

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: P1305990 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-70-1S-CV2-A**

Issue Date: 2/3/2026

Test Information

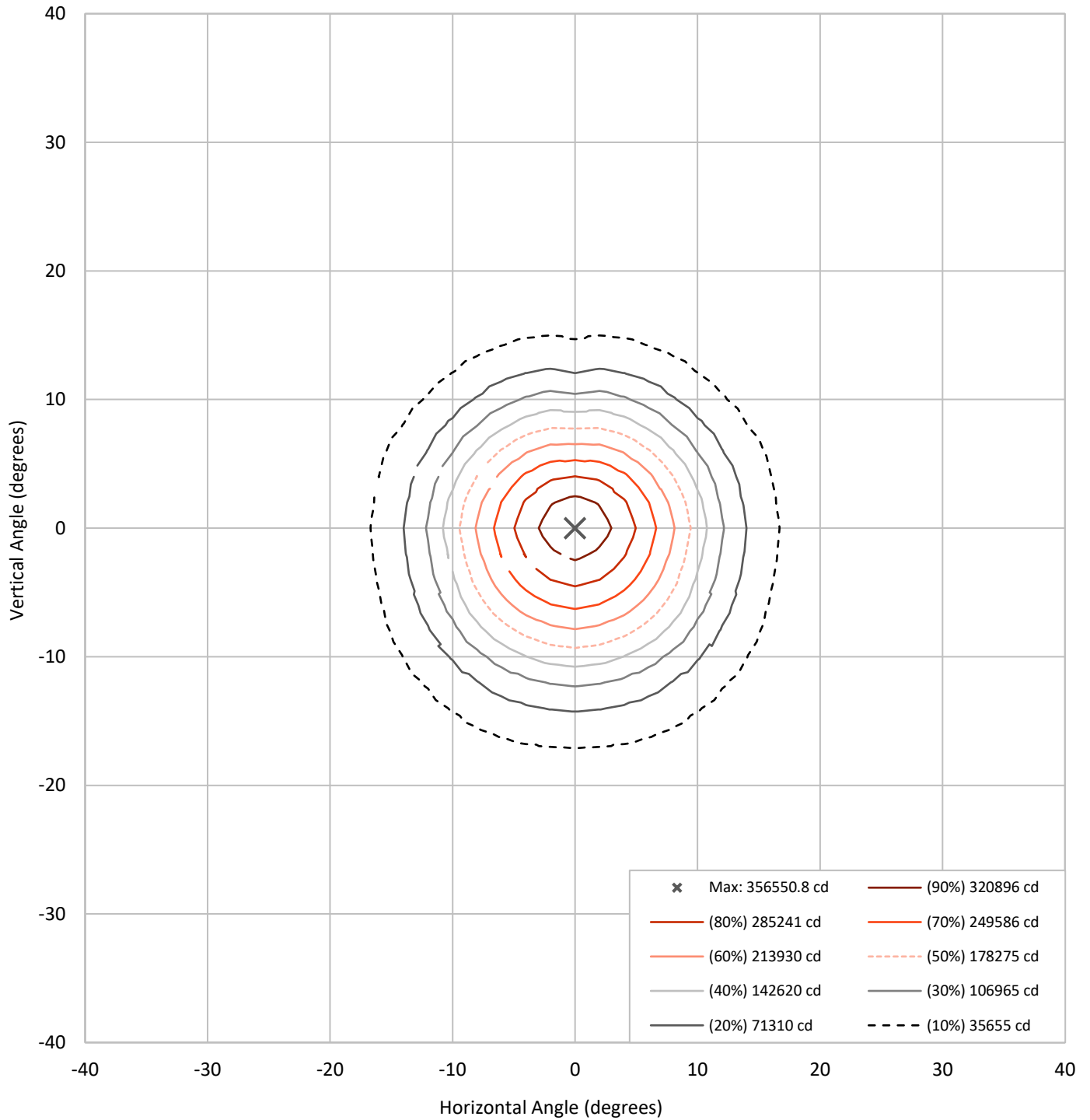
Test Method: LM-79-08
Report Number: P1305990 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-70-1S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 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:	41107.3 lumens	Max Intensity:	356550.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.3 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:	18935 lumens	Field Lumens:	34805.3 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





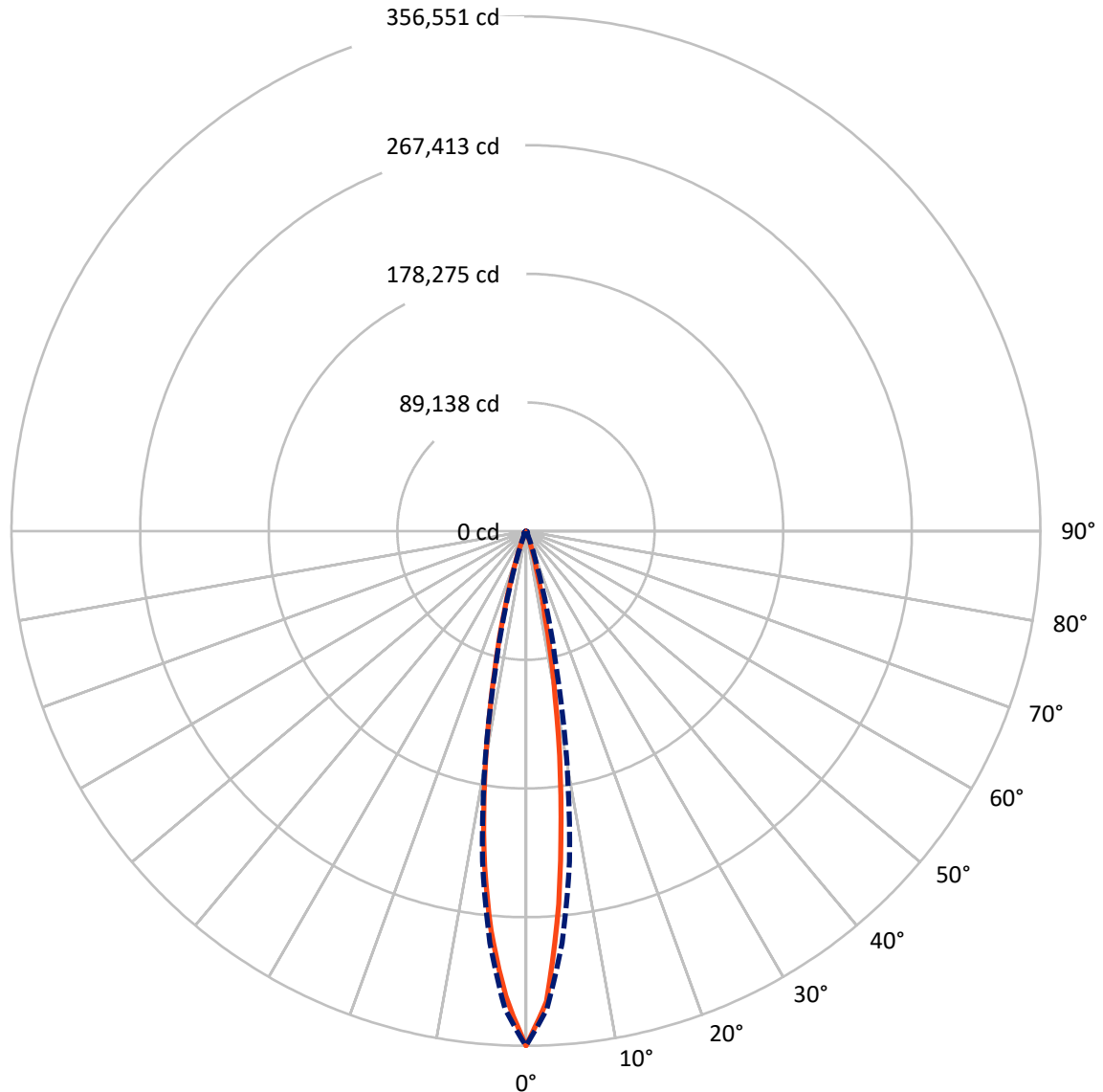
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Lumen Table

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	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.3	0.3	0.2	0.1		
50	0.1	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.3	0.3	0.2	0.1	0.1	
40		0.1	0.5	0.9	2.0	3.1	3.3	3.8	3.8	3.3	3.1	2.0	0.9	0.5	0.1		
30	0.1	0.2	1.4	5.0	13.3	16.2	21.3	39.8	39.8	21.3	16.2	13.3	5.0	1.4	0.2	0.1	
20		0.5	3.2	13.0	28.3	39.7	271.4	1091.6	1091.6	271.4	39.7	28.3	13.0	3.2	0.5		
10	0.2	0.9	5.5	25.0	42.7	99.0	1418.3	6121.0	6121.0	1418.3	99.0	42.7	25.0	5.5	0.9	0.2	
0		1.5	7.2	29.5	49.4	98.3	1538.7	6551.1	6551.1	1538.7	98.3	49.4	29.5	7.2	1.5		
-10	0.3	1.7	7.4	27.7	52.5	61.7	446.3	1690.1	1690.1	446.3	61.7	52.5	27.7	7.4	1.7	0.3	
-20		1.7	6.5	15.3	40.1	49.7	60.6	112.1	112.1	60.6	49.7	40.1	15.3	6.5	1.7		
-30	0.2	1.4	4.9	9.0	22.3	42.4	50.6	52.5	52.5	50.6	42.4	22.3	9.0	4.9	1.4	0.2	
-40		0.9	3.3	7.1	11.4	20.7	37.8	52.3	52.3	37.8	20.7	11.4	7.1	3.3	0.9		
-50	0.2	0.4	1.9	4.8	8.7	12.5	15.5	17.3	17.3	15.5	12.5	8.7	4.8	1.9	0.4	0.2	
-60		0.2	0.7	2.2	4.6	7.6	10.6	12.5	12.5	10.6	7.6	4.6	2.2	0.7	0.2		
-70	0.1	0.5	1.7	4.1	6.1	4.1	1.7	0.5	0.1							0.1	
-80		0.5	1.7	4.1	6.1	4.1	1.7	0.5	0.1								
-90	0.1	0.5	1.7	4.1	6.1	4.1	1.7	0.5	0.1								

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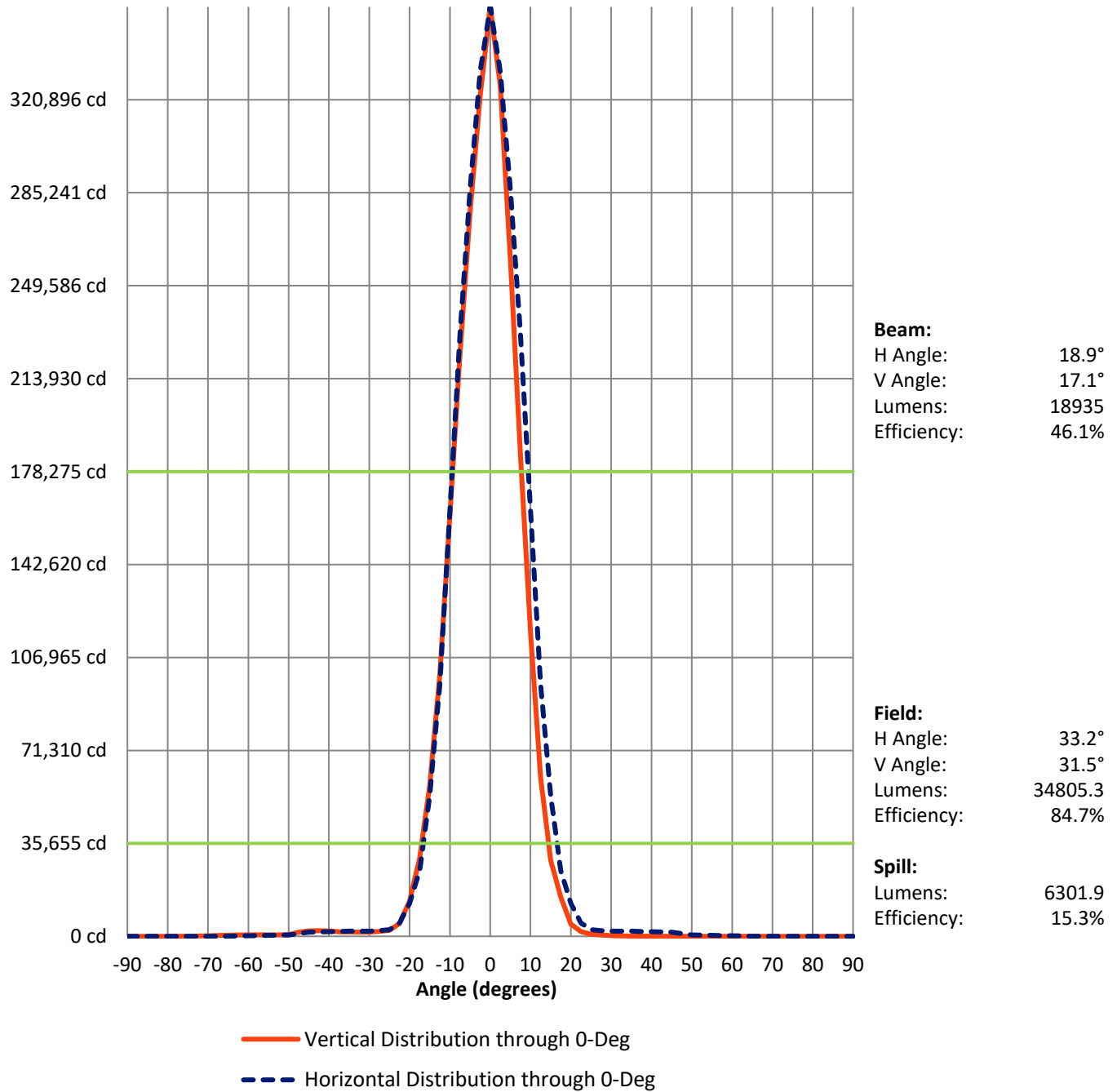
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot





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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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.9	5.1	5.3
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.7	3.5
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.7	3.5
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.8	3.8
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.1	4.1	4.1
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.4
75°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5
65°	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.4	4.6	4.7	4.6
62.5°	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.6	4.8	4.8	4.6
60°	4.4	4.4	4.4	4.4	4.4	4.6	4.6	4.8	5.0	4.9	4.7
57.5°	4.4	4.4	4.4	4.4	4.5	4.7	4.7	5.1	5.1	4.9	4.7
55°	4.4	4.4	4.4	4.4	4.6	4.8	4.9	5.3	5.2	5.0	4.8
52.5°	4.4	4.4	4.4	4.4	4.7	4.9	5.1	5.3	5.2	5.0	4.8
50°	4.4	4.4	4.4	4.4	4.8	5.0	5.2	5.3	5.2	5.1	5.4
47.5°	4.4	4.4	4.4	4.4	4.9	5.1	5.3	5.3	5.3	5.1	5.9
45°	4.4	4.4	4.4	4.5	5.0	5.1	5.3	5.3	5.3	5.5	6.3
42.5°	4.4	4.4	4.4	4.6	5.1	5.2	5.3	5.3	5.4	5.8	6.9
40°	4.4	4.4	4.4	4.7	5.2	5.2	5.3	5.4	5.5	6.0	7.4
37.5°	4.4	4.4	4.4	4.7	5.2	5.3	5.3	5.5	5.7	6.3	7.8
35°	4.4	4.4	4.4	4.8	5.2	5.3	5.3	5.6	6.0	7.0	8.1
32.5°	4.4	4.4	4.4	4.9	5.3	5.3	5.3	5.7	6.2	7.7	9.1
30°	4.4	4.4	4.4	4.9	5.3	5.3	5.4	5.8	6.4	8.6	10.2
27.5°	4.4	4.4	4.4	5.0	5.3	5.3	5.5	6.0	6.8	9.5	11.5
25°	4.4	4.4	4.4	5.0	5.3	5.3	5.6	6.2	7.6	10.6	13.1
22.5°	4.4	4.4	4.4	5.1	5.3	5.3	5.7	6.3	8.3	11.8	15.3
20°	4.4	4.4	4.4	5.1	5.3	5.4	5.8	6.5	9.1	13.0	17.5
17.5°	4.4	4.4	4.4	5.2	5.3	5.4	5.9	6.7	9.9	14.3	19.7
15°	4.4	4.4	4.4	5.2	5.3	5.5	6.1	6.9	10.7	15.6	21.7
12.5°	4.4	4.4	4.4	5.2	5.3	5.6	6.3	7.2	11.5	16.9	23.6
10°	4.4	4.4	4.4	5.3	5.3	5.7	6.4	7.5	12.3	18.5	26.3
7.5°	4.4	4.4	4.4	5.3	5.3	5.8	6.6	7.9	13.1	20.1	31.3
5°	4.4	4.4	4.4	5.3	5.3	5.9	6.7	8.2	13.8	21.7	36.4
2.5°	4.4	4.4	4.4	5.3	5.3	6.0	6.9	8.5	14.4	23.2	41.5
0°	4.4	4.4	4.4	5.3	5.3	6.1	7.0	8.8	14.9	24.5	46.4
-2.5°	4.4	4.4	4.4	5.3	5.4	6.2	7.5	10.6	18.8	31.8	58.8
-5°	4.4	4.4	4.5	5.3	5.4	6.3	7.9	12.2	22.5	38.8	70.4
-7.5°	4.4	4.4	4.5	5.3	5.5	6.4	8.3	13.8	26.0	45.2	81.1
-10°	4.4	4.4	4.6	5.3	5.6	6.4	8.7	15.1	29.0	51.0	90.4
-12.5°	4.4	4.4	4.6	5.3	5.6	6.5	8.9	16.3	31.5	56.1	97.7
-15°	4.4	4.4	4.6	5.2	5.7	6.5	9.2	17.1	34.3	61.4	103.4
-17.5°	4.4	4.4	4.6	5.2	5.7	6.6	9.3	18.4	37.5	65.8	107.7
-20°	4.4	4.4	4.7	5.2	5.7	6.6	9.6	19.9	39.9	69.3	110.5



REPORT NUMBER: P1305990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	4.4	4.7	5.2	5.7	6.6	10.2	20.8	41.4	71.7	111.8
-25°	4.4	4.4	4.7	5.2	5.7	6.8	10.5	21.2	42.1	72.9	111.5
-27.5°	4.4	4.4	4.7	5.2	5.7	7.0	10.6	20.8	41.7	73.2	112.4
-30°	4.4	4.4	4.7	5.2	5.7	7.1	10.4	19.9	41.1	72.7	112.0
-32.5°	4.4	4.4	4.7	5.2	5.7	7.2	9.9	19.4	39.9	70.8	110.0
-35°	4.4	4.4	4.7	5.2	5.8	7.2	9.7	18.8	37.8	67.5	106.4
-37.5°	4.4	4.4	4.7	5.3	5.8	7.2	9.7	17.7	34.7	62.7	97.0
-40°	4.4	4.4	4.7	5.3	5.7	7.2	9.7	16.2	30.5	57.8	86.9
-42.5°	4.4	4.4	4.7	5.3	5.7	7.2	9.5	14.2	27.3	50.3	76.0
-45°	4.4	4.4	4.7	5.3	5.8	7.1	9.3	12.7	24.4	41.9	64.8
-47.5°	4.4	4.4	4.6	5.3	5.8	7.0	8.9	12.2	20.9	33.2	54.9
-50°	4.4	4.4	4.6	5.3	5.8	6.8	8.7	11.7	16.5	28.1	44.4
-52.5°	4.4	4.4	4.6	5.2	5.8	6.6	8.4	11.0	14.3	22.8	34.1
-55°	4.4	4.4	4.5	5.1	5.7	6.5	8.1	10.2	13.2	17.2	27.8
-57.5°	4.4	4.4	4.5	5.1	5.7	6.4	7.7	9.7	12.1	14.9	21.2
-60°	4.4	4.4	4.4	5.0	5.6	6.3	7.4	9.2	11.0	13.5	16.2
-62.5°	4.4	4.4	4.4	4.9	5.5	6.1	7.1	8.6	10.3	12.2	14.6
-65°	4.4	4.4	4.4	4.8	5.4	5.9	6.8	8.0	9.6	11.2	13.1
-67.5°	4.4	4.4	4.4	4.7	5.2	5.7	6.5	7.5	8.9	10.4	11.9
-70°	4.4	4.4	4.4	4.6	5.1	5.6	6.1	7.1	8.2	9.6	11.0
-72.5°	4.4	4.4	4.4	4.6	5.0	5.4	5.9	6.6	7.6	8.8	10.0
-75°	4.4	4.4	4.4	4.6	4.8	5.3	5.7	6.2	7.0	8.0	9.1
-77.5°	4.4	4.4	4.4	4.5	4.8	5.1	5.5	6.0	6.5	7.2	8.1
-80°	4.4	4.4	4.4	4.5	4.7	5.0	5.3	5.7	6.1	6.7	7.3
-82.5°	4.4	4.4	4.4	4.5	4.6	4.8	5.1	5.4	5.7	6.1	6.6
-85°	4.4	4.4	4.4	4.5	4.6	4.7	4.9	5.1	5.4	5.7	6.0
-87.5°	4.4	4.4	4.4	4.4	4.5	4.5	4.6	4.9	5.1	5.4	5.6
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.7	3.5



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 CATALOG NUMBER: EPH-08-320N-40-70-1S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	3.5	3.5	3.5	3.5	3.3	3.1	2.8	2.6	2.6	2.6	2.6
85°	3.5	3.5	3.5	3.5	3.3	3.1	2.8	2.6	2.6	2.6	2.6
82.5°	3.8	3.7	3.6	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7
80°	4.1	4.0	3.8	3.5	3.4	3.3	3.3	3.3	3.3	3.1	2.9
77.5°	4.2	4.0	3.8	3.6	3.5	3.6	3.6	3.5	3.3	3.1	2.9
75°	4.2	4.0	3.9	3.9	4.0	3.9	3.8	3.6	3.4	3.3	3.3
72.5°	4.3	4.2	4.2	4.4	4.3	4.1	3.8	3.6	3.8	4.3	4.6
70°	4.4	4.4	4.4	4.4	4.3	4.2	4.4	4.9	5.6	6.6	8.1
67.5°	4.4	4.4	4.4	4.4	4.4	4.7	5.3	8.5	12.3	14.0	14.7
65°	4.4	4.4	4.4	4.4	4.4	6.8	10.4	14.8	19.5	20.4	19.9
62.5°	4.4	4.4	4.4	5.0	7.1	10.3	14.5	19.3	24.8	25.0	21.8
60°	4.5	4.4	5.2	7.2	9.6	12.8	17.6	21.5	25.6	27.3	20.9
57.5°	4.5	5.1	6.9	9.2	11.7	14.2	17.0	20.8	22.7	23.0	17.0
55°	4.9	6.2	8.3	10.9	13.0	12.9	15.0	16.7	17.3	16.4	11.7
52.5°	5.8	7.3	9.8	12.3	13.1	12.1	11.7	12.7	12.3	10.6	8.6
50°	6.5	8.5	11.2	13.2	13.1	11.1	9.4	10.0	9.5	8.3	7.0
47.5°	7.4	9.7	12.8	14.1	12.5	11.2	9.7	9.2	8.7	8.9	7.9
45°	8.2	10.8	14.2	13.9	12.9	12.4	11.2	9.5	11.1	11.4	11.1
42.5°	8.9	11.8	14.1	13.9	14.6	14.3	13.2	13.9	14.8	15.5	15.8
40°	9.6	12.5	14.4	16.4	16.8	16.7	18.1	19.4	19.5	20.7	21.8
37.5°	10.0	13.2	16.1	21.0	19.4	21.0	23.9	26.3	27.7	26.6	29.8
35°	10.2	14.3	21.8	27.0	25.5	26.9	31.3	36.2	41.1	38.3	43.8
32.5°	11.0	15.9	29.1	33.7	38.7	39.0	39.7	53.5	64.0	68.7	71.3
30°	13.0	22.6	37.3	41.6	57.2	60.4	59.9	76.9	96.2	142.3	177.6
27.5°	15.7	30.8	44.8	57.9	80.0	85.6	93.8	113.4	172.7	260.4	359.6
25°	18.4	41.4	53.0	79.9	104.5	116.1	130.2	159.7	279.8	476.3	548.2
22.5°	24.0	53.3	66.3	104.9	131.6	147.6	173.0	245.2	411.0	712.9	732.3
20°	33.2	64.3	85.8	128.7	161.1	178.7	215.8	333.8	556.9	776.9	862.4
17.5°	42.8	76.6	107.0	152.6	193.1	218.1	263.8	418.1	670.5	859.6	960.5
15°	52.7	89.8	126.7	179.1	228.1	267.6	358.6	532.0	749.3	957.4	1102.4
12.5°	62.6	103.5	144.7	207.3	265.6	316.9	473.3	720.2	921.4	1088.8	1280.4
10°	72.3	117.6	161.1	236.4	304.7	365.8	599.5	923.0	1121.3	1268.9	1436.8
7.5°	95.9	139.2	179.3	265.6	344.5	413.5	731.3	1132.9	1302.9	1423.1	1549.5
5°	122.4	168.1	214.6	309.0	387.8	459.2	859.6	1341.6	1469.6	1556.8	1635.4
2.5°	148.7	195.9	248.9	352.2	430.9	501.3	967.8	1477.4	1587.1	1670.1	1732.8
0°	173.4	222.5	282.1	392.4	471.3	540.5	1060.8	1592.4	1691.4	1774.6	1850.0
-2.5°	187.2	244.1	306.9	407.8	475.9	542.9	988.4	1553.2	1701.0	1811.9	1924.4
-5°	198.0	263.9	329.8	420.7	479.1	543.1	903.6	1485.6	1712.3	1850.4	1987.7
-7.5°	205.7	281.6	350.8	431.3	483.0	545.3	899.0	1509.5	1780.7	1905.8	2040.5
-10°	209.1	288.3	355.1	433.4	487.7	547.6	887.8	1498.4	1846.5	1963.4	2084.4
-12.5°	202.6	285.1	353.9	432.7	491.6	547.4	842.4	1448.3	1912.3	2026.6	2106.0
-15°	195.0	280.4	349.7	429.0	494.9	544.6	758.0	1356.7	1924.1	1997.5	2075.8
-17.5°	187.0	274.4	342.2	422.3	497.8	539.2	624.7	1125.7	1725.8	1901.8	2026.3
-20°	178.8	267.1	331.3	412.5	498.1	521.1	564.7	903.5	1409.2	1764.1	1928.2



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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°	171.0	258.6	318.8	399.2	465.1	493.9	525.7	697.3	1078.7	1587.0	1754.8
-25°	167.4	245.6	307.4	371.4	431.4	465.5	483.8	530.7	807.1	1252.7	1562.5
-27.5°	166.1	234.3	290.3	344.7	402.2	434.6	448.9	483.6	633.5	930.5	1348.9
-30°	162.8	217.1	272.2	320.4	373.3	404.7	416.3	446.9	498.2	713.4	1016.9
-32.5°	153.0	199.3	252.3	299.6	345.6	381.8	397.4	425.1	462.0	527.8	745.5
-35°	140.8	184.1	231.6	278.1	320.4	359.8	387.3	407.3	432.4	465.6	572.5
-37.5°	130.0	168.2	210.6	255.6	296.4	336.9	375.9	394.2	413.9	439.2	484.0
-40°	118.2	151.7	191.8	232.8	272.6	312.2	350.0	383.0	398.6	424.8	455.5
-42.5°	105.5	137.6	173.1	209.9	248.0	285.3	322.7	357.8	391.6	412.3	436.9
-45°	92.7	122.5	154.2	188.7	222.7	257.7	292.7	328.8	370.5	406.7	424.7
-47.5°	79.2	106.7	136.6	167.1	198.5	230.1	262.0	300.9	342.6	381.7	419.6
-50°	65.6	90.9	118.4	147.1	175.1	203.5	232.5	273.1	313.4	351.5	387.7
-52.5°	53.4	74.4	100.5	127.6	153.3	178.5	208.3	245.4	283.8	321.5	355.8
-55°	40.8	59.9	81.6	107.1	132.7	155.6	184.4	218.3	253.0	289.2	323.0
-57.5°	31.4	45.4	64.1	85.1	109.6	135.0	162.8	191.0	222.7	255.5	285.4
-60°	23.8	33.5	47.3	65.0	84.3	109.4	139.6	167.5	194.1	220.3	248.3
-62.5°	17.1	24.8	33.9	45.8	62.3	81.9	107.4	136.1	166.9	189.6	211.7
-65°	15.4	17.7	23.9	32.4	41.1	57.2	76.5	98.0	123.9	147.0	170.6
-67.5°	13.6	15.7	17.8	21.1	28.8	37.4	46.5	63.6	82.5	98.5	115.2
-70°	12.4	13.8	15.7	17.6	19.6	23.4	31.0	39.0	46.8	55.7	69.2
-72.5°	11.2	12.4	13.7	15.3	17.1	19.0	21.1	23.4	28.0	33.8	39.3
-75°	10.0	10.8	11.8	13.1	14.5	16.0	17.6	19.4	21.0	22.5	23.9
-77.5°	8.7	9.4	10.1	10.8	11.7	12.8	14.0	15.4	16.6	17.7	18.7
-80°	7.6	7.9	8.4	8.9	9.6	10.3	11.0	11.6	12.3	13.0	13.9
-82.5°	6.7	6.8	7.0	7.2	7.6	8.1	8.6	9.2	9.6	9.9	10.3
-85°	5.9	5.7	5.7	5.7	6.1	6.4	6.8	7.2	7.4	7.5	7.7
-87.5°	5.6	5.5	5.4	5.3	5.4	5.6	5.7	5.9	5.9	5.9	5.9
-90°	3.5	3.5	3.5	3.5	3.3	3.1	2.8	2.6	2.6	2.6	2.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.3	5.5	5.7	5.9	6.1	6.5	7.0	7.4	7.9	11.2	14.4
87.5°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
85°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
82.5°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.9	0.9
80°	2.6	2.4	2.2	2.0	1.8	1.7	1.7	1.7	1.7	1.5	1.3
77.5°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.8	1.6	1.4
75°	3.4	3.4	3.3	3.1	2.7	2.5	2.3	2.0	1.8	1.8	1.8
72.5°	4.8	4.8	4.5	4.3	3.9	3.6	3.6	3.4	3.2	3.2	3.3
70°	9.0	9.2	8.8	7.9	6.8	6.0	5.6	5.1	4.4	4.3	4.6
67.5°	14.1	13.0	12.0	10.8	9.2	7.9	7.2	6.5	5.9	5.7	5.9
65°	17.8	14.1	12.1	10.7	9.6	8.5	7.6	6.8	6.0	5.5	5.4
62.5°	17.9	12.8	10.3	9.1	8.3	7.6	6.5	5.5	4.6	4.1	4.1
60°	15.3	10.5	7.8	6.8	5.9	5.3	4.8	4.2	3.8	3.5	3.6
57.5°	11.7	7.6	5.3	5.2	4.9	4.6	4.3	4.2	3.9	3.5	3.7
55°	8.2	6.3	5.3	5.4	5.5	5.4	5.1	4.7	4.3	4.1	4.2
52.5°	6.5	6.3	6.6	6.7	6.2	5.7	5.3	5.2	5.3	5.4	5.6
50°	6.9	7.2	7.3	6.9	6.6	6.4	6.1	6.3	6.7	7.1	7.4
47.5°	8.0	8.4	8.6	7.8	7.9	8.3	8.0	8.2	9.8	11.1	12.0
45°	10.5	11.8	12.0	12.2	12.0	13.2	13.9	14.6	17.9	19.1	19.1
42.5°	16.2	18.1	19.3	20.6	19.6	23.2	28.3	31.8	30.9	29.6	30.0
40°	24.4	28.0	33.0	35.8	38.8	42.8	44.2	38.3	37.4	42.2	42.6
37.5°	37.1	46.8	57.5	65.7	67.1	65.3	63.2	62.3	63.7	66.8	71.5
35°	61.0	83.7	93.6	98.8	102.0	92.4	88.7	92.3	89.2	98.0	101.1
32.5°	108.1	137.4	145.9	149.8	157.7	148.1	126.6	152.0	142.4	141.0	150.8
30°	171.4	212.3	247.5	250.0	244.4	242.9	255.2	258.5	247.0	247.0	285.5
27.5°	328.4	337.7	399.8	428.0	357.7	363.0	396.6	378.7	420.4	460.5	492.3
25°	520.0	527.7	636.4	619.8	545.3	566.5	586.2	582.3	630.5	678.9	733.8
22.5°	696.2	727.7	817.0	793.9	760.8	769.9	787.9	823.6	888.5	986.8	1242.8
20°	836.7	857.2	900.6	920.3	922.2	940.2	997.7	1096.2	1298.4	1961.5	2761.9
17.5°	972.1	940.5	992.6	1026.7	1063.6	1129.6	1263.2	1666.7	2641.5	4651.4	6621.0
15°	1168.9	1149.4	1118.7	1165.4	1267.9	1402.6	1714.9	3190.1	6501.9	10270.6	14188.7
12.5°	1383.2	1357.4	1315.1	1354.5	1510.1	1750.1	3218.0	6956.6	12250.5	19006.8	32167.4
10°	1554.1	1542.5	1516.2	1599.8	1802.8	2526.2	5126.3	11008.8	18880.5	34553.4	53711.9
7.5°	1658.7	1653.3	1675.8	1812.8	2089.3	3689.3	8380.1	16571.1	30403.7	52161.8	84323.5
5°	1772.9	1764.7	1800.9	1967.0	2294.2	4435.0	10921.8	21567.8	42167.9	72270.9	118976.7
2.5°	1895.5	1876.6	1913.9	2103.2	2454.6	4600.4	11492.3	23064.3	49151.3	87772.2	150348.4
0°	2019.0	1980.5	2000.6	2189.8	2574.4	5142.6	12674.8	25221.7	54088.1	96740.4	163294.3
-2.5°	2029.1	1963.8	1983.7	2158.7	2526.9	4427.8	11004.4	23233.8	51406.6	90011.5	149539.9
-5°	2046.1	1961.0	1955.3	2108.6	2459.2	4039.6	9336.1	21249.0	45418.3	79209.1	130793.3
-7.5°	2077.9	1977.2	1928.7	2042.1	2351.8	3511.7	7616.8	17689.1	36743.2	64603.6	101984.2
-10°	2130.0	2021.8	1942.5	1992.2	2216.3	2864.0	5039.7	12856.9	27812.9	48707.6	74045.2
-12.5°	2194.2	2144.2	2025.3	1956.4	2079.4	2430.4	3961.3	9605.8	19541.0	30815.2	49299.1
-15°	2224.0	2242.9	2157.0	2020.0	2028.1	2245.2	2770.5	5259.5	12266.3	20457.9	29576.1
-17.5°	2183.5	2272.9	2173.6	2016.4	1952.7	2081.4	2327.1	3239.6	5668.2	10929.8	16277.6
-20°	2065.3	2094.4	2074.2	1979.8	1913.0	1920.0	2041.7	2278.3	2752.0	4474.4	6367.3



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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°	1846.1	1865.0	1859.6	1929.5	1854.5	1820.8	1847.3	1939.1	2086.2	2309.6	2935.9
-25°	1659.4	1651.5	1694.6	1811.4	1829.8	1748.4	1727.2	1733.8	1817.4	1916.5	2053.8
-27.5°	1481.2	1535.2	1630.1	1748.5	1800.0	1745.3	1676.5	1631.5	1671.7	1702.9	1764.6
-30°	1332.2	1471.5	1571.0	1678.9	1756.4	1747.7	1680.7	1658.6	1639.6	1617.5	1633.1
-32.5°	1094.9	1394.6	1497.3	1585.5	1679.3	1717.4	1716.9	1707.5	1716.1	1698.1	1657.9
-35°	850.9	1174.0	1440.6	1489.6	1550.2	1639.9	1708.6	1719.5	1729.8	1729.3	1719.7
-37.5°	610.4	910.8	1180.9	1379.5	1450.8	1516.5	1644.6	1713.1	1735.4	1770.9	1783.9
-40°	500.6	590.6	860.7	1103.7	1267.5	1466.5	1599.6	1723.5	1850.8	1925.4	1967.6
-42.5°	467.7	505.1	544.7	731.6	965.2	1183.6	1392.3	1628.2	1809.2	1949.8	2089.9
-45°	444.0	468.0	494.3	531.0	567.8	752.9	965.5	1178.9	1379.2	1581.1	1774.9
-47.5°	434.5	443.4	461.6	482.6	507.1	539.5	570.2	617.7	783.1	946.8	1122.4
-50°	419.4	441.5	449.4	457.0	476.8	495.8	510.5	530.6	550.6	563.1	579.7
-52.5°	387.6	416.0	440.4	462.6	475.4	486.5	496.2	512.7	528.1	541.5	550.8
-55°	354.7	384.0	412.1	439.5	465.1	489.8	511.1	523.0	534.9	546.9	551.8
-57.5°	316.0	346.9	377.2	405.8	433.8	461.1	485.4	507.2	528.2	547.6	559.8
-60°	275.5	301.9	332.5	364.2	393.4	420.3	447.1	472.5	495.9	515.7	528.3
-62.5°	236.1	261.2	286.4	315.0	346.7	377.2	401.4	426.0	450.7	472.4	488.1
-65°	193.3	214.4	234.5	256.1	278.7	303.3	328.8	353.9	378.5	399.1	414.6
-67.5°	134.9	155.1	173.8	192.2	209.3	226.5	244.8	263.5	282.0	298.3	312.2
-70°	82.3	94.5	105.4	117.1	131.2	145.6	160.1	173.5	185.6	195.6	203.7
-72.5°	44.6	49.3	54.5	63.2	71.2	79.8	88.6	96.8	104.4	111.3	117.5
-75°	25.4	27.6	31.3	34.7	37.6	41.3	45.3	49.1	52.7	56.3	59.5
-77.5°	19.8	20.9	21.9	22.9	23.8	25.1	26.6	28.2	29.7	32.3	35.2
-80°	14.7	15.4	16.1	16.8	17.4	18.3	19.2	20.1	20.9	22.1	23.2
-82.5°	10.7	11.1	11.4	11.6	11.9	12.5	13.1	13.7	14.3	15.6	16.8
-85°	7.8	8.0	8.1	8.2	8.3	8.6	8.9	9.2	9.4	10.6	11.7
-87.5°	6.0	6.0	6.0	6.1	6.1	6.3	6.6	6.8	7.0	8.2	9.3
-90°	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	17.7	21.0	24.1	27.2	24.1	21.0	17.7	14.4	11.2	7.9	7.4
87.5°	0.9	0.9	0.4	0.0	0.4	0.9	0.9	0.9	0.9	0.9	1.1
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
80°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.7	1.7
77.5°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.6	1.8	2.0
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
72.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	3.2	3.4
70°	4.9	5.2	5.7	6.1	5.7	5.2	4.9	4.6	4.3	4.4	5.1
67.5°	6.0	6.1	5.3	4.4	5.3	6.1	6.0	5.9	5.7	5.9	6.5
65°	5.4	5.3	4.9	4.4	4.9	5.3	5.4	5.4	5.5	6.0	6.8
62.5°	4.2	4.4	4.4	4.4	4.4	4.4	4.2	4.1	4.1	4.6	5.5
60°	3.6	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.5	3.8	4.2
57.5°	4.0	4.3	4.4	4.4	4.4	4.3	4.0	3.7	3.5	3.9	4.2
55°	4.3	4.4	4.7	5.3	4.7	4.4	4.3	4.2	4.1	4.3	4.7
52.5°	5.8	6.0	6.1	6.1	6.1	6.0	5.8	5.6	5.4	5.3	5.2
50°	7.6	7.8	7.9	7.9	7.9	7.8	7.6	7.4	7.1	6.7	6.3
47.5°	12.5	12.8	13.3	14.0	13.3	12.8	12.5	12.0	11.1	9.8	8.2
45°	20.0	20.5	21.4	22.8	21.4	20.5	20.0	19.1	19.1	17.9	14.6
42.5°	31.6	32.5	33.5	35.0	33.5	32.5	31.6	30.0	29.6	30.9	31.8
40°	43.6	44.2	44.8	46.4	44.8	44.2	43.6	42.6	42.2	37.4	38.3
37.5°	73.7	70.6	67.4	74.5	67.4	70.6	73.7	71.5	66.8	63.7	62.3
35°	100.6	102.4	105.4	110.4	105.4	102.4	100.6	101.1	98.0	89.2	92.3
32.5°	152.5	160.8	164.6	169.9	164.6	160.8	152.5	150.8	141.0	142.4	152.0
30°	303.5	303.0	278.5	282.9	278.5	303.0	303.5	285.5	247.0	247.0	258.5
27.5°	502.5	508.5	505.8	518.6	505.8	508.5	502.5	492.3	460.5	420.4	378.7
25°	782.2	808.3	803.2	828.6	803.2	808.3	782.2	733.8	678.9	630.5	582.3
22.5°	1557.6	1678.1	1676.2	1836.8	1676.2	1678.1	1557.6	1242.8	986.8	888.5	823.6
20°	4160.1	4983.1	4644.0	4706.4	4644.0	4983.1	4160.1	2761.9	1961.5	1298.4	1096.2
17.5°	9593.3	12382.0	13593.0	15106.4	13593.0	12382.0	9593.3	6621.0	4651.4	2641.5	1666.7
15°	21899.8	29329.5	33045.9	29252.7	33045.9	29329.5	21899.8	14188.7	10270.6	6501.9	3190.1
12.5°	45851.8	58896.8	67914.1	60993.9	67914.1	58896.8	45851.8	32167.4	19006.8	12250.5	6956.6
10°	79212.9	103241.7	123100.2	116555.3	123100.2	103241.7	79212.9	53711.9	34553.4	18880.5	11008.8
7.5°	121776.6	160594.2	184822.1	184642.6	184822.1	160594.2	121776.6	84323.5	52161.8	30403.7	16571.1
5°	175199.5	224864.0	255713.4	259433.4	255713.4	224864.0	175199.5	118976.7	72270.9	42167.9	21567.8
2.5°	214755.4	268601.4	310724.5	325917.7	310724.5	268601.4	214755.4	150348.4	87772.2	49151.3	23064.3
0°	230905.5	286417.4	331444.8	356550.8	331444.8	286417.4	230905.5	163294.3	96740.4	54088.1	25221.7
-2.5°	218215.6	269486.7	306624.6	322179.2	306624.6	269486.7	218215.6	149539.9	90011.5	51406.6	23233.8
-5°	190531.6	238817.3	267465.8	277639.6	267465.8	238817.3	190531.6	130793.3	79209.1	45418.3	21249.0
-7.5°	149101.6	189521.2	214252.1	223184.5	214252.1	189521.2	149101.6	101984.2	64603.6	36743.2	17689.1
-10°	103253.3	133298.0	154769.3	161429.4	154769.3	133298.0	103253.3	74045.2	48707.6	27812.9	12856.9
-12.5°	66531.7	84357.4	96253.0	100585.7	96253.0	84357.4	66531.7	49299.1	30815.2	19541.0	9605.8
-15°	40474.8	50400.2	56161.2	58102.5	56161.2	50400.2	40474.8	29576.1	20457.9	12266.3	5259.5
-17.5°	22301.5	27091.6	28852.7	30091.8	28852.7	27091.6	22301.5	16277.6	10929.8	5668.2	3239.6
-20°	9991.0	12070.6	13091.2	13614.6	13091.2	12070.6	9991.0	6367.3	4474.4	2752.0	2278.3



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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°	3852.3	4459.6	4733.1	4957.8	4733.1	4459.6	3852.3	2935.9	2309.6	2086.2	1939.1
-25°	2173.3	2257.6	2296.0	2321.2	2296.0	2257.6	2173.3	2053.8	1916.5	1817.4	1733.8
-27.5°	1808.5	1857.2	1890.6	1885.0	1890.6	1857.2	1808.5	1764.6	1702.9	1671.7	1631.5
-30°	1634.3	1649.3	1661.9	1652.0	1661.9	1649.3	1634.3	1633.1	1617.5	1639.6	1658.6
-32.5°	1629.5	1614.1	1605.3	1603.0	1605.3	1614.1	1629.5	1657.9	1698.1	1716.1	1707.5
-35°	1708.7	1701.7	1697.3	1700.2	1697.3	1701.7	1708.7	1719.7	1729.3	1729.8	1719.5
-37.5°	1785.5	1775.3	1759.7	1747.5	1759.7	1775.3	1785.5	1783.9	1770.9	1735.4	1713.1
-40°	1975.7	2012.5	2059.1	2084.7	2059.1	2012.5	1975.7	1967.6	1925.4	1850.8	1723.5
-42.5°	2131.5	2158.4	2170.5	2169.7	2170.5	2158.4	2131.5	2089.9	1949.8	1809.2	1628.2
-45°	1921.9	2029.4	2087.5	2098.7	2087.5	2029.4	1921.9	1774.9	1581.1	1379.2	1178.9
-47.5°	1311.6	1486.2	1588.6	1602.1	1588.6	1486.2	1311.6	1122.4	946.8	783.1	617.7
-50°	602.4	625.8	634.3	628.0	634.3	625.8	602.4	579.7	563.1	550.6	530.6
-52.5°	559.7	568.7	573.4	574.6	573.4	568.7	559.7	550.8	541.5	528.1	512.7
-55°	556.5	561.4	564.7	567.6	564.7	561.4	556.5	551.8	546.9	534.9	523.0
-57.5°	571.1	581.6	586.6	588.6	586.6	581.6	571.1	559.8	547.6	528.2	507.2
-60°	539.6	549.8	553.6	554.5	553.6	549.8	539.6	528.3	515.7	495.9	472.5
-62.5°	502.9	516.5	521.5	522.9	521.5	516.5	502.9	488.1	472.4	450.7	426.0
-65°	428.1	439.6	440.4	437.1	440.4	439.6	428.1	414.6	399.1	378.5	353.9
-67.5°	324.6	335.4	336.0	332.9	336.0	335.4	324.6	312.2	298.3	282.0	263.5
-70°	210.1	215.1	216.2	215.5	216.2	215.1	210.1	203.7	195.6	185.6	173.5
-72.5°	123.0	127.6	126.7	124.4	126.7	127.6	123.0	117.5	111.3	104.4	96.8
-75°	62.4	65.0	66.0	66.6	66.0	65.0	62.4	59.5	56.3	52.7	49.1
-77.5°	38.0	40.8	41.5	42.0	41.5	40.8	38.0	35.2	32.3	29.7	28.2
-80°	24.3	25.3	25.4	25.4	25.4	25.3	24.3	23.2	22.1	20.9	20.1
-82.5°	18.0	19.2	19.7	20.1	19.7	19.2	18.0	16.8	15.6	14.3	13.7
-85°	12.8	14.0	14.4	14.9	14.4	14.0	12.8	11.7	10.6	9.4	9.2
-87.5°	10.4	11.4	11.9	12.3	11.9	11.4	10.4	9.3	8.2	7.0	6.8
-90°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	0.9	1.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.0	6.5	6.1	5.9	5.7	5.5	5.3	5.3	5.3	5.3	5.3
87.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.6	2.6	2.6	2.6
85°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.6	2.6	2.6	2.6
82.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.7	2.7	2.7
80°	1.7	1.7	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.3
77.5°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9	3.1	3.3	3.5
75°	2.3	2.5	2.7	3.1	3.3	3.4	3.4	3.3	3.3	3.4	3.6
72.5°	3.6	3.6	3.9	4.3	4.5	4.8	4.8	4.6	4.3	3.8	3.6
70°	5.6	6.0	6.8	7.9	8.8	9.2	9.0	8.1	6.6	5.6	4.9
67.5°	7.2	7.9	9.2	10.8	12.0	13.0	14.1	14.7	14.0	12.3	8.5
65°	7.6	8.5	9.6	10.7	12.1	14.1	17.8	19.9	20.4	19.5	14.8
62.5°	6.5	7.6	8.3	9.1	10.3	12.8	17.9	21.8	25.0	24.8	19.3
60°	4.8	5.3	5.9	6.8	7.8	10.5	15.3	20.9	27.3	25.6	21.5
57.5°	4.3	4.6	4.9	5.2	5.3	7.6	11.7	17.0	23.0	22.7	20.8
55°	5.1	5.4	5.5	5.4	5.3	6.3	8.2	11.7	16.4	17.3	16.7
52.5°	5.3	5.7	6.2	6.7	6.6	6.3	6.5	8.6	10.6	12.3	12.7
50°	6.1	6.4	6.6	6.9	7.3	7.2	6.9	7.0	8.3	9.5	10.0
47.5°	8.0	8.3	7.9	7.8	8.6	8.4	8.0	7.9	8.9	8.7	9.2
45°	13.9	13.2	12.0	12.2	12.0	11.8	10.5	11.1	11.4	11.1	9.5
42.5°	28.3	23.2	19.6	20.6	19.3	18.1	16.2	15.8	15.5	14.8	13.9
40°	44.2	42.8	38.8	35.8	33.0	28.0	24.4	21.8	20.7	19.5	19.4
37.5°	63.2	65.3	67.1	65.7	57.5	46.8	37.1	29.8	26.6	27.7	26.3
35°	88.7	92.4	102.0	98.8	93.6	83.7	61.0	43.8	38.3	41.1	36.2
32.5°	126.6	148.1	157.7	149.8	145.9	137.4	108.1	71.3	68.7	64.0	53.5
30°	255.2	242.9	244.4	250.0	247.5	212.3	171.4	177.6	142.3	96.2	76.9
27.5°	396.6	363.0	357.7	428.0	399.8	337.7	328.4	359.6	260.4	172.7	113.4
25°	586.2	566.5	545.3	619.8	636.4	527.7	520.0	548.2	476.3	279.8	159.7
22.5°	787.9	769.9	760.8	793.9	817.0	727.7	696.2	732.3	712.9	411.0	245.2
20°	997.7	940.2	922.2	920.3	900.6	857.2	836.7	862.4	776.9	556.9	333.8
17.5°	1263.2	1129.6	1063.6	1026.7	992.6	940.5	972.1	960.5	859.6	670.5	418.1
15°	1714.9	1402.6	1267.9	1165.4	1118.7	1149.4	1168.9	1102.4	957.4	749.3	532.0
12.5°	3218.0	1750.1	1510.1	1354.5	1315.1	1357.4	1383.2	1280.4	1088.8	921.4	720.2
10°	5126.3	2526.2	1802.8	1599.8	1516.2	1542.5	1554.1	1436.8	1268.9	1121.3	923.0
7.5°	8380.1	3689.3	2089.3	1812.8	1675.8	1653.3	1658.7	1549.5	1423.1	1302.9	1132.9
5°	10921.8	4435.0	2294.2	1967.0	1800.9	1764.7	1772.9	1635.4	1556.8	1469.6	1341.6
2.5°	11492.3	4600.4	2454.6	2103.2	1913.9	1876.6	1895.5	1732.8	1670.1	1587.1	1477.4
0°	12674.8	5142.6	2574.4	2189.8	2000.6	1980.5	2019.0	1850.0	1774.6	1691.4	1592.4
-2.5°	11004.4	4427.8	2526.9	2158.7	1983.7	1963.8	2029.1	1924.4	1811.9	1701.0	1553.2
-5°	9336.1	4039.6	2459.2	2108.6	1955.3	1961.0	2046.1	1987.7	1850.4	1712.3	1485.6
-7.5°	7616.8	3511.7	2351.8	2042.1	1928.7	1977.2	2077.9	2040.5	1905.8	1780.7	1509.5
-10°	5039.7	2864.0	2216.3	1992.2	1942.5	2021.8	2130.0	2084.4	1963.4	1846.5	1498.4
-12.5°	3961.3	2430.4	2079.4	1956.4	2025.3	2144.2	2194.2	2106.0	2026.6	1912.3	1448.3
-15°	2770.5	2245.2	2028.1	2020.0	2157.0	2242.9	2224.0	2075.8	1997.5	1924.1	1356.7
-17.5°	2327.1	2081.4	1952.7	2016.4	2173.6	2272.9	2183.5	2026.3	1901.8	1725.8	1125.7
-20°	2041.7	1920.0	1913.0	1979.8	2074.2	2094.4	2065.3	1928.2	1764.1	1409.2	903.5



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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°	1847.3	1820.8	1854.5	1929.5	1859.6	1865.0	1846.1	1754.8	1587.0	1078.7	697.3
-25°	1727.2	1748.4	1829.8	1811.4	1694.6	1651.5	1659.4	1562.5	1252.7	807.1	530.7
-27.5°	1676.5	1745.3	1800.0	1748.5	1630.1	1535.2	1481.2	1348.9	930.5	633.5	483.6
-30°	1680.7	1747.7	1756.4	1678.9	1571.0	1471.5	1332.2	1016.9	713.4	498.2	446.9
-32.5°	1716.9	1717.4	1679.3	1585.5	1497.3	1394.6	1094.9	745.5	527.8	462.0	425.1
-35°	1708.6	1639.9	1550.2	1489.6	1440.6	1174.0	850.9	572.5	465.6	432.4	407.3
-37.5°	1644.6	1516.5	1450.8	1379.5	1180.9	910.8	610.4	484.0	439.2	413.9	394.2
-40°	1599.6	1466.5	1267.5	1103.7	860.7	590.6	500.6	455.5	424.8	398.6	383.0
-42.5°	1392.3	1183.6	965.2	731.6	544.7	505.1	467.7	436.9	412.3	391.6	357.8
-45°	965.5	752.9	567.8	531.0	494.3	468.0	444.0	424.7	406.7	370.5	328.8
-47.5°	570.2	539.5	507.1	482.6	461.6	443.4	434.5	419.6	381.7	342.6	300.9
-50°	510.5	495.8	476.8	457.0	449.4	441.5	419.4	387.7	351.5	313.4	273.1
-52.5°	496.2	486.5	475.4	462.6	440.4	416.0	387.6	355.8	321.5	283.8	245.4
-55°	511.1	489.8	465.1	439.5	412.1	384.0	354.7	323.0	289.2	253.0	218.3
-57.5°	485.4	461.1	433.8	405.8	377.2	346.9	316.0	285.4	255.5	222.7	191.0
-60°	447.1	420.3	393.4	364.2	332.5	301.9	275.5	248.3	220.3	194.1	167.5
-62.5°	401.4	377.2	346.7	315.0	286.4	261.2	236.1	211.7	189.6	166.9	136.1
-65°	328.8	303.3	278.7	256.1	234.5	214.4	193.3	170.6	147.0	123.9	98.0
-67.5°	244.8	226.5	209.3	192.2	173.8	155.1	134.9	115.2	98.5	82.5	63.6
-70°	160.1	145.6	131.2	117.1	105.4	94.5	82.3	69.2	55.7	46.8	39.0
-72.5°	88.6	79.8	71.2	63.2	54.5	49.3	44.6	39.3	33.8	28.0	23.4
-75°	45.3	41.3	37.6	34.7	31.3	27.6	25.4	23.9	22.5	21.0	19.4
-77.5°	26.6	25.1	23.8	22.9	21.9	20.9	19.8	18.7	17.7	16.6	15.4
-80°	19.2	18.3	17.4	16.8	16.1	15.4	14.7	13.9	13.0	12.3	11.6
-82.5°	13.1	12.5	11.9	11.6	11.4	11.1	10.7	10.3	9.9	9.6	9.2
-85°	8.9	8.6	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2
-87.5°	6.6	6.3	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.9	5.9
-90°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.6	2.6	2.6	2.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.9	4.6
87.5°	2.8	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.2
85°	2.8	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.2
82.5°	2.9	3.1	3.3	3.5	3.6	3.7	3.8	3.8	3.8	4.0	4.2
80°	3.3	3.3	3.4	3.5	3.8	4.0	4.1	4.1	4.1	4.1	4.2
77.5°	3.6	3.6	3.5	3.6	3.8	4.0	4.2	4.4	4.3	4.3	4.3
75°	3.8	3.9	4.0	3.9	3.9	4.0	4.2	4.4	4.4	4.4	4.4
72.5°	3.8	4.1	4.3	4.4	4.2	4.2	4.3	4.4	4.4	4.4	4.4
70°	4.4	4.2	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	5.3	4.7	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.4	4.4
65°	10.4	6.8	4.4	4.4	4.4	4.4	4.4	4.6	4.7	4.6	4.4
62.5°	14.5	10.3	7.1	5.0	4.4	4.4	4.4	4.6	4.8	4.8	4.6
60°	17.6	12.8	9.6	7.2	5.2	4.4	4.5	4.7	4.9	5.0	4.8
57.5°	17.0	14.2	11.7	9.2	6.9	5.1	4.5	4.7	4.9	5.1	5.1
55°	15.0	12.9	13.0	10.9	8.3	6.2	4.9	4.8	5.0	5.2	5.3
52.5°	11.7	12.1	13.1	12.3	9.8	7.3	5.8	4.8	5.0	5.2	5.3
50°	9.4	11.1	13.1	13.2	11.2	8.5	6.5	5.4	5.1	5.2	5.3
47.5°	9.7	11.2	12.5	14.1	12.8	9.7	7.4	5.9	5.1	5.3	5.3
45°	11.2	12.4	12.9	13.9	14.2	10.8	8.2	6.3	5.5	5.3	5.3
42.5°	13.2	14.3	14.6	13.9	14.1	11.8	8.9	6.9	5.8	5.4	5.3
40°	18.1	16.7	16.8	16.4	14.4	12.5	9.6	7.4	6.0	5.5	5.4
37.5°	23.9	21.0	19.4	21.0	16.1	13.2	10.0	7.8	6.3	5.7	5.5
35°	31.3	26.9	25.5	27.0	21.8	14.3	10.2	8.1	7.0	6.0	5.6
32.5°	39.7	39.0	38.7	33.7	29.1	15.9	11.0	9.1	7.7	6.2	5.7
30°	59.9	60.4	57.2	41.6	37.3	22.6	13.0	10.2	8.6	6.4	5.8
27.5°	93.8	85.6	80.0	57.9	44.8	30.8	15.7	11.5	9.5	6.8	6.0
25°	130.2	116.1	104.5	79.9	53.0	41.4	18.4	13.1	10.6	7.6	6.2
22.5°	173.0	147.6	131.6	104.9	66.3	53.3	24.0	15.3	11.8	8.3	6.3
20°	215.8	178.7	161.1	128.7	85.8	64.3	33.2	17.5	13.0	9.1	6.5
17.5°	263.8	218.1	193.1	152.6	107.0	76.6	42.8	19.7	14.3	9.9	6.7
15°	358.6	267.6	228.1	179.1	126.7	89.8	52.7	21.7	15.6	10.7	6.9
12.5°	473.3	316.9	265.6	207.3	144.7	103.5	62.6	23.6	16.9	11.5	7.2
10°	599.5	365.8	304.7	236.4	161.1	117.6	72.3	26.3	18.5	12.3	7.5
7.5°	731.3	413.5	344.5	265.6	179.3	139.2	95.9	31.3	20.1	13.1	7.9
5°	859.6	459.2	387.8	309.0	214.6	168.1	122.4	36.4	21.7	13.8	8.2
2.5°	967.8	501.3	430.9	352.2	248.9	195.9	148.7	41.5	23.2	14.4	8.5
0°	1060.8	540.5	471.3	392.4	282.1	222.5	173.4	46.4	24.5	14.9	8.8
-2.5°	988.4	542.9	475.9	407.8	306.9	244.1	187.2	58.8	31.8	18.8	10.6
-5°	903.6	543.1	479.1	420.7	329.8	263.9	198.0	70.4	38.8	22.5	12.2
-7.5°	899.0	545.3	483.0	431.3	350.8	281.6	205.7	81.1	45.2	26.0	13.8
-10°	887.8	547.6	487.7	433.4	355.1	288.3	209.1	90.4	51.0	29.0	15.1
-12.5°	842.4	547.4	491.6	432.7	353.9	285.1	202.6	97.7	56.1	31.5	16.3
-15°	758.0	544.6	494.9	429.0	349.7	280.4	195.0	103.4	61.4	34.3	17.1
-17.5°	624.7	539.2	497.8	422.3	342.2	274.4	187.0	107.7	65.8	37.5	18.4
-20°	564.7	521.1	498.1	412.5	331.3	267.1	178.8	110.5	69.3	39.9	19.9



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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°	525.7	493.9	465.1	399.2	318.8	258.6	171.0	111.8	71.7	41.4	20.8
-25°	483.8	465.5	431.4	371.4	307.4	245.6	167.4	111.5	72.9	42.1	21.2
-27.5°	448.9	434.6	402.2	344.7	290.3	234.3	166.1	112.4	73.2	41.7	20.8
-30°	416.3	404.7	373.3	320.4	272.2	217.1	162.8	112.0	72.7	41.1	19.9
-32.5°	397.4	381.8	345.6	299.6	252.3	199.3	153.0	110.0	70.8	39.9	19.4
-35°	387.3	359.8	320.4	278.1	231.6	184.1	140.8	106.4	67.5	37.8	18.8
-37.5°	375.9	336.9	296.4	255.6	210.6	168.2	130.0	97.0	62.7	34.7	17.7
-40°	350.0	312.2	272.6	232.8	191.8	151.7	118.2	86.9	57.8	30.5	16.2
-42.5°	322.7	285.3	248.0	209.9	173.1	137.6	105.5	76.0	50.3	27.3	14.2
-45°	292.7	257.7	222.7	188.7	154.2	122.5	92.7	64.8	41.9	24.4	12.7
-47.5°	262.0	230.1	198.5	167.1	136.6	106.7	79.2	54.9	33.2	20.9	12.2
-50°	232.5	203.5	175.1	147.1	118.4	90.9	65.6	44.4	28.1	16.5	11.7
-52.5°	208.3	178.5	153.3	127.6	100.5	74.4	53.4	34.1	22.8	14.3	11.0
-55°	184.4	155.6	132.7	107.1	81.6	59.9	40.8	27.8	17.2	13.2	10.2
-57.5°	162.8	135.0	109.6	85.1	64.1	45.4	31.4	21.2	14.9	12.1	9.7
-60°	139.6	109.4	84.3	65.0	47.3	33.5	23.8	16.2	13.5	11.0	9.2
-62.5°	107.4	81.9	62.3	45.8	33.9	24.8	17.1	14.6	12.2	10.3	8.6
-65°	76.5	57.2	41.1	32.4	23.9	17.7	15.4	13.1	11.2	9.6	8.0
-67.5°	46.5	37.4	28.8	21.1	17.8	15.7	13.6	11.9	10.4	8.9	7.5
-70°	31.0	23.4	19.6	17.6	15.7	13.8	12.4	11.0	9.6	8.2	7.1
-72.5°	21.1	19.0	17.1	15.3	13.7	12.4	11.2	10.0	8.8	7.6	6.6
-75°	17.6	16.0	14.5	13.1	11.8	10.8	10.0	9.1	8.0	7.0	6.2
-77.5°	14.0	12.8	11.7	10.8	10.1	9.4	8.7	8.1	7.2	6.5	6.0
-80°	11.0	10.3	9.6	8.9	8.4	7.9	7.6	7.3	6.7	6.1	5.7
-82.5°	8.6	8.1	7.6	7.2	7.0	6.8	6.7	6.6	6.1	5.7	5.4
-85°	6.8	6.4	6.1	5.7	5.7	5.7	5.9	6.0	5.7	5.4	5.1
-87.5°	5.7	5.6	5.4	5.3	5.4	5.5	5.6	5.6	5.4	5.1	4.9
-90°	2.8	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.7	4.0	4.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	4.5	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	4.5	4.5	4.4	4.4	4.4	4.4	4.4
60°	4.6	4.6	4.4	4.4	4.4	4.4	4.4
57.5°	4.7	4.7	4.5	4.4	4.4	4.4	4.4
55°	4.9	4.8	4.6	4.4	4.4	4.4	4.4
52.5°	5.1	4.9	4.7	4.4	4.4	4.4	4.4
50°	5.2	5.0	4.8	4.4	4.4	4.4	4.4
47.5°	5.3	5.1	4.9	4.4	4.4	4.4	4.4
45°	5.3	5.1	5.0	4.5	4.4	4.4	4.4
42.5°	5.3	5.2	5.1	4.6	4.4	4.4	4.4
40°	5.3	5.2	5.2	4.7	4.4	4.4	4.4
37.5°	5.3	5.3	5.2	4.7	4.4	4.4	4.4
35°	5.3	5.3	5.2	4.8	4.4	4.4	4.4
32.5°	5.3	5.3	5.3	4.9	4.4	4.4	4.4
30°	5.4	5.3	5.3	4.9	4.4	4.4	4.4
27.5°	5.5	5.3	5.3	5.0	4.4	4.4	4.4
25°	5.6	5.3	5.3	5.0	4.4	4.4	4.4
22.5°	5.7	5.3	5.3	5.1	4.4	4.4	4.4
20°	5.8	5.4	5.3	5.1	4.4	4.4	4.4
17.5°	5.9	5.4	5.3	5.2	4.4	4.4	4.4
15°	6.1	5.5	5.3	5.2	4.4	4.4	4.4
12.5°	6.3	5.6	5.3	5.2	4.4	4.4	4.4
10°	6.4	5.7	5.3	5.3	4.4	4.4	4.4
7.5°	6.6	5.8	5.3	5.3	4.4	4.4	4.4
5°	6.7	5.9	5.3	5.3	4.4	4.4	4.4
2.5°	6.9	6.0	5.3	5.3	4.4	4.4	4.4
0°	7.0	6.1	5.3	5.3	4.4	4.4	4.4
-2.5°	7.5	6.2	5.4	5.3	4.4	4.4	4.4
-5°	7.9	6.3	5.4	5.3	4.5	4.4	4.4
-7.5°	8.3	6.4	5.5	5.3	4.5	4.4	4.4
-10°	8.7	6.4	5.6	5.3	4.6	4.4	4.4
-12.5°	8.9	6.5	5.6	5.3	4.6	4.4	4.4
-15°	9.2	6.5	5.7	5.2	4.6	4.4	4.4
-17.5°	9.3	6.6	5.7	5.2	4.6	4.4	4.4
-20°	9.6	6.6	5.7	5.2	4.7	4.4	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.2	6.6	5.7	5.2	4.7	4.4	4.4
-25°	10.5	6.8	5.7	5.2	4.7	4.4	4.4
-27.5°	10.6	7.0	5.7	5.2	4.7	4.4	4.4
-30°	10.4	7.1	5.7	5.2	4.7	4.4	4.4
-32.5°	9.9	7.2	5.7	5.2	4.7	4.4	4.4
-35°	9.7	7.2	5.8	5.2	4.7	4.4	4.4
-37.5°	9.7	7.2	5.8	5.3	4.7	4.4	4.4
-40°	9.7	7.2	5.7	5.3	4.7	4.4	4.4
-42.5°	9.5	7.2	5.7	5.3	4.7	4.4	4.4
-45°	9.3	7.1	5.8	5.3	4.7	4.4	4.4
-47.5°	8.9	7.0	5.8	5.3	4.6	4.4	4.4
-50°	8.7	6.8	5.8	5.3	4.6	4.4	4.4
-52.5°	8.4	6.6	5.8	5.2	4.6	4.4	4.4
-55°	8.1	6.5	5.7	5.1	4.5	4.4	4.4
-57.5°	7.7	6.4	5.7	5.1	4.5	4.4	4.4
-60°	7.4	6.3	5.6	5.0	4.4	4.4	4.4
-62.5°	7.1	6.1	5.5	4.9	4.4	4.4	4.4
-65°	6.8	5.9	5.4	4.8	4.4	4.4	4.4
-67.5°	6.5	5.7	5.2	4.7	4.4	4.4	4.4
-70°	6.1	5.6	5.1	4.6	4.4	4.4	4.4
-72.5°	5.9	5.4	5.0	4.6	4.4	4.4	4.4
-75°	5.7	5.3	4.8	4.6	4.4	4.4	4.4
-77.5°	5.5	5.1	4.8	4.5	4.4	4.4	4.4
-80°	5.3	5.0	4.7	4.5	4.4	4.4	4.4
-82.5°	5.1	4.8	4.6	4.5	4.4	4.4	4.4
-85°	4.9	4.7	4.6	4.5	4.4	4.4	4.4
-87.5°	4.6	4.5	4.5	4.4	4.4	4.4	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)