

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: P1306110 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-80-1S-CV2-A**

Issue Date: 2/3/2026

Test Information

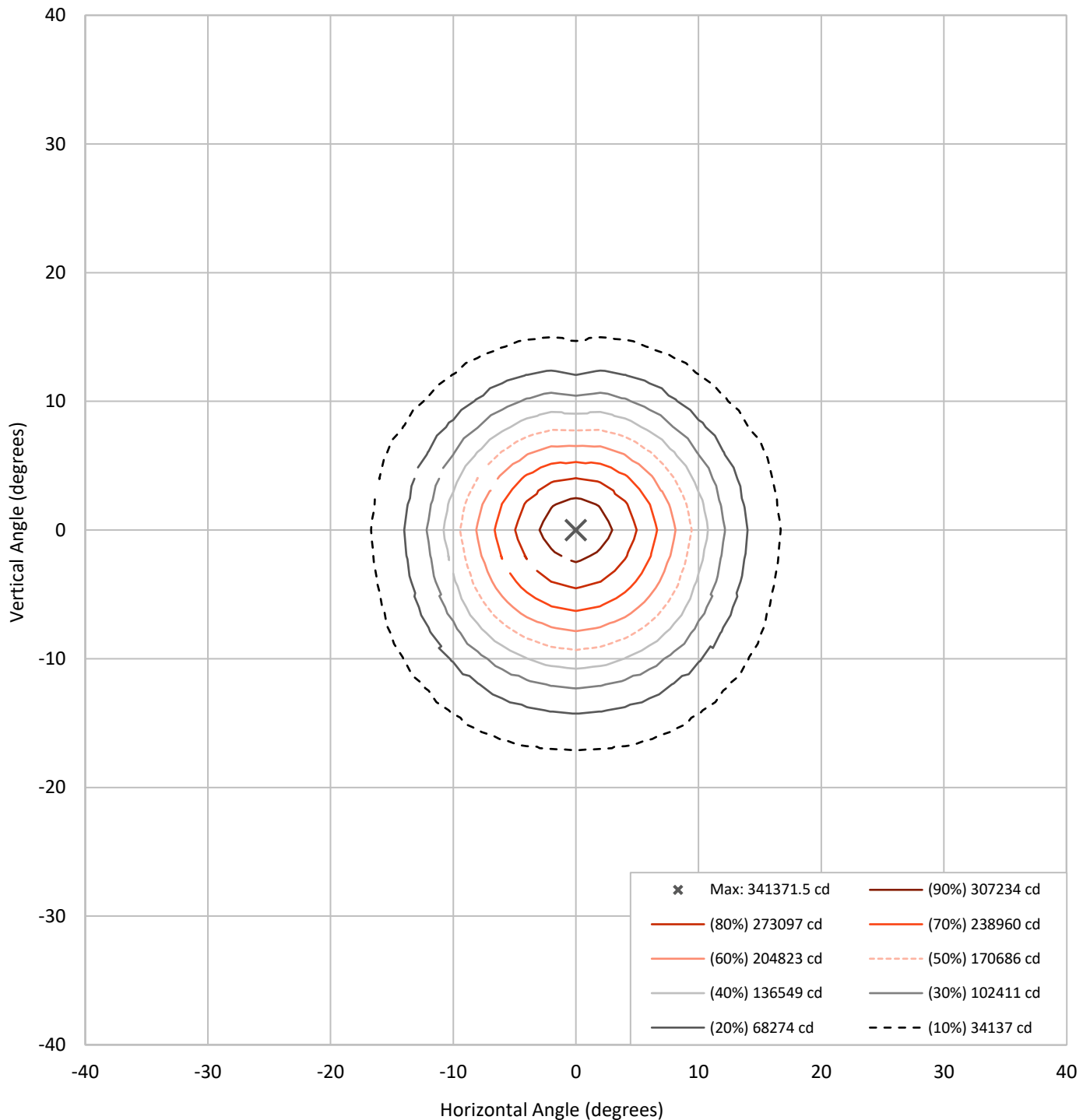
Test Method: LM-79-08
Report Number: P1306110 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-57-80-1S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 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:	39357.2 lumens	Max Intensity:	341371.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.1 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:	18128.8 lumens	Field Lumens:	33323.6 lumens
Beam Efficiency:	46.1%	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





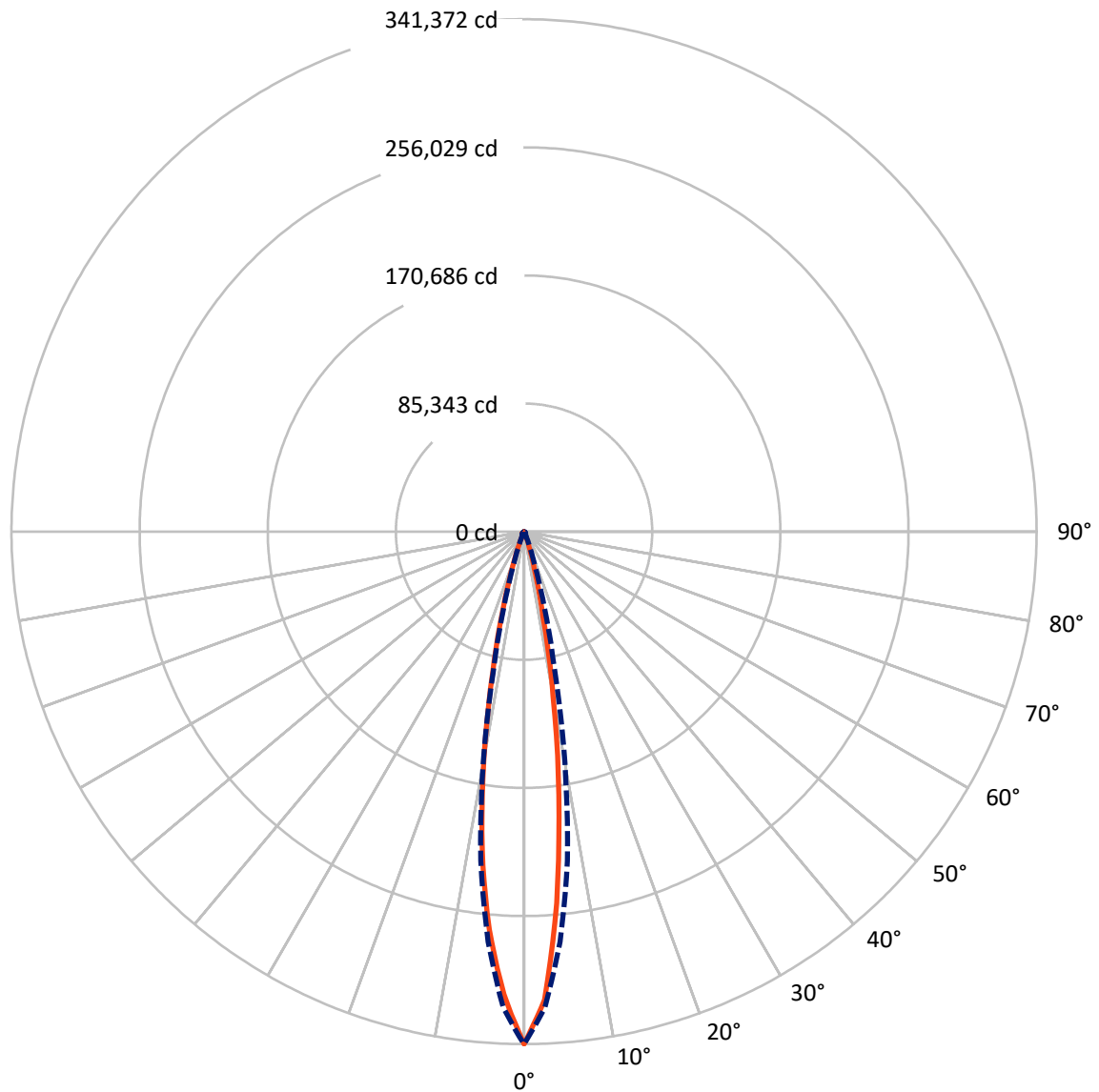
REPORT NUMBER: P1306110 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1									
80	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1									
70	0.1	0.1	0.1	0.3	0.4	0.2	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1				
50	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.3	0.2	0.1	0.1			
40		0.1	0.4	0.9	1.9	3.0	3.2	3.6	3.6	3.2	3.0	1.9	0.9	0.4	0.1				
30	0.1	0.2	1.4	4.8	12.7	15.5	20.4	38.1	38.1	20.4	15.5	12.7	4.8	1.4	0.2	0.1			
20		0.5	3.0	12.4	27.1	38.1	259.9	1045.1	1045.1	259.9	38.1	27.1	12.4	3.0	0.5				
10	0.2	0.9	5.2	24.0	40.9	94.8	1358.0	5860.4	5860.4	1358.0	94.8	40.9	24.0	5.2	0.9	0.2			
0		1.5	6.9	28.2	47.3	94.1	1473.2	6272.2	6272.2	1473.2	94.1	47.3	28.2	6.9	1.5				
-10	0.3	1.7	7.1	26.5	50.3	59.1	427.3	1618.1	1618.1	427.3	59.1	50.3	26.5	7.1	1.7	0.3			
-20		1.6	6.2	14.7	38.4	47.6	58.0	107.3	107.3	58.0	47.6	38.4	14.7	6.2	1.6				
-30	0.2	1.3	4.7	8.6	21.4	40.5	48.5	50.3	50.3	48.5	40.5	21.4	8.6	4.7	1.3	0.2			
-40		0.9	3.2	6.8	10.9	19.8	36.2	50.0	50.0	36.2	19.8	10.9	6.8	3.2	0.9				
-50	0.1	0.4	1.8	4.6	8.4	11.9	14.8	16.6	16.6	14.8	11.9	8.4	4.6	1.8	0.4	0.1			
-60		0.2	0.6	2.1	4.5	7.3	10.2	12.0	12.0	10.2	7.3	4.5	2.1	0.6	0.2				
-70	0.1	0.4	1.8	4.6	8.4	11.9	14.8	16.6	16.6	14.8	11.9	8.4	4.6	1.8	0.4	0.1			
-80		0.2	0.6	2.1	4.5	7.3	10.2	12.0	12.0	10.2	7.3	4.5	2.1	0.6	0.2				
-90	0.1	0.5	1.6	4.0	5.9	4.0	1.6	0.5	0.1										

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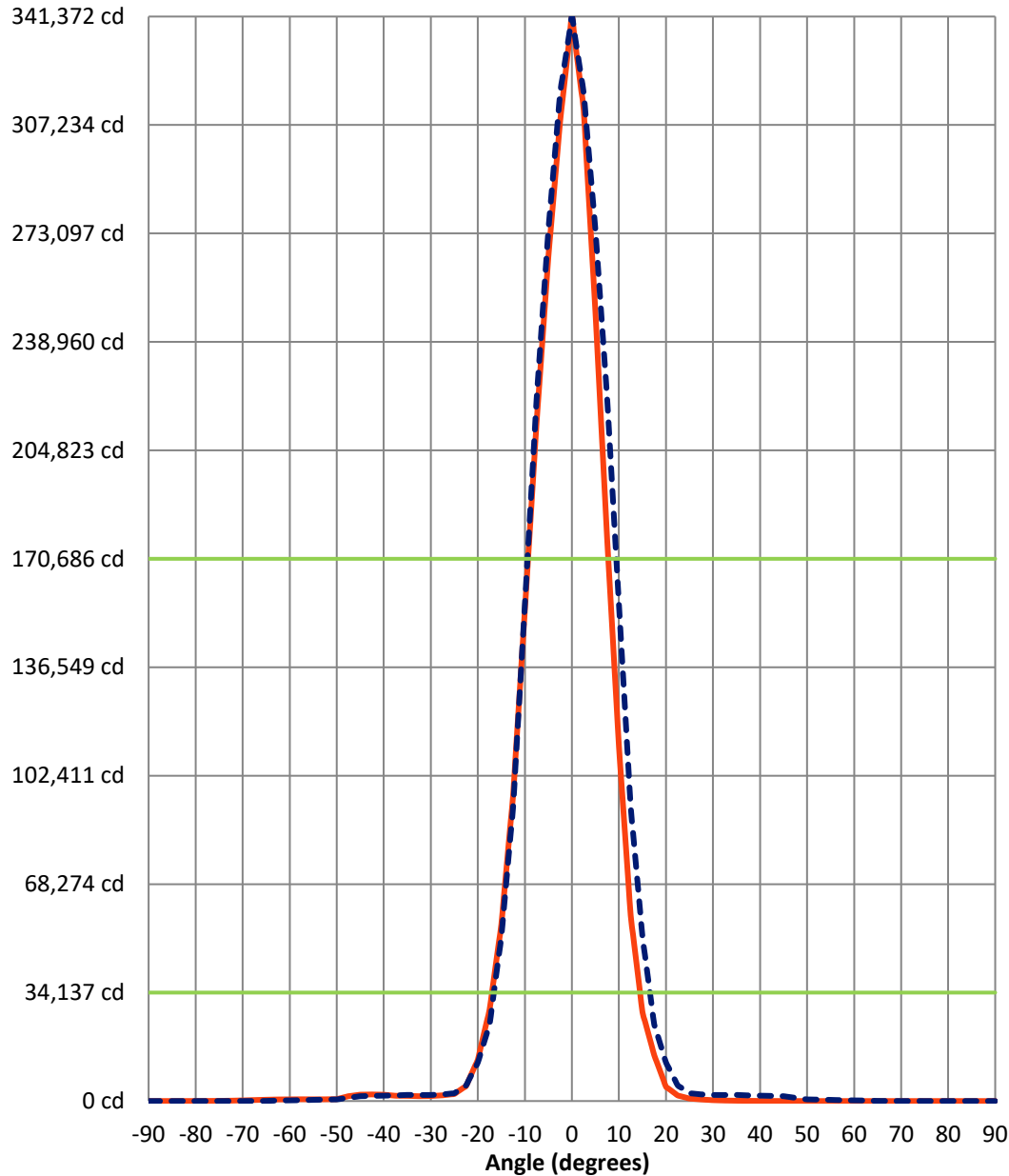
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 18.9°
V Angle: 17.1°
Lumens: 18128.8
Efficiency: 46.1%

Field:
H Angle: 33.2°
V Angle: 31.5°
Lumens: 33323.6
Efficiency: 84.7%

Spill:
Lumens: 6033.6
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°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.6	4.8	5.0
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8	3.6	3.4
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8	3.6	3.4
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8	3.7	3.6
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0	3.9	4.0
77.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.2
75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3
65°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.4	4.5	4.4
62.5°	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.6	4.6	4.4
60°	4.2	4.2	4.2	4.2	4.2	4.4	4.4	4.6	4.8	4.6	4.4
57.5°	4.2	4.2	4.2	4.2	4.3	4.4	4.5	4.8	4.8	4.7	4.5
55°	4.2	4.2	4.2	4.2	4.4	4.5	4.7	5.0	4.9	4.7	4.5
52.5°	4.2	4.2	4.2	4.2	4.4	4.6	4.8	5.0	4.9	4.7	4.6
50°	4.2	4.2	4.2	4.2	4.5	4.7	4.9	5.0	5.0	4.8	5.1
47.5°	4.2	4.2	4.2	4.2	4.6	4.8	5.0	5.0	5.0	4.8	5.7
45°	4.2	4.2	4.2	4.3	4.7	4.9	5.0	5.0	5.0	5.2	6.1
42.5°	4.2	4.2	4.2	4.4	4.8	4.9	5.0	5.0	5.1	5.5	6.6
40°	4.2	4.2	4.2	4.4	4.9	5.0	5.0	5.1	5.2	5.7	7.1
37.5°	4.2	4.2	4.2	4.5	4.9	5.0	5.0	5.2	5.5	6.1	7.4
35°	4.2	4.2	4.2	4.6	5.0	5.0	5.0	5.3	5.7	6.7	7.7
32.5°	4.2	4.2	4.2	4.6	5.0	5.0	5.0	5.4	6.0	7.4	8.6
30°	4.2	4.2	4.2	4.7	5.0	5.0	5.1	5.6	6.2	8.2	9.7
27.5°	4.2	4.2	4.2	4.7	5.0	5.0	5.2	5.8	6.6	9.1	11.0
25°	4.2	4.2	4.2	4.8	5.0	5.0	5.3	5.9	7.2	10.1	12.5
22.5°	4.2	4.2	4.2	4.8	5.0	5.0	5.4	6.1	7.9	11.2	14.7
20°	4.2	4.2	4.2	4.9	5.0	5.1	5.6	6.3	8.7	12.4	16.8
17.5°	4.2	4.2	4.2	4.9	5.0	5.2	5.7	6.4	9.4	13.6	18.8
15°	4.2	4.2	4.2	4.9	5.0	5.3	5.9	6.6	10.2	14.9	20.8
12.5°	4.2	4.2	4.2	4.9	5.0	5.4	6.0	6.9	11.0	16.2	22.6
10°	4.2	4.2	4.2	5.0	5.0	5.5	6.2	7.2	11.8	17.7	25.2
7.5°	4.2	4.2	4.2	5.0	5.0	5.6	6.3	7.5	12.5	19.3	30.0
5°	4.2	4.2	4.2	5.0	5.0	5.7	6.5	7.8	13.2	20.8	34.9
2.5°	4.2	4.2	4.2	5.0	5.0	5.8	6.6	8.1	13.8	22.2	39.7
0°	4.2	4.2	4.2	5.0	5.0	5.9	6.7	8.4	14.3	23.5	44.4
-2.5°	4.2	4.2	4.2	5.0	5.1	6.0	7.1	10.1	18.0	30.5	56.3
-5°	4.2	4.2	4.3	5.0	5.2	6.1	7.6	11.7	21.6	37.2	67.4
-7.5°	4.2	4.2	4.3	5.0	5.2	6.1	8.0	13.2	24.9	43.4	77.6
-10°	4.2	4.2	4.3	5.0	5.3	6.2	8.3	14.5	27.8	48.9	86.5
-12.5°	4.2	4.2	4.4	5.0	5.4	6.2	8.6	15.6	30.2	53.7	93.5
-15°	4.2	4.2	4.4	4.9	5.4	6.3	8.8	16.4	32.9	58.8	99.0
-17.5°	4.2	4.2	4.4	4.9	5.4	6.3	8.9	17.7	35.9	63.1	103.1
-20°	4.2	4.2	4.4	4.9	5.5	6.3	9.2	19.1	38.2	66.3	105.8



REPORT NUMBER: P1306110 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-80-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.2	4.2	4.5	4.9	5.5	6.4	9.8	20.0	39.7	68.6	107.1
-25°	4.2	4.2	4.5	4.9	5.5	6.5	10.1	20.3	40.3	69.8	106.7
-27.5°	4.2	4.2	4.5	4.9	5.5	6.7	10.2	20.0	40.0	70.1	107.7
-30°	4.2	4.2	4.5	4.9	5.4	6.9	9.9	19.0	39.4	69.6	107.2
-32.5°	4.2	4.2	4.5	4.9	5.5	6.9	9.5	18.6	38.3	67.8	105.3
-35°	4.2	4.2	4.5	4.9	5.5	7.0	9.3	18.0	36.2	64.6	101.9
-37.5°	4.2	4.2	4.5	5.0	5.5	7.0	9.4	17.0	33.2	60.1	92.9
-40°	4.2	4.2	4.5	5.0	5.4	6.9	9.3	15.5	29.2	55.4	83.2
-42.5°	4.2	4.2	4.5	5.0	5.4	6.9	9.1	13.6	26.1	48.1	72.8
-45°	4.2	4.2	4.4	5.0	5.5	6.8	8.9	12.2	23.4	40.1	62.0
-47.5°	4.2	4.2	4.4	5.1	5.5	6.7	8.6	11.7	20.1	31.7	52.5
-50°	4.2	4.2	4.4	5.0	5.5	6.5	8.3	11.2	15.8	26.9	42.5
-52.5°	4.2	4.2	4.3	4.9	5.5	6.3	8.1	10.5	13.8	21.8	32.6
-55°	4.2	4.2	4.3	4.9	5.4	6.2	7.7	9.8	12.7	16.5	26.6
-57.5°	4.2	4.2	4.2	4.8	5.4	6.1	7.4	9.3	11.6	14.3	20.4
-60°	4.2	4.2	4.2	4.7	5.3	6.0	7.0	8.8	10.6	13.0	15.5
-62.5°	4.2	4.2	4.2	4.6	5.2	5.8	6.8	8.2	9.9	11.7	14.1
-65°	4.2	4.2	4.2	4.6	5.1	5.7	6.5	7.6	9.2	10.8	12.6
-67.5°	4.2	4.2	4.2	4.5	5.0	5.5	6.2	7.2	8.5	10.0	11.5
-70°	4.2	4.2	4.2	4.4	4.9	5.3	5.9	6.8	7.9	9.2	10.6
-72.5°	4.2	4.2	4.2	4.4	4.7	5.2	5.6	6.3	7.3	8.4	9.6
-75°	4.2	4.2	4.2	4.3	4.6	5.0	5.4	6.0	6.7	7.6	8.7
-77.5°	4.2	4.2	4.2	4.3	4.5	4.8	5.2	5.7	6.3	6.9	7.7
-80°	4.2	4.2	4.2	4.3	4.5	4.7	5.0	5.4	5.9	6.4	6.9
-82.5°	4.2	4.2	4.2	4.3	4.4	4.6	4.8	5.1	5.5	5.9	6.3
-85°	4.2	4.2	4.2	4.3	4.3	4.5	4.6	4.9	5.2	5.5	5.8
-87.5°	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.6	4.9	5.1	5.4
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8	3.6	3.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	3.4	3.4	3.4	3.4	3.2	3.0	2.7	2.5	2.5	2.5	2.5
85°	3.4	3.4	3.4	3.4	3.2	3.0	2.7	2.5	2.5	2.5	2.5
82.5°	3.6	3.6	3.5	3.4	3.2	3.0	2.8	2.6	2.6	2.6	2.6
80°	3.9	3.8	3.6	3.4	3.3	3.2	3.2	3.2	3.2	3.0	2.8
77.5°	4.0	3.8	3.6	3.5	3.4	3.5	3.5	3.4	3.2	3.0	2.8
75°	4.1	3.9	3.8	3.8	3.8	3.8	3.7	3.5	3.3	3.2	3.2
72.5°	4.1	4.0	4.1	4.2	4.1	3.9	3.7	3.5	3.7	4.1	4.4
70°	4.2	4.2	4.2	4.2	4.1	4.0	4.2	4.8	5.5	6.3	7.8
67.5°	4.2	4.2	4.2	4.2	4.2	4.5	5.1	8.2	11.9	13.4	14.1
65°	4.2	4.2	4.2	4.2	4.2	6.5	9.9	14.2	18.7	19.6	19.0
62.5°	4.2	4.2	4.2	4.8	6.8	9.9	13.9	18.5	23.8	24.0	20.9
60°	4.3	4.2	5.0	6.9	9.2	12.3	16.9	20.6	24.5	26.2	20.0
57.5°	4.3	4.8	6.6	8.8	11.2	13.6	16.3	19.9	21.8	22.0	16.2
55°	4.7	5.9	8.0	10.5	12.5	12.3	14.3	15.9	16.6	15.7	11.2
52.5°	5.5	7.0	9.4	11.8	12.5	11.6	11.2	12.2	11.8	10.1	8.2
50°	6.3	8.2	10.7	12.7	12.5	10.7	9.0	9.5	9.1	7.9	6.7
47.5°	7.1	9.3	12.3	13.5	12.0	10.7	9.3	8.8	8.3	8.5	7.5
45°	7.9	10.4	13.6	13.3	12.3	11.8	10.7	9.1	10.7	10.9	10.6
42.5°	8.5	11.3	13.6	13.3	14.0	13.7	12.7	13.4	14.1	14.8	15.1
40°	9.1	12.0	13.8	15.8	16.1	16.0	17.4	18.6	18.6	19.8	20.8
37.5°	9.6	12.6	15.4	20.1	18.6	20.1	22.9	25.2	26.5	25.5	28.6
35°	9.8	13.7	20.9	25.8	24.4	25.7	30.0	34.7	39.4	36.7	42.0
32.5°	10.6	15.2	27.9	32.3	37.0	37.3	38.0	51.2	61.2	65.8	68.2
30°	12.4	21.6	35.7	39.8	54.7	57.8	57.3	73.6	92.1	136.3	170.1
27.5°	15.0	29.5	42.9	55.4	76.5	82.0	89.8	108.6	165.4	249.3	344.3
25°	17.6	39.7	50.8	76.5	100.0	111.2	124.6	153.0	267.9	456.0	524.8
22.5°	23.0	51.0	63.5	100.4	125.9	141.3	165.7	234.7	393.5	682.5	701.1
20°	31.8	61.6	82.1	123.2	154.2	171.1	206.6	319.6	533.2	743.8	825.7
17.5°	41.0	73.3	102.5	146.1	184.9	208.8	252.6	400.3	642.0	823.0	919.6
15°	50.5	85.9	121.3	171.4	218.4	256.2	343.3	509.3	717.5	916.6	1055.5
12.5°	60.0	99.1	138.5	198.4	254.3	303.5	453.1	689.6	882.2	1042.4	1225.9
10°	69.3	112.6	154.3	226.3	291.8	350.2	574.0	883.7	1073.5	1214.8	1375.6
7.5°	91.8	133.2	171.8	254.2	329.8	396.0	700.2	1084.7	1247.4	1362.5	1483.6
5°	117.3	160.9	205.4	295.8	371.3	439.7	823.0	1284.5	1407.0	1490.5	1565.8
2.5°	142.4	187.5	238.3	337.1	412.6	479.9	926.6	1414.6	1519.5	1599.0	1659.0
0°	166.1	213.0	270.0	375.7	451.2	517.4	1015.6	1524.7	1619.4	1699.1	1771.2
-2.5°	179.3	233.6	293.8	390.4	455.6	519.8	946.3	1487.1	1628.6	1734.8	1842.5
-5°	189.6	252.6	315.8	402.8	458.7	519.9	865.1	1422.3	1639.5	1771.6	1903.1
-7.5°	197.0	269.6	335.9	412.9	462.4	522.0	860.7	1445.3	1704.9	1824.6	1953.7
-10°	200.2	275.9	340.0	415.0	466.9	524.3	850.0	1434.7	1767.9	1879.8	1995.7
-12.5°	193.9	272.9	338.8	414.3	470.6	524.1	806.5	1386.7	1830.9	1940.3	2016.3
-15°	186.7	268.5	334.8	410.8	473.8	521.4	725.7	1299.0	1842.3	1912.4	1987.4
-17.5°	179.0	262.7	327.6	404.4	476.5	516.2	598.1	1077.7	1652.4	1820.9	1940.0
-20°	171.2	255.7	317.1	395.0	476.9	498.9	540.6	865.0	1349.2	1689.1	1846.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	163.7	247.6	305.2	382.2	445.3	472.9	503.3	667.6	1032.8	1519.5	1680.1
-25°	160.2	235.1	294.3	355.6	413.0	445.6	463.2	508.1	772.7	1199.4	1496.0
-27.5°	159.0	224.3	277.9	330.0	385.1	416.1	429.8	463.0	606.4	890.9	1291.6
-30°	155.8	207.8	260.6	306.7	357.4	387.5	398.6	427.9	476.9	683.0	973.6
-32.5°	146.5	190.7	241.5	286.8	330.9	365.5	380.5	407.0	442.3	505.3	713.8
-35°	134.8	176.2	221.7	266.2	306.7	344.5	370.8	390.0	414.0	445.8	548.1
-37.5°	124.5	161.0	201.7	244.7	283.7	322.6	359.8	377.4	396.2	420.5	463.4
-40°	113.2	145.2	183.6	222.8	261.0	298.9	335.1	366.6	381.6	406.7	436.1
-42.5°	101.0	131.7	165.7	201.0	237.4	273.2	309.0	342.6	374.9	394.7	418.3
-45°	88.8	117.3	147.7	180.7	213.2	246.7	280.3	314.9	354.8	389.4	406.6
-47.5°	75.8	102.2	130.8	160.0	190.1	220.3	250.8	288.1	328.0	365.4	401.7
-50°	62.7	87.0	113.4	140.9	167.7	194.8	222.6	261.5	300.1	336.5	371.2
-52.5°	51.1	71.2	96.2	122.2	146.8	170.9	199.4	234.9	271.7	307.8	340.7
-55°	39.0	57.3	78.0	102.5	127.1	149.0	176.6	208.9	242.2	276.9	309.3
-57.5°	30.0	43.4	61.3	81.4	104.9	129.3	155.9	182.8	213.2	244.6	273.2
-60°	22.8	32.1	45.3	62.2	80.7	104.8	133.7	160.4	185.9	210.9	237.7
-62.5°	16.4	23.8	32.5	43.9	59.7	78.4	102.8	130.3	159.9	181.6	202.7
-65°	14.8	16.9	23.0	31.1	39.4	54.8	73.2	93.9	118.8	140.8	163.4
-67.5°	13.1	15.1	17.1	20.2	27.7	35.9	44.5	60.9	79.0	94.3	110.3
-70°	11.9	13.3	15.1	16.9	18.8	22.5	29.7	37.3	44.8	53.3	66.2
-72.5°	10.7	11.9	13.2	14.7	16.4	18.2	20.2	22.4	26.8	32.3	37.6
-75°	9.5	10.4	11.3	12.5	13.8	15.3	16.9	18.6	20.1	21.5	22.9
-77.5°	8.3	8.9	9.6	10.4	11.2	12.2	13.4	14.7	15.8	16.9	17.9
-80°	7.2	7.5	7.9	8.5	9.1	9.8	10.4	11.1	11.7	12.5	13.3
-82.5°	6.4	6.5	6.6	6.8	7.3	7.7	8.2	8.8	9.1	9.5	9.9
-85°	5.6	5.5	5.4	5.4	5.8	6.2	6.5	6.9	7.1	7.2	7.4
-87.5°	5.3	5.2	5.1	5.0	5.1	5.3	5.5	5.6	5.7	5.7	5.7
-90°	3.4	3.4	3.4	3.4	3.2	3.0	2.7	2.5	2.5	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.0	5.2	5.5	5.7	5.9	6.3	6.7	7.1	7.5	10.6	13.8
87.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8
85°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8
82.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.8	0.8
80°	2.5	2.3	2.1	1.9	1.7	1.6	1.6	1.6	1.6	1.4	1.2
77.5°	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.5	1.3
75°	3.3	3.3	3.2	3.0	2.6	2.4	2.2	1.9	1.7	1.7	1.7
72.5°	4.6	4.5	4.2	4.1	3.7	3.5	3.4	3.3	3.1	3.1	3.2
70°	8.6	8.7	8.4	7.5	6.4	5.7	5.3	4.8	4.2	4.2	4.4
67.5°	13.6	12.4	11.5	10.3	8.7	7.5	6.9	6.3	5.7	5.5	5.7
65°	17.1	13.5	11.6	10.2	9.1	8.1	7.3	6.5	5.7	5.2	5.1
62.5°	17.1	12.2	9.8	8.7	7.9	7.3	6.2	5.2	4.4	3.9	3.9
60°	14.7	10.1	7.4	6.4	5.6	5.0	4.5	4.0	3.7	3.4	3.5
57.5°	11.2	7.2	5.0	4.9	4.7	4.4	4.2	4.0	3.7	3.4	3.6
55°	7.8	6.0	5.0	5.1	5.2	5.1	4.8	4.5	4.2	3.9	4.1
52.5°	6.2	6.0	6.3	6.4	5.9	5.4	5.0	5.0	5.1	5.2	5.4
50°	6.6	6.9	7.0	6.6	6.3	6.1	5.8	6.1	6.5	6.8	7.0
47.5°	7.6	8.0	8.2	7.4	7.5	8.0	7.7	7.8	9.4	10.6	11.4
45°	10.0	11.3	11.5	11.6	11.5	12.7	13.3	14.0	17.1	18.3	18.3
42.5°	15.5	17.3	18.5	19.8	18.8	22.2	27.1	30.4	29.5	28.4	28.7
40°	23.4	26.8	31.6	34.3	37.2	41.0	42.3	36.7	35.8	40.4	40.8
37.5°	35.5	44.8	55.1	62.9	64.3	62.6	60.6	59.7	61.0	64.0	68.5
35°	58.4	80.2	89.6	94.6	97.7	88.5	85.0	88.3	85.4	93.8	96.7
32.5°	103.5	131.5	139.8	143.5	151.0	141.8	121.2	145.5	136.3	135.0	144.3
30°	164.1	203.3	236.9	239.4	234.0	232.5	244.3	247.5	236.5	236.4	273.4
27.5°	314.4	323.3	382.8	409.8	342.4	347.6	379.7	362.6	402.5	441.0	471.4
25°	497.9	505.3	609.3	593.4	522.1	542.4	561.2	557.5	603.7	650.0	702.6
22.5°	666.5	696.7	782.2	760.1	728.3	737.1	754.4	788.6	850.8	944.8	1189.9
20°	801.1	820.7	862.2	881.1	882.9	900.2	955.2	1049.5	1243.1	1878.0	2644.4
17.5°	930.7	900.4	950.3	983.0	1018.3	1081.5	1209.5	1595.7	2529.1	4453.4	6339.1
15°	1119.1	1100.4	1071.1	1115.8	1213.9	1342.9	1641.9	3054.3	6225.1	9833.3	13584.7
12.5°	1324.3	1299.6	1259.1	1296.8	1445.8	1675.6	3081.1	6660.4	11728.9	18197.6	30797.9
10°	1487.9	1476.8	1451.6	1531.7	1726.1	2418.7	4908.1	10540.1	18076.7	33082.4	51425.3
7.5°	1588.1	1582.9	1604.5	1735.6	2000.4	3532.2	8023.4	15865.6	29109.3	49941.1	80733.6
5°	1697.5	1689.6	1724.3	1883.3	2196.6	4246.2	10456.8	20649.5	40372.7	69194.2	113911.5
2.5°	1814.8	1796.8	1832.5	2013.7	2350.2	4404.6	11003.1	22082.4	47058.8	84035.4	143947.7
0°	1933.1	1896.2	1915.5	2096.6	2464.8	4923.7	12135.2	24147.9	51785.4	92621.8	156342.4
-2.5°	1942.7	1880.2	1899.3	2066.7	2419.3	4239.3	10535.9	22244.7	49218.1	86179.5	143173.6
-5°	1959.1	1877.5	1872.1	2018.8	2354.5	3867.6	8938.6	20344.4	43484.7	75837.0	125225.1
-7.5°	1989.4	1893.0	1846.6	1955.2	2251.7	3362.1	7292.5	16936.0	35178.9	61853.2	97642.5
-10°	2039.3	1935.7	1859.8	1907.5	2121.9	2742.1	4825.1	12309.5	26628.8	46633.9	70892.9
-12.5°	2100.8	2052.9	1939.0	1873.1	1990.9	2326.9	3792.6	9196.8	18709.1	29503.3	47200.3
-15°	2129.3	2147.4	2065.1	1934.0	1941.8	2149.6	2652.5	5035.5	11744.0	19586.9	28317.0
-17.5°	2090.5	2176.1	2081.0	1930.6	1869.6	1992.8	2228.0	3101.7	5426.9	10464.5	15584.6
-20°	1977.3	2005.3	1985.9	1895.5	1831.6	1838.3	1954.7	2181.3	2634.9	4284.0	6096.3



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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°	1767.5	1785.6	1780.5	1847.3	1775.6	1743.3	1768.7	1856.5	1997.3	2211.3	2811.0
-25°	1588.8	1581.2	1622.5	1734.3	1751.9	1674.0	1653.6	1660.0	1740.1	1835.0	1966.4
-27.5°	1418.2	1469.8	1560.6	1674.2	1723.4	1671.0	1605.1	1562.0	1600.5	1630.5	1689.5
-30°	1275.5	1408.9	1504.1	1607.4	1681.6	1673.3	1609.1	1588.0	1569.8	1548.7	1563.6
-32.5°	1048.3	1335.3	1433.5	1518.0	1607.9	1644.3	1643.8	1634.9	1643.1	1625.8	1587.3
-35°	814.7	1124.0	1379.2	1426.1	1484.2	1570.0	1635.9	1646.3	1656.2	1655.8	1646.5
-37.5°	584.5	872.0	1130.6	1320.8	1389.0	1451.9	1574.6	1640.1	1661.5	1695.5	1707.9
-40°	479.3	565.5	824.1	1056.7	1213.6	1404.1	1531.5	1650.1	1772.1	1843.4	1883.8
-42.5°	447.8	483.6	521.5	700.4	924.1	1133.3	1333.1	1558.9	1732.2	1866.8	2001.0
-45°	425.1	448.1	473.3	508.4	543.6	720.8	924.4	1128.7	1320.5	1513.8	1699.4
-47.5°	416.0	424.5	442.0	462.1	485.5	516.5	545.9	591.4	749.7	906.4	1074.6
-50°	401.6	422.7	430.3	437.6	456.5	474.7	488.8	508.0	527.1	539.1	555.0
-52.5°	371.1	398.3	421.6	442.9	455.2	465.8	475.1	490.9	505.7	518.5	527.4
-55°	339.6	367.7	394.6	420.8	445.3	468.9	489.3	500.7	512.1	523.6	528.4
-57.5°	302.6	332.2	361.2	388.5	415.3	441.4	464.7	485.6	505.7	524.3	535.9
-60°	263.8	289.1	318.3	348.7	376.7	402.5	428.1	452.3	474.7	493.8	505.7
-62.5°	226.0	250.1	274.2	301.6	331.9	361.1	384.3	407.8	431.5	452.2	467.3
-65°	185.1	205.2	224.5	245.1	266.9	290.4	314.8	338.9	362.3	382.1	396.9
-67.5°	129.2	148.5	166.4	184.0	200.3	216.8	234.4	252.3	270.0	285.6	298.9
-70°	78.8	90.5	100.9	112.1	125.6	139.4	153.3	166.1	177.7	187.3	195.0
-72.5°	42.7	47.1	52.2	60.5	68.2	76.4	84.9	92.7	99.9	106.5	112.5
-75°	24.4	26.4	30.0	33.2	36.0	39.5	43.3	47.0	50.5	53.9	57.0
-77.5°	19.0	20.0	21.0	21.9	22.8	24.1	25.5	27.0	28.5	31.0	33.7
-80°	14.2	14.8	15.5	16.1	16.8	17.6	18.5	19.3	20.0	21.1	22.2
-82.5°	10.3	10.6	10.9	11.2	11.4	12.0	12.6	13.2	13.8	14.9	16.1
-85°	7.5	7.6	7.7	7.8	7.9	8.2	8.5	8.8	9.0	10.1	11.2
-87.5°	5.7	5.8	5.8	5.9	5.9	6.1	6.3	6.5	6.7	7.8	8.9
-90°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.6	0.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	16.9	20.1	23.0	26.0	23.0	20.1	16.9	13.8	10.6	7.5	7.1
87.5°	0.8	0.8	0.4	0.0	0.4	0.8	0.8	0.8	0.8	0.8	1.0
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
80°	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4	1.6	1.6
77.5°	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.3	1.5	1.7	1.9
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
72.5°	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.1	3.1	3.3
70°	4.7	4.9	5.4	5.9	5.4	4.9	4.7	4.4	4.2	4.2	4.8
67.5°	5.8	5.9	5.1	4.2	5.1	5.9	5.8	5.7	5.5	5.7	6.3
65°	5.1	5.0	4.6	4.2	4.6	5.0	5.1	5.1	5.2	5.7	6.5
62.5°	4.0	4.2	4.2	4.2	4.2	4.2	4.0	3.9	3.9	4.4	5.2
60°	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.4	3.7	4.0
57.5°	3.8	4.1	4.2	4.2	4.2	4.1	3.8	3.6	3.4	3.7	4.0
55°	4.2	4.2	4.5	5.0	4.5	4.2	4.2	4.1	3.9	4.2	4.5
52.5°	5.6	5.8	5.9	5.9	5.9	5.8	5.6	5.4	5.2	5.1	5.0
50°	7.2	7.4	7.5	7.5	7.5	7.4	7.2	7.0	6.8	6.5	6.1
47.5°	12.0	12.3	12.8	13.4	12.8	12.3	12.0	11.4	10.6	9.4	7.8
45°	19.1	19.6	20.4	21.8	20.4	19.6	19.1	18.3	18.3	17.1	14.0
42.5°	30.3	31.1	32.0	33.5	32.0	31.1	30.3	28.7	28.4	29.5	30.4
40°	41.8	42.3	42.9	44.4	42.9	42.3	41.8	40.8	40.4	35.8	36.7
37.5°	70.6	67.6	64.4	71.3	64.4	67.6	70.6	68.5	64.0	61.0	59.7
35°	96.3	98.1	100.9	105.7	100.9	98.1	96.3	96.7	93.8	85.4	88.3
32.5°	146.1	154.0	157.6	162.7	157.6	154.0	146.1	144.3	135.0	136.3	145.5
30°	290.6	290.1	266.7	270.9	266.7	290.1	290.6	273.4	236.4	236.5	247.5
27.5°	481.1	486.9	484.3	496.5	484.3	486.9	481.1	471.4	441.0	402.5	362.6
25°	748.8	773.9	769.0	793.4	769.0	773.9	748.8	702.6	650.0	603.7	557.5
22.5°	1491.2	1606.6	1604.8	1758.6	1604.8	1606.6	1491.2	1189.9	944.8	850.8	788.6
20°	3983.0	4770.9	4446.2	4506.0	4446.2	4770.9	3983.0	2644.4	1878.0	1243.1	1049.5
17.5°	9184.9	11854.9	13014.3	14463.2	13014.3	11854.9	9184.9	6339.1	4453.4	2529.1	1595.7
15°	20967.5	28080.9	31639.1	28007.3	31639.1	28080.9	20967.5	13584.7	9833.3	6225.1	3054.3
12.5°	43899.7	56389.4	65022.8	58397.3	65022.8	56389.4	43899.7	30797.9	18197.6	11728.9	6660.4
10°	75840.6	98846.4	117859.5	111593.2	117859.5	98846.4	75840.6	51425.3	33082.4	18076.7	10540.1
7.5°	116592.2	153757.3	176953.7	176781.9	176953.7	153757.3	116592.2	80733.6	49941.1	29109.3	15865.6
5°	167740.7	215290.9	244826.9	248388.6	244826.9	215290.9	167740.7	113911.5	69194.2	40372.7	20649.5
2.5°	205612.7	257166.3	297496.1	312042.4	297496.1	257166.3	205612.7	143947.7	84035.4	47058.8	22082.4
0°	221075.2	274223.8	317334.2	341371.5	317334.2	274223.8	221075.2	156342.4	92621.8	51785.4	24147.9
-2.5°	208925.5	258013.9	293570.7	308463.1	293570.7	258013.9	208925.5	143173.6	86179.5	49218.1	22244.7
-5°	182420.1	228650.1	256079.0	265819.8	256079.0	228650.1	182420.1	125225.1	75837.0	43484.7	20344.4
-7.5°	142753.9	181452.8	205130.8	213682.9	205130.8	181452.8	142753.9	97642.5	61853.2	35178.9	16936.0
-10°	98857.6	127623.1	148180.3	154556.9	148180.3	127623.1	98857.6	70892.9	46633.9	26628.8	12309.5
-12.5°	63699.2	80766.1	92155.2	96303.5	92155.2	80766.1	63699.2	47200.3	29503.3	18709.1	9196.8
-15°	38751.7	48254.6	53770.3	55628.9	53770.3	48254.6	38751.7	28317.0	19586.9	11744.0	5035.5
-17.5°	21352.0	25938.3	27624.4	28810.8	27624.4	25938.3	21352.0	15584.6	10464.5	5426.9	3101.7
-20°	9565.7	11556.8	12533.8	13035.0	12533.8	11556.8	9565.7	6096.3	4284.0	2634.9	2181.3



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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°	3688.3	4269.7	4531.6	4746.7	4531.6	4269.7	3688.3	2811.0	2211.3	1997.3	1856.5
-25°	2080.8	2161.5	2198.3	2222.4	2198.3	2161.5	2080.8	1966.4	1835.0	1740.1	1660.0
-27.5°	1731.6	1778.2	1810.2	1804.8	1810.2	1778.2	1731.6	1689.5	1630.5	1600.5	1562.0
-30°	1564.7	1579.1	1591.1	1581.7	1591.1	1579.1	1564.7	1563.6	1548.7	1569.8	1588.0
-32.5°	1560.2	1545.4	1537.0	1534.7	1537.0	1545.4	1560.2	1587.3	1625.8	1643.1	1634.9
-35°	1636.0	1629.3	1625.1	1627.8	1625.1	1629.3	1636.0	1646.5	1655.8	1656.2	1646.3
-37.5°	1709.5	1699.7	1684.8	1673.1	1684.8	1699.7	1709.5	1707.9	1695.5	1661.5	1640.1
-40°	1891.6	1926.8	1971.5	1996.0	1971.5	1926.8	1891.6	1883.8	1843.4	1772.1	1650.1
-42.5°	2040.8	2066.5	2078.1	2077.3	2078.1	2066.5	2040.8	2001.0	1866.8	1732.2	1558.9
-45°	1840.1	1943.0	1998.6	2009.4	1998.6	1943.0	1840.1	1699.4	1513.8	1320.5	1128.7
-47.5°	1255.8	1422.9	1521.0	1533.9	1521.0	1422.9	1255.8	1074.6	906.4	749.7	591.4
-50°	576.7	599.1	607.3	601.3	607.3	599.1	576.7	555.0	539.1	527.1	508.0
-52.5°	535.9	544.5	549.0	550.2	549.0	544.5	535.9	527.4	518.5	505.7	490.9
-55°	532.8	537.5	540.7	543.4	540.7	537.5	532.8	528.4	523.6	512.1	500.7
-57.5°	546.8	556.9	561.7	563.6	561.7	556.9	546.8	535.9	524.3	505.7	485.6
-60°	516.6	526.4	530.0	530.9	530.0	526.4	516.6	505.7	493.8	474.7	452.3
-62.5°	481.4	494.4	499.3	500.7	499.3	494.4	481.4	467.3	452.2	431.5	407.8
-65°	409.8	420.8	421.6	418.5	421.6	420.8	409.8	396.9	382.1	362.3	338.9
-67.5°	310.8	321.2	321.7	318.7	321.7	321.2	310.8	298.9	285.6	270.0	252.3
-70°	201.2	205.9	206.9	206.3	206.9	205.9	201.2	195.0	187.3	177.7	166.1
-72.5°	117.7	122.2	121.3	119.1	121.3	122.2	117.7	112.5	106.5	99.9	92.7
-75°	59.8	62.2	63.1	63.7	63.1	62.2	59.8	57.0	53.9	50.5	47.0
-77.5°	36.3	39.0	39.8	40.3	39.8	39.0	36.3	33.7	31.0	28.5	27.0
-80°	23.2	24.2	24.3	24.3	24.3	24.2	23.2	22.2	21.1	20.0	19.3
-82.5°	17.3	18.4	18.9	19.3	18.9	18.4	17.3	16.1	14.9	13.8	13.2
-85°	12.3	13.4	13.8	14.3	13.8	13.4	12.3	11.2	10.1	9.0	8.8
-87.5°	9.9	10.9	11.3	11.7	11.3	10.9	9.9	8.9	7.8	6.7	6.5
-90°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	1.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.7	6.3	5.9	5.7	5.5	5.2	5.0	5.0	5.0	5.0	5.0
87.5°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5
85°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5
82.5°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.6	2.6	2.6
80°	1.6	1.6	1.7	1.9	2.1	2.3	2.5	2.8	3.0	3.2	3.2
77.5°	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.8	3.0	3.2	3.4
75°	2.2	2.4	2.6	3.0	3.2	3.3	3.3	3.2	3.2	3.3	3.5
72.5°	3.4	3.5	3.7	4.1	4.2	4.5	4.6	4.4	4.1	3.7	3.5
70°	5.3	5.7	6.4	7.5	8.4	8.7	8.6	7.8	6.3	5.5	4.8
67.5°	6.9	7.5	8.7	10.3	11.5	12.4	13.6	14.1	13.4	11.9	8.2
65°	7.3	8.1	9.1	10.2	11.6	13.5	17.1	19.0	19.6	18.7	14.2
62.5°	6.2	7.3	7.9	8.7	9.8	12.2	17.1	20.9	24.0	23.8	18.5
60°	4.5	5.0	5.6	6.4	7.4	10.1	14.7	20.0	26.2	24.5	20.6
57.5°	4.2	4.4	4.7	4.9	5.0	7.2	11.2	16.2	22.0	21.8	19.9
55°	4.8	5.1	5.2	5.1	5.0	6.0	7.8	11.2	15.7	16.6	15.9
52.5°	5.0	5.4	5.9	6.4	6.3	6.0	6.2	8.2	10.1	11.8	12.2
50°	5.8	6.1	6.3	6.6	7.0	6.9	6.6	6.7	7.9	9.1	9.5
47.5°	7.7	8.0	7.5	7.4	8.2	8.0	7.6	7.5	8.5	8.3	8.8
45°	13.3	12.7	11.5	11.6	11.5	11.3	10.0	10.6	10.9	10.7	9.1
42.5°	27.1	22.2	18.8	19.8	18.5	17.3	15.5	15.1	14.8	14.1	13.4
40°	42.3	41.0	37.2	34.3	31.6	26.8	23.4	20.8	19.8	18.6	18.6
37.5°	60.6	62.6	64.3	62.9	55.1	44.8	35.5	28.6	25.5	26.5	25.2
35°	85.0	88.5	97.7	94.6	89.6	80.2	58.4	42.0	36.7	39.4	34.7
32.5°	121.2	141.8	151.0	143.5	139.8	131.5	103.5	68.2	65.8	61.2	51.2
30°	244.3	232.5	234.0	239.4	236.9	203.3	164.1	170.1	136.3	92.1	73.6
27.5°	379.7	347.6	342.4	409.8	382.8	323.3	314.4	344.3	249.3	165.4	108.6
25°	561.2	542.4	522.1	593.4	609.3	505.3	497.9	524.8	456.0	267.9	153.0
22.5°	754.4	737.1	728.3	760.1	782.2	696.7	666.5	701.1	682.5	393.5	234.7
20°	955.2	900.2	882.9	881.1	862.2	820.7	801.1	825.7	743.8	533.2	319.6
17.5°	1209.5	1081.5	1018.3	983.0	950.3	900.4	930.7	919.6	823.0	642.0	400.3
15°	1641.9	1342.9	1213.9	1115.8	1071.1	1100.4	1119.1	1055.5	916.6	717.5	509.3
12.5°	3081.1	1675.6	1445.8	1296.8	1259.1	1299.6	1324.3	1225.9	1042.4	882.2	689.6
10°	4908.1	2418.7	1726.1	1531.7	1451.6	1476.8	1487.9	1375.6	1214.8	1073.5	883.7
7.5°	8023.4	3532.2	2000.4	1735.6	1604.5	1582.9	1588.1	1483.6	1362.5	1247.4	1084.7
5°	10456.8	4246.2	2196.6	1883.3	1724.3	1689.6	1697.5	1565.8	1490.5	1407.0	1284.5
2.5°	11003.1	4404.6	2350.2	2013.7	1832.5	1796.8	1814.8	1659.0	1599.0	1519.5	1414.6
0°	12135.2	4923.7	2464.8	2096.6	1915.5	1896.2	1933.1	1771.2	1699.1	1619.4	1524.7
-2.5°	10535.9	4239.3	2419.3	2066.7	1899.3	1880.2	1942.7	1842.5	1734.8	1628.6	1487.1
-5°	8938.6	3867.6	2354.5	2018.8	1872.1	1877.5	1959.1	1903.1	1771.6	1639.5	1422.3
-7.5°	7292.5	3362.1	2251.7	1955.2	1846.6	1893.0	1989.4	1953.7	1824.6	1704.9	1445.3
-10°	4825.1	2742.1	2121.9	1907.5	1859.8	1935.7	2039.3	1995.7	1879.8	1767.9	1434.7
-12.5°	3792.6	2326.9	1990.9	1873.1	1939.0	2052.9	2100.8	2016.3	1940.3	1830.9	1386.7
-15°	2652.5	2149.6	1941.8	1934.0	2065.1	2147.4	2129.3	1987.4	1912.4	1842.3	1299.0
-17.5°	2228.0	1992.8	1869.6	1930.6	2081.0	2176.1	2090.5	1940.0	1820.9	1652.4	1077.7
-20°	1954.7	1838.3	1831.6	1895.5	1985.9	2005.3	1977.3	1846.1	1689.1	1349.2	865.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1768.7	1743.3	1775.6	1847.3	1780.5	1785.6	1767.5	1680.1	1519.5	1032.8	667.6
-25°	1653.6	1674.0	1751.9	1734.3	1622.5	1581.2	1588.8	1496.0	1199.4	772.7	508.1
-27.5°	1605.1	1671.0	1723.4	1674.2	1560.6	1469.8	1418.2	1291.6	890.9	606.4	463.0
-30°	1609.1	1673.3	1681.6	1607.4	1504.1	1408.9	1275.5	973.6	683.0	476.9	427.9
-32.5°	1643.8	1644.3	1607.9	1518.0	1433.5	1335.3	1048.3	713.8	505.3	442.3	407.0
-35°	1635.9	1570.0	1484.2	1426.1	1379.2	1124.0	814.7	548.1	445.8	414.0	390.0
-37.5°	1574.6	1451.9	1389.0	1320.8	1130.6	872.0	584.5	463.4	420.5	396.2	377.4
-40°	1531.5	1404.1	1213.6	1056.7	824.1	565.5	479.3	436.1	406.7	381.6	366.6
-42.5°	1333.1	1133.3	924.1	700.4	521.5	483.6	447.8	418.3	394.7	374.9	342.6
-45°	924.4	720.8	543.6	508.4	473.3	448.1	425.1	406.6	389.4	354.8	314.9
-47.5°	545.9	516.5	485.5	462.1	442.0	424.5	416.0	401.7	365.4	328.0	288.1
-50°	488.8	474.7	456.5	437.6	430.3	422.7	401.6	371.2	336.5	300.1	261.5
-52.5°	475.1	465.8	455.2	442.9	421.6	398.3	371.1	340.7	307.8	271.7	234.9
-55°	489.3	468.9	445.3	420.8	394.6	367.7	339.6	309.3	276.9	242.2	208.9
-57.5°	464.7	441.4	415.3	388.5	361.2	332.2	302.6	273.2	244.6	213.2	182.8
-60°	428.1	402.5	376.7	348.7	318.3	289.1	263.8	237.7	210.9	185.9	160.4
-62.5°	384.3	361.1	331.9	301.6	274.2	250.1	226.0	202.7	181.6	159.9	130.3
-65°	314.8	290.4	266.9	245.1	224.5	205.2	185.1	163.4	140.8	118.8	93.9
-67.5°	234.4	216.8	200.3	184.0	166.4	148.5	129.2	110.3	94.3	79.0	60.9
-70°	153.3	139.4	125.6	112.1	100.9	90.5	78.8	66.2	53.3	44.8	37.3
-72.5°	84.9	76.4	68.2	60.5	52.2	47.1	42.7	37.6	32.3	26.8	22.4
-75°	43.3	39.5	36.0	33.2	30.0	26.4	24.4	22.9	21.5	20.1	18.6
-77.5°	25.5	24.1	22.8	21.9	21.0	20.0	19.0	17.9	16.9	15.8	14.7
-80°	18.5	17.6	16.8	16.1	15.5	14.8	14.2	13.3	12.5	11.7	11.1
-82.5°	12.6	12.0	11.4	11.2	10.9	10.6	10.3	9.9	9.5	9.1	8.8
-85°	8.5	8.2	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.1	6.9
-87.5°	6.3	6.1	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.7	5.6
-90°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.5	2.5	2.5	2.5



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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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.8	4.6	4.4
87.5°	2.7	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.6	3.8	4.0
85°	2.7	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.6	3.8	4.0
82.5°	2.8	3.0	3.2	3.4	3.5	3.6	3.6	3.6	3.7	3.8	4.0
80°	3.2	3.2	3.3	3.4	3.6	3.8	3.9	4.0	3.9	4.0	4.1
77.5°	3.5	3.5	3.4	3.5	3.6	3.8	4.0	4.2	4.1	4.1	4.1
75°	3.7	3.8	3.8	3.8	3.8	3.9	4.1	4.2	4.2	4.2	4.2
72.5°	3.7	3.9	4.1	4.2	4.1	4.0	4.1	4.2	4.2	4.2	4.2
70°	4.2	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	5.1	4.5	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.2	4.2
65°	9.9	6.5	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.4	4.2
62.5°	13.9	9.9	6.8	4.8	4.2	4.2	4.2	4.4	4.6	4.6	4.3
60°	16.9	12.3	9.2	6.9	5.0	4.2	4.3	4.4	4.6	4.8	4.6
57.5°	16.3	13.6	11.2	8.8	6.6	4.8	4.3	4.5	4.7	4.8	4.8
55°	14.3	12.3	12.5	10.5	8.0	5.9	4.7	4.5	4.7	4.9	5.0
52.5°	11.2	11.6	12.5	11.8	9.4	7.0	5.5	4.6	4.7	4.9	5.0
50°	9.0	10.7	12.5	12.7	10.7	8.2	6.3	5.1	4.8	5.0	5.0
47.5°	9.3	10.7	12.0	13.5	12.3	9.3	7.1	5.7	4.8	5.0	5.0
45°	10.7	11.8	12.3	13.3	13.6	10.4	7.9	6.1	5.2	5.0	5.0
42.5°	12.7	13.7	14.0	13.3	13.6	11.3	8.5	6.6	5.5	5.1	5.0
40°	17.4	16.0	16.1	15.8	13.8	12.0	9.1	7.1	5.7	5.2	5.1
37.5°	22.9	20.1	18.6	20.1	15.4	12.6	9.6	7.4	6.1	5.5	5.2
35°	30.0	25.7	24.4	25.8	20.9	13.7	9.8	7.7	6.7	5.7	5.3
32.5°	38.0	37.3	37.0	32.3	27.9	15.2	10.6	8.6	7.4	6.0	5.4
30°	57.3	57.8	54.7	39.8	35.7	21.6	12.4	9.7	8.2	6.2	5.6
27.5°	89.8	82.0	76.5	55.4	42.9	29.5	15.0	11.0	9.1	6.6	5.8
25°	124.6	111.2	100.0	76.5	50.8	39.7	17.6	12.5	10.1	7.2	5.9
22.5°	165.7	141.3	125.9	100.4	63.5	51.0	23.0	14.7	11.2	7.9	6.1
20°	206.6	171.1	154.2	123.2	82.1	61.6	31.8	16.8	12.4	8.7	6.3
17.5°	252.6	208.8	184.9	146.1	102.5	73.3	41.0	18.8	13.6	9.4	6.4
15°	343.3	256.2	218.4	171.4	121.3	85.9	50.5	20.8	14.9	10.2	6.6
12.5°	453.1	303.5	254.3	198.4	138.5	99.1	60.0	22.6	16.2	11.0	6.9
10°	574.0	350.2	291.8	226.3	154.3	112.6	69.3	25.2	17.7	11.8	7.2
7.5°	700.2	396.0	329.8	254.2	171.8	133.2	91.8	30.0	19.3	12.5	7.5
5°	823.0	439.7	371.3	295.8	205.4	160.9	117.3	34.9	20.8	13.2	7.8
2.5°	926.6	479.9	412.6	337.1	238.3	187.5	142.4	39.7	22.2	13.8	8.1
0°	1015.6	517.4	451.2	375.7	270.0	213.0	166.1	44.4	23.5	14.3	8.4
-2.5°	946.3	519.8	455.6	390.4	293.8	233.6	179.3	56.3	30.5	18.0	10.1
-5°	865.1	519.9	458.7	402.8	315.8	252.6	189.6	67.4	37.2	21.6	11.7
-7.5°	860.7	522.0	462.4	412.9	335.9	269.6	197.0	77.6	43.4	24.9	13.2
-10°	850.0	524.3	466.9	415.0	340.0	275.9	200.2	86.5	48.9	27.8	14.5
-12.5°	806.5	524.1	470.6	414.3	338.8	272.9	193.9	93.5	53.7	30.2	15.6
-15°	725.7	521.4	473.8	410.8	334.8	268.5	186.7	99.0	58.8	32.9	16.4
-17.5°	598.1	516.2	476.5	404.4	327.6	262.7	179.0	103.1	63.1	35.9	17.7
-20°	540.6	498.9	476.9	395.0	317.1	255.7	171.2	105.8	66.3	38.2	19.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	503.3	472.9	445.3	382.2	305.2	247.6	163.7	107.1	68.6	39.7	20.0
-25°	463.2	445.6	413.0	355.6	294.3	235.1	160.2	106.7	69.8	40.3	20.3
-27.5°	429.8	416.1	385.1	330.0	277.9	224.3	159.0	107.7	70.1	40.0	20.0
-30°	398.6	387.5	357.4	306.7	260.6	207.8	155.8	107.2	69.6	39.4	19.0
-32.5°	380.5	365.5	330.9	286.8	241.5	190.7	146.5	105.3	67.8	38.3	18.6
-35°	370.8	344.5	306.7	266.2	221.7	176.2	134.8	101.9	64.6	36.2	18.0
-37.5°	359.8	322.6	283.7	244.7	201.7	161.0	124.5	92.9	60.1	33.2	17.0
-40°	335.1	298.9	261.0	222.8	183.6	145.2	113.2	83.2	55.4	29.2	15.5
-42.5°	309.0	273.2	237.4	201.0	165.7	131.7	101.0	72.8	48.1	26.1	13.6
-45°	280.3	246.7	213.2	180.7	147.7	117.3	88.8	62.0	40.1	23.4	12.2
-47.5°	250.8	220.3	190.1	160.0	130.8	102.2	75.8	52.5	31.7	20.1	11.7
-50°	222.6	194.8	167.7	140.9	113.4	87.0	62.7	42.5	26.9	15.8	11.2
-52.5°	199.4	170.9	146.8	122.2	96.2	71.2	51.1	32.6	21.8	13.8	10.5
-55°	176.6	149.0	127.1	102.5	78.0	57.3	39.0	26.6	16.5	12.7	9.8
-57.5°	155.9	129.3	104.9	81.4	61.3	43.4	30.0	20.4	14.3	11.6	9.3
-60°	133.7	104.8	80.7	62.2	45.3	32.1	22.8	15.5	13.0	10.6	8.8
-62.5°	102.8	78.4	59.7	43.9	32.5	23.8	16.4	14.1	11.7	9.9	8.2
-65°	73.2	54.8	39.4	31.1	23.0	16.9	14.8	12.6	10.8	9.2	7.6
-67.5°	44.5	35.9	27.7	20.2	17.1	15.1	13.1	11.5	10.0	8.5	7.2
-70°	29.7	22.5	18.8	16.9	15.1	13.3	11.9	10.6	9.2	7.9	6.8
-72.5°	20.2	18.2	16.4	14.7	13.2	11.9	10.7	9.6	8.4	7.3	6.3
-75°	16.9	15.3	13.8	12.5	11.3	10.4	9.5	8.7	7.6	6.7	6.0
-77.5°	13.4	12.2	11.2	10.4	9.6	8.9	8.3	7.7	6.9	6.3	5.7
-80°	10.4	9.8	9.1	8.5	7.9	7.5	7.2	6.9	6.4	5.9	5.4
-82.5°	8.2	7.7	7.3	6.8	6.6	6.5	6.4	6.3	5.9	5.5	5.1
-85°	6.5	6.2	5.8	5.4	5.4	5.5	5.6	5.8	5.5	5.2	4.9
-87.5°	5.5	5.3	5.1	5.0	5.1	5.2	5.3	5.4	5.1	4.9	4.6
-90°	2.7	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.6	3.8	4.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
80°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
77.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2
65°	4.3	4.2	4.2	4.2	4.2	4.2	4.2
62.5°	4.3	4.3	4.2	4.2	4.2	4.2	4.2
60°	4.4	4.4	4.2	4.2	4.2	4.2	4.2
57.5°	4.5	4.4	4.3	4.2	4.2	4.2	4.2
55°	4.7	4.5	4.4	4.2	4.2	4.2	4.2
52.5°	4.8	4.6	4.4	4.2	4.2	4.2	4.2
50°	4.9	4.7	4.5	4.2	4.2	4.2	4.2
47.5°	5.0	4.8	4.6	4.2	4.2	4.2	4.2
45°	5.0	4.9	4.7	4.3	4.2	4.2	4.2
42.5°	5.0	4.9	4.8	4.4	4.2	4.2	4.2
40°	5.0	5.0	4.9	4.4	4.2	4.2	4.2
37.5°	5.0	5.0	4.9	4.5	4.2	4.2	4.2
35°	5.0	5.0	5.0	4.6	4.2	4.2	4.2
32.5°	5.0	5.0	5.0	4.6	4.2	4.2	4.2
30°	5.1	5.0	5.0	4.7	4.2	4.2	4.2
27.5°	5.2	5.0	5.0	4.7	4.2	4.2	4.2
25°	5.3	5.0	5.0	4.8	4.2	4.2	4.2
22.5°	5.4	5.0	5.0	4.8	4.2	4.2	4.2
20°	5.6	5.1	5.0	4.9	4.2	4.2	4.2
17.5°	5.7	5.2	5.0	4.9	4.2	4.2	4.2
15°	5.9	5.3	5.0	4.9	4.2	4.2	4.2
12.5°	6.0	5.4	5.0	4.9	4.2	4.2	4.2
10°	6.2	5.5	5.0	5.0	4.2	4.2	4.2
7.5°	6.3	5.6	5.0	5.0	4.2	4.2	4.2
5°	6.5	5.7	5.0	5.0	4.2	4.2	4.2
2.5°	6.6	5.8	5.0	5.0	4.2	4.2	4.2
0°	6.7	5.9	5.0	5.0	4.2	4.2	4.2
-2.5°	7.1	6.0	5.1	5.0	4.2	4.2	4.2
-5°	7.6	6.1	5.2	5.0	4.3	4.2	4.2
-7.5°	8.0	6.1	5.2	5.0	4.3	4.2	4.2
-10°	8.3	6.2	5.3	5.0	4.3	4.2	4.2
-12.5°	8.6	6.2	5.4	5.0	4.4	4.2	4.2
-15°	8.8	6.3	5.4	4.9	4.4	4.2	4.2
-17.5°	8.9	6.3	5.4	4.9	4.4	4.2	4.2
-20°	9.2	6.3	5.5	4.9	4.4	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9.8	6.4	5.5	4.9	4.5	4.2	4.2
-25°	10.1	6.5	5.5	4.9	4.5	4.2	4.2
-27.5°	10.2	6.7	5.5	4.9	4.5	4.2	4.2
-30°	9.9	6.9	5.4	4.9	4.5	4.2	4.2
-32.5°	9.5	6.9	5.5	4.9	4.5	4.2	4.2
-35°	9.3	7.0	5.5	4.9	4.5	4.2	4.2
-37.5°	9.4	7.0	5.5	5.0	4.5	4.2	4.2
-40°	9.3	6.9	5.4	5.0	4.5	4.2	4.2
-42.5°	9.1	6.9	5.4	5.0	4.5	4.2	4.2
-45°	8.9	6.8	5.5	5.0	4.4	4.2	4.2
-47.5°	8.6	6.7	5.5	5.1	4.4	4.2	4.2
-50°	8.3	6.5	5.5	5.0	4.4	4.2	4.2
-52.5°	8.1	6.3	5.5	4.9	4.3	4.2	4.2
-55°	7.7	6.2	5.4	4.9	4.3	4.2	4.2
-57.5°	7.4	6.1	5.4	4.8	4.2	4.2	4.2
-60°	7.0	6.0	5.3	4.7	4.2	4.2	4.2
-62.5°	6.8	5.8	5.2	4.6	4.2	4.2	4.2
-65°	6.5	5.7	5.1	4.6	4.2	4.2	4.2
-67.5°	6.2	5.5	5.0	4.5	4.2	4.2	4.2
-70°	5.9	5.3	4.9	4.4	4.2	4.2	4.2
-72.5°	5.6	5.2	4.7	4.4	4.2	4.2	4.2
-75°	5.4	5.0	4.6	4.3	4.2	4.2	4.2
-77.5°	5.2	4.8	4.5	4.3	4.2	4.2	4.2
-80°	5.0	4.7	4.5	4.3	4.2	4.2	4.2
-82.5°	4.8	4.6	4.4	4.3	4.2	4.2	4.2
-85°	4.6	4.5	4.3	4.3	4.2	4.2	4.2
-87.5°	4.4	4.3	4.3	4.2	4.2	4.2	4.2
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2

(END OF REPORT)