13.6	9.8
10°	817.2	468.7	402.1	330.9	242.7	192.9	129.6	33.8	21.4	14.2	10.1
7.5°	919.4	493.1	423.0	352.1	259.8	208.6	143.7	36.6	22.5	14.7	10.4
5°	996.3	511.1	438.7	361.6	264.2	214.0	154.2	39.2	23.6	15.2	10.6
2.5°	1003.6	520.2	450.4	366.8	267.2	217.7	162.3	41.7	24.5	15.7	10.8
0°	988.8	526.4	459.9	368.9	268.7	219.8	167.6	43.8	25.3	16.0	10.9
-2.5°	974.7	526.6	460.7	375.4	280.8	226.2	173.5	56.3	33.4	20.5	13.0
-5°	942.9	524.5	459.2	379.4	291.1	231.4	177.1	68.2	41.1	24.9	15.0
-7.5°	889.0	514.5	452.6	380.5	299.1	235.3	178.7	79.3	48.3	28.9	16.9
-10°	817.2	498.7	439.8	374.6	302.9	240.4	179.3	89.2	54.8	32.6	18.6
-12.5°	729.4	481.3	426.8	368.7	305.3	246.5	181.0	97.5	60.5	35.7	20.0
-15°	626.3	462.4	414.2	363.6	306.9	251.3	181.0	104.4	65.7	38.7	21.1
-17.5°	512.3	442.2	402.6	360.0	308.2	255.0	179.5	109.6	69.8	41.6	22.5
-20°	488.5	432.8	392.8	358.6	309.3	257.6	176.6	113.3	73.0	43.7	23.7



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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°	480.7	433.8	396.0	357.4	310.3	259.1	172.5	115.1	75.0	45.0	24.5
-25°	471.4	435.7	400.7	357.2	310.2	251.8	170.6	115.0	75.9	45.4	24.6
-27.5°	469.7	438.7	405.0	353.7	304.8	243.5	169.8	115.6	75.8	44.8	24.1
-30°	472.8	442.3	400.7	346.7	297.1	229.7	166.5	114.6	75.1	44.0	23.0
-32.5°	473.9	445.6	390.4	336.4	282.4	215.4	158.9	112.0	73.0	42.7	22.4
-35°	472.1	434.2	376.1	323.3	265.0	204.0	149.9	107.7	69.5	40.4	21.7
-37.5°	468.1	413.6	359.1	306.1	247.4	190.8	141.8	100.9	64.7	37.1	20.6
-40°	444.7	391.9	339.4	286.5	230.6	176.0	132.2	92.9	59.7	32.9	19.0
-42.5°	420.1	368.5	317.0	266.3	212.6	163.6	121.0	83.4	53.2	29.7	17.1
-45°	392.5	342.4	292.2	242.3	193.5	149.4	108.8	72.9	45.6	26.9	15.5
-47.5°	362.3	313.1	263.9	215.9	175.5	133.6	94.8	63.2	37.2	23.5	14.8
-50°	328.2	280.0	232.1	191.3	154.2	115.9	80.1	52.5	32.5	19.5	14.1
-52.5°	290.5	242.2	202.3	166.7	130.9	96.3	66.7	41.4	27.3	17.4	13.2
-55°	247.5	208.2	174.3	139.4	105.7	78.3	52.1	34.7	21.6	16.2	12.3
-57.5°	210.4	176.6	142.3	109.5	82.7	59.6	41.1	27.5	19.1	14.9	11.6
-60°	172.2	138.7	107.2	82.9	61.0	44.2	32.0	21.6	17.4	13.7	11.0
-62.5°	127.8	100.0	78.5	58.1	43.9	33.1	23.8	19.6	15.7	12.9	10.2
-65°	88.6	68.9	51.2	41.1	31.3	23.9	21.1	17.4	14.5	12.0	9.6
-67.5°	53.3	44.7	35.8	27.0	23.3	20.9	18.3	15.9	13.5	11.1	9.2
-70°	35.7	28.0	24.3	22.3	20.2	18.0	16.6	14.7	12.5	10.5	8.8
-72.5°	24.3	22.5	20.8	19.1	17.5	16.2	15.0	13.5	11.6	9.8	8.3
-75°	20.1	18.9	17.6	16.4	15.2	14.2	13.4	12.3	10.6	9.1	7.7
-77.5°	16.7	15.7	14.6	13.8	13.2	12.5	11.9	11.1	9.7	8.4	7.0
-80°	13.7	13.0	12.4	11.9	11.4	10.9	10.5	10.0	8.8	7.6	6.3
-82.5°	11.0	10.7	10.5	10.2	9.9	9.6	9.4	9.0	7.9	6.8	5.8
-85°	9.3	9.1	8.9	8.8	8.6	8.4	8.2	8.0	7.1	6.2	5.4
-87.5°	7.8	7.6	7.5	7.3	7.2	7.1	7.1	7.0	6.3	5.6	5.0
-90°	0.8	0.8	0.8	0.8	1.0	1.3	1.5	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.2	3.8	3.4	2.9	2.5	2.5	2.5
87.5°	1.9	2.0	2.2	2.3	2.5	2.5	2.5
85°	2.1	2.2	2.2	2.4	2.5	2.5	2.5
82.5°	2.3	2.3	2.3	2.4	2.5	2.6	2.5
80°	2.5	2.4	2.4	2.4	2.5	2.6	2.5
77.5°	2.8	2.6	2.4	2.4	2.5	2.6	2.5
75°	3.0	2.8	2.5	2.5	2.5	2.6	2.5
72.5°	3.2	2.9	2.7	2.5	2.5	2.6	2.5
70°	3.4	3.1	2.8	2.5	2.5	2.7	2.5
67.5°	3.4	3.3	3.0	2.6	2.6	2.7	2.5
65°	3.5	3.4	3.1	2.7	2.6	2.7	2.5
62.5°	3.5	3.5	3.3	2.8	2.6	2.7	2.5
60°	3.6	3.6	3.4	2.9	2.6	2.8	2.5
57.5°	3.7	3.6	3.5	3.0	2.7	2.8	2.5
55°	4.0	3.7	3.6	3.1	2.8	2.8	2.5
52.5°	4.2	3.8	3.6	3.2	2.9	2.8	2.5
50°	4.4	4.0	3.7	3.3	3.0	2.9	2.5
47.5°	4.6	4.2	3.8	3.4	3.0	2.9	2.5
45°	4.8	4.3	3.9	3.5	3.1	2.9	2.5
42.5°	5.1	4.5	4.0	3.6	3.2	2.9	2.5
40°	5.4	4.7	4.1	3.7	3.3	3.0	2.5
37.5°	5.7	4.8	4.3	3.8	3.4	3.0	2.5
35°	6.0	5.0	4.4	3.9	3.4	3.0	2.5
32.5°	6.2	5.2	4.5	4.0	3.5	3.1	2.5
30°	6.4	5.5	4.6	4.1	3.6	3.1	2.5
27.5°	6.6	5.7	4.7	4.2	3.6	3.1	2.5
25°	6.8	5.9	4.9	4.3	3.7	3.1	2.5
22.5°	7.0	6.1	5.0	4.4	3.8	3.2	2.5
20°	7.2	6.2	5.1	4.5	3.8	3.2	2.5
17.5°	7.4	6.4	5.3	4.6	3.9	3.2	2.5
15°	7.5	6.5	5.4	4.7	3.9	3.3	2.5
12.5°	7.7	6.6	5.5	4.7	4.0	3.3	2.5
10°	7.9	6.6	5.6	4.8	4.0	3.3	2.5
7.5°	8.0	6.7	5.7	4.9	4.1	3.3	2.5
5°	8.2	6.7	5.7	5.0	4.1	3.4	2.5
2.5°	8.3	6.7	5.8	5.0	4.2	3.4	2.5
0°	8.4	6.7	5.9	5.1	4.2	3.4	2.5
-2.5°	9.2	7.1	6.0	5.2	4.2	3.4	2.5
-5°	9.9	7.4	6.2	5.2	4.3	3.4	2.5
-7.5°	10.6	7.8	6.3	5.2	4.3	3.4	2.5
-10°	11.3	8.1	6.4	5.3	4.3	3.5	2.5
-12.5°	11.8	8.4	6.5	5.3	4.4	3.5	2.5
-15°	12.3	8.6	6.6	5.3	4.4	3.5	2.5
-17.5°	12.7	8.8	6.7	5.3	4.4	3.5	2.5
-20°	13.1	9.0	6.7	5.4	4.4	3.5	2.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.6	9.1	6.8	5.4	4.4	3.5	2.5
-25°	13.8	9.1	6.8	5.4	4.4	3.5	2.5
-27.5°	13.8	9.2	6.7	5.4	4.4	3.5	2.5
-30°	13.5	9.2	6.7	5.4	4.4	3.5	2.5
-32.5°	12.9	9.1	6.7	5.4	4.4	3.4	2.5
-35°	12.6	9.0	6.7	5.3	4.4	3.4	2.5
-37.5°	12.4	8.8	6.6	5.3	4.4	3.4	2.5
-40°	12.1	8.8	6.5	5.3	4.4	3.4	2.5
-42.5°	11.8	8.6	6.5	5.3	4.4	3.4	2.5
-45°	11.3	8.4	6.4	5.3	4.3	3.3	2.5
-47.5°	10.8	8.2	6.4	5.3	4.3	3.3	2.5
-50°	10.4	8.0	6.4	5.2	4.3	3.3	2.5
-52.5°	10.0	7.7	6.3	5.2	4.2	3.2	2.5
-55°	9.6	7.5	6.2	5.1	4.2	3.2	2.5
-57.5°	9.1	7.4	6.1	5.0	4.1	3.2	2.5
-60°	8.6	7.2	6.0	4.9	4.1	3.1	2.5
-62.5°	8.4	7.0	5.8	4.8	4.0	3.1	2.5
-65°	8.1	6.8	5.6	4.7	3.9	3.0	2.5
-67.5°	7.8	6.5	5.4	4.5	3.8	3.0	2.5
-70°	7.4	6.2	5.2	4.4	3.6	2.9	2.5
-72.5°	6.9	5.8	4.9	4.2	3.5	2.9	2.5
-75°	6.4	5.4	4.7	4.1	3.4	2.8	2.5
-77.5°	5.8	5.0	4.4	3.9	3.2	2.8	2.5
-80°	5.2	4.7	4.2	3.7	3.1	2.7	2.5
-82.5°	4.9	4.5	4.0	3.5	2.9	2.7	2.5
-85°	4.7	4.2	3.8	3.3	2.8	2.6	2.5
-87.5°	4.4	4.0	3.6	3.1	2.6	2.6	2.5
-90°	1.7	1.9	2.1	2.3	2.5	2.5	2.5

(END OF REPORT)