

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: P1306019 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-2S-CV5-A**

Issue Date: 2/3/2026

Test Information

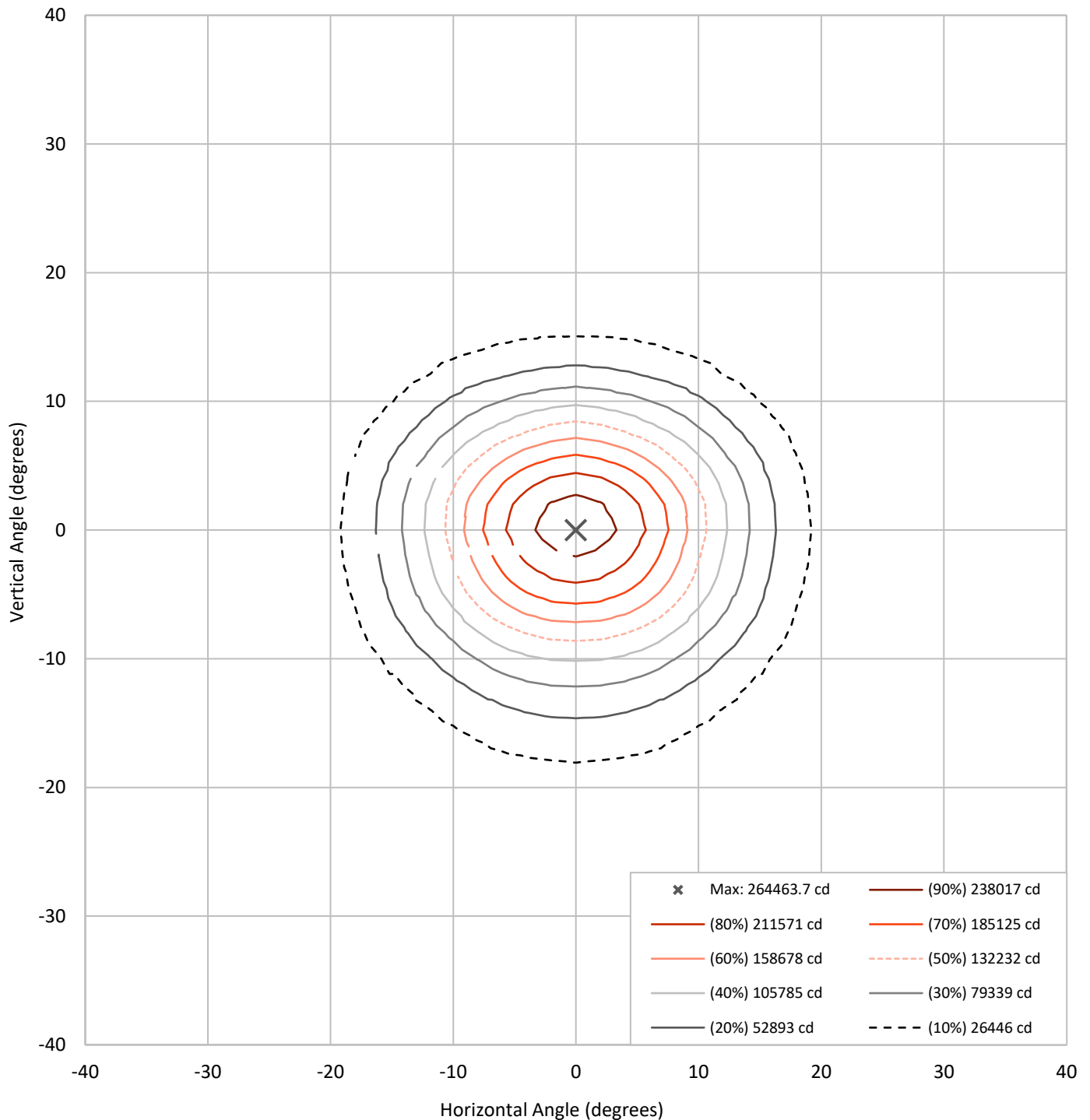
Test Method: LM-79-08
Report Number: P1306019 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-320N-40-80-2S-CV5-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	35670.7 lumens	Max Intensity:	264463.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	15610.3 lumens	Field Lumens:	30215 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
Input Watts (W):	340		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





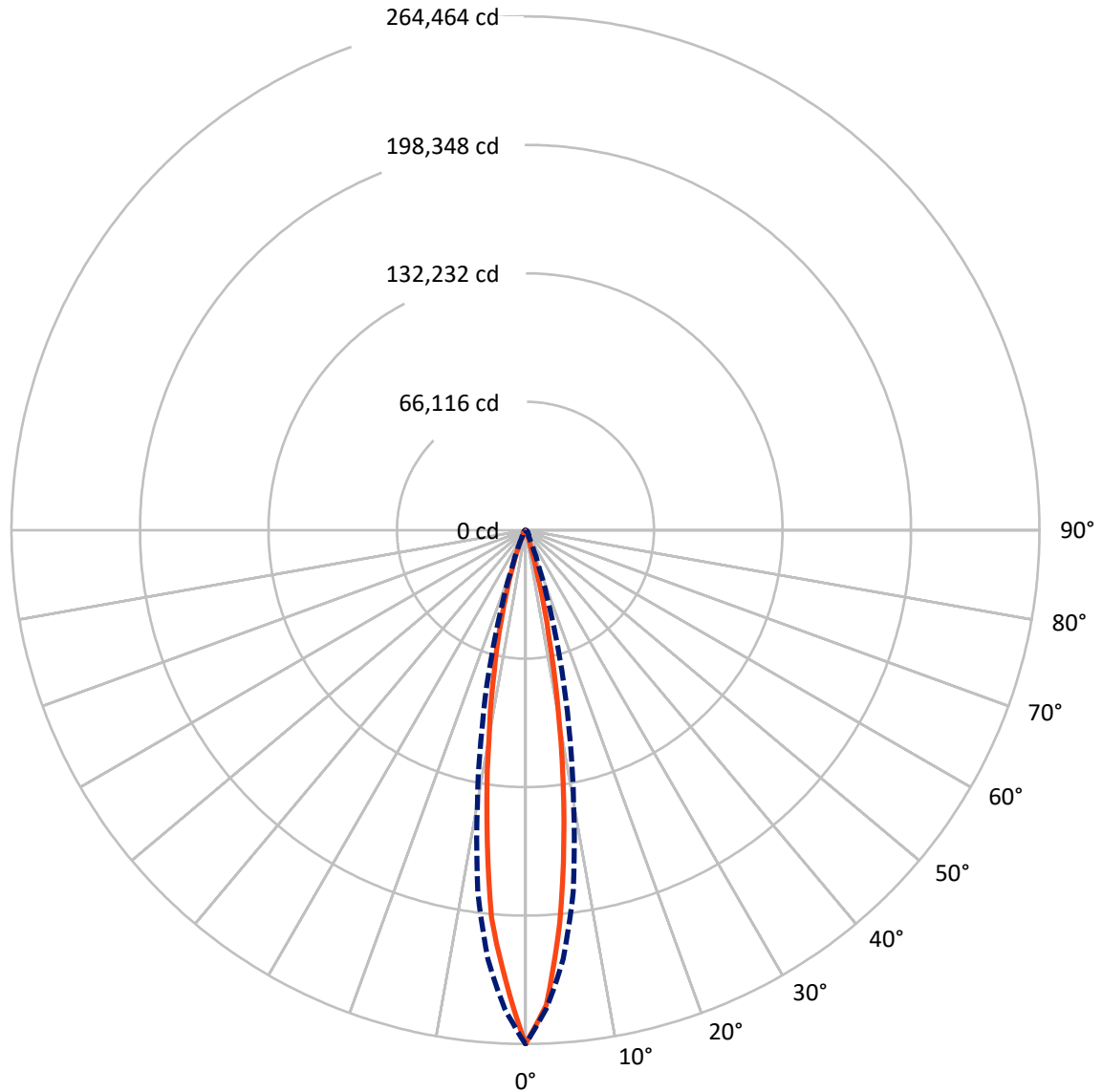
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Lumen Table

90	0.1	0.3		0.4		0.4		0.6		0.4		0.4		0.3		0.1			
80	0.1	0.3		0.4		0.4		0.6		0.4		0.4		0.3		0.1			
70	0.1	0.1	0.1	0.4	0.5	0.2	0.1	0.1	0.1	0.1	0.2	0.5	0.4	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.2	0.1				
50	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1			
40		0.2	0.3	0.5	0.9	1.3	1.5	1.8	1.8	1.5	1.3	0.9	0.5	0.3	0.2				
30	0.2	0.3	0.9	2.3	4.4	5.7	10.1	21.4	21.4	10.1	5.7	4.4	2.3	0.9	0.3	0.2			
20		0.7	3.3	11.0	22.9	41.6	287.0	883.9	883.9	287.0	41.6	22.9	11.0	3.3	0.7				
10	0.2	1.2	6.8	26.7	53.4	169.7	1656.8	4925.1	4925.1	1656.8	169.7	53.4	26.7	6.8	1.2	0.2			
0		1.6	8.1	31.2	61.0	177.1	1691.2	4951.7	4951.7	1691.2	177.1	61.0	31.2	8.1	1.6				
-10	0.4	1.7	7.1	23.3	47.1	76.4	467.0	1387.2	1387.2	467.0	76.4	47.1	23.3	7.1	1.7	0.4			
-20		1.7	5.9	13.8	35.1	49.8	75.2	157.9	157.9	75.2	49.8	35.1	13.8	5.9	1.7				
-30	0.3	1.5	4.8	9.6	21.5	41.1	52.3	56.2	56.2	52.3	41.1	21.5	9.6	4.8	1.5	0.3			
-40		1.0	3.6	7.7	13.0	21.0	34.1	44.4	44.4	34.1	21.0	13.0	7.7	3.6	1.0				
-50	0.2	0.5	2.1	4.8	8.8	12.8	15.8	17.6	17.6	15.8	12.8	8.8	4.8	2.1	0.5	0.2			
-60		0.2	0.7	2.0	3.9	6.0	8.2	9.5	9.5	8.2	6.0	3.9	2.0	0.7	0.2				
-70	0.1	0.7		1.8		4.5		7.0		4.5		1.8		0.7		0.1			
-80		0.7		1.8		4.5		7.0		4.5		1.8		0.7					
-90	0.1	0.7		1.8		4.5		7.0		4.5		1.8		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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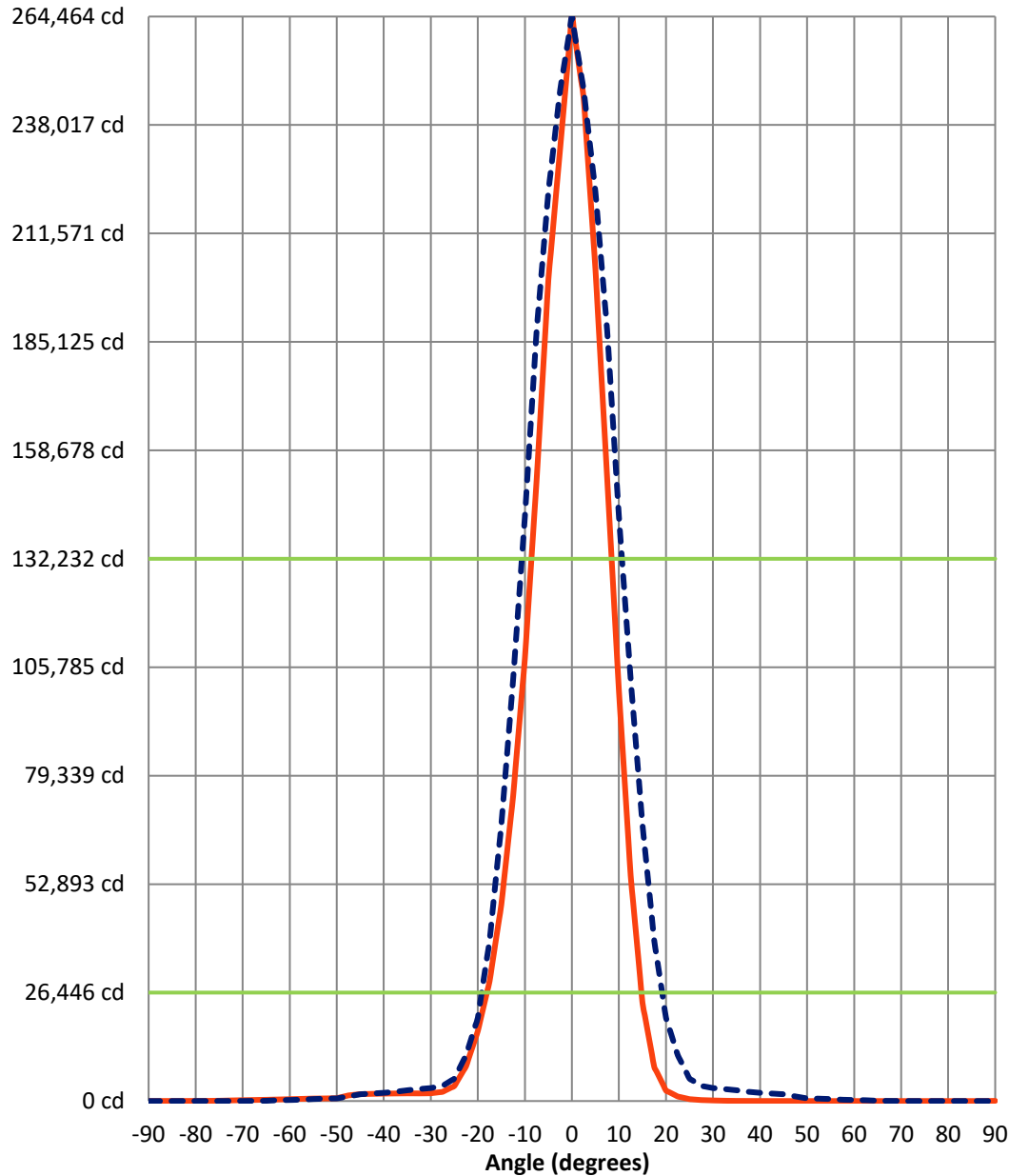
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 21.3°
V Angle: 17°
Lumens: 15610.3
Efficiency: 43.8%

Field:
H Angle: 38.4°
V Angle: 32.9°
Lumens: 30215
Efficiency: 84.7%

Spill:
Lumens: 5455.7
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°	4.4	4.4	4.4	4.7	5.0	5.2	5.5	5.8	6.1	6.3	6.6
87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2	4.0	3.9	3.8
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.2
82.5°	4.4	4.4	4.4	4.4	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	4.4	4.4	4.4	4.4
77.5°	4.4	4.4	4.4	4.4	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	4.5	4.4	4.4	4.4	4.4	4.4
72.5°	4.4	4.4	4.4	4.4	4.5	4.6	4.5	4.4	4.4	4.4	4.4
70°	4.4	4.4	4.4	4.4	4.6	4.6	4.5	4.4	4.4	4.4	4.4
67.5°	4.4	4.4	4.4	4.5	4.7	4.7	4.5	4.4	4.4	4.6	4.5
65°	4.4	4.4	4.4	4.6	4.8	4.8	4.5	4.4	4.6	4.8	4.6
62.5°	4.4	4.4	4.4	4.8	5.0	4.8	4.6	4.6	4.9	4.9	4.7
60°	4.4	4.4	4.4	4.9	5.1	4.9	4.6	4.9	5.2	5.0	4.7
57.5°	4.4	4.4	4.5	5.0	5.1	4.9	4.9	5.2	5.3	5.0	5.1
55°	4.4	4.4	4.6	5.1	5.1	4.9	5.1	5.5	5.3	5.2	5.5
52.5°	4.4	4.4	4.6	5.2	5.2	5.0	5.4	5.6	5.4	5.6	6.0
50°	4.4	4.4	4.7	5.3	5.2	5.2	5.7	5.7	5.5	6.0	6.9
47.5°	4.4	4.4	4.8	5.4	5.2	5.4	5.9	5.9	5.9	6.4	7.7
45°	4.4	4.4	4.9	5.5	5.3	5.6	6.1	6.0	6.3	6.9	8.3
42.5°	4.4	4.4	4.9	5.5	5.3	5.9	6.2	6.3	6.7	7.3	9.2
40°	4.4	4.4	5.0	5.5	5.4	6.1	6.4	6.6	7.1	7.5	10.0
37.5°	4.4	4.4	5.0	5.5	5.6	6.3	6.6	7.0	7.6	8.3	10.7
35°	4.4	4.4	5.1	5.6	5.7	6.4	6.8	7.3	8.2	9.5	11.1
32.5°	4.4	4.4	5.2	5.6	5.9	6.6	7.0	7.6	8.9	10.7	12.0
30°	4.4	4.4	5.2	5.7	6.0	6.8	7.3	8.0	9.5	11.9	13.2
27.5°	4.4	4.4	5.3	5.7	6.1	6.9	7.6	8.6	10.4	13.1	14.5
25°	4.4	4.4	5.3	5.8	6.2	7.1	7.8	9.1	11.3	14.2	16.0
22.5°	4.4	4.4	5.3	5.9	6.3	7.3	8.1	9.7	12.3	15.3	19.0
20°	4.4	4.4	5.4	5.9	6.4	7.4	8.3	10.3	13.3	16.6	22.4
17.5°	4.4	4.4	5.4	6.0	6.5	7.4	8.5	10.8	14.2	17.9	26.0
15°	4.4	4.4	5.4	6.1	6.5	7.5	8.7	11.4	15.1	19.3	29.8
12.5°	4.4	4.4	5.4	6.2	6.6	7.6	9.0	11.8	15.9	20.7	33.6
10°	4.4	4.4	5.5	6.3	6.6	7.6	9.2	12.1	16.8	23.0	38.2
7.5°	4.4	4.4	5.5	6.4	6.6	7.7	9.4	12.5	17.6	25.5	44.4
5°	4.4	4.4	5.5	6.4	6.6	7.7	9.6	12.8	18.4	28.1	50.4
2.5°	4.4	4.4	5.5	6.5	6.6	7.7	9.7	13.0	19.2	30.6	56.2
0°	4.4	4.4	5.5	6.6	6.6	7.7	9.9	13.2	19.8	33.0	61.6
-2.5°	4.4	4.4	5.5	6.7	6.8	7.9	10.8	15.8	24.9	40.8	71.6
-5°	4.4	4.4	5.6	6.7	7.0	8.2	11.6	18.2	29.8	48.3	80.8
-7.5°	4.4	4.5	5.6	6.8	7.2	8.4	12.3	20.5	34.4	55.3	89.3
-10°	4.4	4.5	5.7	6.8	7.3	8.6	13.0	22.5	38.5	61.6	96.9
-12.5°	4.4	4.5	5.7	6.9	7.5	8.8	13.5	24.2	42.1	67.2	103.4
-15°	4.4	4.5	5.7	6.9	7.7	9.0	13.9	25.5	45.3	72.0	108.8
-17.5°	4.4	4.6	5.7	6.9	7.8	9.1	14.2	26.9	48.2	76.0	113.0
-20°	4.4	4.6	5.7	7.0	7.9	9.3	14.5	28.1	50.3	79.1	115.9



REPORT NUMBER: P1306019 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.4	4.6	5.8	7.0	8.0	9.4	14.8	28.7	51.7	81.4	117.6
-25°	4.4	4.6	5.8	7.0	8.1	9.6	14.9	28.6	52.2	82.7	117.8
-27.5°	4.4	4.6	5.8	7.0	8.2	9.8	14.7	27.9	51.9	83.1	118.8
-30°	4.4	4.6	5.8	7.0	8.2	9.9	14.1	26.5	51.0	82.5	118.7
-32.5°	4.4	4.6	5.7	7.0	8.3	10.0	13.2	25.5	49.3	80.7	117.3
-35°	4.4	4.7	5.7	7.0	8.3	10.0	12.9	24.5	46.5	77.7	114.5
-37.5°	4.4	4.7	5.7	6.9	8.3	9.9	12.9	22.9	42.6	73.4	106.4
-40°	4.4	4.7	5.7	6.9	8.3	9.9	12.7	20.8	37.7	68.0	97.1
-42.5°	4.4	4.7	5.7	6.8	8.2	9.9	12.5	18.1	33.8	59.5	86.8
-45°	4.4	4.7	5.6	6.8	8.2	9.8	12.1	16.2	30.2	50.1	75.7
-47.5°	4.4	4.7	5.6	6.7	8.1	9.7	11.6	15.6	25.9	40.1	64.4
-50°	4.4	4.7	5.6	6.7	8.0	9.6	11.4	14.8	20.4	33.9	52.5
-52.5°	4.4	4.7	5.5	6.6	7.9	9.4	11.2	13.9	17.8	27.4	40.5
-55°	4.4	4.7	5.5	6.5	7.7	9.2	10.9	12.9	16.3	20.7	32.9
-57.5°	4.4	4.6	5.4	6.4	7.6	9.0	10.6	12.5	14.9	17.9	25.0
-60°	4.4	4.6	5.4	6.3	7.4	8.7	10.3	12.1	13.6	16.3	18.9
-62.5°	4.4	4.6	5.3	6.2	7.2	8.5	9.9	11.5	12.9	14.7	17.2
-65°	4.4	4.6	5.2	6.0	7.0	8.2	9.6	10.9	12.2	13.6	15.5
-67.5°	4.4	4.6	5.2	5.9	6.8	7.9	9.1	10.4	11.4	12.7	14.2
-70°	4.4	4.6	5.1	5.8	6.6	7.5	8.7	9.9	10.9	11.7	13.0
-72.5°	4.4	4.6	5.0	5.6	6.3	7.2	8.2	9.3	10.3	11.2	11.9
-75°	4.4	4.5	4.9	5.5	6.1	6.8	7.7	8.8	9.8	10.7	11.4
-77.5°	4.4	4.5	4.9	5.4	5.9	6.4	7.2	8.1	9.1	10.1	11.0
-80°	4.4	4.5	4.8	5.2	5.7	6.2	6.6	7.5	8.4	9.3	10.2
-82.5°	4.4	4.5	4.7	5.1	5.5	5.9	6.3	7.0	7.7	8.5	9.3
-85°	4.4	4.4	4.6	5.0	5.3	5.7	6.1	6.6	7.2	7.8	8.4
-87.5°	4.4	4.4	4.5	4.8	5.1	5.5	5.8	6.2	6.6	7.1	7.5
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	3.9	3.6	3.3



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 CATALOG NUMBER: EPH-08-320N-40-80-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.6	6.6	6.6	6.6	6.9	7.2	7.4	7.7	8.0	8.2	8.5
87.5°	3.7	3.6	3.4	3.3	3.3	3.3	3.3	3.3	3.0	2.8	2.5
85°	4.1	3.9	3.6	3.5	3.5	3.5	3.4	3.3	3.2	3.0	3.0
82.5°	4.2	4.1	4.1	4.1	4.0	3.8	3.6	3.3	3.3	3.3	3.3
80°	4.4	4.4	4.4	4.4	4.2	3.9	3.6	3.3	3.3	3.3	3.4
77.5°	4.4	4.4	4.4	4.4	4.2	4.0	3.9	3.9	3.9	3.8	3.6
75°	4.4	4.4	4.4	4.4	4.3	4.3	4.4	4.4	4.3	4.2	4.2
72.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.3	6.5	7.3
70°	4.4	4.4	4.4	4.4	4.4	4.8	6.4	8.5	10.7	12.0	13.3
67.5°	4.4	4.4	4.4	4.6	5.7	7.5	10.0	14.6	19.9	21.4	21.4
65°	4.4	4.4	4.9	6.1	7.5	11.2	16.3	22.5	27.2	26.4	24.5
62.5°	4.4	4.9	6.0	7.9	10.9	15.6	20.3	24.8	29.4	28.1	23.9
60°	4.9	5.5	7.6	10.7	14.0	17.2	21.8	24.6	27.1	27.2	21.0
57.5°	5.4	6.8	9.9	13.0	15.6	17.7	19.6	21.8	22.6	22.1	16.1
55°	6.2	8.5	11.8	14.7	16.4	15.5	16.4	16.9	16.6	15.1	10.6
52.5°	7.7	10.2	13.4	15.7	15.8	13.8	12.3	12.3	11.2	9.2	7.8
50°	8.9	11.8	14.8	16.1	15.0	11.9	9.3	9.0	8.3	7.4	6.6
47.5°	10.1	13.2	16.0	16.4	13.4	10.9	8.6	7.8	7.3	7.2	6.8
45°	11.3	14.1	17.0	15.2	12.6	10.8	9.2	7.7	7.9	7.8	7.4
42.5°	12.3	14.7	16.0	14.2	12.9	11.7	10.5	9.4	8.8	9.0	8.9
40°	12.7	15.1	15.2	14.9	13.7	13.3	13.1	12.2	10.4	11.3	11.5
37.5°	12.8	14.9	15.6	16.8	15.5	15.9	16.4	16.6	15.4	14.5	16.7
35°	12.8	15.2	18.3	20.0	19.1	19.6	21.5	22.3	21.8	21.4	25.4
32.5°	13.1	15.9	21.9	24.0	25.3	25.9	27.6	29.1	30.6	33.1	40.7
30°	14.6	19.4	26.2	28.5	32.8	37.6	36.4	37.2	41.2	56.2	69.1
27.5°	17.8	24.0	30.6	35.4	42.5	52.5	54.1	49.7	62.7	85.5	106.7
25°	21.7	38.7	35.3	43.6	57.1	70.5	76.8	79.7	95.0	125.8	149.7
22.5°	29.8	58.3	56.9	52.6	73.9	91.5	107.0	137.7	180.9	190.5	195.7
20°	44.1	77.7	83.3	87.6	99.2	115.1	141.9	215.4	307.3	341.1	306.0
17.5°	61.1	99.0	112.7	132.8	159.1	164.2	186.3	308.1	466.2	521.3	532.0
15°	80.1	121.7	144.0	183.4	223.4	242.5	306.7	458.0	640.0	730.1	792.5
12.5°	100.6	145.6	176.7	238.2	291.0	321.1	458.2	688.8	863.5	968.8	1133.6
10°	121.8	170.2	210.2	295.6	361.0	399.8	625.5	927.3	1103.3	1223.0	1435.0
7.5°	143.9	193.9	243.5	354.4	432.2	478.0	801.7	1167.8	1336.8	1467.2	1680.8
5°	165.0	215.8	273.1	403.7	491.3	545.7	965.0	1403.8	1563.6	1701.9	1893.2
2.5°	184.4	236.7	301.8	449.1	540.9	596.8	1057.9	1538.7	1708.1	1872.8	2082.3
0°	201.4	256.4	329.0	490.7	587.6	645.9	1133.3	1656.0	1830.9	2010.3	2261.2
-2.5°	203.9	262.3	337.4	486.9	578.9	638.4	1113.6	1637.9	1850.6	2059.9	2321.8
-5°	203.7	266.7	343.6	479.2	567.5	628.6	1074.8	1596.6	1843.5	2051.0	2296.9
-7.5°	201.4	269.3	347.4	467.9	550.0	606.5	1000.3	1494.9	1753.8	1936.6	2172.9
-10°	197.4	268.4	342.1	448.8	525.1	576.8	905.2	1374.9	1659.5	1819.8	2029.9
-12.5°	192.2	264.6	334.0	428.2	500.8	546.3	794.8	1238.8	1562.9	1703.8	1875.7
-15°	186.3	259.8	324.3	407.2	478.0	515.6	670.4	1088.9	1467.6	1613.9	1748.5
-17.5°	180.0	254.1	313.4	386.3	457.5	485.0	536.1	925.3	1331.9	1516.1	1652.5
-20°	173.7	247.8	301.4	366.3	438.1	464.9	498.0	767.9	1134.5	1403.1	1547.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	167.8	240.9	290.0	349.9	416.3	453.9	479.4	614.1	926.3	1276.8	1435.2
-25°	165.5	230.6	280.6	334.7	395.6	443.8	462.2	484.8	736.4	1072.3	1321.6
-27.5°	165.1	222.0	270.2	318.2	375.0	430.6	449.9	466.5	594.7	867.0	1190.1
-30°	162.9	210.3	258.5	301.9	355.2	407.3	440.3	458.7	487.6	697.9	966.9
-32.5°	155.7	197.9	244.7	287.9	334.7	384.9	432.4	455.0	478.7	536.5	761.8
-35°	146.4	186.5	230.1	272.6	313.7	363.2	411.9	452.0	469.8	496.7	590.7
-37.5°	137.7	174.0	215.0	256.2	295.9	340.6	390.0	434.9	466.0	486.9	520.5
-40°	127.8	160.3	199.9	239.4	277.5	318.2	364.1	410.5	452.5	488.4	514.2
-42.5°	116.8	148.1	183.7	222.0	257.8	296.2	336.8	381.8	429.5	478.6	515.2
-45°	104.3	134.7	166.7	201.5	236.3	272.4	310.8	351.2	399.5	449.6	498.4
-47.5°	90.7	119.9	150.3	179.7	212.7	246.8	282.7	322.1	364.9	412.4	462.5
-50°	76.4	103.6	132.0	159.1	187.7	219.4	252.6	290.4	330.2	371.8	416.7
-52.5°	62.5	86.2	112.4	138.5	163.8	190.9	222.0	256.0	292.7	331.1	368.6
-55°	47.8	69.4	91.9	116.5	140.9	164.4	190.4	220.9	252.4	287.2	320.5
-57.5°	36.7	52.4	72.3	93.4	116.4	139.4	162.7	185.8	213.5	242.4	269.8
-60°	27.5	38.4	53.2	71.6	90.5	112.2	135.0	156.8	178.0	198.0	221.7
-62.5°	19.4	28.0	37.9	50.3	67.0	84.2	103.9	124.8	146.2	163.5	179.4
-65°	17.6	19.6	26.3	35.2	44.2	59.2	74.9	90.5	108.7	125.4	141.1
-67.5°	15.8	17.6	19.3	22.4	30.4	39.1	47.8	61.5	75.1	87.1	99.0
-70°	14.4	15.6	17.1	18.6	20.3	24.0	31.5	39.2	46.8	55.6	66.1
-72.5°	13.0	14.3	15.4	16.3	17.8	19.5	21.3	23.3	27.7	33.8	40.0
-75°	12.1	13.0	14.1	15.1	15.9	16.9	18.1	19.7	21.2	22.5	23.7
-77.5°	11.4	12.0	12.8	13.7	14.4	14.9	15.6	16.5	17.6	18.8	20.0
-80°	10.6	11.0	11.4	11.9	12.4	12.9	13.3	13.7	14.3	15.1	15.9
-82.5°	9.6	9.9	10.1	10.4	10.6	10.8	11.1	11.4	11.7	12.1	12.5
-85°	8.6	8.8	9.0	9.1	9.1	9.0	9.0	9.1	9.3	9.5	9.6
-87.5°	7.6	7.7	7.8	7.9	7.9	7.9	7.8	7.7	7.8	7.8	7.9
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.8	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°	8.8	8.8	8.8	8.8	8.8	11.8	14.8	17.9	20.9	26.1	31.3
87.5°	2.2	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	1.1	1.1
85°	2.9	2.8	2.6	2.4	2.2	2.2	2.1	2.1	2.1	1.9	1.6
82.5°	3.3	3.0	2.8	2.5	2.2	2.0	1.8	1.5	1.2	1.2	1.1
80°	3.3	3.1	2.8	2.5	2.2	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	3.5	3.3	3.0	2.7	2.3	2.2	2.2	2.2	2.2	2.0	1.7
75°	4.3	4.2	4.1	3.8	3.4	3.2	3.0	2.7	2.3	2.2	2.2
72.5°	7.8	7.7	7.4	6.9	6.1	5.6	5.4	5.1	4.8	4.8	4.7
70°	13.8	13.6	12.8	11.3	9.2	7.8	7.2	6.5	5.8	5.5	5.4
67.5°	19.5	17.3	15.2	13.1	10.5	8.5	7.5	6.4	5.2	4.6	4.6
65°	21.6	17.3	14.3	11.9	10.0	8.2	6.8	5.4	4.2	3.7	3.8
62.5°	19.4	14.3	11.2	9.1	7.5	6.4	5.3	4.4	3.7	3.3	3.4
60°	15.4	10.4	7.7	6.4	5.3	4.5	3.9	3.4	2.9	2.6	2.7
57.5°	11.1	7.4	5.4	5.0	4.4	3.6	3.1	3.0	2.9	2.9	3.1
55°	7.5	6.2	5.5	4.9	4.3	3.7	3.3	3.3	3.3	3.3	3.3
52.5°	6.3	5.9	5.6	5.1	4.5	3.9	3.3	3.3	3.3	3.3	3.3
50°	6.3	6.0	5.7	5.3	4.7	4.0	3.4	3.4	3.7	3.9	3.9
47.5°	6.4	6.1	5.9	5.5	5.0	4.7	4.4	4.5	4.9	5.1	5.0
45°	6.7	6.8	6.7	6.6	6.2	6.3	6.3	6.4	7.8	7.8	6.8
42.5°	8.3	8.8	9.3	9.6	8.2	10.7	14.5	16.2	14.2	11.5	9.7
40°	12.4	13.0	15.6	16.9	20.8	24.5	21.1	17.1	15.3	16.6	17.6
37.5°	19.8	23.5	28.6	34.6	32.1	25.6	25.7	25.7	25.0	27.2	27.1
35°	33.1	41.5	46.6	45.5	42.1	40.2	42.0	43.9	39.6	43.4	44.4
32.5°	53.3	63.4	64.7	61.3	61.5	64.8	70.8	70.0	71.3	75.6	80.6
30°	77.0	88.9	93.5	87.2	82.7	90.6	94.1	97.1	106.8	119.6	131.0
27.5°	115.9	124.6	132.5	125.9	112.7	122.6	129.6	127.5	154.4	168.7	200.9
25°	164.7	177.0	181.6	184.0	179.6	177.8	195.2	204.1	241.2	280.5	347.4
22.5°	224.9	258.7	268.3	255.7	269.8	279.7	291.5	331.2	405.4	526.2	698.6
20°	301.3	370.3	425.8	416.9	383.8	426.1	473.9	599.2	816.2	1303.9	1703.0
17.5°	543.1	544.3	655.3	699.9	645.4	737.2	972.3	1379.9	2276.4	3921.7	4988.3
15°	916.7	941.5	992.6	1052.3	1150.5	1390.2	1863.8	3571.8	6144.1	9703.0	13354.9
12.5°	1312.9	1368.7	1456.1	1505.0	1705.3	2346.8	4378.2	8118.3	13547.7	20399.0	31764.2
10°	1653.3	1801.8	1914.4	2067.4	2584.2	4090.8	7596.2	14058.7	25003.2	39784.7	57254.7
7.5°	1894.1	2111.4	2301.7	2589.4	3662.6	6699.8	12578.9	23330.1	39861.1	60735.5	84817.7
5°	2136.2	2411.1	2624.6	3003.8	4351.3	8656.7	16480.2	32017.1	55887.7	84304.3	116511.9
2.5°	2382.2	2691.2	2926.4	3395.7	4791.9	9648.9	18459.5	37201.5	66485.2	101085.9	140188.3
0°	2629.8	2922.4	3170.0	3700.4	5476.3	11210.0	20324.0	39180.1	67472.6	102791.8	142482.4
-2.5°	2618.4	2811.6	3038.3	3449.3	4995.3	10319.4	18890.4	37027.9	63874.0	96634.3	132627.8
-5°	2518.8	2654.5	2834.2	3197.4	4469.0	8601.6	16337.8	31651.8	56415.0	86429.1	117453.6
-7.5°	2364.1	2478.0	2612.2	2912.1	3862.2	6846.2	13215.4	25386.3	44752.7	66497.7	90287.6
-10°	2215.7	2303.6	2399.0	2606.8	3217.3	5017.7	9375.4	17201.9	31152.9	47420.4	65524.8
-12.5°	2079.0	2149.1	2199.7	2287.5	2591.8	3634.4	6740.9	12337.7	20352.3	30429.2	43784.8
-15°	1939.6	1999.1	2025.3	2095.7	2294.7	2810.7	4063.0	7583.6	12722.8	19230.3	26002.2
-17.5°	1790.0	1860.6	1900.1	1945.3	2032.0	2245.8	2936.8	4417.0	7524.1	11892.9	16254.5
-20°	1667.0	1750.1	1784.0	1815.4	1895.3	2020.9	2218.1	2883.8	4018.7	6739.6	9451.8



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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°	1548.2	1623.0	1667.1	1734.6	1837.9	1924.9	1989.6	2148.1	2619.5	3361.9	4687.4
-25°	1440.0	1504.8	1591.7	1721.4	1822.6	1884.7	1896.9	1903.6	2038.0	2185.4	2632.9
-27.5°	1331.2	1423.1	1552.4	1698.7	1818.9	1849.2	1850.8	1848.5	1880.6	1903.0	2014.3
-30°	1234.3	1354.6	1476.6	1632.9	1749.8	1799.1	1819.9	1834.3	1850.8	1871.2	1878.6
-32.5°	1036.6	1282.5	1381.3	1506.4	1653.9	1731.8	1770.9	1804.3	1822.5	1840.3	1854.3
-35°	819.5	1079.0	1314.9	1395.7	1500.3	1632.3	1730.6	1770.5	1804.1	1823.2	1840.9
-37.5°	616.4	838.8	1068.2	1283.0	1389.9	1483.1	1608.8	1706.6	1768.3	1792.7	1814.1
-40°	543.2	600.9	803.5	1000.7	1188.9	1366.6	1471.0	1589.2	1683.6	1731.4	1768.4
-42.5°	540.4	561.6	582.2	720.7	895.5	1066.9	1229.0	1380.6	1520.7	1615.9	1686.5
-45°	539.8	554.9	572.2	592.8	613.7	747.5	897.2	1047.8	1201.4	1345.6	1474.8
-47.5°	504.7	542.3	563.0	579.5	593.4	611.1	631.2	669.3	794.3	920.3	1046.6
-50°	456.5	494.1	528.6	561.5	578.3	589.7	600.8	613.3	629.1	644.9	661.2
-52.5°	402.6	438.3	473.4	504.9	532.0	558.0	582.8	594.1	602.5	610.2	616.8
-55°	352.4	383.0	412.7	440.6	467.6	493.0	516.2	536.0	554.4	571.1	584.1
-57.5°	299.1	328.2	355.8	379.3	401.7	422.9	443.4	462.5	479.7	494.9	507.6
-60°	245.5	269.5	293.7	316.1	337.4	357.5	374.5	390.1	404.4	417.5	429.5
-62.5°	195.1	213.8	234.3	253.1	270.0	286.4	304.4	320.1	333.3	344.9	355.7
-65°	155.6	168.9	183.7	197.9	211.6	227.2	244.3	259.2	272.1	282.8	292.1
-67.5°	112.4	125.4	139.5	152.3	164.2	177.2	193.0	207.8	221.7	232.9	241.9
-70°	75.7	84.9	95.5	107.0	118.5	130.7	144.5	157.9	170.8	181.1	189.6
-72.5°	46.4	52.6	58.6	66.3	74.2	83.6	94.1	104.8	115.5	124.2	131.6
-75°	24.7	26.8	31.4	35.8	39.9	45.1	50.5	55.6	60.2	64.5	68.4
-77.5°	21.1	22.0	22.8	23.5	24.3	26.3	28.9	31.7	34.5	37.3	40.2
-80°	16.8	17.5	18.2	18.8	19.5	21.1	22.9	24.6	26.3	28.3	30.2
-82.5°	13.0	13.3	13.6	13.9	14.2	15.4	16.6	17.9	19.2	20.7	22.3
-85°	9.8	10.0	10.1	10.3	10.4	11.3	12.3	13.2	14.1	15.8	17.5
-87.5°	7.9	7.9	7.8	7.8	7.8	9.0	10.2	11.3	12.4	13.8	15.1
-90°	2.2	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	0.8	0.6



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	36.6	41.8	44.5	47.3	44.5	41.8	36.6	31.3	26.1	20.9	17.9
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4
85°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.6	1.9	2.1	2.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.5
80°	2.2	2.2	1.7	1.1	1.7	2.2	2.2	2.1	2.1	2.1	2.1
77.5°	1.4	1.1	1.6	2.2	1.6	1.1	1.4	1.7	2.0	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.7
72.5°	4.6	4.4	4.4	4.4	4.4	4.4	4.6	4.7	4.8	4.8	5.1
70°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.5	5.8	6.5
67.5°	4.5	4.4	3.9	3.3	3.9	4.4	4.5	4.6	4.6	5.2	6.4
65°	4.1	4.3	3.9	3.3	3.9	4.3	4.1	3.8	3.7	4.2	5.4
62.5°	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.7	4.4
60°	2.9	3.2	3.3	3.3	3.3	3.2	2.9	2.7	2.6	2.9	3.4
57.5°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.1	2.9	2.9	3.0
55°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
52.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
50°	3.7	3.5	3.3	3.3	3.3	3.5	3.7	3.9	3.9	3.7	3.4
47.5°	4.8	4.5	4.4	4.4	4.4	4.5	4.8	5.0	5.1	4.9	4.5
45°	6.8	6.6	6.6	6.6	6.6	6.6	6.8	6.8	7.8	7.8	6.4
42.5°	9.9	9.8	9.8	9.9	9.8	9.8	9.9	9.7	11.5	14.2	16.2
40°	18.5	18.6	18.2	17.6	18.2	18.6	18.5	17.6	16.6	15.3	17.1
37.5°	27.1	27.2	27.2	27.5	27.2	27.2	27.1	27.1	27.2	25.0	25.7
35°	43.8	42.7	40.3	40.7	40.3	42.7	43.8	44.4	43.4	39.6	43.9
32.5°	83.8	82.7	78.0	81.4	78.0	82.7	83.8	80.6	75.6	71.3	70.0
30°	141.1	146.7	149.1	148.5	149.1	146.7	141.1	131.0	119.6	106.8	97.1
27.5°	217.3	229.7	237.5	242.1	237.5	229.7	217.3	200.9	168.7	154.4	127.5
25°	395.4	426.0	443.4	466.5	443.4	426.0	395.4	347.4	280.5	241.2	204.1
22.5°	884.1	995.0	1065.6	1115.7	1065.6	995.0	884.1	698.6	526.2	405.4	331.2
20°	2293.8	2284.8	2468.6	2568.1	2468.6	2284.8	2293.8	1703.0	1303.9	816.2	599.2
17.5°	7180.3	8321.5	8611.0	8363.5	8611.0	8321.5	7180.3	4988.3	3921.7	2276.4	1379.9
15°	18456.7	22268.3	24034.7	24010.0	24034.7	22268.3	18456.7	13354.9	9703.0	6144.1	3571.8
12.5°	39799.3	47160.7	51967.3	54875.1	51967.3	47160.7	39799.3	31764.2	20399.0	13547.7	8118.3
10°	72226.5	84837.1	94893.2	99945.2	94893.2	84837.1	72226.5	57254.7	39784.7	25003.2	14058.7
7.5°	107038.2	127442.3	144671.3	151823.0	144671.3	127442.3	107038.2	84817.7	60735.5	39861.1	23330.1
5°	147367.0	179833.2	195958.1	202906.4	195958.1	179833.2	147367.0	116511.9	84304.3	55887.7	32017.1
2.5°	181106.5	213479.7	236017.7	244583.2	236017.7	213479.7	181106.5	140188.3	101085.9	66485.2	37201.5
0°	187860.1	221703.1	246508.2	264463.7	246508.2	221703.1	187860.1	142482.4	102791.8	67472.6	39180.1
-2.5°	173515.7	206583.5	224708.2	232302.0	224708.2	206583.5	173515.7	132627.8	96634.3	63874.0	37027.9
-5°	150843.5	180192.8	196949.7	200315.1	196949.7	180192.8	150843.5	117453.6	86429.1	56415.0	31651.8
-7.5°	115271.6	135588.2	148805.1	151473.2	148805.1	135588.2	115271.6	90287.6	66497.7	44752.7	25386.3
-10°	83830.5	98478.7	106966.6	107885.1	106966.6	98478.7	83830.5	65524.8	47420.4	31152.9	17201.9
-12.5°	56011.5	67489.3	73492.3	74360.1	73492.3	67489.3	56011.5	43784.8	30429.2	20352.3	12337.7
-15°	35099.4	42565.2	46974.1	47929.9	46974.1	42565.2	35099.4	26002.2	19230.3	12722.8	7583.6
-17.5°	21626.5	25402.9	27715.5	29244.3	27715.5	25402.9	21626.5	16254.5	11892.9	7524.1	4417.0
-20°	12645.4	15094.3	16468.5	17093.4	16468.5	15094.3	12645.4	9451.8	6739.6	4018.7	2883.8



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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°	6348.6	7556.7	8379.6	8504.4	8379.6	7556.7	6348.6	4687.4	3361.9	2619.5	2148.1
-25°	3079.0	3415.5	3646.4	3659.7	3646.4	3415.5	3079.0	2632.9	2185.4	2038.0	1903.6
-27.5°	2105.3	2175.3	2220.6	2246.8	2220.6	2175.3	2105.3	2014.3	1903.0	1880.6	1848.5
-30°	1886.4	1896.9	1903.3	1894.7	1903.3	1896.9	1886.4	1878.6	1871.2	1850.8	1834.3
-32.5°	1859.0	1863.9	1867.3	1861.7	1867.3	1863.9	1859.0	1854.3	1840.3	1822.5	1804.3
-35°	1856.9	1870.5	1881.1	1878.2	1881.1	1870.5	1856.9	1840.9	1823.2	1804.1	1770.5
-37.5°	1829.6	1841.6	1849.6	1849.6	1849.6	1841.6	1829.6	1814.1	1792.7	1768.3	1706.6
-40°	1789.1	1805.5	1815.6	1815.5	1815.6	1805.5	1789.1	1768.4	1731.4	1683.6	1589.2
-42.5°	1720.1	1743.0	1753.7	1752.8	1753.7	1743.0	1720.1	1686.5	1615.9	1520.7	1380.6
-45°	1571.9	1645.5	1685.0	1689.0	1685.0	1645.5	1571.9	1474.8	1345.6	1201.4	1047.8
-47.5°	1171.2	1284.7	1354.3	1369.9	1354.3	1284.7	1171.2	1046.6	920.3	794.3	669.3
-50°	677.3	692.5	698.9	696.5	698.9	692.5	677.3	661.2	644.9	629.1	613.3
-52.5°	623.2	629.3	633.9	637.1	633.9	629.3	623.2	616.8	610.2	602.5	594.1
-55°	594.7	603.0	608.2	610.7	608.2	603.0	594.7	584.1	571.1	554.4	536.0
-57.5°	518.1	526.3	530.9	532.6	530.9	526.3	518.1	507.6	494.9	479.7	462.5
-60°	439.5	447.5	452.2	454.4	452.2	447.5	439.5	429.5	417.5	404.4	390.1
-62.5°	364.9	372.5	377.0	379.6	377.0	372.5	364.9	355.7	344.9	333.3	320.1
-65°	300.3	307.4	311.3	313.6	311.3	307.4	300.3	292.1	282.8	272.1	259.2
-67.5°	249.9	257.1	261.7	265.2	261.7	257.1	249.9	241.9	232.9	221.7	207.8
-70°	197.4	204.4	206.9	208.0	206.9	204.4	197.4	189.6	181.1	170.8	157.9
-72.5°	138.3	144.0	147.9	150.7	147.9	144.0	138.3	131.6	124.2	115.5	104.8
-75°	71.9	75.1	77.3	79.2	77.3	75.1	71.9	68.4	64.5	60.2	55.6
-77.5°	43.1	45.8	47.2	48.4	47.2	45.8	43.1	40.2	37.3	34.5	31.7
-80°	32.1	33.9	34.6	35.2	34.6	33.9	32.1	30.2	28.3	26.3	24.6
-82.5°	23.8	25.2	25.8	26.4	25.8	25.2	23.8	22.3	20.7	19.2	17.9
-85°	19.2	20.9	21.4	22.0	21.4	20.9	19.2	17.5	15.8	14.1	13.2
-87.5°	16.4	17.7	18.7	19.8	18.7	17.7	16.4	15.1	13.8	12.4	11.3
-90°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.8	11.8	8.8	8.8	8.8	8.8	8.8	8.5	8.2	8.0	7.7
87.5°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.5	2.8	3.0	3.3
85°	2.1	2.2	2.2	2.4	2.6	2.8	2.9	3.0	3.0	3.2	3.3
82.5°	1.8	2.0	2.2	2.5	2.8	3.0	3.3	3.3	3.3	3.3	3.3
80°	2.1	2.1	2.2	2.5	2.8	3.1	3.3	3.4	3.3	3.3	3.3
77.5°	2.2	2.2	2.3	2.7	3.0	3.3	3.5	3.6	3.8	3.9	3.9
75°	3.0	3.2	3.4	3.8	4.1	4.2	4.3	4.2	4.2	4.3	4.4
72.5°	5.4	5.6	6.1	6.9	7.4	7.7	7.8	7.3	6.5	5.3	4.4
70°	7.2	7.8	9.2	11.3	12.8	13.6	13.8	13.3	12.0	10.7	8.5
67.5°	7.5	8.5	10.5	13.1	15.2	17.3	19.5	21.4	21.4	19.9	14.6
65°	6.8	8.2	10.0	11.9	14.3	17.3	21.6	24.5	26.4	27.2	22.5
62.5°	5.3	6.4	7.5	9.1	11.2	14.3	19.4	23.9	28.1	29.4	24.8
60°	3.9	4.5	5.3	6.4	7.7	10.4	15.4	21.0	27.2	27.1	24.6
57.5°	3.1	3.6	4.4	5.0	5.4	7.4	11.1	16.1	22.1	22.6	21.8
55°	3.3	3.7	4.3	4.9	5.5	6.2	7.5	10.6	15.1	16.6	16.9
52.5°	3.3	3.9	4.5	5.1	5.6	5.9	6.3	7.8	9.2	11.2	12.3
50°	3.4	4.0	4.7	5.3	5.7	6.0	6.3	6.6	7.4	8.3	9.0
47.5°	4.4	4.7	5.0	5.5	5.9	6.1	6.4	6.8	7.2	7.3	7.8
45°	6.3	6.3	6.2	6.6	6.7	6.8	6.7	7.4	7.8	7.9	7.7
42.5°	14.5	10.7	8.2	9.6	9.3	8.8	8.3	8.9	9.0	8.8	9.4
40°	21.1	24.5	20.8	16.9	15.6	13.0	12.4	11.5	11.3	10.4	12.2
37.5°	25.7	25.6	32.1	34.6	28.6	23.5	19.8	16.7	14.5	15.4	16.6
35°	42.0	40.2	42.1	45.5	46.6	41.5	33.1	25.4	21.4	21.8	22.3
32.5°	70.8	64.8	61.5	61.3	64.7	63.4	53.3	40.7	33.1	30.6	29.1
30°	94.1	90.6	82.7	87.2	93.5	88.9	77.0	69.1	56.2	41.2	37.2
27.5°	129.6	122.6	112.7	125.9	132.5	124.6	115.9	106.7	85.5	62.7	49.7
25°	195.2	177.8	179.6	184.0	181.6	177.0	164.7	149.7	125.8	95.0	79.7
22.5°	291.5	279.7	269.8	255.7	268.3	258.7	224.9	195.7	190.5	180.9	137.7
20°	473.9	426.1	383.8	416.9	425.8	370.3	301.3	306.0	341.1	307.3	215.4
17.5°	972.3	737.2	645.4	699.9	655.3	544.3	543.1	532.0	521.3	466.2	308.1
15°	1863.8	1390.2	1150.5	1052.3	992.6	941.5	916.7	792.5	730.1	640.0	458.0
12.5°	4378.2	2346.8	1705.3	1505.0	1456.1	1368.7	1312.9	1133.6	968.8	863.5	688.8
10°	7596.2	4090.8	2584.2	2067.4	1914.4	1801.8	1653.3	1435.0	1223.0	1103.3	927.3
7.5°	12578.9	6699.8	3662.6	2589.4	2301.7	2111.4	1894.1	1680.8	1467.2	1336.8	1167.8
5°	16480.2	8656.7	4351.3	3003.8	2624.6	2411.1	2136.2	1893.2	1701.9	1563.6	1403.8
2.5°	18459.5	9648.9	4791.9	3395.7	2926.4	2691.2	2382.2	2082.3	1872.8	1708.1	1538.7
0°	20324.0	11210.0	5476.3	3700.4	3170.0	2922.4	2629.8	2261.2	2010.3	1830.9	1656.0
-2.5°	18890.4	10319.4	4995.3	3449.3	3038.3	2811.6	2618.4	2321.8	2059.9	1850.6	1637.9
-5°	16337.8	8601.6	4469.0	3197.4	2834.2	2654.5	2518.8	2296.9	2051.0	1843.5	1596.6
-7.5°	13215.4	6846.2	3862.2	2912.1	2612.2	2478.0	2364.1	2172.9	1936.6	1753.8	1494.9
-10°	9375.4	5017.7	3217.3	2606.8	2399.0	2303.6	2215.7	2029.9	1819.8	1659.5	1374.9
-12.5°	6740.9	3634.4	2591.8	2287.5	2199.7	2149.1	2079.0	1875.7	1703.8	1562.9	1238.8
-15°	4063.0	2810.7	2294.7	2095.7	2025.3	1999.1	1939.6	1748.5	1613.9	1467.6	1088.9
-17.5°	2936.8	2245.8	2032.0	1945.3	1900.1	1860.6	1790.0	1652.5	1516.1	1331.9	925.3
-20°	2218.1	2020.9	1895.3	1815.4	1784.0	1750.1	1667.0	1547.4	1403.1	1134.5	767.9



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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°	1989.6	1924.9	1837.9	1734.6	1667.1	1623.0	1548.2	1435.2	1276.8	926.3	614.1
-25°	1896.9	1884.7	1822.6	1721.4	1591.7	1504.8	1440.0	1321.6	1072.3	736.4	484.8
-27.5°	1850.8	1849.2	1818.9	1698.7	1552.4	1423.1	1331.2	1190.1	867.0	594.7	466.5
-30°	1819.9	1799.1	1749.8	1632.9	1476.6	1354.6	1234.3	966.9	697.9	487.6	458.7
-32.5°	1770.9	1731.8	1653.9	1506.4	1381.3	1282.5	1036.6	761.8	536.5	478.7	455.0
-35°	1730.6	1632.3	1500.3	1395.7	1314.9	1079.0	819.5	590.7	496.7	469.8	452.0
-37.5°	1608.8	1483.1	1389.9	1283.0	1068.2	838.8	616.4	520.5	486.9	466.0	434.9
-40°	1471.0	1366.6	1188.9	1000.7	803.5	600.9	543.2	514.2	488.4	452.5	410.5
-42.5°	1229.0	1066.9	895.5	720.7	582.2	561.6	540.4	515.2	478.6	429.5	381.8
-45°	897.2	747.5	613.7	592.8	572.2	554.9	539.8	498.4	449.6	399.5	351.2
-47.5°	631.2	611.1	593.4	579.5	563.0	542.3	504.7	462.5	412.4	364.9	322.1
-50°	600.8	589.7	578.3	561.5	528.6	494.1	456.5	416.7	371.8	330.2	290.4
-52.5°	582.8	558.0	532.0	504.9	473.4	438.3	402.6	368.6	331.1	292.7	256.0
-55°	516.2	493.0	467.6	440.6	412.7	383.0	352.4	320.5	287.2	252.4	220.9
-57.5°	443.4	422.9	401.7	379.3	355.8	328.2	299.1	269.8	242.4	213.5	185.8
-60°	374.5	357.5	337.4	316.1	293.7	269.5	245.5	221.7	198.0	178.0	156.8
-62.5°	304.4	286.4	270.0	253.1	234.3	213.8	195.1	179.4	163.5	146.2	124.8
-65°	244.3	227.2	211.6	197.9	183.7	168.9	155.6	141.1	125.4	108.7	90.5
-67.5°	193.0	177.2	164.2	152.3	139.5	125.4	112.4	99.0	87.1	75.1	61.5
-70°	144.5	130.7	118.5	107.0	95.5	84.9	75.7	66.1	55.6	46.8	39.2
-72.5°	94.1	83.6	74.2	66.3	58.6	52.6	46.4	40.0	33.8	27.7	23.3
-75°	50.5	45.1	39.9	35.8	31.4	26.8	24.7	23.7	22.5	21.2	19.7
-77.5°	28.9	26.3	24.3	23.5	22.8	22.0	21.1	20.0	18.8	17.6	16.5
-80°	22.9	21.1	19.5	18.8	18.2	17.5	16.8	15.9	15.1	14.3	13.7
-82.5°	16.6	15.4	14.2	13.9	13.6	13.3	13.0	12.5	12.1	11.7	11.4
-85°	12.3	11.3	10.4	10.3	10.1	10.0	9.8	9.6	9.5	9.3	9.1
-87.5°	10.2	9.0	7.8	7.8	7.8	7.9	7.9	7.9	7.8	7.8	7.7
-90°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.5	2.8	3.0	3.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.4	7.2	6.9	6.6	6.6	6.6	6.6	6.6	6.3	6.1	5.8
87.5°	3.3	3.3	3.3	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.2
85°	3.4	3.5	3.5	3.5	3.6	3.9	4.1	4.2	4.2	4.2	4.3
82.5°	3.6	3.8	4.0	4.1	4.1	4.1	4.2	4.4	4.4	4.4	4.4
80°	3.6	3.9	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	3.9	4.0	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
75°	4.4	4.3	4.3	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°	6.4	4.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	10.0	7.5	5.7	4.6	4.4	4.4	4.4	4.5	4.6	4.4	4.4
65°	16.3	11.2	7.5	6.1	4.9	4.4	4.4	4.6	4.8	4.6	4.4
62.5°	20.3	15.6	10.9	7.9	6.0	4.9	4.4	4.7	4.9	4.9	4.6
60°	21.8	17.2	14.0	10.7	7.6	5.5	4.9	4.7	5.0	5.2	4.9
57.5°	19.6	17.7	15.6	13.0	9.9	6.8	5.4	5.1	5.0	5.3	5.2
55°	16.4	15.5	16.4	14.7	11.8	8.5	6.2	5.5	5.2	5.3	5.5
52.5°	12.3	13.8	15.8	15.7	13.4	10.2	7.7	6.0	5.6	5.4	5.6
50°	9.3	11.9	15.0	16.1	14.8	11.8	8.9	6.9	6.0	5.5	5.7
47.5°	8.6	10.9	13.4	16.4	16.0	13.2	10.1	7.7	6.4	5.9	5.9
45°	9.2	10.8	12.6	15.2	17.0	14.1	11.3	8.3	6.9	6.3	6.0
42.5°	10.5	11.7	12.9	14.2	16.0	14.7	12.3	9.2	7.3	6.7	6.3
40°	13.1	13.3	13.7	14.9	15.2	15.1	12.7	10.0	7.5	7.1	6.6
37.5°	16.4	15.9	15.5	16.8	15.6	14.9	12.8	10.7	8.3	7.6	7.0
35°	21.5	19.6	19.1	20.0	18.3	15.2	12.8	11.1	9.5	8.2	7.3
32.5°	27.6	25.9	25.3	24.0	21.9	15.9	13.1	12.0	10.7	8.9	7.6
30°	36.4	37.6	32.8	28.5	26.2	19.4	14.6	13.2	11.9	9.5	8.0
27.5°	54.1	52.5	42.5	35.4	30.6	24.0	17.8	14.5	13.1	10.4	8.6
25°	76.8	70.5	57.1	43.6	35.3	38.7	21.7	16.0	14.2	11.3	9.1
22.5°	107.0	91.5	73.9	52.6	56.9	58.3	29.8	19.0	15.3	12.3	9.7
20°	141.9	115.1	99.2	87.6	83.3	77.7	44.1	22.4	16.6	13.3	10.3
17.5°	186.3	164.2	159.1	132.8	112.7	99.0	61.1	26.0	17.9	14.2	10.8
15°	306.7	242.5	223.4	183.4	144.0	121.7	80.1	29.8	19.3	15.1	11.4
12.5°	458.2	321.1	291.0	238.2	176.7	145.6	100.6	33.6	20.7	15.9	11.8
10°	625.5	399.8	361.0	295.6	210.2	170.2	121.8	38.2	23.0	16.8	12.1
7.5°	801.7	478.0	432.2	354.4	243.5	193.9	143.9	44.4	25.5	17.6	12.5
5°	965.0	545.7	491.3	403.7	273.1	215.8	165.0	50.4	28.1	18.4	12.8
2.5°	1057.9	596.8	540.9	449.1	301.8	236.7	184.4	56.2	30.6	19.2	13.0
0°	1133.3	645.9	587.6	490.7	329.0	256.4	201.4	61.6	33.0	19.8	13.2
-2.5°	1113.6	638.4	578.9	486.9	337.4	262.3	203.9	71.6	40.8	24.9	15.8
-5°	1074.8	628.6	567.5	479.2	343.6	266.7	203.7	80.8	48.3	29.8	18.2
-7.5°	1000.3	606.5	550.0	467.9	347.4	269.3	201.4	89.3	55.3	34.4	20.5
-10°	905.2	576.8	525.1	448.8	342.1	268.4	197.4	96.9	61.6	38.5	22.5
-12.5°	794.8	546.3	500.8	428.2	334.0	264.6	192.2	103.4	67.2	42.1	24.2
-15°	670.4	515.6	478.0	407.2	324.3	259.8	186.3	108.8	72.0	45.3	25.5
-17.5°	536.1	485.0	457.5	386.3	313.4	254.1	180.0	113.0	76.0	48.2	26.9
-20°	498.0	464.9	438.1	366.3	301.4	247.8	173.7	115.9	79.1	50.3	28.1



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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°	479.4	453.9	416.3	349.9	290.0	240.9	167.8	117.6	81.4	51.7	28.7
-25°	462.2	443.8	395.6	334.7	280.6	230.6	165.5	117.8	82.7	52.2	28.6
-27.5°	449.9	430.6	375.0	318.2	270.2	222.0	165.1	118.8	83.1	51.9	27.9
-30°	440.3	407.3	355.2	301.9	258.5	210.3	162.9	118.7	82.5	51.0	26.5
-32.5°	432.4	384.9	334.7	287.9	244.7	197.9	155.7	117.3	80.7	49.3	25.5
-35°	411.9	363.2	313.7	272.6	230.1	186.5	146.4	114.5	77.7	46.5	24.5
-37.5°	390.0	340.6	295.9	256.2	215.0	174.0	137.7	106.4	73.4	42.6	22.9
-40°	364.1	318.2	277.5	239.4	199.9	160.3	127.8	97.1	68.0	37.7	20.8
-42.5°	336.8	296.2	257.8	222.0	183.7	148.1	116.8	86.8	59.5	33.8	18.1
-45°	310.8	272.4	236.3	201.5	166.7	134.7	104.3	75.7	50.1	30.2	16.2
-47.5°	282.7	246.8	212.7	179.7	150.3	119.9	90.7	64.4	40.1	25.9	15.6
-50°	252.6	219.4	187.7	159.1	132.0	103.6	76.4	52.5	33.9	20.4	14.8
-52.5°	222.0	190.9	163.8	138.5	112.4	86.2	62.5	40.5	27.4	17.8	13.9
-55°	190.4	164.4	140.9	116.5	91.9	69.4	47.8	32.9	20.7	16.3	12.9
-57.5°	162.7	139.4	116.4	93.4	72.3	52.4	36.7	25.0	17.9	14.9	12.5
-60°	135.0	112.2	90.5	71.6	53.2	38.4	27.5	18.9	16.3	13.6	12.1
-62.5°	103.9	84.2	67.0	50.3	37.9	28.0	19.4	17.2	14.7	12.9	11.5
-65°	74.9	59.2	44.2	35.2	26.3	19.6	17.6	15.5	13.6	12.2	10.9
-67.5°	47.8	39.1	30.4	22.4	19.3	17.6	15.8	14.2	12.7	11.4	10.4
-70°	31.5	24.0	20.3	18.6	17.1	15.6	14.4	13.0	11.7	10.9	9.9
-72.5°	21.3	19.5	17.8	16.3	15.4	14.3	13.0	11.9	11.2	10.3	9.3
-75°	18.1	16.9	15.9	15.1	14.1	13.0	12.1	11.4	10.7	9.8	8.8
-77.5°	15.6	14.9	14.4	13.7	12.8	12.0	11.4	11.0	10.1	9.1	8.1
-80°	13.3	12.9	12.4	11.9	11.4	11.0	10.6	10.2	9.3	8.4	7.5
-82.5°	11.1	10.8	10.6	10.4	10.1	9.9	9.6	9.3	8.5	7.7	7.0
-85°	9.0	9.0	9.1	9.1	9.0	8.8	8.6	8.4	7.8	7.2	6.6
-87.5°	7.8	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.1	6.6	6.2
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6	3.9	4.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.5	5.2	5.0	4.7	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	4.5	4.4	4.4	4.4	4.4	4.4
72.5°	4.5	4.6	4.5	4.4	4.4	4.4	4.4
70°	4.5	4.6	4.6	4.4	4.4	4.4	4.4
67.5°	4.5	4.7	4.7	4.5	4.4	4.4	4.4
65°	4.5	4.8	4.8	4.6	4.4	4.4	4.4
62.5°	4.6	4.8	5.0	4.8	4.4	4.4	4.4
60°	4.6	4.9	5.1	4.9	4.4	4.4	4.4
57.5°	4.9	4.9	5.1	5.0	4.5	4.4	4.4
55°	5.1	4.9	5.1	5.1	4.6	4.4	4.4
52.5°	5.4	5.0	5.2	5.2	4.6	4.4	4.4
50°	5.7	5.2	5.2	5.3	4.7	4.4	4.4
47.5°	5.9	5.4	5.2	5.4	4.8	4.4	4.4
45°	6.1	5.6	5.3	5.5	4.9	4.4	4.4
42.5°	6.2	5.9	5.3	5.5	4.9	4.4	4.4
40°	6.4	6.1	5.4	5.5	5.0	4.4	4.4
37.5°	6.6	6.3	5.6	5.5	5.0	4.4	4.4
35°	6.8	6.4	5.7	5.6	5.1	4.4	4.4
32.5°	7.0	6.6	5.9	5.6	5.2	4.4	4.4
30°	7.3	6.8	6.0	5.7	5.2	4.4	4.4
27.5°	7.6	6.9	6.1	5.7	5.3	4.4	4.4
25°	7.8	7.1	6.2	5.8	5.3	4.4	4.4
22.5°	8.1	7.3	6.3	5.9	5.3	4.4	4.4
20°	8.3	7.4	6.4	5.9	5.4	4.4	4.4
17.5°	8.5	7.4	6.5	6.0	5.4	4.4	4.4
15°	8.7	7.5	6.5	6.1	5.4	4.4	4.4
12.5°	9.0	7.6	6.6	6.2	5.4	4.4	4.4
10°	9.2	7.6	6.6	6.3	5.5	4.4	4.4
7.5°	9.4	7.7	6.6	6.4	5.5	4.4	4.4
5°	9.6	7.7	6.6	6.4	5.5	4.4	4.4
2.5°	9.7	7.7	6.6	6.5	5.5	4.4	4.4
0°	9.9	7.7	6.6	6.6	5.5	4.4	4.4
-2.5°	10.8	7.9	6.8	6.7	5.5	4.4	4.4
-5°	11.6	8.2	7.0	6.7	5.6	4.4	4.4
-7.5°	12.3	8.4	7.2	6.8	5.6	4.5	4.4
-10°	13.0	8.6	7.3	6.8	5.7	4.5	4.4
-12.5°	13.5	8.8	7.5	6.9	5.7	4.5	4.4
-15°	13.9	9.0	7.7	6.9	5.7	4.5	4.4
-17.5°	14.2	9.1	7.8	6.9	5.7	4.6	4.4
-20°	14.5	9.3	7.9	7.0	5.7	4.6	4.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.8	9.4	8.0	7.0	5.8	4.6	4.4
-25°	14.9	9.6	8.1	7.0	5.8	4.6	4.4
-27.5°	14.7	9.8	8.2	7.0	5.8	4.6	4.4
-30°	14.1	9.9	8.2	7.0	5.8	4.6	4.4
-32.5°	13.2	10.0	8.3	7.0	5.7	4.6	4.4
-35°	12.9	10.0	8.3	7.0	5.7	4.7	4.4
-37.5°	12.9	9.9	8.3	6.9	5.7	4.7	4.4
-40°	12.7	9.9	8.3	6.9	5.7	4.7	4.4
-42.5°	12.5	9.9	8.2	6.8	5.7	4.7	4.4
-45°	12.1	9.8	8.2	6.8	5.6	4.7	4.4
-47.5°	11.6	9.7	8.1	6.7	5.6	4.7	4.4
-50°	11.4	9.6	8.0	6.7	5.6	4.7	4.4
-52.5°	11.2	9.4	7.9	6.6	5.5	4.7	4.4
-55°	10.9	9.2	7.7	6.5	5.5	4.7	4.4
-57.5°	10.6	9.0	7.6	6.4	5.4	4.6	4.4
-60°	10.3	8.7	7.4	6.3	5.4	4.6	4.4
-62.5°	9.9	8.5	7.2	6.2	5.3	4.6	4.4
-65°	9.6	8.2	7.0	6.0	5.2	4.6	4.4
-67.5°	9.1	7.9	6.8	5.9	5.2	4.6	4.4
-70°	8.7	7.5	6.6	5.8	5.1	4.6	4.4
-72.5°	8.2	7.2	6.3	5.6	5.0	4.6	4.4
-75°	7.7	6.8	6.1	5.5	4.9	4.5	4.4
-77.5°	7.2	6.4	5.9	5.4	4.9	4.5	4.4
-80°	6.6	6.2	5.7	5.2	4.8	4.5	4.4
-82.5°	6.3	5.9	5.5	5.1	4.7	4.5	4.4
-85°	6.1	5.7	5.3	5.0	4.6	4.4	4.4
-87.5°	5.8	5.5	5.1	4.8	4.5	4.4	4.4
-90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4

(END OF REPORT)